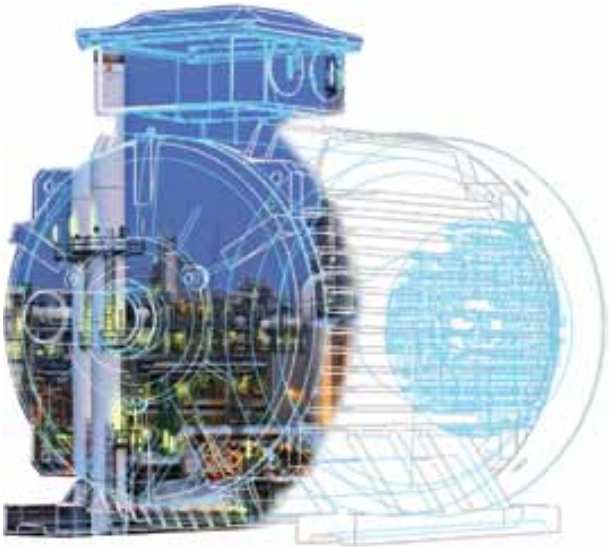

Catalogue technique
Technical catalogue

SNE FRANCE
moteurs électriques

Notre moteur, votre satisfaction
Our motor, your satisfaction

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Our motor, your satisfaction

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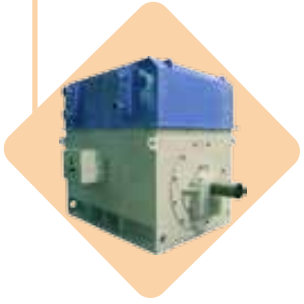

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Moteur rotor bobiné
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Conformité normative / *Standards*

RÈGLEMENT (CE) Nº 640/2009 DE LA COMMISSION

du 22 juillet 2009

portant application de la directive 2005/32/CE du Parlement européen et du Conseil concernant les exigences relatives à l'écoconception des moteurs électriques

(Texte présentant de l'intérêt pour l'EEE)

L 191/28 FR Journal officiel de l'Union européenne 23.7.2009

Article 2

Définitions

Outre les définitions énoncées dans la directive 2005/32/CE, on entend par:

1) «moteur», tout moteur électrique à induction triphasé à cage d'écureuil, mono-vitesse, d'une fréquence de 50 Hz ou de 50/60 Hz qui:

— a de deux à six pôles,

— a une tension nominale U_N d'un maximum de 1 000 V,

— a une puissance nominale P_N comprise entre 0,75 kW et 375 kW,

— a des caractéristiques fixées sur la base d'un fonctionnement continu;

Chaque exigence d'écoconception s'applique selon le calendrier suivant:

1) à partir du 16 juin 2011, les moteurs doivent avoir un rendement supérieur ou égal au niveau de rendement IE2, tel que défini à l'annexe I, point 1;

2) à partir du 1er janvier 2015:

i) les moteurs d'une puissance nominale comprise entre 7,5 et 375 kW doivent soit avoir un rendement supérieur ou égal au niveau de rendement IE3 défini à l'annexe I, point 1, soit atteindre le niveau de rendement IE2 défini à l'annexe I, point 1, et être équipés d'un variateur de vitesse;

3) à partir du 1er janvier 2017:

i) tous les moteurs d'une puissance nominale comprise entre 0,75 et 375 kW doivent soit avoir un rendement supérieur ou égal au niveau de rendement IE3 défini à l'annexe I, point 1, soit atteindre le niveau de rendement IE2 défini à l'annexe I, point 1, et être équipés d'un variateur de vitesse.

Normes / *Norms*

Les moteurs SNE sont conformes aux exigences électriques et mécaniques pour les normes suivantes. Des moteurs conformes à d'autres normes nationales et internationales sont également disponibles sur demande.

SNE motors meet the requirements and regulations electrical and mechanical of the latest version of the following Standards: Other international requirements on request.

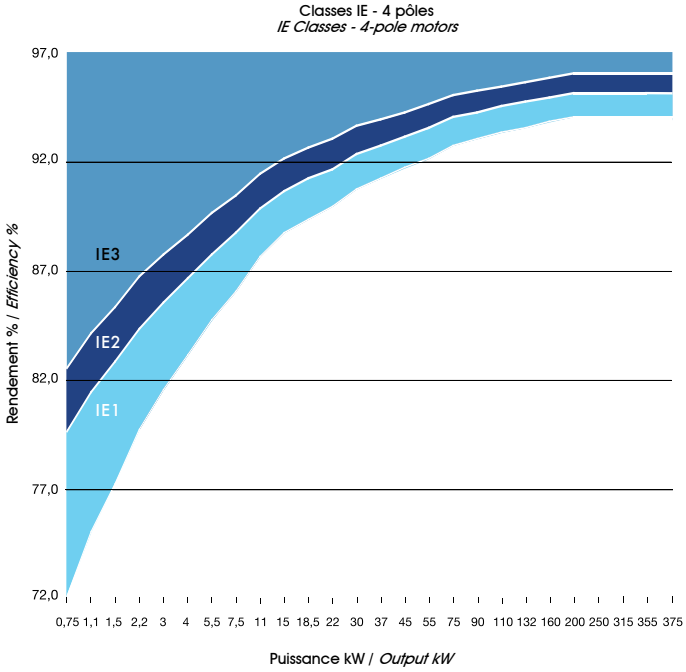
Normalisation IEC / EN
Électrique et Mécanique
IEC/EN 60034-1
IEC/EN 60034-2-1
IEC/EN 60034-5
IEC/EN 60034-6
IEC/EN 60034-7
IEC 60034-8
IEC/EN 60034-9
IEC 60034-11-1
IEC 60034-12
IEC 60034-14
IEC/EN 60034-30
IEC 60072-1

IEC/EN 60034-1
IEC/EN 60034-2-1
IEC/EN 60034-5
IEC/EN 60034-6
IEC/EN 60034-7
IEC 60034-8
IEC/EN 60034-9
IEC 60034-11-1
IEC 60034-12
IEC 60034-14
IEC/EN 60034-30
IEC 60072-1

Valeurs de rendement minimales définies par la norme IEC 60034-30:2008 (basées sur les méthodes de mesure de la norme IEC 60034-2-1:2007)

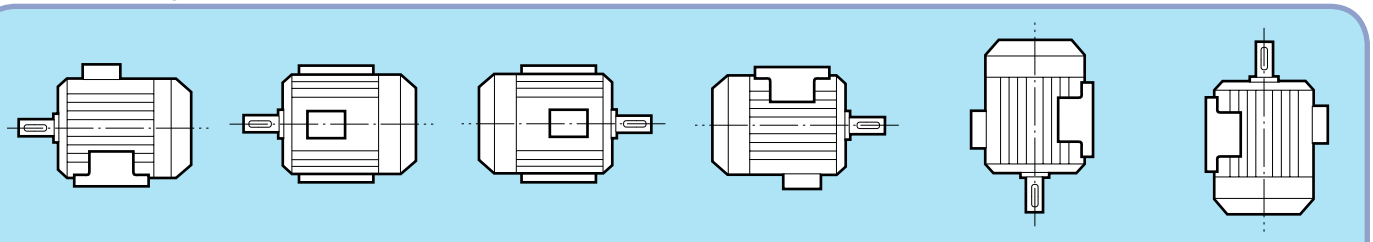
Minimun efficiency values defined in IEC 60034-30:2008 (based on test methods specified in IEC 60034-2-1:2007)

	IE1			IE2			IE3		
Puiss. *Output*	Standard *Standard efficiency*			Haut rendement *High efficiency*			Premium *Premium efficiency*		
kW	2 pôles *2 pole*	4 pôles *4 pole*	6 pôles *6 pole*	2 pôles *2 pole*	4 pôles *4 pole*	6 pôles *6 pole*	2 pôles *2 pole*	4 pôles *4 pole*	6 pôles *6 pole*
0.75	72.1	72.1	70.0	77.4	79.6	75.9	80.7	82.5	78.9
1.1	75.0	75.0	72.9	79.6	81.4	78.1	82.7	84.1	81.0
1.5	77.2	77.2	75.2	81.3	82.8	79.8	84.2	85.3	82.5
2.2	79.7	79.7	77.7	83.2	84.3	81.8	85.9	86.7	84.3
3	81.5	81.5	79.7	84.6	85.5	83.3	87.1	87.7	85.6
4	83.1	83.1	81.4	85.8	86.6	84.6	88.1	88.6	86.8
5.5	84.7	84.7	83.1	87.0	87.7	86.0	89.2	89.6	88.0
7.5	86.0	86.0	84.7	88.1	88.7	87.2	90.1	90.4	89.1
11	87.6	87.6	86.4	89.4	89.8	88.7	91.2	91.4	90.3
15	88.7	88.7	87.7	90.3	90.6	89.7	91.9	92.1	91.2
18.5	89.3	89.3	88.6	90.9	91.2	90.4	92.4	92.6	91.7
22	89.9	89.9	89.2	91.3	91.6	90.9	92.7	93.0	92.2
30	90.7	90.7	90.2	92.0	92.3	91.7	93.3	93.6	92.9
37	91.2	91.2	90.8	92.5	92.7	92.2	93.7	93.9	93.3
45	91.7	91.7	91.4	92.9	93.1	92.7	94.0	94.2	93.7
55	92.1	92.1	91.9	93.2	93.5	93.1	94.3	94.6	94.1
75	92.7	92.7	92.6	93.8	94.0	93.7	94.7	95.0	94.6
90	93.0	93.0	92.9	94.1	94.2	94.0	95.0	95.2	94.9
110	93.3	93.3	93.3	94.3	94.5	94.3	95.2	95.4	95.1
132	93.5	93.5	93.5	94.6	94.7	94.6	95.4	95.6	95.4
160	93.7	93.8	93.8	94.8	94.9	94.8	95.6	95.8	95.6
200	94.0	94.0	94.0	95.0	95.1	95.0	95.8	96.0	95.8
250	94.0	94.0	94.0	95.0	95.1	95.0	95.8	96.0	95.8
315	94.0	94.0	94.0	95.0	95.1	95.0	95.8	96.0	95.8
355	94.0	94.0	94.0	95.0	95.1	95.0	95.8	96.0	95.8
375	94.0	94.0	94.0	95.0	95.1	95.0	95.8	96.0	95.8



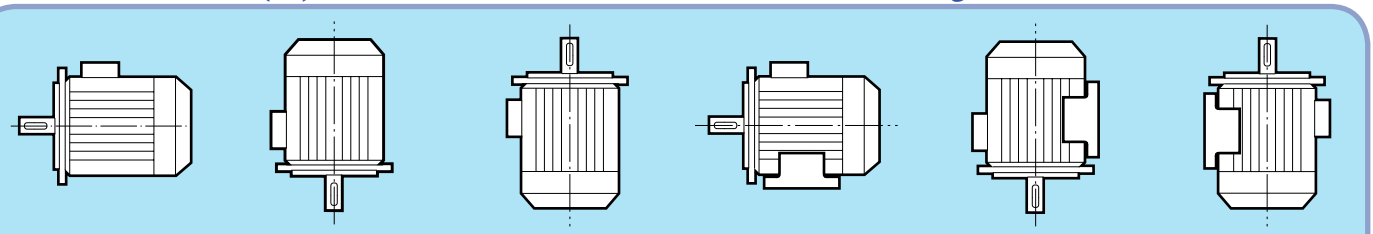
Positions de montages / *Moonting positions*

Moteurs à pattes de fixation / *Foot-mounted motor*



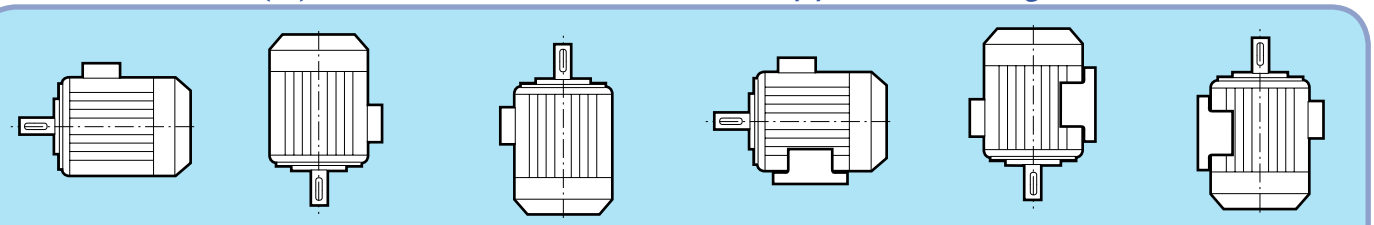
IM 1001 (IM B3) | IM 1051 (IM B6) | IM 1061 (IM B7) | IM 1071 (IM B8) | IM 1011 (IM V5) | IM 1031 (IM B7)

Moteurs à bride (FF) de fixation à trous à lisses / *Plain hole flange mounted motors*



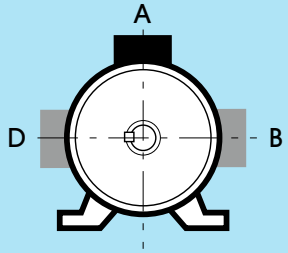
IM 3001 (IM B5) | IM 3011 (IM V1) | IM 3031 (IM V3) | IM 2001 (IM B35) | IM 2011 (IM V15) | IM 2031 (IM V36)

Moteurs à bride (FT) de fixation à trous taraudés / *Tapped hole flange mounted motors*



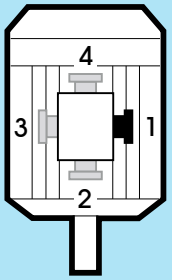
IM 3001 (IM B5) | IM 3011 (IM V1) | IM 3031 (IM V3) | IM 2001 (IM B35) | IM 2011 (IM V15) | IM 2031 (IM V36)

Positions de la boîte à bornes par rapport au bout d'arbre moteur / *Terminal box position in relation to the motor shaft end*



A : Standard

Positions du presse-étoupe par rapport au bout d'arbre moteur / *Cable gland position in relation to the motor shaft end*



Position standard à la livraison (orientable) / *Standard position at delivery (rotation)*

1 : Standard

Mode de refroidissement / *Cooling*

La désignation du mode de refroidissement est spécifiée dans la norme IEC 60034-6.

Designation system concerning methods of cooling refers to standard IEC 60034 -6

Exemple / *Example*

IC 4 (A) 1 (A) 6

Appellation internationale / *Internetionak Cooling*

Type de circuit / *Circuit arrangement*

0 : Libre circulation (circuit ouvert) / *Free circulation (open circuit)*

4 : Machine refroidie par la surface / *Frame surface cooled*

Fluide de refroidissement primaire / *Primary coolant*

A : Air (omis par souci de simplification) / *A for air (omitted for simplified designation)*

Mode de circulation du fluide primaire / *Method of movement of primary coolant*

0 : Convection naturelle / *Free convection*

1 : Autocirculation / *Self-circulation*

6 : Dispositif indépendant monté sur la machine / *Machine-mounted independent component*

Fluide de refroidissement secondaire / *Secondary coolant*

A : Air (omis par souci de simplification) / *Air (omitted for simplified designation)*

W : Eau / *Water*

Mode de circulation du fluide secondaire / *Method of movement of secondary coolant*

0 : Convection naturelle / *Free convection*

1 : Autocirculation / *Self-circulation*

6 : Dispositif indépendant monté sur la machine / *Machine-mounted independent component*

8 : Déplacement relatif / Relative displacement

Degrés de protection : code IP/code IK
Degrees of protection: IP code/IK code

Les degrés de protection procurés par les enveloppes des machines tournantes sont spécifiés dans :
- La norme IEC 60034-5 ou EN 60529 pour le code IP.
- La norme EN 50102 pour le code IK.

Classification of degrees of protection provided by enclosures of rotating machines are refers to:
- Standard IEC 60034-5 ou EN 60529 for IP code.
- Standard EN 50102 for IK code.

IP 5 5

Lettres caractéristiques / *Characteristic letter*

Protection des personnes et des pièces des moteurs à l'intérieur des enveloppes / *Degree of protection to persons and to parts of the motors inside the enclosure*

2 : Moteurs protégés contre les corps solides supérieurs à 12 mm / *Motors protected against solid objects greater than 2 mm*

4 : Moteurs protégés contre les corps solides supérieurs à 1 mm / *Motors protected against solid objects greater than 1 mm*

5 : Moteurs protégés contre les poussières / *Dust-protected motors*

6 : Moteurs étanches aux poussières / _____

Degré de protection procuré par les enveloppes contre les effets nuisibles de la pénétration d'eau / *Degree of protection provided by the enclsure with respect to harmfull effects due tu ingress of water*

3 : Moteurs protégés contre l'eau en pluie / *Motors protected against spraying water*

4 : Moteurs protégés contre les projections d'eau / *Motors protected against splashing water*

5 : Moteurs protégés contre les jets d'eau / *Motors protected against water jets*

6 : Moteurs protégés contre les projections d'eau assimilables aux paquets de mer / *Motors protected against heavy seas*

Code de protection IK / *IK Code*

Classification des degrés de protection procurés par les enveloppes des moteurs contre les chocs mécaniques.

Classification of degrees of protection provided by enclosure for motors against external mechanical.

IP 08

Lettres caractéristiques de la protection mécanique / *International mechanical protection*

Chiffres caractéristiques / *Characteristic group*

Relation entre code IK et énergie de choc / *Relation between IK code and impac energ*:

Code IK / *IK code*	**IK 0**	**IK 01**	**IK 02**	**IK 03**	**IK04**	**IK05**	**IK06**	**IK07**	**IK08**	**IK09**	**IK10**
Énergie de choc (Joule) *Impact energy Joule*	*	0.15	0.2	0.35	0.5	0.7	A	2	5 SNE Standard	10	20

* non protégé selon EN 50102 / *not protected according to EN 50102*

Isolation / *Insulation*

Les moteurs SNE utilisent la classe d'isolation F avec l'échauffement de classe B, ce qui correspond aux exigences industrielles les plus fréquentes. L'utilisation de la classe d'isolation F avec un échauffement de classe B confère aux moteurs SNE une réserve thermique, ce qui permet d'augmenter le niveau de charge jusqu'à 12 % sur des périodes limitées. On peut ainsi exploiter les moteurs à des températures ambiantes ou des altitudes supérieures, ou avec des tolérances supérieures de tension et de fréquence, ou encore prolonger la durée de vie de l'isolant. Ainsi, une réduction de 10 K de la température du bobinage doublera la durée de vie de l'isolant.

La plupart des moteurs Premium ont une classe d'échauffement inférieure à la classe B.

Isolation classe F
- Température ambiante maxi 40 °C
- Échauffement maxi admissible 105 K
- Réserve thermique + 10 K

Échauffement classe B
- Température ambiante maxi 40 °C
- Échauffement maxi admissible 80 K
- Réserve thermique + 10 K

Échauffement classe E
- Température ambiante maxi 40 °C
- Échauffement maxi admissible 75 K
- Réserve thermique + 5 K

Température des différentes classes d'isolation
- Classe E 120 °C
- Classe B 130 °C
- Classe F 155 °C
- Classe H 180 °C

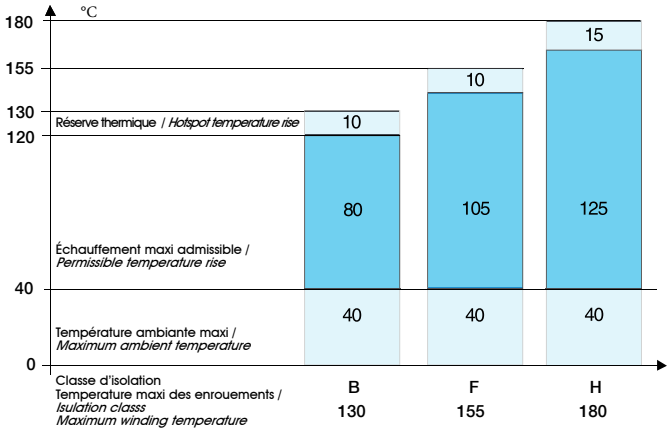
SNE uses class F insulation systems, which, with temperature rise B, is the most common requirement among industry today.

The use of Class F insulation with Class B temperature rise gives SNE product a 25°C safety margin. This can be used to increase the loading for limited periods, to operate at highter ambient temperatures or altitudes, or with greater voltage and frequency tolerances. It can also be used to extend insulation life. For instance, a 10 K temperature will extend the insulation life.

Classe F insulation system
- *Max ambient temperature 40°C*
- *Max permissible temperature rise 105 K*
- *Hotspot temperature margin +10 K*

Classe B rise
- *Max ambient temperature 40°C*
- *Max permissible temperature rise 80 K*
- *Hotspot temperature margin +10 K*

Insulation system temperature class
- *Classe F 155°C*
- *Classe B 130°C*
- *Class H 180°C*



Réserve thermique par classe d'isolation / *Safety margins per insulation class*

Service de fonctionnement / *Service of operation*

Moteurs en fonctionnement à 60 Hz

Les moteurs bobinés pour une certaine tension à 50 Hz peuvent fonctionner à 60 Hz sans modification, sous réserve des corrections ci-dessous de leurs caractéristiques :

Motor under operation with 60 Hz

The motor for a certain tension with 50 Hz can function to 60 Hz without modification, subject to the corrections below of their characteristics:

Moteur bobiné pour 50 Hz et / *Motor with 50 Hz and*	Relié à un réseau 60 Hz et / *Connected to a network 60 Hz and*	Données à 60 Hz en % des valeurs à 50 Hz / *Data with 60 Hz in % of the values with 50 Hz* (1)						
		Puissance % / *Power %*	Vitesse %	Courant % / _____	Id/In %	Cn %	Cd/Cn %	Cmax/Cn %
220 V	220 V	100	120	88	83	83	70	85
	225 V	115	120	100	100	96	95	98
380 V	380 V	100	120	98	83	83	70	85
	440 V	115	120	100	100	96	95	98
	460 V	120	120	100	105	100	100	103
400 V	380 V	100	120	100	80	83	66	80
	400 V	100	120	98	83	83	70	85
	440 V	110	120	100	95	91	85	93
	460 V	115	120	100	100	96	95	98
	480 V	120	120	100	105	100	100	100
414 V	460 V	110	120	98	95	91	85	94
	480 V	115	120	100	100	96	95	98
500 V	575 V	115	120	100	100	96	95	98
	600 V	120	120	100	105	100	100	103

(1) Id/In = Courant de démarrage/Courant nominal - Cn = Couple nominal - Cd/Cn = Couple au démarrage/Couple nominal - Cmax/Cn = Couple max/Couple nominal / *Id/In = Rated current/Inrush current - Cn = nominal Couple - Cd/Cn = Couple with starting/nominal Couple - Cmax/Cn = Couple max/nominal Couple/*

Puissance en service temporaire ou intermittent

Pour un moteur et une charge donnés, l'échauffement atteint dans un fonctionnement en service temporaire ou intermittent, est en principe inférieur à celui relevé en service continu. En d'autres termes, un moteur peut délivrer, en service temporaire ou intermittent, une puissance supérieure à celle en service continu. Le tableau ci-après donne, pour différents types de moteurs, la marge de puissance qu'il existe entre des fonctionnements à service temporaire S2 ou intermittent S3, et à service continu S1.
Les valeurs sont communiquées à titre indicatif, elles peuvent être différentes d'une construction à une autre.

Power in temporary or intermittent service

For a given engine and a load, the heating reached in an operation in temporary or intermittent service, is in theory lower than that raised in continuous service. In other words, an engine can deliver, in temporary or intermittent service, a power higher than that in continuous service. The table hereafter gives, for various types of engines, the margin of power which there exists between functions ments with temporary service S2 or intermittent S3, and with continuous service S1.
The values are communicated as an indication, they can be different from a construction to another.

Service temporaire S2 / *Temporary service S2*	Nombre de pôles / *Many poles*	Puissance permise en % de puissance nominale en service continu S1 pour des moteurs de taille / *Power allowed in % of nominal nominal output in continuous service S1 for engines of size:*		
		63-100	112-250	280-355
30 mm	2	105	120	120
	4-8	110	120	120
60 mm	2-8	100	110	110

Service temporaire S3 / *Temporary service S3*	Nombre de pôles / *Many poles*	Puissance permise en % de puissance nominale en service continu S1 pour des moteurs de taille / *Power allowed in % of nominal output in continuous service S1 for engines of size:*		
		63-100	112-250	280-355
15 %	2	115	145	140
	4	140	145	140
	6-8	140	140	140
25 %	2	110	130	130
	4	130	130	130
	6-8	135	125	130
40 %	2	110	110	120
	4	120	110	120
	6-8	125	108	120
60 %	2	105	107	110
	4	110	107	110
	6-8	115	105	110

Caractéristiques de fabrication - Aluminium

Carcasse			63	71	80	90	100	112	132	160
Caractérisitiques génèrales										
Conditions d'utilisation normales			Altitude inferieure à 1000m, temperature ambiante comprise entre -20°C et +40°C, pression atmosphérique 1050 hPA							
Niveau de protection			IP55							
Protection Mécanique			IK08 choc mécanique 5J							
Mise à la terre			Une à l'interieur de la boite à bornes et une sur la carcasse							
Refroidissement			Ventilateur de refroidissement IC411 (ventilation forcée sur demande)							
Anneaux de levage			Oui							
Peinture			RAL 7004			RAL 9007				
Boite à bornes			Orientable en rotation							
Pattes de fixation			Amovible							
Caractérisitiques mécaniques										
Matière	Carcasse		Alliage d'Aluminium coulé sous pression							
	Arbre		AISI 1040/45							
	Ventilateur		Polypropylène chargé fibre de verre							
	Capot de ventilateur		Acier							
	Flasques		Fonte EN-GJL-200/GG20/GRS200							
	Boites à bornes		Alliage d'Aluminium coulé sous pression							
	Visserie		Acier 5G galvanisée							
	Plaque signalétique		Acier							
Trou de purge			Sur demande							
Roulements	Jeu coté transmission		ZZ C3							
	Jeu opposé à la transmission		ZZ C3							
	Blocage		Rondelle de précharge							
	Coté transmission	2P	6201	6202	6204	6205	6206	6306	6308	6209
		4P-6P	6201	6202	6204	6205	6206	6306	6308	6209
	Coté opposé à la transmission	2P	6201	6201	6204	6204	6206	6306	6208	6209
		4P-6P	6201	6201	6204	6204	6206	6306	6208	6209
Etancheité roulement			Seal Ring							
Lubrification	Type de graisse		Mobil Polyrex							
	Graisseur		Roulements protégés à vie							
	Sortie de graisse		Non disponible							
Intervalles de lubrification	50HZ	2P	20000h							
		4P	40000h							
		6P	40000h							
	60HZ	2P	15000h							
		4P	30000h							
		6P	30000h							
Presses etoupes			Fournis en standard							
	Sorties de câbles		1X M16*1,5	1X M16*1,5	1X M20*1,5	1X M20*1,5	1X M20*1,5	1X M20*1,5	1X M25*1,5	2X M32*1,5
	Sortie sondes		-	-	-	-	-	-	-	M16*1,5
Equilibrage			Avec demi clavette							
Sens de rotation			Dans les 2 deux sens							
Tolérance arbre			J6						K6	
Caractérisitiques électriques										
Tolerance			Tension +/-5%, fréquence +/-2%, tension et fréquence combinées +/-5%							
Tension standard			220-240/380-415 // 440-460V						380-415/660 // 440-460V	
Bobinage	Matiére		Cuivre							
	Imprégnation		Immersion							
	Isolation standard		Classe F (classe H en option)							
	Tropicalisation		Standard							
Facteur de service			S1							
Rotor			Aluminium coulé sous pression							
Protection thermique	PTC		Sans protection (options)							
	PTO		Options							
	PT100		Options							
Résistances de réchauffage			Options							
Codeur			Options							
Niveau sonore	Niveau de pression acoustique CEI 60034-9 Lpa dB(A) à 50HZ	2P	54	58	60	64	67	68	73	73
		4P	44	45	50	50	54	64	66	66
		6P	43	43	43	44	49	56	57	61
	Niveau de pression acoustique CEI 60034-9 Lpa dB(A) à 60HZ	2P	58	62	64	68	71	72	77	77
		4P	48	49	54	54	58	68	70	70
		6P	47	47	47	48	53	60	61	65
Vibration suivant norme CEI 60034-14 Classe N			1,8mm/s							
Emballage			Carton + polystyren							Caisse bois + film plastique

Caractéristiques de fabrication - Fonte

Carcasse			160	180	200	225	250	280	315	335	400-710
Caractérisitiques génèrales											
Conditions d'utilisation normales			Altitude inferieure à 1000m, temperature ambiante comprise entre -20°C et +40°C, pression atmosphérique 1050 hPA								
Niveau de protection			IP55								
Protection Mécanique			IK08 choc mécanique 5J								
Mise à la terre			Une à l'interieur de la boite à bornes et une sur la carcasse								
Refroidissement			Ventilateur de refroidissement IC411 (ventilation forcée sur demande)								
Anneaux de levage			Oui								
Peinture			RAL 9007								
Boite à bornes			Orientable en rotation								Fixe
Pattes de fixation			Fixe								
Caractérisitiques mécaniques											
Matière	Carcasse		Fonte EN-GJL-200/GG20/GRS200								
	Arbre		AISI 1040/45								
	Ventilateur		Polypropylène chargé fibre de verre								Aluminium
	Capot de ventilateur		Acier								
	Flasques		Fonte EN-GJL-200/GG20/GRS200								
	Boites à bornes		Fonte EN-GJL-200/GG20/GRS200								
	Visserie		Acier 5G galvanisée								
	Plaque signalétique		Acier								
Trou de purge			Avec bouchon de purge plastique								
Roulements	Jeu coté transmission		C3								
	Jeu opposé à la transmission		C3								
	Blocage		Bloqué côté arbre avec contre plateau								
	Coté transmission	2P	6309C3	6311C3	6312C3	6312C3	6314C3	6316C3	6316C3	6319C3	
		4P-6P	6309C3	6311C3	6312C3	6312C3	6314C3	6316C3	NU316	NU322	
	Coté opposé à la transmission	2P	6309C3	6311C3	6312C3	6312C3	6314C3	6316C3	6316C3	6319C3	
		4P-6P	6309C3	6311C3	6312C3	6312C3	6314C3	6316C3	NU319	NU322	
Etancheité roulement			Seal Ring								
Lubrification	Type de graisse		Mobil Polyrex								
	Graisseur		Roulements avec graisseurs								
	Sortie de graisse		Sortie de graisse par le flasque point bas								
Intervalles de lubrification	50HZ	2P	12000	9000	8000	6500	4000	3500	3200	3200	
		4P	21500	18500	17500	16500	11500	10500	5300	2800	
		6P	24000	24000	24000	24000	18000	17000	7000	5400	
	60HZ	2P	9000	7000	5500	4000	2500	2000	1900	1900	
		4P	18000	15500	14500	13000	9000	8000	4000	2000	
		6P	21000	21000	23000	22000	15000	14000	8500	4800	
Presses etoupes			Fournis en standard								
	Sorties de câbles		2X M40*1,5	2X M40*1,5	2X M50*1,5	2X M50*1,5	2X M63*1,5	2X M63*1,5	2X M63*1,5	2X M63*1,5	
	Sortie sondes		M16*1,5	M16*1,5	M16*1,5	M16*1,5	M20*1,5	M20*1,5	M20*1,5	M20*1,5	
Equilibrage			Avec demi clavette								
Sens de rotation			Dans les 2 deux sens								
Tolérance arbre			K6		M6						
Caractérisitiques électriques											
Tolerance			Tension +/-5%, fréquence +/-2%, tension et fréquence combinées +/-5%								
Tension standard			380-415/660 // 440-460V								
Bobinage	Matiére		Cuivre								
	Imprégnation		Sous vide								
	Isolation standard		Classe F (classe H en option)								
	Tropicali		Standard								
Facteur de service			S1								
Rotor			Aluminium coulé sous pression								
Protection thermique	PTC		3 sondes CTP montées en série avec déclenchement 155°C								
	PTO		Options								
	PT100		Options								
Résistances de réchauffage			Options								
Codeur			Options								
Niveau sonore	Niveau de pression acoustique CEI 60034-9 Lpa dB(A) à 50HZ	2P	73	69	72	75	75	77	77	83	
		4P	62	62	63	66	67	69	74	76	
		6P	59	59	63	63	65	68	73	76	
	Niveau de pression acoustique CEI 60034-9 Lpa dB(A) à 60HZ	2P	77	73	76	79	79	81	81	87	
		4P	66	66	67	70	71	73	78	80	
		6P	63	63	67	67	69	72	77	80	
Vibration suivant norme CEI 60034-14 Classe N			2,8mm/s						3,5mm/s		
Emballage			Caisse bois + film plastique								

Construction features- Aluminium

Frame			63	71	80	90	100	112	132	160
General technical features										
Ambient conditions			Not more than 1000m above sea level, ambient air temperature range -20°C/+40°C, maximum relative humidity of 90%							
Degrees of protection			IP55							
Mechanical protection			IK08 impact energy joule 5J							
Earthing system			Simple grounding (one inside the terminal box and one on the frame)							
Cooling			Totally enclosed fan cooled - IC411							
Eyebolts			Yes							
Painting color			RAL 7004			RAL 9007				
Terminal box			Turnable outboard							
Feet			Amovible							
Mechanical features										
Construction	Frame		Aluminium die casting							
	Shaft		AISI 1040/45							
	Cooling fan		Glass reinforced polypropylene							
	Fan cover		Steel							
	Shield		Cast iron EN-GJL-200/GG20/GRS200							
	Terminal box		Aluminium die casting							
	Screws		Galvanized steel 5G							
	Name plate		Steel							
Drain hole			On request							
Bearings	Clearance D.E.		ZZ C3							
	Clearance N.D.E.		ZZ C3							
	Locking		Preload washer							
	Drive end side	2P	6201	6202	6204	6205	6206	6306	6308	6209
		4P-6P	6201	6202	6204	6205	6206	6306	6308	6209
	Non drive end side	2P	6201	6201	6204	6204	6206	6306	6208	6209
		4P-6P	6201	6201	6204	6204	6206	6306	6208	6209
Bearing seal			Seal Ring							
Lubrification	Type of grease		Mobil Polyrex							
	Grease nipple		Life lubrificated							
	Grease leaks		Not available							
Lubrification interval	50HZ	2P	20000h							
		4P	40000h							
		6P	40000h							
	60HZ	2P	15000h							
		4P	30000h							
		6P	30000h							
Cable gland			Fournis en standard							
	Main plug		1X M16*1,5	1X M16*1,5	1X M20*1,5	1X M20*1,5	1X M20*1,5	1X M20*1,5	1X M25*1,5	2X M32*1,5
	Accessory		-	-	-	-	-	-	-	M16*1,5
Balance			With half key							
Direction of rotation			In two ways							
Shaft tolerance			J6						K6	
Electrical features										
Tolerance			Allow voltage fluctuation +/-5%, frequency fluctuation +/-2%, voltage and frequency fluctuations +/-5% combined							
Standard voltage			220-240/380-415 // 440-460V						380-415/660 // 440-460V	
Winding	Material		Copper							
	Impregnation		Immersion							
	Insulation standard		Class F (class H in option)							
	Tropicalized		Standard							
Service factor			S1							
Rotor			Aluminium die casting							
Thermal detectors protection	PTC		Options							
	PTO		Options							
	PT100		Options							
Heating systems			Options							
Encoder			Options							
Acoustic level	Sound pressure level CEI 60034-9 Lpa dB(A) at 50HZ	2P	54	58	60	64	67	68	73	73
		4P	44	45	50	50	54	64	66	66
		6P	43	43	43	44	49	56	57	61
	Sound pressure level CEI 60034-9 Lpa dB(A) at 60HZ	2P	58	62	64	68	71	72	77	77
		4P	48	49	54	54	58	68	70	70
		6P	47	47	47	48	53	60	61	65
Vibration defending CEI norm 60034-14 Class N			1,8mm/s							
Packaging			Card box + polystyren							Wooden case + Plastic film

Construction features - Cast iron

Frame			160	180	200	225	250	280	315	335	400-710
General technical features											
Ambient conditions			Not more than 1000m above sea level, ambient air temperature range -20°C/+40°C, maximum relative humidity of 90%								
Degrees of protection			IP55								
Mechanical protection			IK08 impact energy joule 5J								
Earthing system			Simple grounding (one inside the terminal box and one on the frame)								
Cooling			Totally enclosed fan cooled - IC411								
Eyebolts			Yes								
Painting color			RAL 9007								
Terminal box			Turnable outboard								Fixed mounting
Feet			Fixe mounting								
Mechanical features											
Construction	Frame		Cast iron EN-GJL-200/GG20/GRS200								
	Shaft		AISI 1040/45								
	Cooling fan		Glass reinforced polypropylene								Aluminium
	Fan cover		Steel								
	Shield		Cast iron EN-GJL-200/GG20/GRS200								
	Terminal box		Cast iron EN-GJL-200/GG20/GRS200								
	Screws		Steel 5G galvanisée								
	Name plate		Steel								
Drain hole			Drain hole on standard								
Bearings	Clearance D.E.		C3								
	Clearance N.D.E.		C3								
	Locking		Locked on drive end with bearing cover								
	Drive end side	2P	6309C3	6311C3	6312C3	6312C3	6314C3	6316C3	6316C3	6319C3	
		4P-6P	6309C3	6311C3	6312C3	6312C3	6314C3	6316C3	NU316	NU322	
	Non drive end side	2P	6309C3	6311C3	6312C3	6312C3	6314C3	6316C3	6316C3	6319C3	
		4P-6P	6309C3	6311C3	6312C3	6312C3	6314C3	6316C3	NU319	NU322	
Baering seal			Seal Ring								
Lubrification	Type of grease		Mobil Polyrex								
	Grease nipple		With grease fitting								
	Grease leaks		Grease drain hole at the bottom								
Lubrification interval	50HZ	2P	12000	9000	8000	6500	4000	3500	3200	3200	
		4P	21500	18500	17500	16500	11500	10500	5300	2800	
		6P	24000	24000	24000	24000	18000	17000	7000	5400	
	60HZ	2P	9000	7000	5500	4000	2500	2000	1900	1900	
		4P	18000	15500	14500	13000	9000	8000	4000	2000	
		6P	21000	21000	23000	22000	15000	14000	8500	4800	
Cable gland			Standard								
	Main plug		2X M40*1,5	2X M40*1,5	2X M50*1,5	2X M50*1,5	2X M63*1,5	2X M63*1,5	2X M63*1,5	2X M63*1,5	
	Accessory		M16*1,5	M16*1,5	M16*1,5	M16*1,5	M20*1,5	M20*1,5	M20*1,5	M20*1,5	
Balance			With half key								
Direction of rotation			In two ways								
Shaft tolerance			K6		M6						

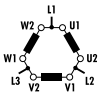
Electrical features

Tolerance			Allow voltage fluctuation +/-5%, frequency fluctuation +/-2%, voltage and frequency fluctuations +/-5% combined							
Standard voltage			380-415/660 // 440-460V							
Winding	Material		Copper							
	Impregnation		Vacuum							
	Insulation standard		Class F (class H in option)							
	Tropicalized		Standard							
Service factor			S1							
Rotor			Aluminium die casting							
Thermal detectors protection	PTC		3 x CTP 155°C							
	PTO		Options							
	PT100		Options							
Heating systems			Options							
Encoder			Options							
Acoustic level	Sound pressure level CEI 60034-9 Lpa dB(A) at 50HZ	2P	73	69	72	75	75	77	77	83
		4P	62	62	63	66	67	69	74	76
		6P	59	59	63	63	65	68	73	76
	Sound pressure level CEI 60034-9 Lpa dB(A) at 60HZ	2P	77	73	76	79	79	81	81	87
		4P	66	66	67	70	71	73	78	80
		6P	63	63	67	67	69	72	77	80
Vibration defending CEI norm 60034-14 Class N			2,8mm/s						3,5mm/s	
Packaging			Wooden case + Plastic film							

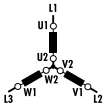
Couplages / *Couplings*

Couplage des moteurs triphasés monovitesse

Triangle (Δ)



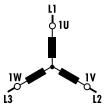
Étoile (Y)



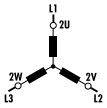
Couplage des moteurs triphasés bivitesse

Deux enroulements séparés Y / Y

Petite vitesse



Grande vitesse

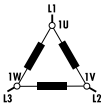


Petite vitesse

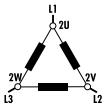
Grande vitesse

Deux enroulements séparés Δ / Δ

Petite vitesse



Grande vitesse

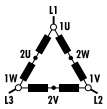


Petite vitesse

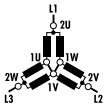
Grande vitesse

Couplage Dahlander Δ / Y
Pour couple constant

Petite vitesse

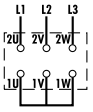


Grande vitesse



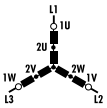
Petite vitesse

Grande vitesse

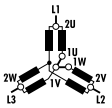


Couplage Dahlander Y / YY
Pour couple quadratique

Petite vitesse

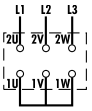


Grande vitesse



Petite vitesse

Grande vitesse



Basse tension
Low voltage

Moteurs gamme Aluminium / *Motors range Aluminum*

MSHE
(230V - 400V / 400V - 690V)
- IE1/1E2
PAGE 16

YE2
(400V - 690V) - IE2
PAGE 21

Moteurs gamme Fonte / *Motors range cast iron*

YX3
(400V - 690V) - IE3
PAGE 23

Y3
(400V - 690V)
Serie compact
Compact series - IE1
PAGE 31

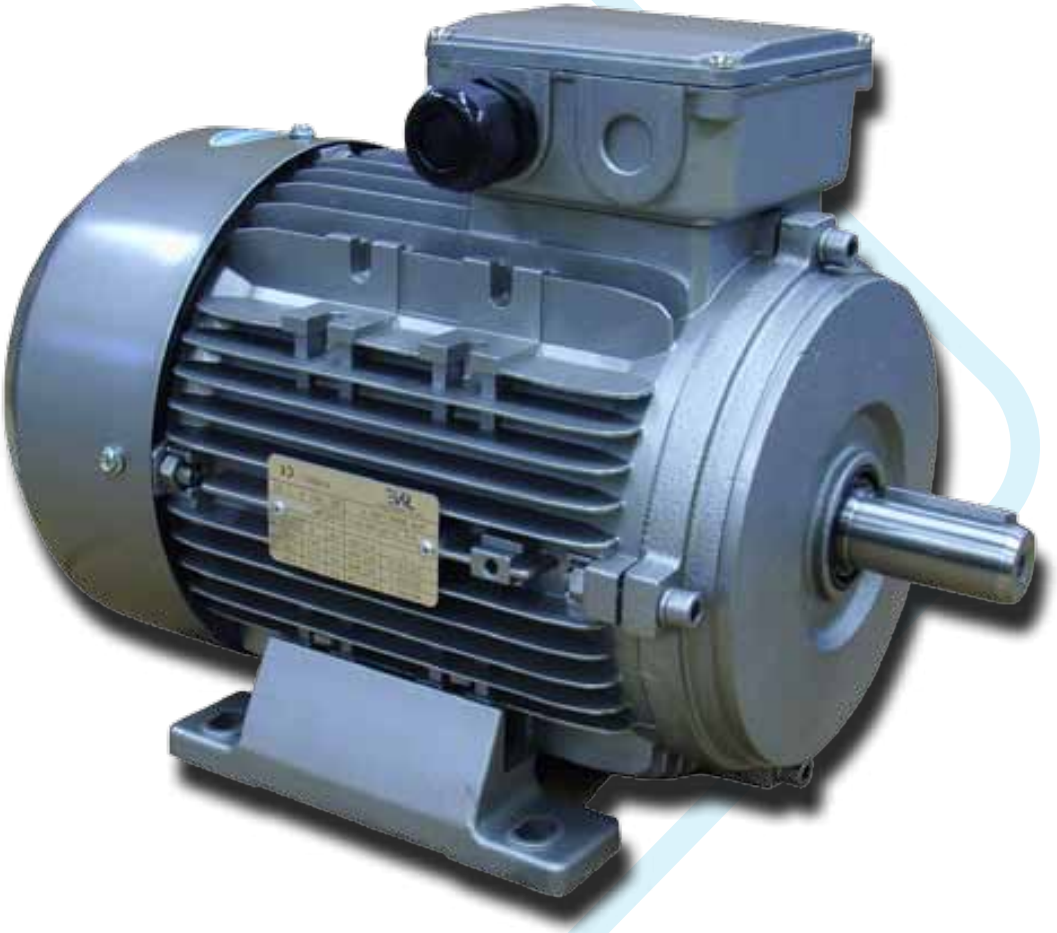
ASA
(230V - 400V / 400V - 690V)
Exd/Ex de II CT4 - IE1
PAGE 35

E2-ASA
(230V - 400V / 400V - 690V)
Exd/Ex de II CT4 - IE2
PAGE 44

YGP
Moteur de table à rouleau
Roller table motor
PAGE 52

MSHE
(230V - 400V / 400V - 690V) - IE1/IE2

Puissance / *Power* : 0,12 kW / 11 kW
Nombre pôles / *Poles number* : 2/4/6
Taille / *Size* : 56 - 160
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5



MSHE (230V-400V / 400V - 690V) - IE1

Vitesse / *Speed* - 3 000 RPM - 2 pôles 50HZ

Puissance / *Output*		Type	Vitesse / *Speed*	Courant / *Current*			Rendement / *Efficiency*	Facteur de Puissance / Power Facteur	Courant de Démarrage / *Starting Curent*	Couple de Démarrage / *Starting Torque*	Couple Maximum / *Starting Torque*	Poids / *Mass*
Kw	HP		RPM	(A)			μ (%)	Cos ø	Is/Ir	Ms/Mr	Mmax/MR	Kg
				230V	400V	690V						
0.12	0.16	MS562-2	2700	0.65	0.38	-	65	0.71	5.5	2.3	2.3	4.8
0.18	0.25	MS631-2	2760	0.95	0.55	-	63	0.75	5.5	2.2	2.2	5
0.25	0.33	MS632-2	2760	1.23	0.71	-	65	0.78	5.5	2.2	2.2	5.3
0.37	0.50	MS711-2	2800	1.75	1.01	-	66	0.80	6.1	2.2	2.2	6.5
0.55	0.75	MS712-2	2800	2.36	1.36	-	71	0.82	6.1	2.2	2.3	7

Vitesse / *Speed* - 1 500 RPM - 4 pôles 50HZ

Puissance / *Output*		Type	Vitesse / *Speed*	Courant / *Current*			Rendement / *Efficiency*	Facteur de Puissance / Power Facteur	Courant de Démar-rage / *Starting Curent*	Couple de Démar-rage / *Starting Torque*	Couple Maximum / *Starting Torque*	Poids / *Mass*
Kw	HP		RPM	(A)			μ (%)	Cos ø	Is/Ir	Ms/Mr	Mmax/MR	Kg
				230V	400V	690V						
0.12	0.16	MS631-4	1350	0.87	0.50	-	55	0.63	4.4	2.1	2.2	4.8
0.18	0.25	MS632-4	1350	1.14	0.66	-	60	0.66	4.4	2.1	2.2	5
0.25	0.33	MS711-4	1370	1.53	0.88	-	60	0.68	5.2	2.1	2.2	6.3
0.37	0.50	MS712-4	1370	1.98	1.14	-	65	0.72	5.2	2.1	2.3	7
0.55	0.75	MS801-4	1390	2.81	1.62	-	67	0.73	5.2	2.4	2.3	9

Vitesse / *Speed* - 1 000 RPM - 6 pôles 50HZ

Puissance / *Output*		Type	Vitesse / *Speed*	Courant / *Current*			Rendement / *Efficiency*	Facteur de Puissance / Power Facteur	Courant de Démar-rage / *Starting Curent*	Couple de Démar-rage / *Starting Torque*	Couple Maximum / *Starting Torque*	Poids / *Mass*
Kw	HP		RPM	(A)			μ (%)	Cos ø	Is/Ir	Ms/Mr	Mmax/MR	Kg
				230V	400V	690V						
0.12	0.16	MS632-6	840	1.08	0.62	-	56	0.62	3.5	2	2.1	5
0.18	0.25	MS711-6	880	1.22	0.70	-	56	0.66	4.0	1.9	2.0	6
0.25	0.33	MS712-6	880	1.51	0.87	-	61	0.68	4.0	1.9	2.0	6.5
0.37	0.50	MS801-6	900	2.13	1.23	-	62	0.70	4.7	1.9	2.0	9
0.55	0.75	MS802-6	900	2.85	1.65	-	67	0.72	4.7	1.9	2.1	10.5

MSHE (230V-400V / 400V - 690V) - IE2

Vitesse / *Speed* - 3 000 RPM - 2 pôles 50HZ

Puissance / *Output*		Type	Vitesse / *Speed*	Courant / *Current*			Rendement / *Efficiency*			Facteur de Puissance / Power Facteur			Couple / Torque			Courant de Démarrage / *Starting Current*		Poids / *Mass*
			RPM	(A)			μ (%)			Cos ø			Nm	Ms/ Mr	MAX	Is/Ir	dB	Kg
HP	KW			230V	400V	690V	100%	75%	50%	100%	75%	50%						
1	0.75	MSHE-80A	2850	3.00	1.72	-	77.5	77.1	74.7	0.81	0.70	0.55	2.48	2.5	3	5.3	62	9
1.5	1.1	MSHE-80B	2850	4.18	2.41	-	80.5	80.6	78.9	0.82	0.78	0.67	3.64	3.2	3.8	7	62	11
2	1.5	MSHE-90S	2880	5.47	3.14	-	82.0	82.1	81.7	0.84	0.78	0.67	4.96	2.7	3.5	7.1	67	14.6
3	2.2	MSHE-90L	2880	7.75	4.46	-	83.8	82.9	82.2	0.85	0.78	0.66	7.27	2.4	3	6.9	67	17.2
4	3	MSHE-100L	2887	10.22	5.88	-	84.7	84.6	82.8	0.87	0.78	0.77	9.9	3.2	4	8	74	24
5.5	4	MSHE-112M	2905	13.27	7.63	4.42	86.0	86.9	85.4	0.88	0.84	0.77	13.19	2.5	3	7.5	77	30.4
7.5	5.5	MSHE-132SA	2909	18.03	10.37	6.01	87.0	86.2	84.8	0.88	0.84	0.77	17.89	2.7	3.5	7.5	79	46
10	7.5	MSHE-132SB	2913	23.90	13.74	7.97	88.5	88.9	87.8	0.89	0.84	0.76	24.57	2.4	3.3	7.5	79	51.2
15	11	MSHE-160M2	2935	34.6	20.0	11.5	89.4	89.6	88.3	0.89	0.85	0.82	35.67	2.2	2.3	7.5	81	74

Vitesse / *Speed* - 1 500 RPM - 4 pôles 50HZ

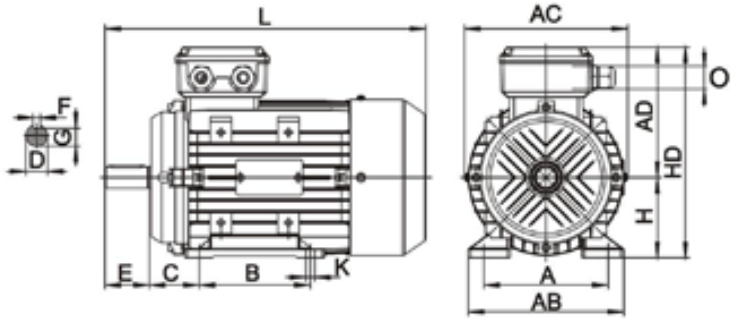
Puissance / *Output*		Type	Vitesse / *Speed*	Courant / *Current*			Rendement / *Efficiency*			Facteur de Puissance / Power Facteur			Couple / Torque			Courant de Démarrage / *Starting Current*		Poids / *Mass*
			RPM	(A)			μ (%)			Cos ø			Nm	Ms/ Mr	MAX	Is/Ir	dB	Kg
HP	KW			230V	400V	690V	100%	75%	50%	100%	75%	50%						
1	0.75	MSHE-80B	1410	3.15	1.81	-	79.6	79.2	78.4	0.75	0.71	0.58	4.99	2.4	2.4	2.9	56	11.4
1.5	1.1	MSHE-90S	1415	4.91	2.82	-	81.5	80.6	77.6	0.69	0.59	0.45	7.32	3	3.5	6	59	15.6
2	1.5	MSHE-90L	1418	6.77	3.89	-	83.0	80.9	77.5	0.67	0.58	0.44	9.95	3.2	3.8	6.8	59	18.6
3	2.2	MSHE-100LA	1430	8.38	4.82	-	84.5	84.6	83.7	0.78	0.72	0.60	14.44	3.5	3	7	64	26
4	3	MSHE-100LB	1431	11.29	6.49	-	85.5	85.3	83.9	0.78	0.72	0.60	16.69	2.6	3.3	7	64	30.6
5.5	4	MSHE-112M	1440	14.09	8.10	4.68	86.9	87.8	86.9	0.82	0.75	0.63	26.25	3.5	4	7.5	65	39
7.5	5.5	MSHE-132S	1453	19.86	11.42	6.60	88.0	87.7	86.9	0.79	0.73	0.62	35.98	2.2	2.8	6.4	71	52
10	7.5	MSHE-132M	1455	25.65	14.83	8.60	89.0	88.8	88.3	0.82	0.75	0.63	49.06	2.4	3	7	71	62
15	11	MSHE-160M	1465	35.6	20.8	12	89.8	89.6	88.8	0.84	0.78	0.64	71.46	2.1	2.8	6.9	73	84

Vitesse / *Speed* - 1 000 RPM - 6 pôles 50HZ

Puissance / *Output*		Type	Vitesse / *Speed*	Courant / *Current*			Rendement / *Efficiency*			Facteur de Puissance / Power Facteur			Couple / Torque			Courant de Démarrage / *Starting Current*		Poids / *Mass*
			RPM	(A)			μ (%)			Cos ø			Nm	Ms/ Mr	MAX	Is/Ir	dB	Kg
HP	KW			230V	400V	690V	100%	75%	50%	100%	75%	50%						
1	0.75	MSHE-90S	930	3.59	2.06	-	76	76.2	75.1	0.69	0.60	0.44	7.54	2.5	3	5.3	57	14.9
1.5	1.1	MSHE-90L	930	5.05	2.90	-	78.1	77.9	77.8	0.70	0.59	0.45	11.06	3.2	3.8	7	57	19
2	1.5	MSHE-100L	940	6.72	3.87	-	80.0	80.9	78.5	0.70	0.60	0.45	15.00	3.2	4	8	61	24.2
3	2.2	MSHE-112M	960	9.49	5.45	-	82.0	82.1	81.5	0.71	0.59	0.45	22.00	2.5	3	7.5	65	35.2
4	3	MSHE-132S	970	12.53	7.20	4.18	83.5	83.9	82.3	0.72	0.62	0.48	29.38	2.7	3.5	7.5	69	42
5.5	4	MSHE-132MA	970	16.96	9.75	5.65	84.6	84.5	82.4	0.70	0.59	0.45	39.18	2.4	3.3	7.5	69	51
7.5	5.5	MSHE-132MB	970	21.99	12.65	7.33	86.0	85.9	84.7	0.73	0.63	0.49	53.87	2.4	3.3	7.5	69	61
10	7.5	MSHE-160M	980	-	15.9	9.2	89.3	89.5	88.4	0.78	0.68	0.54	73.09	2.1	2.1	6.7	73	111
15	11	MSHE-160L	970	-	22.7	13.1	89.7	89.8	89.2	0.78	0.67	0.54	107.19	2	2.3	6.4	73	82

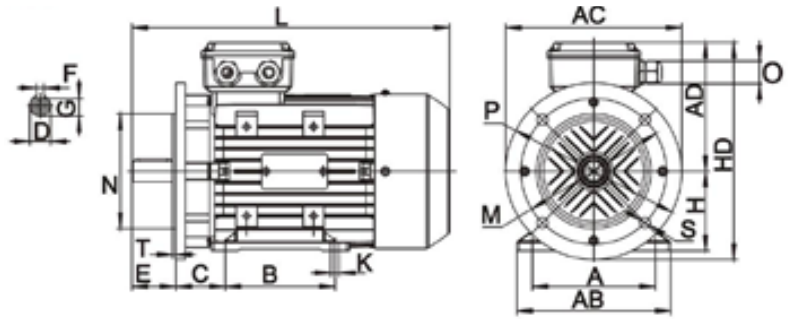
MSHE (230V-400V / 400V - 690V) - IE1/IE2

IMB3



Type	Encombrements / *Dimension*													Arbre / *Shaft*			
IEC	A	B	AA	BB	AB	AC	H	L	HA	HD	K	O	C	D	E	GA	F
MS56	90	71	22	87	106	120	56	195	6	145	5.8	M16	36	9	20	10.2	3
MS63	100	80	24	98	120	130	63	230	7	151	7	M16	40	11	23	12.5	4
MS71	112	90	30	110	135	145	71	255	7	167	7	M16	45	14	30	16	5
MS80	125	100	35	140	160	155	80	285	7	162	7	M20	50	19	40	21.5	6
MS80C	125	100	35	140	160	163	80	295	10	204	10	M20	50	19	40	21.5	6
MS90S	140	100	34	134	174	175	90	330	10	190	10	M20	56	24	50	27	8
MS90L	140	125	34	174	174	185	90	330	10	215	10	M20	56	24	50	27	8
MS90LB	140	125	34	174	174	185	90	345	10	222	12	M20	56	24	50	27	8
MS100L	160	140	40	187	192	215	100	380	11	222	12	M20	63	28	60	31	8
MS100LC	160	140	40	187	192	215	100	400	12	215	12	M20	63	28	60	31	8
MS112M	190	140	42	180	230	240	112	400	12	240	12	M25	70	28	60	31	8
MS112MB	190	140	42	180	230	240	112	420	12	258	12	M25	70	28	60	31	8
MS132S	216	140	57	184	260	275	132	475	13	310	12	M25	89	38	80	41	10
MS132M/L	216	178	57	222	260	275	132	515	13	310	12	M25	89	38	80	41	10
MS160MA, MB	254	210	65	260	314	325	160	615	20	425	15	M40	108	42	110	45	12

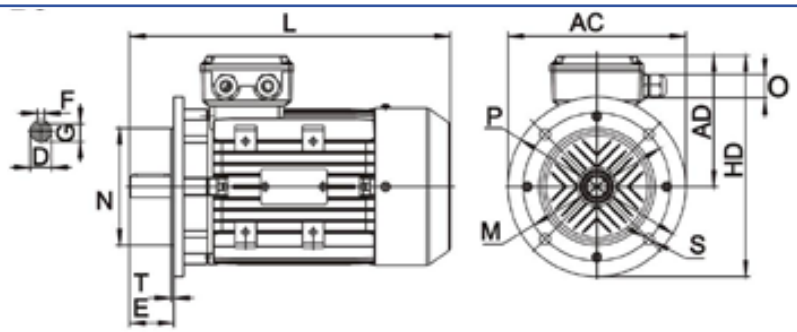
IMB3/IMB5



Type	Encombrements / *Dimension*																					Arbre / *Shaft*			
IEC	A	B	AA	BB	AB	AC	H	L	LB	HA	AD	HD	LA	M	N	P	S	T	K	O	C	D	E	GA	F
MS56	90	71	22	87	106	120	56	195	175	6	89	155	8	100	80	120	7	3	5.8	M16	36	9	20	10.2	3
MS63	100	80	24	98	120	130	63	230	207	7	88	165	10	115	95	140	10	3	7	M16	40	11	23	12.5	4
MS71	112	90	30	110	135	145	71	255	225	7	96	185	8	130	110	160	10	3.5	7	M16	45	14	30	16	5
MS80	125	100	35	140	160	155	80	285	245	10	124	210	10	165	130	200	12	3.5	10	M20	50	19	40	21.5	6
MS80C	125	100	35	140	160	163	80	295	255	10	124	210	10	165	130	200	12	3.5	10	M20	50	19	40	21.5	6
MS90S	140	100	34	134	174	175	90	330	280	10	132	226	10	165	130	200	12	3.5	10	M20	56	24	50	27	8
MS90L	140	125	34	174	174	185	90	330	280	11	132	226	10	165	130	200	12	3.5	12	M20	56	24	50	27	8
MS90LB	140	125	34	174	174	185	90	345	295	12	132	226	10	165	130	200	12	3.5	12	M20	56	24	50	27	8
MS100L	160	140	40	187	192	215	100	380	320	12	140	255	14	215	180	250	15	4	12	M20	63	28	60	31	8
MS100LC	160	140	40	187	192	215	100	400	340	12	178	255	14	215	180	250	15	4	12	M20	63	28	60	31	8
MS112M	190	140	42	180	230	240	112	400	340	12	178	285	14	215	180	250	15	4	12	M25	70	28	60	31	8
MS112MB	190	140	42	180	230	240	112	420	360	12	178	285	14	215	180	250	15	4	12	M25	70	28	60	31	8
MS132S	216	140	57	184	260	275	132	475	395	13	178	325	12	265	230	300	14	4	12	M25	89	38	80	41	10
MS132M/L	216	178	57	222	260	275	132	515	435	13	178	325	12	265	230	300	14	4	12	M25	89	38	80	41	10
MS160MA, MB	254	210	65	260	314	325	160	615	505	20	270	425	15	300	250	350	19	5	15	M40	108	42	110	45	12

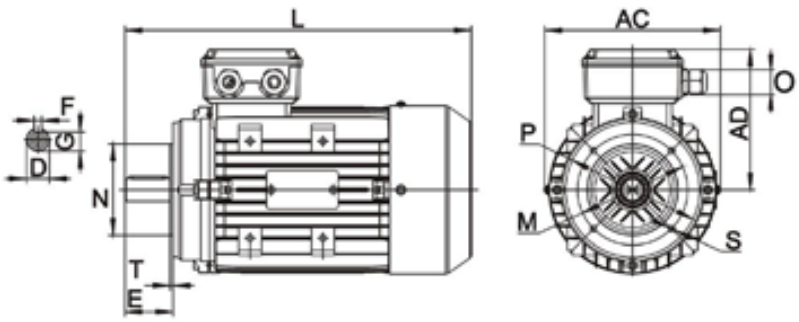
MSHE (230V-400V / 400V - 690V) - IE1/IE2

IMB5



Type	Encombrements / *Dimension*											Arbre / *Shaft*			
IEC	AC	AD	L	LB	LA	M	N	P	S	T	O	D	E	GA	F
MS56	120	89	195	175	8	100	80	120	7	3	M16	9	20	10.2	3
MS63	130	88	230	207	10	115	95	140	10	3	M16	11	23	12.5	4
MS71	145	96	255	225	8	130	110	160	10	3.5	M16	14	30	16	5
MS80	155	96	285	245	10	165	130	200	12	3.5	M20	19	40	21.5	6
MS80C	163	124	295	255	10	165	130	200	12	3.5	M20	19	40	21.5	6
MS90S	175	124	330	280	10	165	130	200	12	3.5	M20	24	50	27	8
MS90L	185	132	330	280	10	165	130	200	12	3.5	M20	24	50	27	8
MS90LB	185	132	345	295	10	165	130	200	12	3.5	M20	24	50	27	8
MS100L	215	132	380	320	14	215	180	250	15	3.5	M20	28	60	31	8
MS100LC	215	132	400	340	14	215	180	250	15	3.5	M20	28	60	31	8
MS112M	240	178	400	340	14	215	180	250	15	4	M25	28	60	31	8
MS112MB	240	178	420	360	14	215	180	250	15	4	M25	28	60	31	8
MS132S	275	178	475	395	12	265	230	300	14	4	M25	38	80	41	10
MS132M/L	275	178	515	435	12	265	230	300	14	4	M25	38	80	41	10
MS160MA, MB	350	270	615	505	15	300	250	350	19	5	M40	42	110	45	12

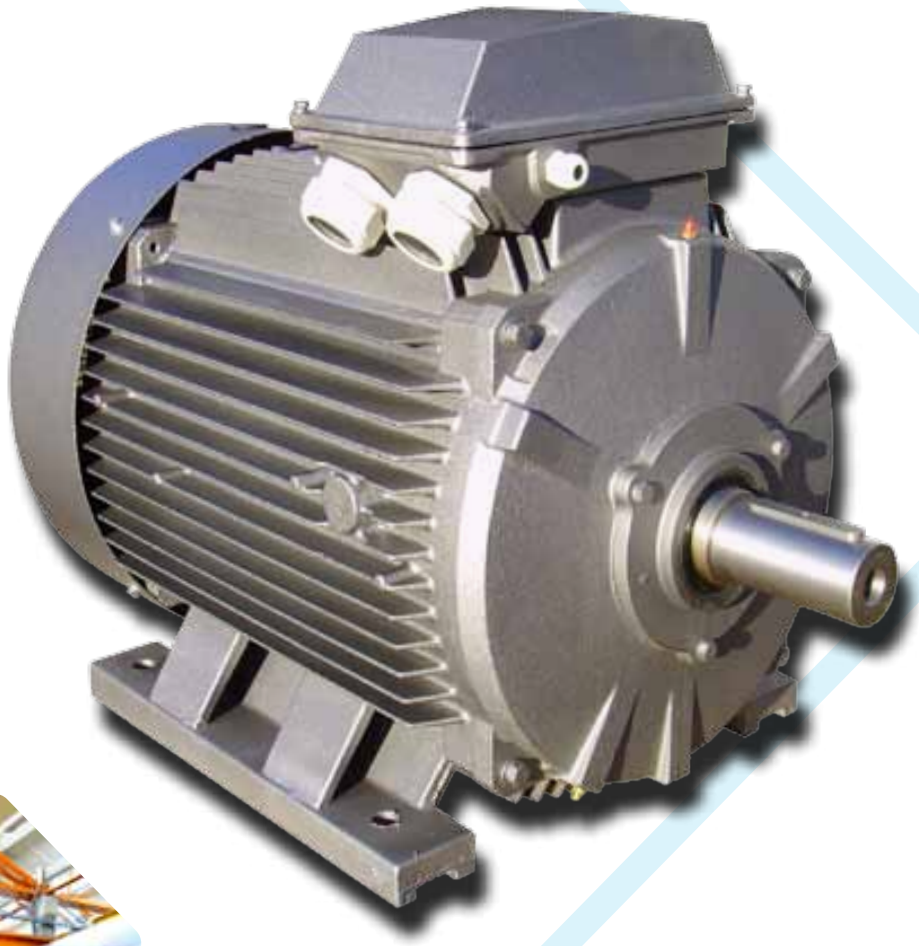
IMB14



Type	Encombrements / *Dimension*									Arbre / *Shaft*				
IEC	AC	AD	L	LB	M	N	P	S	T	O	D	E	GA	F
MS56	120	89	195	175	65	50	80	M5	3	M16	9	20	10.2	3
MS63	130	89	230	207	75	60	90	M5	3	M16	11	23	12.5	4
MS71	145	96	255	225	85	70	105	M6	3.5	M16	14	30	16	5
MS80	155	96	285	245	100	80	120	M6	3.5	M20	19	40	21.5	6
MS80C	163	124	295	255	100	80	120	M6	3.5	M20	19	40	21.5	6
MS90S	175	124	330	280	115	95	140	M8	3.5	M20	24	50	27	8
MS90L	185	132	330	280	115	95	140	M8	3.5	M20	24	50	27	8
MS90LB	185	132	345	295	115	95	140	M8	3.5	M20	24	50	27	8
MS100L	215	132	380	320	130	110	160	M8	3.5	M20	28	60	31	8
MS100LC	215	132	400	340	130	110	160	M8	3.5	M20	28	60	31	8
MS112M	240	178	400	340	130	110	160	M8	4	M25	28	60	31	8
MS112MB	240	178	420	360	130	110	160	M8	4	M25	28	60	31	8
MS132S	275	178	475	395	165	130	200	M10	4	M25	38	80	41	10
MS132M/L	275	178	515	435	165	130	200	M10	4	M25	38	80	41	10

YE2
(400V - 690V) - IE2

Puissance / *Power* : 11 kW / 315 kW
Nombre pôles / *Poles number* : 2/4/6
Taille / *Size* : 160 - 355
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5



YE2 (400V - 690V) - IE2

Vitesse / *Speed* - 3 000 RPM - 2 pôles 50HZ

Type	Puissance / *Output*		Vitesse / *Speed*	(A)			Rendement / *Efficiency*	Facteur de Puissance / Power Facteur	TN				Moment	Noise	Weight
	kW	HP	r/min	230V	400V	690V	100%	Cos ø	Nm	Ist / TN	Tmax / TN	Tst / TN	(J) Kgm2	LwdB (A)	kg
YE2-160M1-2P	11	15	2945		20.0	11.5	89.4	0.890	35.67	2.2	2.3	7.9	0.0489	81	119
YE2-160M2-2P	15	20	2945		26.9	15.5	90.3	0.890	48.64	2.2	2.3	8.0	0.0559	81	128
YE2-160L-2P	18.5	25	2940		33.0	19.1	90.9	0.890	60.09	2.2	2.3	8.1	0.0648	81	134
YE2-180M-2P	22	30	2960		39.1	22.6	91.3	0.890	70.98	2.2	2.3	8.2	0.0808	83	191
YE2-200L1-2P	30	40	2965		52.9	30.5	92	0.890	96.62	2.2	2.3	7.5	0.163	84	237
YE2-200L2-2P	37	50	2965		64.9	37.5	92.5	0.890	119.17	2.2	2.3	7.5	0.172	84	254
YE2-225M-2P	45	60	2965		78.6	45.4	92.9	0.890	144.94	2.2	2.3	7.6	0.302	86	307
YE2-250M-2P	55	75	2965		95.7	55.3	93.2	0.890	176.55	2.2	2.3	7.6	0.420	89	388
YE2-280S-2P	75	100	2980		129.7	74.9	93.8	0.890	240.35	2.0	2.3	6.9	0.986	91	501
YE2-280M-2P	90	125	2970		155.1	89.5	94.1	0.890	288.42	2.0	2.3	7.0	1.04	91	551
YE2-315S-2P	110	150	2980		187.1	108.0	94.3	0.900	352.51	2.0	2.2	7.1	1.33	92	916
YE2-315M-2P	132	180	2980		223.8	129.2	94.6	0.900	423.02	2.0	2.2	7.1	1.50	92	954
YE2-315L1-2P	160	220	2980		267.7	154.6	94.8	0.910	512.75	2.0	2.2	7.1	1.67	92	1083
YE2-315L2-2P	200	270	2980		333.9	192.8	95	0.910	640.94	2.0	2.2	7.1	1.88	92	1178
YE2-355M-2P	250	340	2985		417.4	241.0	95	0.910	799.83	2.0	2.2	7.1	4.02	100	1611
YE2-355L-2P	315	430	2985		525.9	303.6	95	0.910	1007.79	2.0	2.2	7.1	4.86	100	1801

Vitesse / *Speed* - 1 500 RPM - 4 pôles 50HZ

Type	Puissance / *Output*		Vitesse / *Speed*	(A)			Rendement / *Efficiency*	Facteur de Puissance / Power Facteur	TN				Moment	Noise	Weight
	kW	HP	r/min	230V	400V	690V	100%	Cos ø	Nm	Ist / TN	Tmax / TN	Tst / TN	(J) Kgm2	LwdB (A)	kg
YE2-160M-4P	11	15	1470		20.8	12.0	89.8	0.850	71.46	2.2	2.3	7.5	0.0771	73	118
YE2-160L-4P	15	20	1470		27.8	16.1	90.6	0.860	97.12	2.2	2.3	7.5	0.101	73	139
YE2-180M-4P	18.5	25	1475		34.0	19.6	91.2	0.860	119.78	2.2	2.3	7.7	0.152	76	186
YE2-180L-4P	22	30	1475		40.3	23.3	91.6	0.860	142.44	2.2	2.3	7.8	0.187	76	197
YE2-200L-4P	30	40	1480		54.6	31.5	92.3	0.860	193.58	2.2	2.3	7.2	0.285	76	261
YE2-225S-4P	37	50	1485		67.0	38.7	92.7	0.860	237.95	2.2	2.3	7.3	0.473	78	308
YE2-225M-4P	45	60	1485		81.1	46.8	93.1	0.860	289.39	2.2	2.3	7.4	0.554	78	337
YE2-250M-4P	55	75	1480		98.7	57.0	93.5	0.860	352.50	2.2	2.3	7.4	0.751	79	410
YE2-280S-4P	75	100	1490		130.9	75.6	94.0	0.880	480.70	2.2	2.3	6.7	1.92	80	579
YE2-280M-4P	90	125	1490		156.7	90.5	94.2	0.880	576.84	2.2	2.3	6.9	2.32	80	641
YE2-315S-4P	110	150	1490		190.9	110.2	94.5	0.880	705.03	2.2	2.2	6.9	2.34	88	959
YE2-315M-4P	132	180	1490		228.6	132.0	94.7	0.880	846.04	2.2	2.2	6.9	2.58	88	999
YE2-315L1-4P	160	220	1490		273.4	157.8	94.9	0.890	1025.5	2.2	2.2	6.9	2.96	88	1096
YE2-315L2-4P	200	270	1490		341.1	196.9	95.1	0.890	1281.88	2.2	2.2	6.9	3.46	88	1330
YE2-355M-4P	250	340	1490		421.6	243.4	95.1	0.900	1602.35	2.2	2.2	6.9	6.60	95	1638
YE2-355L-4P	315	430	1490		531.2	306.7	95.1	0.900	2018.96	2.2	2.2	6.9	7.55	95	1832

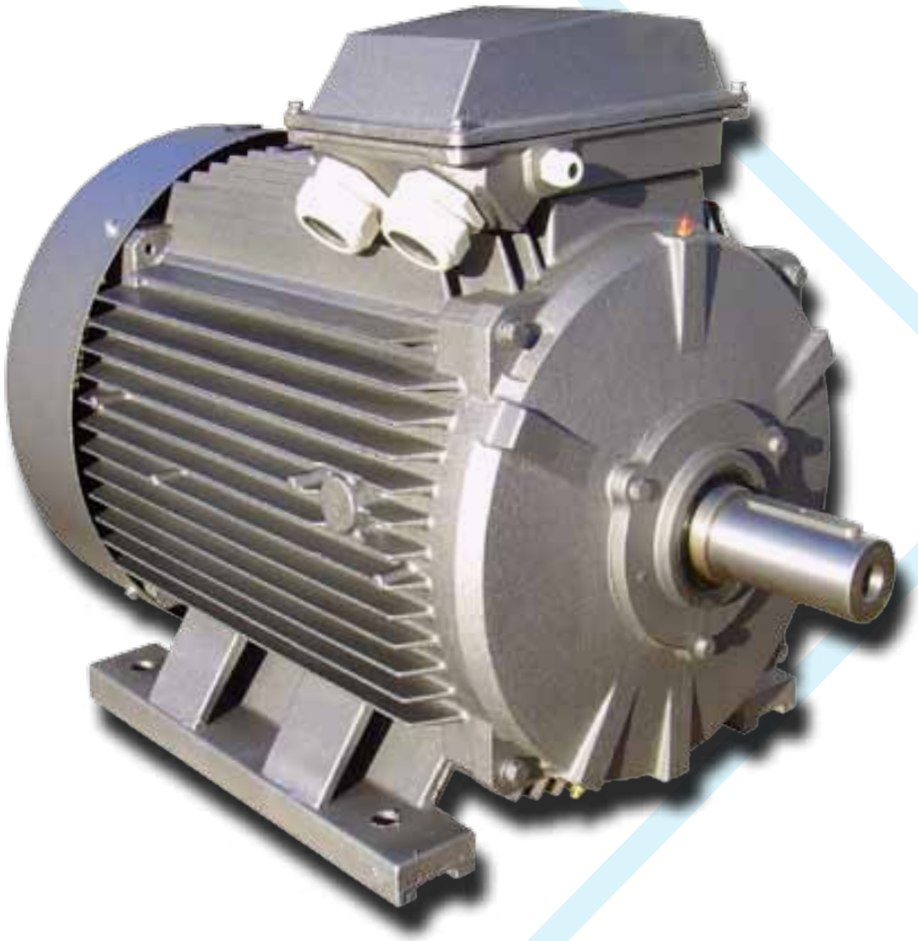
YE2 (400V - 690V) - IE2

Vitesse / *Speed* - 1 000 RPM - 6 pôles 50HZ

Type	Puissance / *Output*		Vitesse / *Speed*	(A)			Rendement / *Efficiency*	Facteur de Puissance / Power Facteur	TN				Moment	Noise	Weight
	kW	HP	r/min	230V	400V	690V	100%	Cos ø	Nm	Ist TN	Tmax TN	Tst TN	(J) Kgm2	LwdB (A)	kg
YE2-160M-6P	7.5	10	980		15.9	9.2	87.2	0.780	73.09	2.1	2.1	6.7	0.0964	73	111
YE2-160L-6P	11	15	980		22.7	13.1	88.7	0.790	107.19	2.1	2.1	6.9	0.127	73	132
YE2-180L-6P	15	20	980		29.8	17.2	89.7	0.810	146.17	2.0	2.1	7.2	0.201	73	176
YE2-200L1-6P	18.5	25	985		36.5	21.1	90.4	0.810	179.36	2.1	2.1	7.2	0.325	73	222
YE2-200L2-6P	22	30	980		42.6	24.6	90.9	0.820	213.30	2.1	2.1	7.3	0.371	73	241.5
YE2-225M-6P	30	40	980		58.3	33.7	91.7	0.810	290.80	2.0	2.1	7.1	0.533	74	292
YE2-250M-6P	37	50	990		69.0	39.8	92.2	0.840	356.92	2.1	2.1	7.1	0.877	76	369
YE2-280S-6P	45	60	990		81.5	47.1	92.7	0.860	434.09	2.1	2.0	7.2	1.85	78	511
YE2-280M-6P	55	75	990		99.2	57.3	93.1	0.860	530.55	2.1	2.0	7.2	2.12	78	656
YE2-315S-6P	75	100	995		135.9	78.5	93.7	0.850	719.85	2.0	2.0	6.7	2.61	83	851
YE2-315M-6P	90	125	995		164.5	95.0	94.0	0.840	863.82	2.0	2.0	6.7	3.04	83	973
YE2-315L1-6P	110	150	995		198.1	114.4	94.3	0.850	1055.78	2.0	2.0	6.7	3.71	83	1022
YE2-315L2-6P	132	180	995		234.2	135.2	94.6	0.860	1266.93	2.0	2.0	6.7	4.24	83	1112
YE2-355M1-6P	160	220	995		280.0	161.7	94.8	0.870	1535.68	2.0	2.0	6.7	7.44	85	1628
YE2-355M2-6P	200	270	995		366.1	211.4	95.0	0.870	1919.6	2.0	2.0	6.7	9.10	85	1760
YE2-355L-6P	250	340	995		436.6	252.1	95.0	0.870	2399.5	2.0	2.0	6.7	10.80	85	1924

YX3
(400V - 690V) - IE3

Puissance / *Power* : 11 kW / 315 kW
Nombre pôles / *Poles number* : 2/4/6/8
Taille / *Size* : 160 - 355
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5



YX3 (400V - 690V) - IE3

Vitesse / *Speed* - 3 000 RPM - 2 pôles 50HZ

Type	Puissance / *Output*		Vitesse / *Speed*	(A)			Rendement / *Efficiency*		Facteur de Puissance / Power Facteur	TN				Moment	Noise	Weight
	kW	HP	r/min	380V	400V	415V	μ (%) 100%	μ (%) 75%	Cos ø	Nm	Tst TN	Tmax TN	Ist TN	(J) Kgm2	LwdB (A)	kg
YX3-160M1-2	11	15	2945	20.7	19.7	19.0	90.5	90.66	0.89	35.67	2.2	2.3	7.9	0.0489	81	121
YX3-160M2-2	15	20	2945	28.0	26.7	25.7	91.3	91.64	0.89	48.64	2.2	2.3	8.0	0.0559	81	132
YX3-160L-2	18.5	25	2940	34.4	32.7	31.5	91.8	92.52	0.89	60.09	2.2	2.3	8.1	0.0648	81	138
YX3-180M-2	22	30	2960	40.7	38.7	37.3	92.2	92.40	0.89	70.98	2.2	2.3	8.2	0.0808	83	191
YX3-200L1-2	30	40	2965	55.1	52.3	50.5	92.9	92.95	0.89	96.62	2.2	2.3	7.5	0.163	84	240
YX3-200L2-2	37	50	2965	67.7	64.3	62.0	93.3	93.14	0.89	119.17	2.2	2.3	7.5	0.172	84	257
YX3-225M-2	45	60	2965	82.0	77.9	75.1	93.7	93.53	0.89	144.94	2.2	2.3	7.6	0.302	86	310
YX3-250M-2	55	75	2975	99.9	94.8	91.5	94.0	94.05	0.89	176.55	2.2	2.3	7.6	0.420	89	386
YX3-280S-2	75	100	2980	135.3	128.6	123.9	94.6	94.62	0.89	240.35	2.0	2.3	6.9	0.986	91	505
YX3-280M-2	90	125	2980	161.7	153.6	148.1	95.0	94.75	0.89	288.42	2.0	2.3	7.0	1.04	91	555
YX3-315S-2	110	150	2980	195.5	185.5	178.8	95.0	94.14	0.90	352.51	2.0	2.2	7.1	1.33	92	921
YX3-315M-2	132	180	2980	233.6	221.9	213.9	95.4	94.64	0.90	423.02	2.0	2.2	7.1	1.50	92	959
YX3-315L1-2	160	220	2980	280.0	265.7	256.1	95.4	95.11	0.91	512.75	2.0	2.2	7.1	1.67	92	1088
YX3-315L2-2	200	270	2980	350.0	332.5	320	95.4	95.48	0.91	640.94	2.0	2.2	7.1	1.88	92	1162
YX3-355M-2	250	340	2985	435.7	411	399	95.8	95.21	0.91	799.83	2.0	2.2	7.1	4.02	100	1616
YX3-355L-2	315	430	2985	549.0	515	502.7	95.8	95.54	0.91	1007.79	2.0	2.2	7.1	4.86	100	1806

Vitesse / *Speed* - 1 500 RPM - 4 pôles 50HZ

Type	Puissance / *Output*		Vitesse / *Speed*	(A)			Rendement / *Efficiency*		Facteur de Puissance / Power Facteur	TN				Moment	Noise	Weight
	kW	HP	r/min	**380V**	400V	415V	μ (%) 100%	μ (%) 75%	Cos ø	Nm	Tst TN	Tmax TN	Ist TN	(J) Kgm2	LwdB (A)	kg
YX3-160M-4	11	15	1470	21.6	20.5	19.8	91.0	91.33	0.85	71.46	2.2	2.3	7.5	0.0771	73	122
YX3-160L-4	15	20	1475	28.9	27.4	26.4	91.8	91.98	0.86	97.12	2.2	2.3	7.5	0.101	73	139
YX3-180M-4	18.5	25	1475	35.4	33.7	32.5	92.2	92.64	0.86	119.78	2.2	2.3	7.7	0.152	76	188
YX3-180L-4	22	30	1475	42.0	39.8	38.4	92.6	92.98	0.86	142.44	2.2	2.3	7.8	0.187	76	193
YX3-200L-4	30	40	1480	56.9	54	52.1	93.2	93.42	0.86	193.58	2.2	2.3	7.2	0.285	76	256
YX3-225S-4	37	50	1485	69.8	66.3	63.9	93.6	93.62	0.86	237.95	2.2	2.3	7.3	0.473	78	308
YX3-225M-4	45	60	1485	84.7	80.4	77.5	93.9	94.22	0.86	289.39	2.2	2.3	7.4	0.554	78	337
YX3-250M-4	55	75	1490	103.1	98	94.4	94.2	94.62	0.86	352.50	2.2	2.3	7.4	0.751	79	410
YX3-280S-4	75	100	1490	136.7	129.9	125.2	94.7	94.67	0.88	480.70	2.2	2.3	6.7	1.92	80	581
YX3-280M-4	90	125	1490	163.6	155.4	149.8	95.0	94.97	0.88	576.84	2.2	2.3	6.9	2.32	80	643
YX3-315S-4	110	150	1490	199.1	189.1	182.3	95.4	95.30	0.88	705.03	2.2	2.2	6.9	2.34	88	961
YX3-315M-4	132	180	1490	238.9	226.9	218.7	95.4	95.36	0.88	846.04	2.2	2.2	6.9	2.58	88	999
YX3-315L1-4	160	220	1490	286.3	274.2	261.3	95.4	95.46	0.89	1025.50	2.2	2.2	6.9	2.96	88	1096
YX3-315L2-4	200	270	1490	357.9	342.8	326.7	95.4	95.67	0.89	1281.88	2.2	2.2	6.9	3.46	88	1330
YX3-355M-4	250	340	1490	440.5	418.5	403.4	95.8	95.51	0.90	1602.35	2.2	2.2	6.9	6.60	95	1643
YX3-355L-4	315	430	1490	555.1	527.3	508.3	95.8	95.61	0.90	2018.96	2.2	2.2	6.9	7.55	95	1837

YX3 (400 V - 690 V) - IE3

Vitesse / *Speed* - 1 000 RPM - 6 pôles 50HZ

Type	Puissance / *Output*		Vitesse / *Speed*	(A)			Rendement / *Efficiency*		Facteur de Puissance / Power Facteur	TN				Moment	Noise	Weight
	kW	HP	r/min	380V	400V	415V	μ (%) 100%	μ (%) 75%	Cos ø	Nm	Tst TN	Tmax TN	Ist TN	(J) Kgm2	LwdB (A)	kg
YX3-160M-6	7.5	10	980	16.4	15.6	15	89.0	89.51	0.78	73.09	2.1	2.1	6.7	0.0964	73	113
YX3-160L-6	11	15	980	23.5	22.3	21.5	90.0	90.11	0.79	107.19	2.1	2.1	6.9	0.127	73	134
YX3-180L-6	15	20	980	30.9	29.4	28.3	91.0	92.12	0.81	146.17	2.0	2.1	7.2	0.201	73	178
YX3-200L1-6	18.5	25	985	37.9	36	34.7	91.5	92.02	0.81	179.36	2.1	2.1	7.2	0.325	73	226
YX3-200L2-6	22	30	980	44.3	42.1	40.6	92.0	92.48	0.82	213.30	2.1	2.1	7.3	0.371	73	243
YX3-225M-6	30	40	985	60.8	57.8	55.7	92.5	93.37	0.81	290.80	2.0	2.1	7.1	0.533	74	294
YX3-250M-6	37	50	990	72.0	68.4	65.9	93.0	93.85	0.84	356.92	2.1	2.1	7.1	0.877	76	369
YX3-280S-6	45	60	990	85.0	80.8	77.9	93.5	94.03	0.86	434.09	2.1	2.0	7.2	1.85	78	513
YX3-280M-6	55	75	990	103.6	98.3	94.7	93.8	94.26	0.86	530.55	2.1	2.0	7.2	2.12	78	661
YX3-315S-6	75	100	995	142.3	134.9	130.0	94.2	94.49	0.85	719.85	2.0	2.0	6.7	2.61	83	856
YX3-315M-6	90	125	995	172.3	163.1	157.2	94.5	94.75	0.84	863.82	2.0	2.0	6.7	3.04	83	973
YX3-315L1-6	110	150	995	207.0	196.4	189.3	95.0	95.11	0.85	1055.78	2.0	2.0	6.7	3.71	83	1029
YX3-315L2-6	132	180	995	245.5	232.2	223.8	95.0	95.34	0.86	1266.93	2.0	2.0	6.7	4.24	83	1122
YX3-355M1-6	160	220	995	294.1	277.6	267.6	95.0	94.93	0.87	1535.68	2.0	2.0	6.7	7.44	85	1638
YX3-355M2-6	200	270	995	367.7	347.1	334.5	95.0	95.28	0.87	1919.60	2.0	2.0	6.7	9.10	85	1788
YX3-355L-6	250	340	995	459.6	433.9	418.2	95.0	95.33	0.87	2399.50	2.0	2.0	6.7	10.80	85	1931

Vitesse / *Speed* - 750 RPM - 8 pôles 50HZ

Type	Puissance / *Output*		Vitesse / *Speed*	(A)			Rendement / *Efficiency*		Facteur de Puissance / Power Facteur	TN				Moment	Noise	Weight
	kW	HP	r/min	380V	400V	415V	μ(%) 100%	μ(%) 75%	Cos ø	Nm	Tst TN	Tmax TN	Ist TN	(J) Kgm2	LwdB (A)	kg
YX3-160M1-8	4	5.5	715	9.9	9.4	9.0	84.2	85.7	0.73	53.42	1.9	2.0	6.9	0.0771	69	104
YX3-160M2-8	5.5	7.5	715	13.2	12.5	12.0	85.8	87.5	0.74	73.46	2.0	2.0	6.9	0.0989	69	114
YX3-160L-8	7.5	10	720	17.4	16.5	16.0	87.2	88.6	0.75	99.48	2.0	2.0	6.9	0.131	69	132
YX3-180L-8	11	15	730	24.8	23.5	22.7	88.8	89.0	0.76	143.90	2.0	2.0	6.8	0.214	73	176
YX3-200L-8	15	20	730	33.3	31.6	30.5	90.0	90.3	0.76	196.23	2.0	2.0	6.8	0.401	73	232
YX3-225S-8	18.5	25	735	40.8	38.7	37.3	90.7	90.7	0.76	240.37	1.9	2.0	6.8	0.529	73	268
YX3-225M-8	22	30	735	46.4	44.1	42.5	91.2	91.6	0.79	285.85	1.9	2.0	6.8	0.626	73	288
YX3-250M-8	30	40	735	62.6	59.5	57.4	92.1	91.8	0.79	389.80	1.9	2.0	6.8	0.914	75	372
YX3-280S-8	37	50	740	75.8	72	69.4	92.7	92.6	0.80	477.50	1.9	2.0	6.9	1.85	80	567
YX3-280M-8	45	60	740	91.7	87.1	84	93.2	93.6	0.80	580.74	1.9	2.0	6.9	2.22	80	651
YX3-315S-8	55	75	740	110.1	104.6	100.8	93.7	93.6	0.81	709.79	1.8	2.0	6.6	2.97	74	1000
YX3-315M-8	75	100	740	149	141.6	136.5	94.4	94.2	0.81	967.91	1.8	2.0	6.6	3.96	74	1100
YX3-315L1-8	90	125	740	176.1	167.3	161.2	94.7	94.6	0.82	1161.48	1.8	2.0	6.6	4.65	74	1160
YX3-315L2-8	110	150	740	214.3	203.6	196.2	95.1	94.8	0.82	1419.59	1.8	2.0	6.4	5.40	74	1230
YX3-355M1-8	132	180	740	251.8	239.2	230.5	95.4	95.5	0.835	1703.5	1.8	2.0	6.0	8.36	76	1700
YX3-355M2-8	160	220	740	302.4	287.3	276.9	95.7	95.6	0.84	2064.86	1.8	2.0	6.0	9.59	76	1750
YX3-355L-8	200	270	740	378	359.1	346.1	95.7	95.8	0.84	2581.08	1.8	2.0	6.0	11.3	76	1850

YE2 (400V - 690V) - IE2 / YX3 (400V - 690V) - IE3

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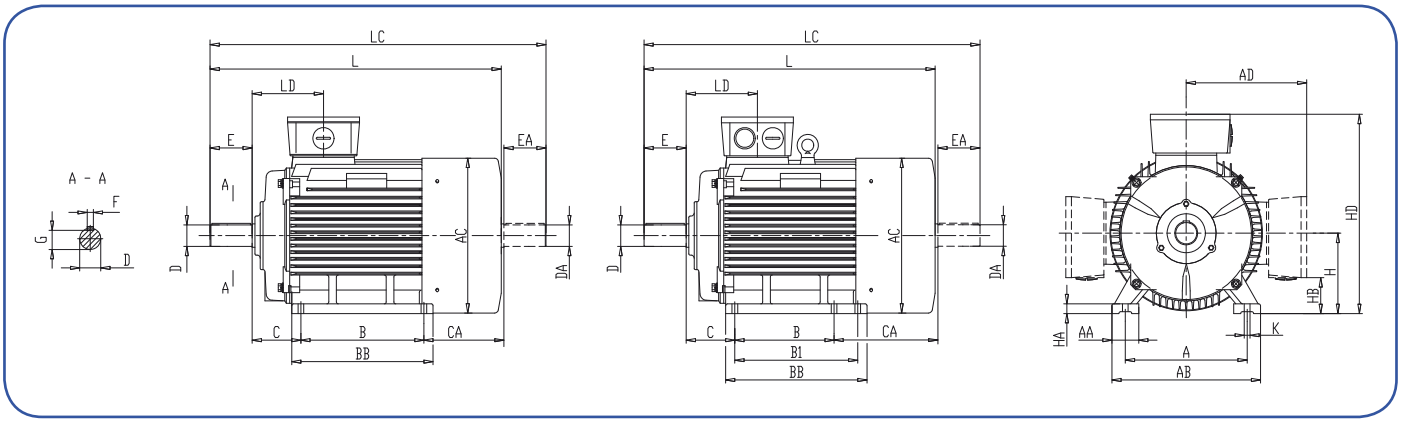
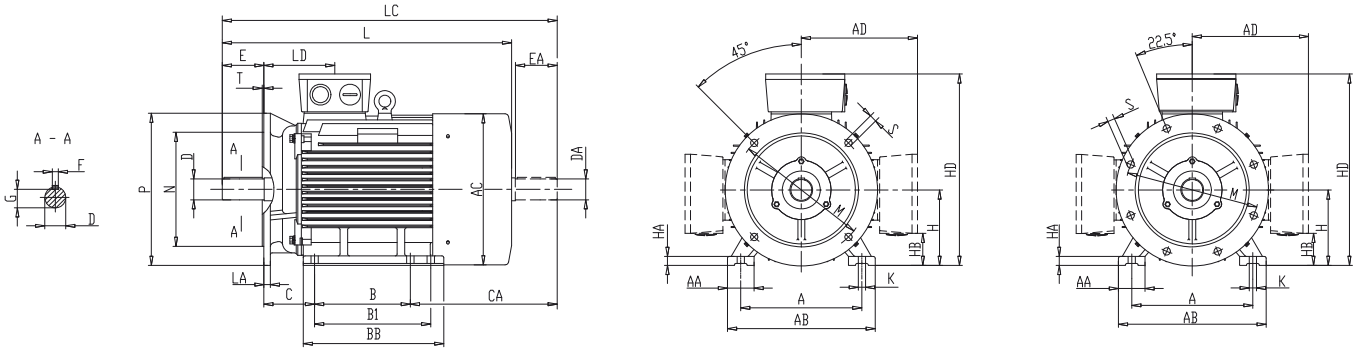


Type	Pôles / *Pole*	Dimensions / *Dimension*																		
		A	AA	B	C	D	E	F	G	K	K	AB	AC	AD	HD	L	BB	HA	LD	HD
YE2-80	2、4、6	125	34	100	50	19	40	6	15.5	80	10	165	167	165	245	300	142	10	74	M6×16
YE2-90S	2、4、6	140	36	100	56	24	50	8	20	90	10	180	190	175	265	355	180	12	76	M8×19
YE2-90L	2、4、6	140	36	125	56	24	50	8	20	90	10	180	190	175	265	385	220	12	76	M8×19
YE2-100L	2、4、6	160	40	140	63	28	60	8	24	100	12	205	215	200	290	435	233	14	83	M10×22
YE2-112M	2、4、6	190	45	140	70	28	60	8	24	112	12	230	240	220	325	468	248	15	87	M10×22
YE2-132S	2、4、6	216	55	140	89	38	80	10	33	132	12	270	275	240	365	510	230	18	102	M12×28
YE2-132M	2、4、6	216	55	178	89	38	80	10	33	132	12	270	275	240	365	510	230	18	102	M12×28
YE2-160M	2	254	65	210	108	42	110	12	37	160	14.5	320	320	285	440	675	304	20	149	M16×36
	4、6	254	65	210	108	42	110	12	37	160	14.5	320	320	285	440	675	304	20	149	M16×36
YE2-160L	2	254	65	254	108	42	110	12	37	160	14.5	320	320	285	440	675	304	20	149	M16×36
	4、6	254	65	254	108	42	110	12	37	160	14.5	320	320	285	440	675	304	20	149	M16×36
YE2-180M	2	279	70	241	121	48	110	14	42.5	180	14.5	355	380	310	470	740	355	22	161	M16×36
	4、6	279	70	241	121	48	110	14	42.5	180	14.5	355	380	310	470	740	355	22	161	M16×36
YE2-180L	4、6	279	70	279	121	48	110	14	42.5	180	14.5	355	380	310	470	740	355	22	161	M16×36
YE2-200L	2	318	70	305	133	55	110	16	49	200	18.5	395	410	335	525	775	375	25	186	M20×42
	4、6	318	70	305	133	55	110	16	49	200	18.5	395	410	335	525	775	375	25	186	M20×42
YE2-225S	4	356	75	286	149	60	140	18	53	225	18.5	435	470	370	580	820	370	28	189	M20×42
YE2-225M	2	356	75	311	149	55	110	16	49	225	18.5	435	470	370	580	815	395	28	189	M20×42
	4、6	356	75	311	149	60	140	18	53	225	18.5	435	470	370	580	845	395	28	189	M20×42
YE2-250M	2	406	80	349	168	60	140	18	53	250	24	490	490	380	635	930	445	30	207	M20×42
	4、6	406	80	349	168	65	140	18	58	250	24	490	490	380	635	930	445	30	207	M20×42
YE2-280S	2	457	85	368	190	65	140	18	58	280	24	550	580	410	698	981	490	35	215	M20×42
	4、6	457	85	368	190	75	140	20	67.5	280	24	550	580	410	698	981	490	35	215	M20×42
YE2-280M	2	457	85	419	190	65	140	18	58	280	24	550	580	410	698	1032	540	35	215	M20×42
	4、6	457	85	419	190	75	140	20	67.5	280	24	550	580	410	698	1032	540	35	215	M20×42
YE2-315S	2	508	120	406	216	65	140	18	58	315	28	630	645	535	885	1185	570	45	257	M20×42
	4、6	508	120	406	216	80	170	22	71	315	28	630	645	535	885	1215	570	45	257	M20×42
YE2-315M	2	508	120	457	216	65	140	18	58	315	28	630	645	535	885	1295	680	45	257	M20×42
	4、6	508	120	457	216	80	170	22	71	315	28	630	645	535	885	1325	680	45	257	M20×42
YE2-315L	2	508	120	508	216	65	140	18	58	315	28	630	645	535	885	1295	680	45	257	M20×42
	4、6	508	120	508	216	80	170	22	71	315	28	630	645	535	885	1325	680	45	257	M20×42
YE2-355M	2	610	120	560	254	75	140	20	67.5	355	28	730	720	650	1065	1495	760	52	284	M20×42
	4、6	610	120	560	254	95	170	25	86	355	28	730	720	650	1065	1525	760	52	284	M24×47
YE2-355L	2	610	120	630	254	75	140	20	67.5	355	28	730	720	650	1065	1495	760	52	284	M20×42
	4、6	610	120	630	254	95	170	25	86	355	28	730	720	650	1065	1525	760	52	284	M24×47

YE2 (400V - 690V) - IE2 / YX3 (400V - 690V) - IE3

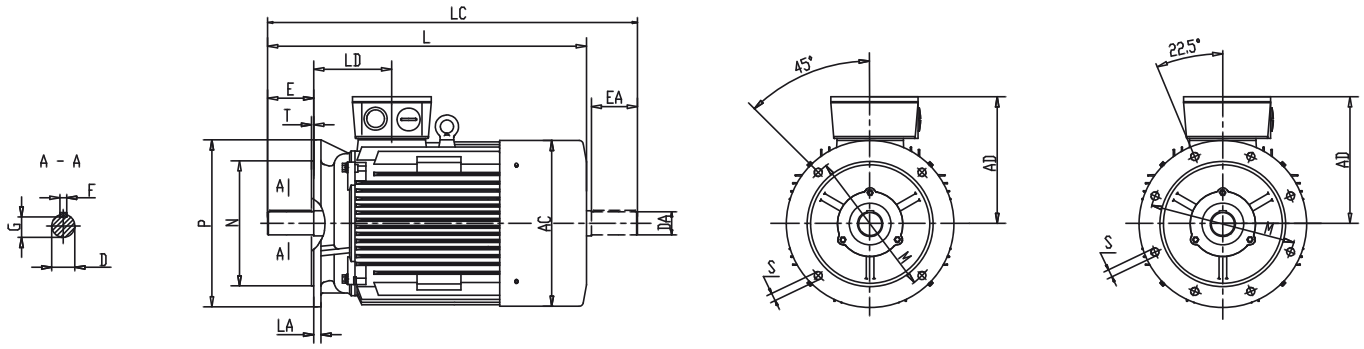
IMB35 H80-355



Type	Flangia / *Flange*	Pôles / *Pole*	Dimensions / *Dimension*																									
			A	AA	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L	BB	HA	LD	N°	M	N	P	R	S	T	(HD)
YE2-80	FF165	2, 4, 6	125	34	100	50	19	40	6	15.5	80	10	165	167	165	245	300	142	10	74	4	165	130	200	0	12	3.5	M6X16
YE2-90S	FF165	2, 4, 6	140	36	100	56	24	50	8	20	90	10	180	190	190	265	355	180	12	76	4	165	130	200	0	12	3.5	M8X19
YE2-90L	FF165	2, 4, 6	140	36	125	56	24	50	8	20	90	10	180	190	190	265	385	220	12	76	4	165	130	200	0	12	3.5	M8X19
YE2-100L	FF215	2, 4, 6	160	40	140	63	28	60	8	24	100	12	205	215	200	290	435	233	14	83	4	215	180	250	0	14.5	4	M10X22
YE2-112M	FF215	2, 4, 6	190	45	140	70	28	60	8	24	112	12	230	240	220	325	468	248	15	87	4	215	180	250	0	14.5	4	M10X22
YE2-132S	FF265	2, 4, 6	216	55	140	89	38	80	10	33	132	12	270	275	240	365	510	230	18	102	4	265	230	300	0	14.5	4	M12X28
YE2-132M	FF265	2, 4, 6	216	55	178	89	38	80	10	33	132	12	270	275	240	365	510	230	18	102	4	265	230	300	0	14.5	4	M12X28
YE2-160M	FF300	2	254	65	210	108	42	110	12	37	160	14.5	320	320	285	440	675	304	20	149	4	300	250	350	0	18.5	5	M16X36
	FF300	4, 6	254	65	210	108	42	110	12	37	160	14.5	320	320	285	440	675	304	20	149	4	300	250	350	0	18.5	5	M16X36
YE2-160L	FF300	2	254	65	254	108	42	110	12	37	160	14.5	320	320	285	440	675	304	20	149	4	300	250	350	0	18.5	5	M16X36
	FF300	4, 6	254	65	254	108	42	110	12	37	160	14.5	320	320	285	440	675	304	20	149	4	300	250	350	0	18.5	5	M16X36
YE2-180M	FF300	2	279	70	241	121	48	110	14	42.5	180	14.5	355	380	310	470	740	355	22	161	4	300	250	350	0	18.5	5	M16X36
	FF300	4, 6	279	70	241	121	48	110	14	42.5	180	14.5	355	380	310	470	740	355	22	161	4	300	250	350	0	18.5	5	M16X36
YE2-180L	FF300	4, 6	279	70	279	121	48	110	14	42.5	180	14.5	355	380	310	470	740	355	22	161	4	300	250	350	0	18.5	5	M16X36
YE2-200L	FF350	2	318	70	305	133	55	110	16	49	200	18.5	395	410	335	525	775	375	25	186	4	350	300	400	0	18.5	5	M20X42
	FF350	4, 6	318	70	305	133	55	110	16	49	200	18.5	395	410	335	525	775	375	25	186	4	350	300	400	0	18.5	5	M20X42
YE2-225S	FF400	4	356	75	286	149	60	140	18	53	225	18.5	435	470	370	580	820	375	25	189	8	400	350	450	0	18.5	5	M20X42
YE2-225M	FF400	2	356	75	311	149	55	110	16	49	225	18.5	435	470	370	580	815	400	28	189	8	400	350	450	0	18.5	5	M20X42
	FF400	4, 6	356	75	311	149	60	140	18	53	225	18.5	435	470	370	580	845	400	28	189	8	400	350	450	0	18.5	5	M20X42
YE2-250M	FF500	2	406	80	349	168	60	140	18	53	250	24	490	490	380	635	930	445	30	207	8	500	450	550	0	18.5	5	M20X42
	FF500	4, 6	406	80	349	168	65	140	18	58	250	24	490	490	380	635	930	445	30	207	8	500	450	550	0	18.5	5	M20X42
YE2-280S	FF500	2	457	85	368	190	65	140	18	58	280	24	550	580	410	698	981	490	35	215	8	500	450	550	0	18.5	5	M20X42
	FF500	4, 6	457	85	368	190	75	140	20	67.5	280	24	550	580	410	698	981	490	35	215	8	500	450	550	0	18.5	5	M20X42
YE2-280M	FF500	2	457	85	419	190	65	140	18	58	280	24	550	580	410	698	1032	540	35	215	8	500	450	550	0	18.5	5	M20X42
	FF500	4, 6	457	85	419	190	75	140	20	67.5	280	24	550	580	410	698	1032	540	35	215	8	500	450	550	0	18.5	5	M20X42
YE2-315S	FF600	2	508	120	406	216	65	140	18	58	315	28	630	645	535	885	1185	570	45	257	8	600	550	660	0	24	6	M20X42
	FF600	4, 6	508	120	406	216	80	170	22	71	315	28	630	645	535	885	1215	570	45	257	8	600	550	660	0	24	6	M20X42
YE2-315M	FF600	2	508	120	457	216	65	140	18	58	315	28	630	645	535	885	1295	680	45	257	8	600	550	660	0	24	6	M20X42
	FF600	4, 6	508	120	457	216	80	170	22	71	315	28	630	645	535	885	1325	680	45	257	8	600	550	660	0	24	6	M20X42
YE2-315L	FF600	2	508	120	508	216	65	140	18	58	315	28	630	645	535	885	1295	680	45	257	8	600	550	660	0	24	6	M20X42
	FF600	4, 6	508	120	508	216	80	170	22	71	315	28	630	645	535	885	1325	680	45	257	8	600	550	660	0	24	6	M20X42
YE2-355M	FF740	2	610	120	560	254	75	140	20	67.5	355	28	730	720	700	1065	1495	760	52	284	8	740	680	800	0	24	6	M20X42
	FF740	4, 6	610	120	560	254	95	170	25	86	355	28	730	720	700	1065	1525	760	52	284	8	740	680	800	0	24	6	M24X47
YE2-355L	FF740	2	610	120	630	254	75	140	20	67.5	355	28	730	720	700	1065	1495	760	52	284	8	740	680	800	0	24	6	M20X42
	FF740	4, 6	610	120	630	254	95	170	25	86	355	28	730	720	700	1065	1525	760	52	284	8	740	680	800	0	24	6	M24X47

YE2 (400V - 690V) - IE2 / YX3 (400V - 690V) - IE3

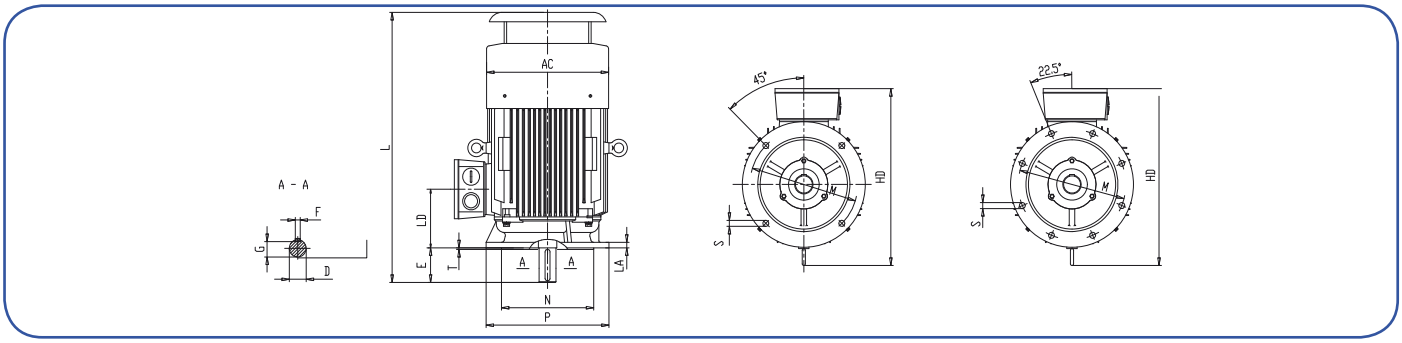
IMB5 H80-280



Type	Flangia / *Flange*	Pôles / *Pole*	Dimensions / *Dimension*															
			D	E	F	G	M	N	P	S	T	N°	AC	L	LD	LA	(DH)	R
YE2-80	FF165	2, 4, 6	19	40	6	15.5	165	130	200	12	3.5	4	167	300	74	12	M6X16	0
YE2-90S	FF165	2, 4, 6	24	50	8	20	165	130	200	12	3.5	4	190	355	76.0	12	M8X19	0
YE2-90L	FF165	2, 4, 6	24	50	8	20	165	130	200	12	3.5	4	190	385	76.0	12	M8X19	0
YE2-100L	FF215	2, 4, 6	28	60	8	24	215	180	250	14.5	4	4	215	435	83	13	M10X22	0
YE2-112M	FF215	2, 4, 6	28	60	8	24	215	180	250	14.5	4	4	240	468	87	14	M10X22	0
YE2-132S	FF265	2, 4, 6	38	80	10	33	265	230	300	14.5	4	4	275	510	102	14	M12X28	0
YE2-132M	FF265	2, 4, 6	38	80	10	33	265	230	300	14.5	4	4	275	510	102	14	M12X28	0
YE2-160M	FF300	2, 4, 6	42	110	12	37	300	250	350	18.5	5	4	320	675	149	15	M16X36	0
YE2-160L	FF300	2, 4, 6	42	110	12	37	300	250	350	18.5	5	4	320	675	149	15	M16X36	0
YE2-180M	FF300	2, 4, 6	48	110	14	42.5	300	250	350	18.5	5	4	380	740	161	15	M16X36	0
YE2-180L	FF300	2, 4, 6	48	110	14	42.5	300	250	350	18.5	5	4	380	740	161	15	M16X36	0
YE2-200L	FF350	2, 4, 6	55	110	16	49	350	300	400	18.5	5	4	410	775	186	17	M20X42	0
YE2-225S	FF400	4, 6	60	140	18	53	400	350	450	18.5	5	8	470	820	189	20	M20X42	0
YE2-225M	FF400	2	55	110	16	49	400	350	450	18.5	5	8	470	815	189	20	M20X42	0
	FF400	4, 6	60	140	18	53	400	350	450	18.5	5	8	470	845	207	20	M20X42	0
YE2-250M	FF500	2	60	140	18	53	500	450	550	18.5	5	8	490	930	207	22	M20X42	0
	FF500	4, 6	65	140	18	58	500	450	550	18.5	5	8	490	930	215	22	M20X42	0
YE2-280S	FF500	2	65	140	18	58	500	450	550	18.5	5	8	580	981	215	22	M20X42	0
	FF500	4, 6	75	140	20	67.5	500	450	550	18.5	5	8	580	981	215	22	M20X42	0
YE2-280M	FF500	2	65	140	18	58	500	450	550	18.5	5	8	580	1032	215	22	M20X42	0
	FF500	4, 6	75	140	20	67.5	500	450	550	18.5	5	8	580	1032	215	22	M20X42	0

YE2 (400V - 690V) - IE2 / YX3 (400V - 690V) - IE3

IMV1 H180-355



Type	Pôles / *Pole*	Mounting Dimensions											Overall Dimensions				
		D	E	F	G	M	N	P	R	S	T		AC	AD	HF	L	(DH)
YE2-180M	2、4、6	48	110	14	42.5	300	250	350	0	18.5	5	4	380	310	500	800	M16×36
YE2-180L	2、4、6	48	110	14	42.5	300	250	350	0	18.5	5	4	380	310	500	800	M16×36
YE2-200L	4、6	55	110	16	49.0	350	300	400	0	18.5	5	4	410	335	540	845	M20×42
YE2-225S	4、6	60	140	18	53.0	400	350	450	0	18.5	5	8	470	370	605	915	M20×42
YE2-225M	2 4、6	55 60	140	16 18	49.0 53.0	400	350	450 450	0	18.5	5	8	470	370	605	910 940	M20×42
YE2-250M	2 4、6	60 65	140	18 18	53.0 58.0	500	450	550	0	18.5	5	8	490	380	630	1035	M20×42
YE2-280S	2 4、6	65 75	140	18 20	58.0 67.5	500	450	550	0	18.5	5	8	580	410	700	1115	M20×42
YE2-280M	2 4、6	65 75	140	18 20	58.0 67.5	500	450	550	0	18.5	5	8	580	410	700	1157	M20×42
YE2-315S	2 4、6	65 80	140 170	18 22	58.0 71.0	600	550	660	0	24	6	8	645	535	858	1310 1340	M20×42
YE2-315M	2 4、6	65 80	140 170	18 22	58.0 71.0	600	550	660	0	24	6	8	645	535	858	1425 1450	M20×42
YE2-315L	2 4、6	65 80	140 170	18 22	58.0 71.0	600	550	660	0	24	6	8	645	535	858	1425 1450	M20×42
YE2-355M	2 4、6	75 95	140 170	20 25	67.5 86.0	740	680	800	0	24	6	8	720	650	1010	1640 1670	M20×42 M24×47
YE2-355L	2 4、6	75 95	140 170	20 25	67.5 86.0	740	680	800	0	24	6	8	720	650	1010	1640 1670	M20×42 M24×47

Y3

(400V - 690V) - Serie compact / *Compact series* - IE1

Puissance / *Power* : 250 kW / 900 kW
Nombre pôles / *Poles number* : 2/4/6/8/10
Taille / *Size* : 355 - 450
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5

Y3 (380V - 690V) - Serie compact / *Compact series* - IE1

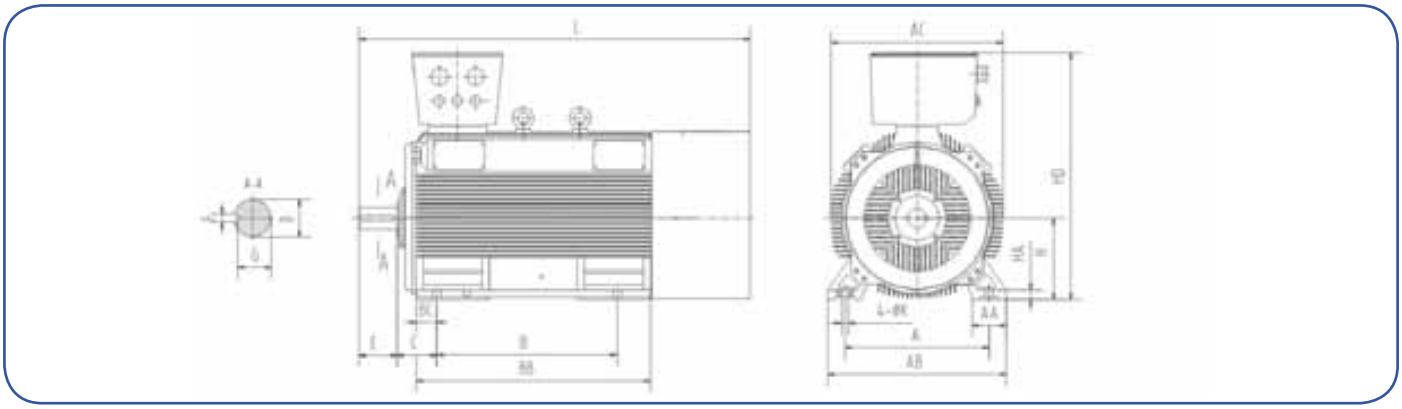
Type	(kW)	(V)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	Kg
Y3-3551-2	355	380	615	2980	96.4	0.91	2.7	1.3	6.5	7 . 6	
Y3-3552-2	400	380	692	2980	96.4	0.91	2.7	1.3	6.5	8 . 8	
Y3-3553-2	450	380	780	2980	96.3	0.91	2.7	1.3	6.5	9 . 5	
Y3-4001-2	450	380	780	2983	96.3	0.91	2.7	1.3	6.5	13.9	
Y3-4002-2	500	380	867	2983	96.3	0.91	2.7	1.3	6.5	15.6	
Y3-4003-2	560	380	960	2983	96.3	0.92	2.7	1.2	6.5	18.5	
Y3-4501-2	560	660	555	2985	96.3	0.92	2.7	1.2	6.5	21.3	
Y3-4502-2	630	660	625	2985	96.3	0.92	2.7	1.2	6.5	22.7	
Y3-4503-2	710	660	700	2985	96.6	0.92	2.7	1.2	6.5	26.7	
Y3-4504-2	800	660	790	2985	96.6	0.92	2.7	1.2	6.5	28.5	
Y3-3551-4	355	380	636	1490	96.4	0.88	2.6	1.8	6.5	15.8	
Y3-3552-4	400	380	716	1490	96.4	0.88	2.6	1.8	6.5	17.2	
Y3-3553-4	450	380	806	1490	96.4	0.88	2.6	1.8	6.5	18.2	
Y3-4001-4	450	380	806	1492	96.4	0.88	2.6	1.8	6.5	21.2	
Y3-4002-4	500	380	896	1492	96.4	0.88	2.6	1.6	6.5	25.0	
Y3-4003-4	560	380	992	1492	96.4	0.89	2.6	1.6	6.5	25.8	
Y3-4004-4	630	660	642	1492	96.5	0.89	2.6	1.6	6.5	29.6	
Y3-4501-4	630	660	645	1495	96.5	0.89	2.6	1.6	6.5	38.2	
Y3-4502-4	710	660	725	1495	96.5	0.89	2.6	1.6	6.5	42.5	
Y3-4503-4	800	660	815	1495	96.7	0.89	2.6	1.6	6.5	48.1	
Y3-4504-4	900	660	915	1495	96.7	0.89	2.6	1.6	6.5	54.9	
Y3-3551-6	315	380	587	9 9 0	96.0	0.85	2.6	2.0	6.5	21.1	
Y3-3552-6	355	380	661	9 9 0	96.0	0.85	2.6	2.0	6.5	23.2	
Y3-4001-6	355	380	661	9 9 4	96.0	0.85	2.6	2.0	6.5	31.0	
Y3-4002-6	400	380	736	9 9 4	96.0	0.86	2.4	1.9	6.5	33.7	
Y3-4003-6	450	380	828	9 9 4	96.0	0.86	2.4	1.9	6.5	37.1	
Y3-4004-6	500	380	918	9 9 4	96.2	0.86	2.4	1.9	6.5	41.3	
Y3-4501-6	500	660	535	9 9 5	96.2	0.85	2.4	1.9	6.5	46.7	
Y3-4502-6	560	660	600	9 9 5	96.2	0.85	2.4	1.9	6.5	53.6	
Y3-4503-6	630	660	675	9 9 5	96.5	0.85	2.4	1.9	6.5	62.0	
Y3-4504-6	710	660	760	9 9 5	96.5	0.85	2.4	1.9	6.5	67.3	
Y3-3551-8	250	380	499	7 4 0	95.1	0.80	2.6	1.8	6.5	20.8	
Y3-3552-8	315	380	629	7 4 0	95.1	0.80	2.6	1.8	6.5	26.3	
Y3-4001-8	315	380	629	7 4 5	95.1	0.80	2.6	1.8	6.5	40.1	

Y3 (380V - 690V) - Serie compact / *Compact series* - IE1

Type	(kW)	(V)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	Kg.m^2	(Kg)
Y3-4002-8	355	380	688	745	95.6	0.82	2.4	1.8	6.1	46.2	
Y3-4003-8	400	380	775	745	95.6	0.82	2.4	1.8	6.1	50.6	
Y3-4501-8	400	660	450	745	95.6	0.82	2.4	1.8	6.1	61.1	
Y3-4502-8	450	660	500	745	96.0	0.82	2.4	1.8	6.1	67.7	
Y3-4503-8	500	660	555	745	96.2	0.82	2.4	1.8	6.1	76.1	
Y3-4504-8	560	660	625	745	96.2	0.82	2.4	1.8	6.1	85.5	
Y3-3551-10	200	380	434	590	94.7	0.74	2.5	1.4	6.1	25.8	
Y3-3552-10	250	380	542	590	94.7	0.74	2.5	1.4	6.1	31.5	
Y3-4001-10	250	380	542	595	94.7	0.74	2.5	1.4	6.1	38.2	
Y3-4002-10	315	380	653	595	95.2	0.77	2.5	1.4	6.1	46.9	
Y3-4003-10	355	380	736	595	95.2	0.77	2.5	1.3	6.1	53.0	
Y3-4501-10	355	380	740	595	95.2	0.77	2.5	1.3	6.1	63.9	
Y3-4502-10	400	380	830	595	95.6	0.77	2.5	1.3	6.1	72.3	
Y3-4503-10	450	380	930	595	95.6	0.77	2.5	1.3	6.1	82.7	

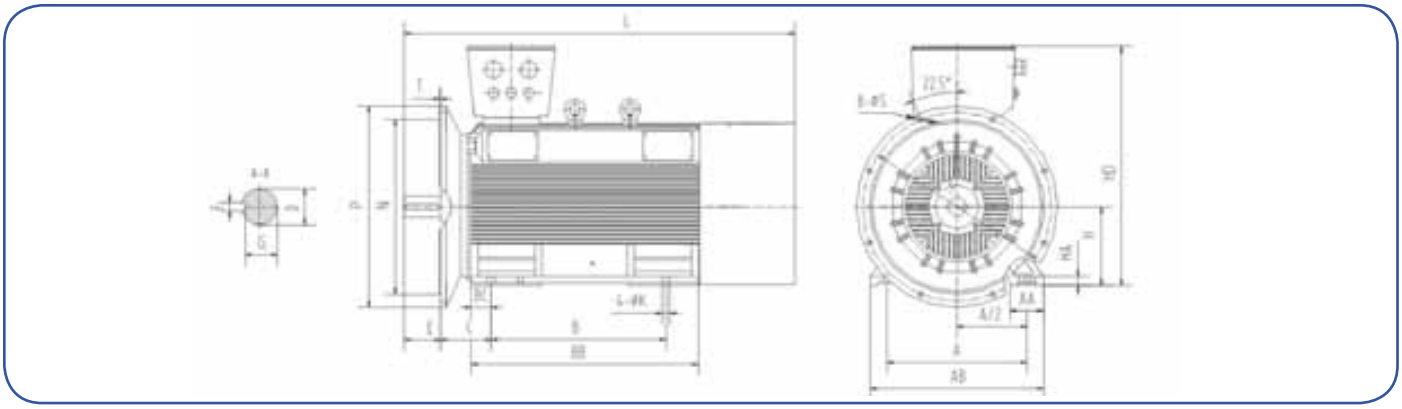
Y3 (380V - 690V) - Serie compact / *Compact series* - IE1

IMB3



Type	Pôles / *Pole*	A	A/2	B	C	D	E	F	G	H	K	AC	AB	BC	BB	HA	HD	L
355	2	630	315	800	224	80	170	22	71	355	35	766	760	88	1140	52	1140	1863
	4					110	210	28	100									1898
	6.8.10																	1918
400	2	710	355	900	224	85	170	22	76	400	35	860	840	88	1140	52	1270.	1908
	4.6.8.10					120	210	32	109									1972
450	2	800	495	1000	250	95	170	25	86	450	42	955	990	106.5	1300	52	1375	2050
	4.6.8.10					130	210	32	119									2150

IMB5



Type	Pôles / *Pole*	A	A/2	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	BC	BB	HA	HD	L
355	2	630	315	800	224	80	170	22	71	355	35	840	780	900	0	24	6.0	760	88	1140	52	1140	1863
	4					100	210	28	100														1898
	6.8.10																						1918
400	2	710	355	900	224	85	170	22	76	400	35	940	880	1000	0	28	6.0	840	88	1140	52	1270.	1908
	4.6.8.10					120	210	32	109														1972
450	2	800	495	1000	250	95	170	25	86	450	42	1080	1000	1150	0	28	6.0	990	106.5	1300	52	1375	2050
	4.6.8.10					130	210	32	119														2150

ASA

(230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

Puissance / *Power* : 160 kW / 315 kW
Nombre pôles / *Poles number* : 2/4/6
Taille / *Size* : 80 - 355
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5

ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

Vitesse / *Speed* - 3 000 RPM - 2 pôles 50HZ

Type	(kW)	rpm	In(A)	μ (%)	Cos ø	Ip/In	Mp/Mn	Mmax/Mn	Kg
ASA 63a-2	0,18	2766	0,54	63,6	0,75	3,5	3,1	3,1	11
ASA 63b-2	0,25	2772	0,69	67,8	0,77	3,8	3,1	3,1	12
ASA 71a-2	0,37	2844	0,94	71,2	0,8	3,4	2,4	2,4	16
ASA 71b-2	0,55	2750	1,34	72	0,82	3,7	2,7	2,7	17
ASA 80a-2	0,75	2832	1,72	75	0,84	4,5	2,3	2,6	21
ASA 80b-2	1,1	2820	2,44	76,6	0,85	4,5	2,5	2,6	24
ASA 90S-2	1,5	2838	3,28	78,5	0,84	5	2,5	2,5	29
ASA 90L-2	2,2	2820	4,58	81,5	0,85	5	2,8	2,8	36
ASA 100LW-2	3	2880	5,82	83,6	0,89	5,5	3,1	3,3	45
ASA 112M-2	4	2913	7,89	86,1	0,85	6,2	3,1	3,1	56
ASA 132Sa-2	5,5	2916	10,8	86,1	0,85	6,45	3,2	3,2	85
ASA 132Sb-2	7,5	2916	14,3	87,12	0,87	6,8	3,1	3,2	90
ASA 160Ma-2	11	2925	20,3	88,7	0,88	7	2,3	2,4	130
ASA 160Mb-2	15	2925	28,0	89,81	0,86	7	2,2	2,4	150
ASA 160L-2	18,5	2934	34,2	90,5	0,86	7	2,3	2,5	170
ASA 180M-2	22	2945	39,3	90,8	0,89	7,5	2,6	2,8	200
ASA 200La-2	30	2948	52,0	91,5	0,91	7	2,4	2,7	270
ASA 200Lb-2	37	2943	64,4	92,2	0,9	6,7	2,2	2,8	300
ASA 225M-2	45	2946	78,6	92,85	0,89	7	2	2,5	330
ASA 250M-2	55	2963	93,6	93,25	0,91	7	2,4	2,45	430
ASA 280S-2	75	2950	128	94	0,9	7,1	2,3	2,4	560
ASA 280M-2	90	2960	154	93,92	0,9	7,1	2	2,25	690
ASA 315S-2	110	2975	185	94,2	0,91	7,5	2,1	2,6	800
ASA 315M-2	132	2975	222	94,5	0,91	7,5	2,1	2,2	880
ASA 315MX-2	160	2975	271	94,8	0,9	7,5	2,3	2,4	1170
ASA 315LY-2	200	2980	339	94,69	0,9	7,5	2,3	2,4	1270
ASA 355M-2	250	2980	431	95,1	0,88	6,3	2,2	2,8	1495
ASA 355La-2	280	2980	483	95,1	0,88	6,0	2,0	2,5	1600
ASA 355Lb-2	315	2980	542	95,2	0,88	6,3	2,3	2,9	1815

ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

Vitesse / *Speed* - 1 500 RPM - 4 pôles 50HZ

Type	(kW)	rpm	In(A)	μ (%)	Cos ø	Ip/In	Mp/Mn	Mmax/Mn	Kg
ASA 63a-4	0,12	1380	0,40	62,7	0,69	3	2,4	2,4	12
ASA 63b-4	0,18	1350	0,58	63,5	0,7	3,3	2,7	2,7	13
ASA 71a-4	0,25	1420	0,77	67,3	0,7	4,1	2,4	2,7	15
ASA 71b-4	0,37	1414	1,05	71,6	0,71	3,5	2,6	2,6	16
ASA 80a-4	0,55	1400	1,55	72,1	0,71	4,5	2,3	2,6	22,5
ASA 80b-4	0,75	1410	2,01	74,66	0,72	4	2,3	2,6	23
ASA 90S-4	1,1	1407	2,76	76,8	0,75	4,7	2,7	2,6	28
ASA 90L-4	1,5	1407	3,48	78,8	0,79	4,6	2,3	2,5	36
ASA 100LW-4	2,2	1440	4,96	81,1	0,79	5	2,5	2,6	43
ASA 100LX-4	3	1444	6,44	83	0,81	4,8	2,5	2,6	48
ASA 112M-4	4	1434	7,9	85	0,86	5,8	2,6	2,8	58
ASA 132S-4	5,5	1452	11,0	87	0,83	6	2,5	2,7	90
ASA 132M-4	7,5	1451	14,7	87,5	0,84	6,5	2,1	2,3	103
ASA 160M-4	11	1460	20,3	88,7	0,88	6,3	2,2	2,4	145
ASA 160L-4	15	1465	27,5	89,5	0,88	6,5	2,3	2,4	160
ASA 180M-4	18,5	1465	33,9	90,5	0,87	6	2	2,4	200
ASA 180L-4	22	1465	40,6	91	0,86	6,2	2	2,3	218
ASA 200L-4	30	1476	54,4	91,5	0,87	7	2	2,6	300
ASA 225S-4	37	1476	65,6	92,5	0,88	7	2	2,6	330
ASA 225M-4	45	1477	79,4	93	0,88	7,4	2	2,4	350
ASA 250M-4	55	1479	96,7	93,3	0,88	7,1	2,5	2,6	430
ASA 280S-4	75	1480	127	93,8	0,91	7,25	2,4	2,4	590
ASA 280M-4	90	1480	155	94,1	0,89	7	1,9	2	690
ASA 315S-4	110	1480	185	94,3	0,91	7,1	2,1	2,2	800
ASA 315M-4	132	1480	224	94,54	0,90	7	2,3	2,3	880
ASA 315MX-4	160	1484	280	94,7	0,87	6,5	2,1	2,2	1150
ASA 315LZ-4	200	1482	345	95,21	0,88	6,5	2,1	2,2	1315
ASA 355M-4	250	1485	430	95,3	0,88	6,5	2,3	2,3	1795
ASA 355La-4	280	1485	476	95,5	0,89	6,3	2,4	2,4	1875
ASA 355Lb-4	315	1485	535	95,5	0,89	6,6	2,5	2,5	2150

ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

Vitesse / *Speed* - 1 000 RPM - 6 pôles 50HZ

Type	(kW)	rpm	In(A)	μ (%)	Cos ø	Ip/In	Mp/Mn	Mmax/Mn	Kg
ASA 71a-6	0,18	936	0,58	61	0,74	3,2	2,3	2,4	15
ASA 71b-6	0,25	920	0,77	65,5	0,72	3,6	2,5	2,7	16
ASA 80a-6	0,37	936	1,09	67	0,73	3,6	2	2,5	22
ASA 80b-6	0,55	932	1,66	68,5	0,7	4	2,2	2,3	24
ASA 90S-6	0,75	933	1,99	71,5	0,76	3,2	2	3,4	30
ASA 90L-6	1,1	936	2,82	74	0,76	4	2,4	2,6	33
ASA 100LX-6	1,5	950	3,70	77	0,76	4,6	1,9	2,2	48
ASA 112M-6	2,2	960	5,29	79	0,76	5,7	2,2	2,3	57
ASA 132S-6	3	962	6,94	81	0,77	5,3	2,7	2,9	90
ASA 132Ma-6	4	970	8,81	84	0,78	5,5	2,1	2,2	100
ASA 132Mb-6	5,5	967	11,5	86,5	0,8	6	2,4	2,6	110
ASA 160M-6	7,5	969	15,6	88	0,79	6,5	2	2,1	140
ASA 160L-6	11	970	22,7	88,5	0,79	6,5	1,9	2	160
ASA 180L-6	15	969	30,4	89	0,8	6,5	1,8	2	225
ASA 200La-6	18,5	977	36,9	90,5	0,8	6,7	2	2,5	285
ASA 200Lb-6	22	980	42,2	91,73	0,82	6,2	2	2,3	300
ASA 225M-6	30	982	56,4	91,41	0,84	6,9	1,8	2,4	350
ASA 250M-6	37	985	68,3	92,01	0,85	7,2	2,7	2,7	430
ASA 280S-6	45	980	82,1	92	0,86	6,2	1,9	2	560
ASA 280M-6	55	980	100,1	92,2	0,86	6,7	2	2,1	690
ASA 315S-6	75	985	134	92,78	0,87	7,3	2,4	2,5	790
ASA 315M-6	90	985	158	93,5	0,88	7,5	2,3	2,4	880
ASA 315MX-6	110	990	199	93,96	0,85	6,5	2	2,2	1110
ASA 315LX-6	132	990	235	94,2	0,86	6,5	2	2,2	1110
ASA 315LY-6	160	990	284	94,5	0,86	6,5	2	2,2	1210
ASA 355M-6	200	990	341	95,1	0,89	6,0	2,1	2,1	1795
ASA 355L-6	250	990	430	95,3	0,88	7,0	2,5	2,5	1850

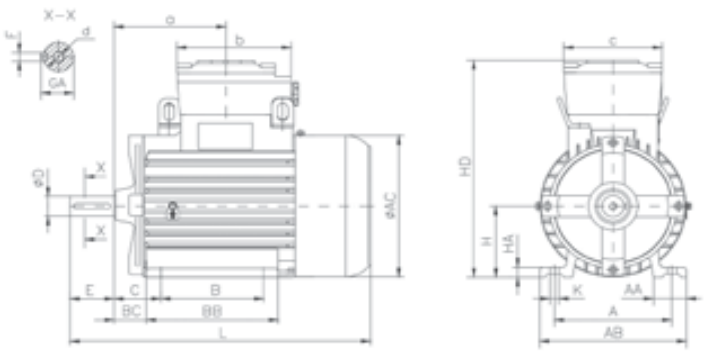
ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

Vitesse / *Speed* - 750 RPM - 8 pôles 50HZ

Type	(kW)	rpm	In(A)	μ (%)	Cos ø	Ip/In	Mp/Mn	Mmax/Mn	Kg
ASA 71-8	0,09	704	0,45	50	0,58	2,9	3	3,3	16
ASA 80a-8	0,18	705	0,80	53	0,61	2,9	3,1	3,3	22
ASA 80b-8	0,25	700	0,91	62	0,64	3	3,2	3,3	24
ASA 90S-8	0,37	701	1,28	66	0,63	3	2,9	3,1	31
ASA 90L-8	0,55	690	1,72	67	0,69	3,3	2,8	3	34
ASA 100LW-8	0,75	718	2,24	70	0,69	3,8	2	2,3	43
ASA 100LX-8	1,1	712	3,23	72,4	0,68	4,1	2	2,3	48
ASA 112M-8	1,5	725	4,08	74,7	0,71	4,5	1,4	1,9	58
ASA 132S-8	2,2	719	5,70	78,5	0,71	5,17	1,76	2,13	90
ASA 132M-8	3	712	7,23	82	0,73	5,84	1,8	1,84	110
ASA 160Ma-8	4	730	10,2	82	0,69	4,5	1,95	2	130
ASA 160Mb-8	5,5	732	13,5	84	0,7	5,2	2,1	2,2	140
ASA 160L-8	7,5	731	18,2	85	0,7	5	2	2,1	160
ASA 180L-8	11	720	24,3	86	0,76	5	1,8	1,9	225
ASA 200L-8	15	734	30,8	89,1	0,79	5,2	2	2,3	300
ASA 225S-8	18,5	734	36,6	90,1	0,81	6,5	1,8	2,2	345
ASA 225M-8	22	733	42,6	91	0,82	6,5	1,8	2	350
ASA 250M-8	30	732	58,7	91	0,81	6,5	2,2	2,3	430
ASA 280S-8	37	730	73,4	91	0,8	4,9	1,8	1,9	560
ASA 280M-8	45	730	88,3	92	0,8	6,2	2,1	2,5	690
ASA 315S-8	55	740	106	92,5	0,81	5,9	1,8	1,9	800
ASA 315M-8	75	740	142	93	0,82	5,5	1,8	2	880
ASA 315MX-8	90	740	181	93,1	0,77	5,9	1,8	2	1110
ASA 315LY-8	110	740	218	93,3	0,78	5,9	1,8	2	1200
ASA 315LZ-8	132	740	261	93,5	0,78	5,5	1,8	2	1280
ASA 355M-8	160	743	293	95,0	0,83	6,0	2,0	2,0	1795
ASA 355L-8	200	745	366	95,1	0,83	5,5	2,0	2,0	1875

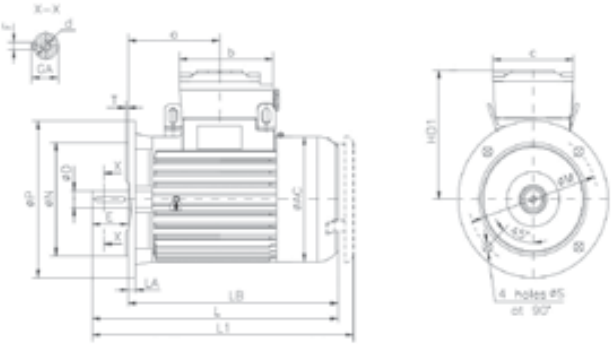
ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

B3 Size 63-112



Type	A	B	C	H-0,5	K	Dj6	E	Fh9	GA	d	AA	AB	BB	BC	HA	AC	HD	L	a	b	c
63	100	80	40	63	7	11	23	4	12,5	M4	31	131	104	28,5	9	125	200	259	100	105	95
71	112	90	45	71	7	14	30	5	16	M5	37	141	125	33	9	140	222	295	80	105	95
80	125	100	50	80	10	19	40	6	21,5	M6	35	160	152	35,5	12	158	254	315	125	125	120
90S	140	100	56	90	10	24	50	8	27	M8	40	180	147	39,5	13	177	272	361	140	125	120
90L	140	125	56	90	10	24	50	8	27	M8	40	180	172	39,5	13	177	272	361	140	125	120
100LW	160	140	63	100	12	28	60	8	31	M10	45	200	180	43	14	199	307	412	155	160	135
100LX	160	140	63	100	12	28	60	8	31	M10	45	200	200	43	14	199	307	437	165	160	135
112M	190	140	70	112	12	28	60	8	31	M10	45	224	200	50	15	221	332	456	175	160	135

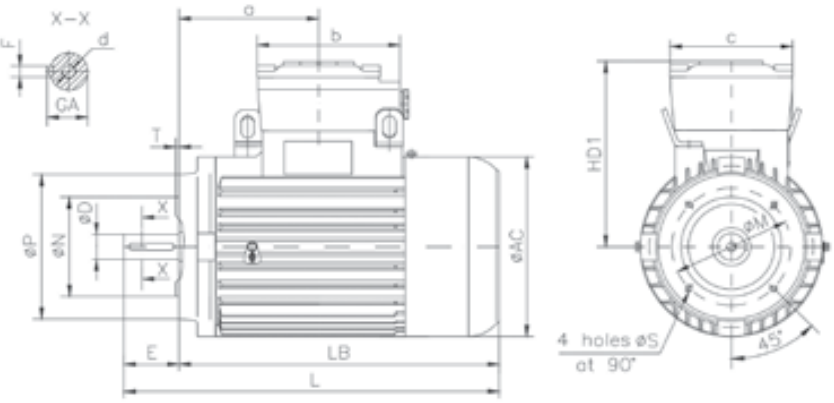
B5 Size 63-112



Type	M	Nj6	P	S	T	Dj6	E	Fh9	GA	d	AC	HD1	LA	LB	L	a	b	c	L1
63	115	95	140	10	3	11	23	4	12,5	M4	125	137	8	236	259	100	105	95	273
71	130	110	160	10	3,5	14	30	5	16	M5	140	151	8	265	295	80	105	95	309
80	165	130	200	12	3,5	19	40	6	21,5	M6	158	174	10	275	315	125	125	120	346
90S	165	130	200	12	3,5	24	50	8	27	M8	177	182	10	311	361	140	125	120	392
90L	165	130	200	12	3,5	24	50	8	27	M8	177	182	10	311	361	140	125	120	392
100LW	215	180	250	14.5	4	28	60	8	31	M10	199	207	12	352	412	155	160	135	436
100LX	215	180	250	14.5	4	28	60	8	31	M10	199	207	12	377	437	165	160	135	461
112M	215	180	250	14.5	4	28	60	8	31	M10	221	220	12	396	456	175	160	135	474

ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

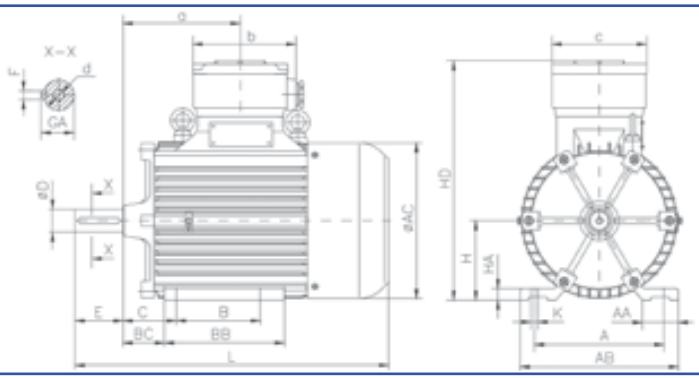
B14 Size 63-160



Type	Flangia / *Flange*	M	N_{j6}	P	S	T	D		E	F_{h9}	GA	d	AC	HD1	LB	L	a	b	c
							nom	tol											
63	F75	75	60	90	M5	2,5	11	j6	23	4	12,5	M4	125	137	236	259	100	105	95
	F100	100	80	120	M6	3													
71	F85	85	70	105	M6	2,5	14	j6	30	5	16	M5	140	151	265	295	80	105	95
	F115	115	95	140	M8	3													
80	F100	100	80	120	M6	3	19	j6	40	6	21,5	M6	158	174	275	315	125	125	120
	F130	130	110	160	M8	3,5													
90S	F115	115	95	140	M8	3	24	j6	50	8	27	M8	177	182	311	361	140	125	120
	F130	130	110	160	M8	3,5													
90L	F115	115	95	140	M8	3	24	j6	50	8	27	M8	177	182	311	361	140	125	120
	F130	130	110	160	M8	3,5													
100LW	F130	130	110	160	M8	3,5	28	j6	60	8	31	M10	199	207	352	412	155	160	135
	F165	165	130	200	M10	3,5													
100LX	F130	130	110	160	M8	3,5	28	j6	60	8	31	M10	199	207	377	437	165	160	135
	F165	165	130	200	M10	3,5													
112M	F130	130	110	160	M8	3,5	28	j6	60	8	31	M10	221	220	396	456	175	160	135
	F165	165	130	200	M10	3,5													
132S	F165	165	130	200	M10	3,5	38	k6	80	10	41	M12	263	268	443	523	200	175	160
	F215	215	180	250	M12	4													
132M	F165	165	130	200	M10	3,5	38	k6	80	10	41	M12	263	268	490	570	225	175	160
	F215	215	180	250	M12	4													
160	F215	215	180	250	M12	4	42	k6	110	12	45	M16	317	311	550	660	245	210	195
	F265	265	230	300	M12	4													

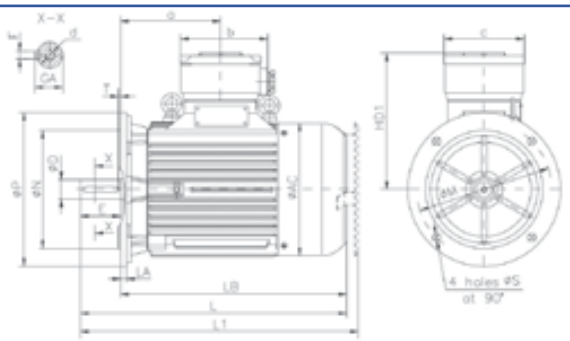
ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

B3 Size 132-200



Type	A	B	C	H-0,5	K	D	E	Fh9	GA	d	AA	AB	BB	BC	HA	AC	HD	L	a	b	c
132S	216	140	89	132	12	38 k6	80	10	41	M12	60	264	200	69	19	263	400	523	200	175	160
132M	216	178	89	132	12	38 k6	80	10	41	M12	60	264	250	69	19	263	400	570	225	175	160
160M	254	210	108	160	14,5	42 k6	110	12	45	M16	80	320	300	63	20	317	471	660	245	210	195
160L	254	254	108	160	14,5	42 k6	110	12	45	M16	80	320	300	63	20	317	471	660	245	210	195
180M	279	241	121	180	14,5	48 k6	110	14	51,5	M16	80	360	340	71	25	357	507	730	275	210	195
180L	279	279	121	180	14,5	48 k6	110	14	51,5	M16	80	360	340	71	25	357	507	730	275	210	195
200L	318	305	133	200	18,5	55 m6	110	16	59	M20	82	400	380	95	25	396	573	803	305	280	245

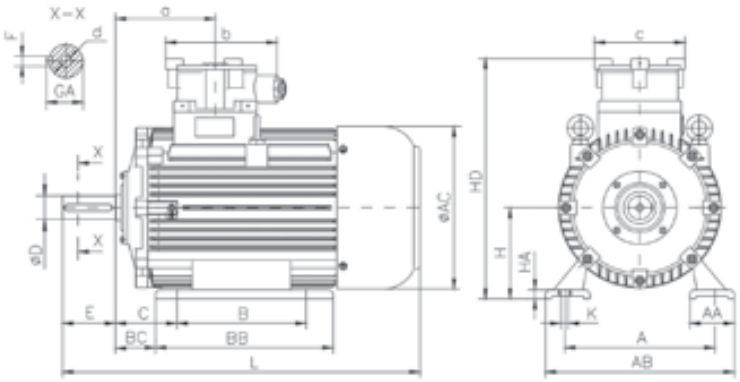
B5 Size 132-200



Type	M	Nj6	P	S	T	Dj6	E	Fh9	GA	d	AC	HD1	LA	LB	L	a	b	c	L1
132S	265	230	300	14,5	4	38 k6	80	10	41	M12	263	268	12	443	523	200	175	160	544
132M	265	230	300	14,5	4	38 k6	80	10	41	M12	263	268	12	490	570	225	175	160	591
160M	300	250	350	18,5	5	42 k6	110	12	45	M16	317	311	16	550	660	245	210	195	713
160L	300	250	350	18,5	5	42 k6	110	12	45	M16	317	311	16	550	660	245	210	195	713
180M	300	250	350	18,5	5	48 k6	110	14	51,5	M16	357	327	16	620	730	275	210	195	788
180L	300	250	350	18,5	5	48 k6	110	14	51,5	M16	357	327	16	620	730	275	210	195	788
200L	350	300	400	18,5	5	55 m6	110	16	59	M20	396	373	16	693	803	305	280	245	849

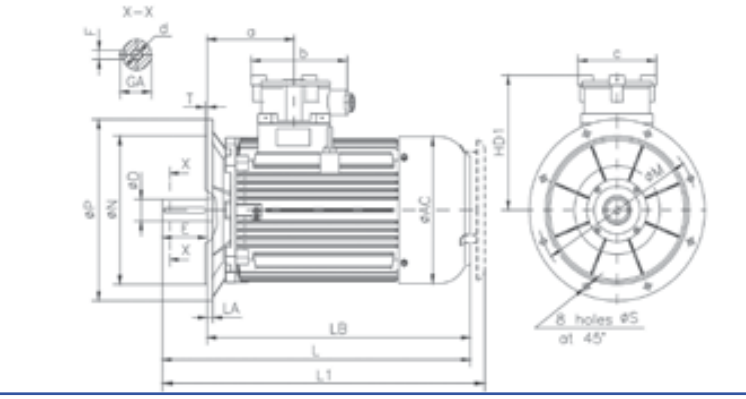
ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE1

B3 Size 225-355



Type	A	B	C	H	K	Dm6		E		Fh9		GA		d	AA	AB	BB	BC	HA	AC	HD	L		a	b	c
						2p=2	2p=4,6,8	2p=2	2p=4,6,8	2p=2	2p=4,6,8	2p=2	2p=4,6,8									2p=2	2p=4,6,8			
225S	356	286	149	225	18.5	-	60	-	140	-	18	-	64	M20	100	440	430	114	20	446	635	-	915	245	280	245
225M	356	311	149	225	18.5	55	60	110	140	16	18	59	64	M20	100	440	430	114	20	446	635	885	915	245	280	245
250M	406	349	168	250	24	60	65	140	140	18	18	64	69	M20	120	500	480	114	20	446	660	965	965	245	280	245
280S	457	368	190	280	24	65	75	140	140	18	20	69	79.5	M20	120	550	490	147	18	500	758	1042	1042	275	340	300
280M	457	419	190	280	24	65	75	140	140	18	20	69	79.5	M20	120	550	500	147	18	500	758	1082	1082	275	340	300
315S	508	406	216	315	28	65	80	140	170	18	22	69	85	M20	130	630	528	151.5	27	560	826	1190	1220	300	340	300
315M	508	457	216	315	28	65	80	140	170	18	22	69	85	M20	130	630	568	151.5	27	560	826	1230	1260	300	340	300
315MX/LX	508	457	216	315	28	65	80	140	170	18	22	69	85	M20	120	626	588	176	27	620	857	1220	1280	320	460	355
315LY	508	508	216	315	28	65	80	140	170	18	22	69	85	M20	120	626	588	176	27	620	857	1290	1350	320	460	355
315LZ	508	508	216	315	28	65	80	140	170	18	22	69	85	M20	120	626	588	176	27	620	857	-	1350	320	460	355
355M	610	560	254	355,5	28	70	100	140	210	20	28	74.5	106	M20 M24	110	714	695	177	32	705	960	1490	1560	320	460	355
355L	610	630	254	355,5	28	70	100	140	210	20	28	74.5	106	M20 M24	110	714	695	177	32	705	960	1570	1640	320	460	355

B5 Size 225-355



Type	M	Nj6	P	S	T	Dm6		E		Fh9		GA		d	AC	HD1	LA	LB		L		a	b	c	L1	
						2p=2	2p>2	2p=2	2p>2	2p=2	2p>2	2p=2	2p>2					2p=2	2p>2	2p=2	2p>2				2p=2	2p>2
225S	400	350	450	18.5	5	-	60	-	140	-	18	-	64	M20	446	410	18	775		-	915	245	280	245	-	961
225M	400	350	450	18.5	5	55	60	110	140	16	18	59	64	M20	446	410	18	775		885	915	245	280	245	934	961
250M	500	450	550	18.5	5	60	65	140	140	18	18	64	69	M20	446	410	18	825		965	965	245	280	245	1011	1011
280S	500	450	550	18.5	5	65	75	140	140	18	20	69	79.5	M20	500	478	20	902		1042	1042	275	340	300	1147	1147
280M	500	450	550	18.5	5	65	75	140	140	18	20	69	79.5	M20	500	478	20	942		1082	1082	275	340	300	1187	1187
315S	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	560	511	20	1050		1190	1220	300	340	300	1290	1320
315M	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	560	511	20	1090		1230	1260	300	340	300	1330	1360
315MX-LX	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	620	542	25	1080	1110	1220	1280	320	460	355	1320	1380
315LY	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	620	542	25	1150	1180	1290	1350	320	460	355	1390	1450
315LZ	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	620	542	25		1180	-	1350	320	460	355	-	1450
355M	740	680	800	24	6	70	100	140	210	20	28	74.5	106	M20 M24	705	605	35	1350	1350	1490	1560	320	460	355	1610	1680
355L	740	680	800	24	6	70	100	140	210	20	28	74.5	106	M20 M24	705	605	35	1430	1430	1570	1640	320	460	355	1690	1760

E2-ASA

(230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE2

Puissance / *Power* : 160 kW / 315 kW
Nombre pôles / *Poles number* : 2/4/6
Taille / *Size* : 80 - 355
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5

E2-ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE2

Vitesse / *Speed* - 3 000 RPM - 2 pôles 50HZ

Type	(kW)	rpm	In(A)	μ (%)			Cos ø	Ip/In	Mp/Mn	Mmax/Mn	Kg
				100%	75%	50%					
E2-ASA 80a-2	0,75	2865	1,59	80,3	79,5	76,1	0,85	6,3	4,1	4,3	22
E2-ASA 80b-2	1,1	2850	2,19	80,5	79,7	76,3	0,90	5,6	2,3	2,5	24
E2-ASA 90Sa-2	1,5	2850	2,95	81,6	82,1	78,5	0,89	5,2	3,3	3,4	30
E2-ASA 90L-2	2,2	2820	4,14	83,3	83,8	80,2	0,92	5,7	2,3	2,7	38
E2-ASA 100La-2	3	2830	5,6	85,2	86,5	83,2	0,91	6,1	3,2	3,5	46
E2-ASA 112Ma-2	4	2885	7,4	86,7	86,4	84,4	0,91	7,7	2,7	2,7	62
E2-ASA 132Sa-2	5,5	2930	10,1	88,6	88,3	86,0	0,85	7,7	3,6	3,9	97
E2-ASA 132Sb-2	7,5	2920	14,1	88,1	87,8	85,5	0,88	7,1	3,3	3,8	102
E2-ASA 160Ma-2	11	2925	19,6	91,0	90,6	89,8	0,90	7,0	2,3	2,4	153
E2-ASA 160Mb-2	15	2925	26,6	92,2	91,8	91,0	0,90	7,0	2,2	2,4	198
E2-ASA 160L-2	18,5	2925	32,1	92,4	92,0	91,2	0,91	7,0	2,3	2,5	220
E2-ASA 180M-2	22	2945	38,1	91,5	91,4	89,8	0,92	7,5	1,9	2,1	250
E2-ASA 200La-2	30	2930	52,3	92,3	92,1	90,8	0,90	6,4	2,5	2,5	316
E2-ASA 200Lb-2	37	2945	64,2	92,6	92,4	91,1	0,90	7,3	2,9	2,9	319
E2-ASA 225M-2	45	2955	75,3	93,5	93,7	92,9	0,91	7,7	3,0	3,6	414
E2-ASA 250M-2	55	2943	92	93,4	93,6	92,8	0,92	7,8	2,7	3,5	500
E2-ASA 280S-2	75	2950	130	94,2	94,2	93,5	0,89	6,1	1,8	1,8	614
E2-ASA 280M-2	90	2960	155	94,3	94,0	92,8	0,89	6,8	2,6	2,6	694
E2-ASA 315S-2	110	2964	183	95,1	95,1	94,3	0,93	7,5	2,2	2,7	829
E2-ASA 315M-2	132	2965	214	95,5	95,3	94,6	0,93	7,6	2,5	2,5	948
E2-ASA 315MX-2	160	2975	264	95,3	94,9	93,2	0,92	7,0	1,9	1,9	1180
E2-ASA 315LY-2	200	2980	329	95,5	95,1	93,4	0,92	7,0	2,1	2,1	1280
E2-ASA 355M-2	250	2980	431	95.1	94.9	93.5	0.88	6.3	2.2	2.8	1500
E2-ASA 355La-2	280	2980	483	95.1	94.8	93.4	0.88	6.0	2.0	2.5	1620
E2-ASA 355Lb-2	315	2980	542	95.2	94.8	93.2	0.88	6.3	2.3	2.9	1825

E2-ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE2

Vitesse / Speed - 1 500 RPM - 4 pôles 50HZ

Type	(kW)	rpm	In(A)	μ (%)			Cos ø	Ip/In	Mp/Mn	Mmax/Mn	Kg
				100%	75%	50%					
E2-ASA 80b-4	0,75	1425	1,78	79,8	78,5	75,8	0,77	5,6	2,5	2,5	24,5
E2-ASA 90Sb-4	1,1	1415	2,68	82,5	82,1	80,1	0,85	6,3	2,6	2,6	34
E2-ASA 90L-4	1,5	1420	3,33	82,8	82,4	80,4	0,78	6,2	2,9	2,9	37
E2-ASA 100La-4	2,2	1442	4,87	85,1	85,7	82,5	0,77	5,1	2,3	2,4	49
E2-ASA 100Lb-4	3	1437	6,64	85,7	86,0	83,7	0,76	5,6	2,7	3,2	54
E2-ASA 112Mb-4	4	1430	7,69	86,8	87,7	87,0	0,86	5,9	2,3	2,5	62
E2-ASA 132Sb-4	5,5	1464	10,4	88,9	88,5	87,9	0,86	6,5	2,2	2,4	103
E2-ASA 132M-4	7,5	1455	14,5	90,0	89,6	89,0	0,83	7,3	2,4	2,9	121
E2-ASA 160M-4	11	1461	19,2	90,9	90,2	87,7	0,91	7,9	2,1	2,7	170
E2-ASA 160L-4	15	1452	26,2	90,9	90,1	87,8	0,91	7,3	2,0	2,8	185
E2-ASA 180M-4	18,5	1471	33,3	92,6	92,5	91,5	0,87	7,7	2,3	2,8	215
E2-ASA 180L-4	22	1470	39,1	92,3	92,2	90,5	0,88	7,8	2,3	2,8	238
E2-ASA 280S-4	75	1480	128	94,9	94,7	94,1	0,88	7,9	2,8	3,2	658
E2-ASA 280M-4	90	1480	154	94,9	94,8	94,1	0,89	7,2	2,4	3,0	711
E2-ASA 315S-4	110	1476	181	94,7	94,5	93,5	0,91	7,3	2,0	2,3	840
E2-ASA 315M-4	132	1474	230	95,0	95,6	95,1	0,87	7,5	2,1	2,2	944
E2-ASA 315MX-4	160	1478	251	95,0	94,8	93,8	0,87	7,2	2,3	2,6	1160
E2-ASA 315LZ-4	200	1481	344	95,3	95,2	94,2	0,88	6,8	2,9	2,9	1320
E2-ASA 355M-4	250	1485	430	95.3	94.9	93.9	0.88	6.5	2.3	2.3	1795
E2-ASA 355La-4	280	1485	476	95.5	95.0	94.2	0.89	6.3	2.4	2.4	1875
E2-ASA 355Lb-4	315	1485	535	95.5	95.1	94.5	0.89	6.6	2.5	2.5	2150

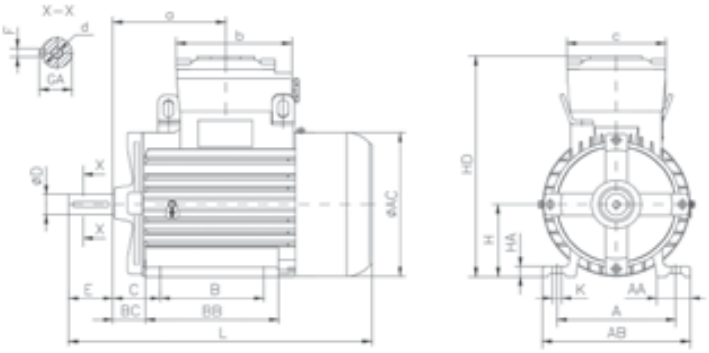
E2-ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE2

Vitesse / Speed - 1 000 RPM - 6 pôles 50HZ

Type	(kW)	rpm	In(A)	μ (%)			Cos ø	Ip/In	Mp/Mn	Mmax/Mn	Kg
				100%	75%	50%					
E2-ASA 90Sb-6	0,75	948	1,89	76,2	74,7	70,3	0,75	4,6	2,1	2,3	32,5
E2-ASA 90L-6	1,1	950	2,76	78,1	76,6	73,2	0,74	5,1	2,4	2,9	42
E2-ASA 100Lb-6	1,5	965	3,68	80,4	79,0	74,8	0,73	5,7	2,2	2,2	51
E2-ASA 112Mb-6	2,2	955	4,71	82,9	82,7	79,5	0,81	5,8	2,1	2,1	62
E2-ASA 132Sa-6	3	962	6,69	84,8	79,9	77,4	0,77	6,5	2,2	2,9	96
E2-ASA 132Ma-6	4	962	8,84	84,6	84,4	80,4	0,74	6,6	2,3	2,6	107
E2-ASA 132Mb-6	5,5	955	10,8	87,0	86,4	84,4	0,82	6,5	2,4	2,6	115
E2-ASA 160M-6	7,5	964	14,8	87,2	87,8	86,7	0,85	5,8	2,0	2,9	140
E2-ASA 160L-6	11	965	21,4	88,9	90,1	90,0	0,84	5,6	1,9	1,9	164
E2-ASA 180L-6	15	975	27,6	91,5	91,4	89,9	0,86	7,8	2,2	2,8	225
E2-ASA 200La-6	18,5	977	34,2	90,5	90,5	89,5	0,87	7,7	2,3	3,3	285
E2-ASA 200Lb-6	22	979	38,9	91,7	91,5	90,8	0,89	7,8	2,1	2,8	300
E2-ASA 225M-6	30	982	54,2	93,2	93,5	92,6	0,86	7,4	2,2	2,6	350
E2-ASA 250M-6	37	980	65,1	92,5	92,4	92,2	0,89	7,6	2,4	3,1	430
E2-ASA 280S-6	45	980	78,9	93,1	93,2	92,3	0,89	7,4	2,0	2,8	560
E2-ASA 280M-6	55	980	100	94,5	94,7	94,2	0,84	7,9	2,8	3,2	690
E2-ASA 315S-6	75	982	133	94,4	94,5	93,9	0,86	7,5	2,2	2,2	825
E2-ASA 315M-6	90	981	156	94,4	94,7	94,4	0,89	6,7	1,9	2,1	936
E2-ASA 315MX-6	110	988	196	94,3	94,2	93,2	0,87	6,5	2,5	2,5	1110
E2-ASA 315LY-6	132	985	234	94,6	94,9	94,7	0,86	5,4	2,2	2,2	1140
E2-ASA 315LZ-6	160	985	282	94,8	95,1	94,9	0,86	5,4	2,0	2,0	1340
E2-ASA 355M-6	200	987	341	95.1	94.8	94	0.89	6.0	2.1	2,1	1800
E2-ASA 355L-6	250	989	430	95.3	95	94.3	0.88	7.0	2,5	2,5	1850

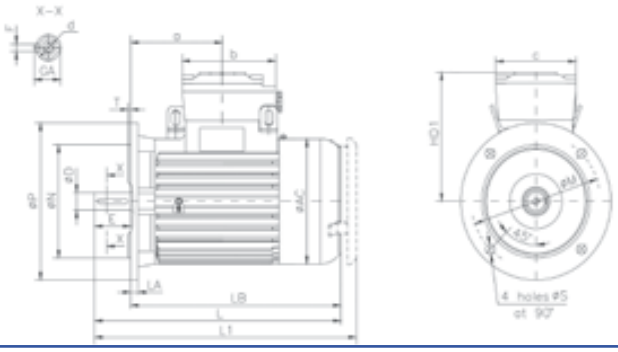
E2-ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE2

B3 Size 80-112



Type	A	B	C	H-0,5	K	Dj6	E	Fh9	GA	d	AA	AB	BB	BC	HA	AC	HD	L	a	b	c
80a	125	100	50	80	10	19	40	6	21,5	M6	35	160	152	35,5	12	158	254	315	125	125	120
80b	125	100	50	80	10	19	40	6	21,5	M6	35	160	152	35,5	12	158	254	340	125	125	120
90Sa	140	100	56	90	10	24	50	8	27	M8	40	180	147	39,5	13	177	272	361	140	125	120
90Sb	140	100	56	90	10	24	50	8	27	M8	40	180	147	39,5	13	177	272	411	140	125	120
90L	140	125	56	90	10	24	50	8	27	M8	40	180	172	39,5	13	177	272	411	140	125	120
100La	160	140	63	100	12	28	60	8	31	M10	45	200	180	43	14	199	307	435	155	160	135
100Lb	160	140	63	100	12	28	60	8	31	M10	45	200	200	43	14	199	307	465	165	160	135
112Ma	190	140	70	112	12	28	60	8	31	M10	45	224	200	50	15	221	332	454	175	160	135
112Mb	190	140	70	112	12	28	60	8	31	M10	45	224	200	50	15	221	332	480	175	160	135

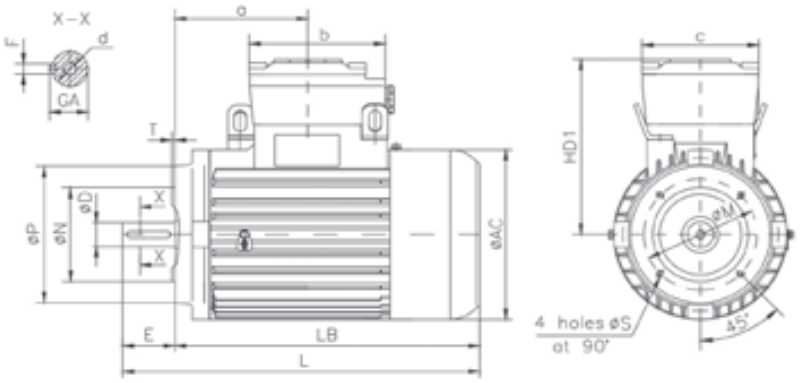
B5 Size 80-112



Type	M	Nj6	P	S	T	Dj6	E	Fh9	GA	d	AC	HD1	LA	LB	L	a	b	c	L1
80a	165	130	200	12	3,5	19	40	6	21,5	M6	158	174	10	275	315	125	125	120	346
80b	165	130	200	12	3,5	19	40	6	21,5	M6	158	174	10	300	340	125	125	120	371
90Sa	165	130	200	12	3,5	24	50	8	27	M8	177	182	10	311	361	140	125	120	392
90Sb	165	130	200	12	3,5	24	50	8	27	M8	177	182	10	361	411	140	125	120	442
90L	165	130	200	12	3,5	24	50	8	27	M8	177	182	10	361	411	140	125	120	442
100La	215	180	250	14.5	4	28	60	8	31	M10	199	207	12	375	435	155	160	135	459
100Lb	215	180	250	14.5	4	28	60	8	31	M10	199	207	12	405	465	165	160	135	489
112Ma	215	180	250	14.5	4	28	60	8	31	M10	221	220	12	394	454	175	160	135	472
112Mb	215	180	250	14.5	4	28	60	8	31	M10	221	220	12	420	480	175	160	135	498

E2-ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE2

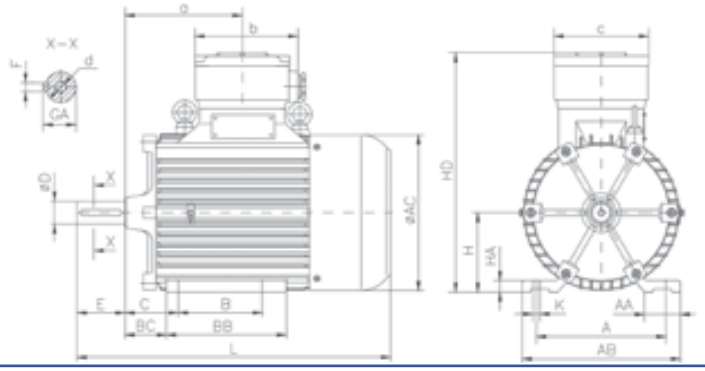
B14 Size 80-132



Type	Flangia / *Flange*	M	N_{j6}	P	S	T	D		E	F_{h9}	GA	d	AC	HD1	LB	L	a	b	c
							nom	tol											
80a	F100	100	80	120	M6	3	19	j6	40	6	21,5	M6	158	174	275	315	125	125	120
	F130	130	110	160	M8	3,5													
80b	F100	100	80	120	M6	3	19	j6	40	6	21,5	M6	158	174	300	340	125	125	120
	F130	130	110	160	M8	3,5													
90Sa	F115	115	95	140	M8	3	24	j6	50	8	27	M8	177	182	311	361	140	125	120
	F130	130	110	160	M8	3,5													
90Sb	F115	115	95	140	M8	3	24	j6	50	8	27	M8	177	182	361	411	140	125	120
	F130	130	110	160	M8	3,5													
90L	F115	115	95	140	M8	3	24	j6	50	8	27	M8	177	182	361	411	140	125	120
	F130	130	110	160	M8	3,5													
100La	F130	130	110	160	M8	3,5	28	j6	60	8	31	M10	199	207	375	435	155	160	135
	F165	165	130	200	M10	3,5													
100Lb	F130	130	110	160	M8	3,5	28	j6	60	8	31	M10	199	207	405	465	165	160	135
	F165	165	130	200	M10	3,5													
112Ma	F130	130	110	160	M8	3,5	28	j6	60	8	31	M10	221	220	394	454	175	160	135
	F165	165	130	200	M10	3,5													
112Mb	F130	130	110	160	M8	3,5	28	j6	60	8	31	M10	221	220	420	480	175	160	135
	F165	165	130	200	M10	3,5													
132Sa	F165	165	130	200	M10	3,5	38	k6	80	10	41	M12	263	268	526	606	200	175	160
	F215	215	180	250	M12	4													
132Sb	F165	165	130	200	M10	3,5	38	k6	80	10	41	M12	263	268	573	653	200	175	160
	F215	215	180	250	M12	4													

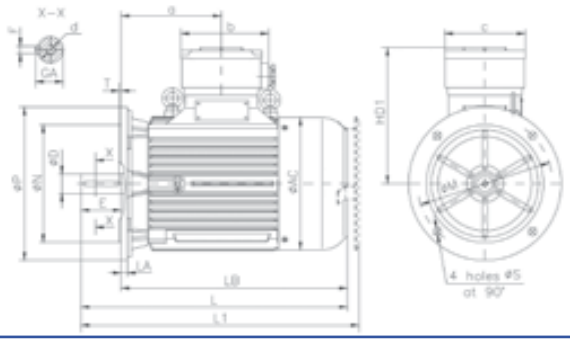
E2-ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE2

B3 Size 132-200



Type	A	B	C	H-0,5	K	D	E	Fh9	GA	d	AA	AB	BB	BC	HA	AC	HD	L	a	b	c
132Sa	216	140	89	132	12	38 k6	80	10	41	M12	60	264	200	69	19	263	400	606	200	175	160
132Sb	216	140	89	132	12	38 k6	80	10	41	M12	60	264	200	69	19	263	400	653	200	175	160
132M,Ma,Mb	216	178	89	132	12	38 k6	80	10	41	M12	60	264	250	69	19	263	400	653	225	175	160
160M,Ma,Mb	254	210	108	160	14,5	42 k6	110	12	45	M16	80	320	300	63	20	317	471	660	245	210	195
160L	254	254	108	160	14,5	42 k6	110	12	45	M16	80	320	300	63	20	317	471	660	245	210	195
180M	279	241	121	180	14,5	48 k6	110	14	51,5	M16	80	360	340	71	25	357	507	730	275	210	195
180L	279	279	121	180	14,5	48 k6	110	14	51,5	M16	80	360	340	71	25	357	507	730	275	210	195
200La,Lb	318	305	133	200	18,5	55 m6	110	16	59	M20	82	400	380	95	25	396	573	945	305	275	240

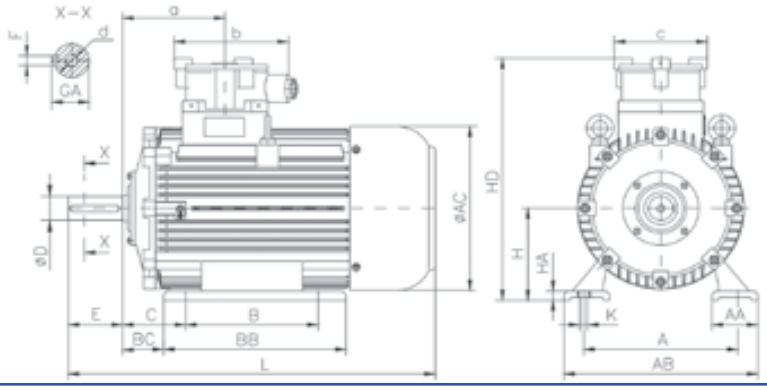
B5 Size 132-200



Type	M	Nj6	P	S	T	Dj6	E	Fh9	GA	d	AC	HD1	LA	LB	L	a	b	c	L1
132Sa	265	230	300	14,5	4	38 k6	80	10	41	M12	263	268	12	526	606	200	175	160	627
132Sb	265	230	300	14,5	4	38 k6	80	10	41	M12	263	268	12	573	653	200	175	160	674
132M,Ma,Mb	265	230	300	14,5	4	38 k6	80	10	41	M12	263	268	12	573	653	225	175	160	674
160M,Ma,Mb	300	250	350	18,5	5	42 k6	110	12	45	M16	317	311	16	550	660	245	210	195	713
160L	300	250	350	18,5	5	42 k6	110	12	45	M16	317	311	16	550	660	245	210	195	713
180M	300	250	350	18,5	5	48 k6	110	14	51,5	M16	357	327	16	620	730	275	210	195	788
180L	300	250	350	18,5	5	48 k6	110	14	51,5	M16	357	327	16	620	730	275	210	195	788
200La,Lb	350	300	400	18,5	5	55 m6	110	16	59	M20	396	373	16	835	945	309	275	240	991

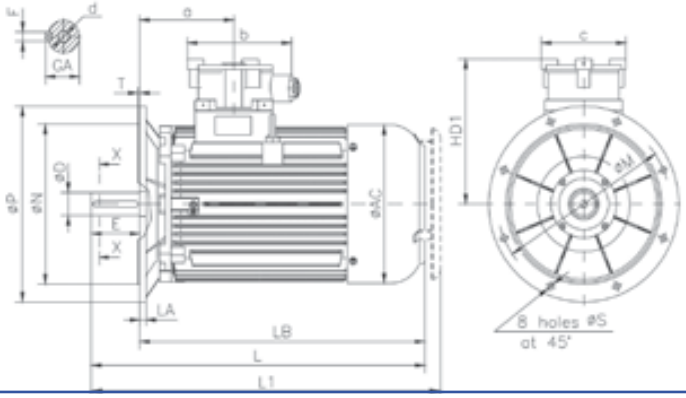
E2-ASA (230V - 400V / 400V - 690V) - Exd/Ex de II CT4 - IE2

B3 Size 225-335



Type	A	B	C	H	K	Dm6		E		Fh9		GA		d	AA	AB	BB	BC	HA	AC	HD	L		a	b	c
						2p=2	2p=4,6,8	2p=2	2p=4,6,8	2p=2	2p=4,6,8	2p=2	2p=4,6,8									2p=2	2p=4,6,8			
225S	356	286	149	225$_{0.5}$	18.5	-	60	-	140	-	18	-	64	M20	100	440	430	114	20	446	635	-	1006	295	235	235
225M	356	311	149	225$_{0.5}$	18.5	55	60	110	140	16	18	59	64	M20	100	440	430	114	20	446	635	976	1006	295	235	235
250M	406	349	168	250$_{0.5}$	24	60	65	140	140	18	18	64	69	M20	120	500	480	114	20	446	660	1056	1056	295	235	235
280S	457	368	190	280$_{.1}$	24	65	75	140	140	18	20	69	79.5	M20	120	550	460	147	18	500	758	1123	1123	280	340	300
280M	457	419	190	280$_{.1}$	24	65	75	140	140	18	20	69	79.5	M20	120	550	500	147	18	500	758	1163	1163	280	340	300
315S	508	406	216	315$_{.1}$	28	65	80	140	170	18	22	69	85	M20	130	630	528	151.5	27	560	826	1242	1272	300	340	300
315M	508	457	216	315$_{.1}$	28	65	80	140	170	18	22	69	85	M20	130	630	568	151.5	27	560	826	1282	1312	300	340	300
315MX	508	457	216	315$_{.1}$	28	65	80	140	170	18	22	69	85	M20	120	626	588	176	27	620	878	1295	1355	320	460	355
315LY	508	508	216	315$_{.1}$	28	65	80	140	170	18	22	69	85	M20	120	626	588	176	27	620	878	1365	1425	320	460	355
315LZ	508	508	216	315$_{.1}$	28	65	80	140	170	18	22	69	85	M20	120	626	588	176	27	620	878	-	1425	320	460	355
355M	610	560	254	355$_{.1}$	28	70	100	140	210	20	28	74.5	106	M20 M24	110	714	695	177	32	705	960	1490	1560	320	460	355
355La	610	630	254	355$_{.1}$	28	70	100	140	210	20	28	74.5	106	M20 M24	110	714	695	177	32	705	960	1570	1640	320	460	355

B5 Size 225-335



Type	M	Nj6	P	S	T	Dm6		E		Fh9		GA		d	AC	HD1	LA	LB		L		a	b	c	L1	
						2p=2	2p>2	2p=2	2p>2	2p=2	2p>2	2p=2	2p>2					2p=2	2p>2	2p=2	2p>2				2p=2	2p>2
225S	400	350	450	18.5	5	-	60	-	140	-	18	-	64	M20	446	410	18	866		-	1006	245	275	240	-	1055
225M	400	350	450	18.5	5	55	60	110	140	16	18	59	64	M20	446	410	18	866		976	1006	245	275	240	1025	1055
250M	500	450	550	18.5	5	60	65	140	140	18	18	64	69	M20	446	410	18	916		1056	1056	245	275	240	1102	1102
280S	500	450	550	18.5	5	65	75	140	140	18	20	69	79.5	M20	500	478	20	983		1123	1123	280	340	300	1228	1228
280M	500	450	550	18.5	5	65	75	140	140	18	20	69	79.5	M20	500	478	20	1023		1163	1163	280	340	300	1268	1268
315S	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	560	511	20	1102		1242	1272	300	340	300	1342	1372
315M	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	560	511	20	1142		1282	1312	300	340	300	1387	1412
315MX-LX	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	620	542	25	1155	1185	1295	1355	320	460	355	1395	1455
315LY	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	620	542	25	1225	1255	1365	1425	320	460	355	1465	1525
315LZ	600	550	660	24	6	65	80	140	170	18	22	69	85	M20	620	542	25	-	1255	-	1425	320	460	355	-	1525
355M	740	680	800	24	6	70	100	140	210	20	28	74.5	106	M20 M24	705	605	35	1350	1350	1490	1560	320	460	355	1610	1680
355L	740	680	800	24	6	70	100	140	210	20	28	74.5	106	M20 M24	705	605	35	1430	1430	1570	1640	320	460	355	1690	1760

YGP

(230V - 400V / 400V - 690V)
Moteur de table à rouleau / *Roller table motor*

Puissance / *Power* : 1,1 kW / 220 kW
Nombre pôles / *Poles number* : 4/6/8/10/12
Taille / *Size* : 112 - 400
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5
Type de construction / *Type of construction* :
IMB3 / IMB35 ACC to DIN 60034-7
Type de refroidissement / *Type of cooling* :
IC410 ACC to DIN EN 0034-6

YGP (230V - 400V / 400V - 690V)
Moteur de table à rouleau / *Roller table motor*

Type	(kW)	Pôles / *Pole*	(r/min)	(A)	Mmax/Mn	Cos ø	μ (%)	(A)	kg.m^2	(kg)
112L	2	4	1426	4.3	2.5	0.85	82.9	12	0.0166	90
	1.1	6	920	2.8	2.5	0.77	78	8.9		
132M1	3	4	1450	6.2	2.5	0.85	87	17	0.0251	110
	2	6	940	4.9	2.5	0.78	79	13.5		
132M2	4	4	1450	9.2	2.5	0.85	87	23	0.0333	120
	3	6	935	7.1	2.5	0.78	82	20		
160S	5.5	4	1470	11.3	2.5	0.85	87	32	0.101	180
	4	6	935	8.8	2.5	0.83	83	25		
160L1	7.5	4	1460	15	2.5	0.85	89	46.5	0.114	210
	5.5	6	945	12	2.5	0.84	83	36		
160L2	11	4	1460	21.8	2.5	0.86	89	66.5	0.140	230
	7.5	6	945	16.3	2.5	0.84	83	52		
180L	11	6	935	22.8	2.5	0.85	86	72	0.294	300
	7.5	8	710	19	2.5	0.71	84	55		
200L1	15	6	970	31.8	3.0	0.83	86	131.8	0.566	400
	11	8	730	27.3	3.0	0.71	86	123.6		
200L2	18.5	6	970	38.4	3.0	0.83	88	160	0.632	420
	13	8	737	31.5	3.0	0.71	88	120		
225M	22	6	960	45	3.0	0.84	88	172	1.1	580
	15	8	730	35.9	3.0	0.72	88	154		
250M1	25	6	960	50	3.0	0.85	89	200	2.1	650
	18.5	8	730	41.2	3.0	0.75	89	175		
250M2	30	6	970	60	3.0	0.85	89	249.9	2.75	680
	22	8	725	50	3.0	0.75	89	185		
280L1	37	6	980	71.6	3.0	0.87	90	330	5.12	930
	30	8	730	68.1	3.0	0.75	89	320		
280L2	45	6	980	87.1	3.0	0.87	90	400	6.95	1150
	37	8	730	84	3.0	0.75	89	390		

YGP (230V - 400V / 400V - 690V)
Moteur de table à rouleau / *Roller table motor*

Type	(kW)	Pôles / *Pole*	(r/min)	(A)	Mmax/Mn	Cos ø	μ (%)	(A)	kg.m^2	(kg)
315S	55	6	965	106.5	3.0	0.87	90	460	9.6	1300
	45	8	730	100.8	3.0	0.76	89	430	9.6	
315M1	75	6	965	143.5	3.0	0.87	91	630	11.4	1400
	55	8	730	122	3.0	0.76	90	520	11.4	
315M2	90	6	965	172.2	3.0	0.87	91	740	12.5	1490
	75	8	730	161.1	3.0	0.79	89	630	12.5	
355L1	110	6	977	199	3.0	0.91	92	760	18.6	1700
	90	8	735	174.4	3.0	0.85	92	754	18.6	
355L2	132	6	976	238.9	3.0	0.91	92	955	22.2	1750
	110	8	730	213.7	3.0	0.85	92	810	22.2	
355L3	160	6	978	286.5	3.0	0.91	92	1140	25.6	1800
	132	8	730	255.7	3.0	0.85	92	970	25.6	
400L1	185	6	965	334.9	3.0	0.91	92	1305	37.1	2000
	160	8	735	310	3.0	0.85	92	1270	37.1	
400L2	200	6	956	366	3.0	0.91	92	1410	42.6	2150
	185	8	735	358.5	3.0	0.85	92	1500	42.6	
400L3	220	6	960	398.2	3.0	0.91	92	1535	51.7	2290
	200	8	735	387.5	3.0	0.85	92	1670	51.7	

YGP (230V - 400V / 400V - 690V)
Moteur de table à rouleau / *Roller table motor*

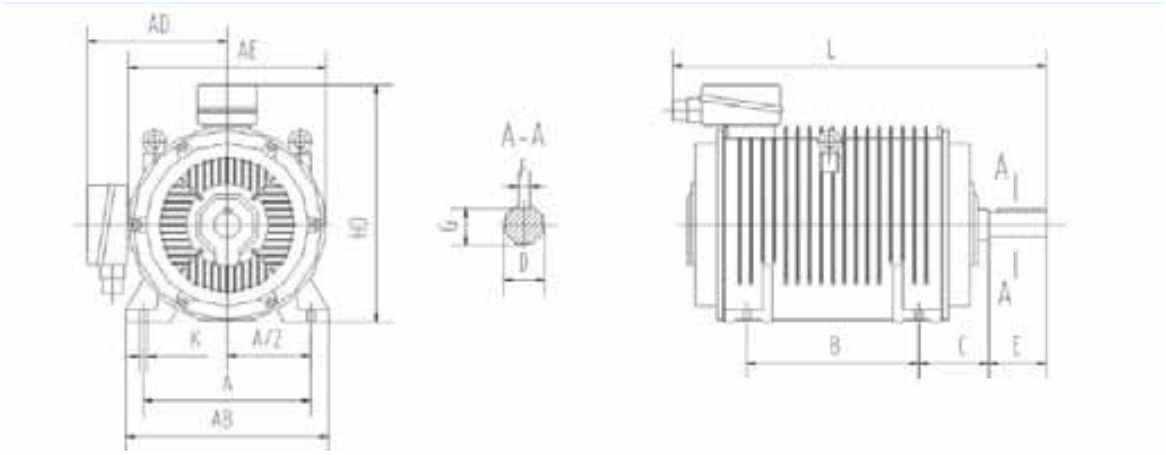
Type	(kW)	Pôles / *Pole*	(r/min)	(A)	Mmax/Mn	Cos ø	μ (%)	(A)	kg.m²	(kg)
200L1	7.5	6	568	16.1	3.0	0.83	85	60	0.566	400
	6.3	8	435	15.6	3.0	0.72	85	55		
	5.5	10	347	16.8	3.0	0.62	80	61		
	3	12	288	11.6	3.0	0.51	77	50		
200L2	9	6	566	19.4	3.0	0.83	85	70	0.632	420
	7.5	8	436	18.6	3.0	0.72	85	67		
	6.3	10	347	18.8	3.0	0.62	82	68		
	4	12	288	14.9	3.0	0.51	80	55		
225M	11	6	567	23	3.0	0.83	87	85	1.1	580
	9	8	424	22.3	3.0	0.72	85	80		
	7.5	10	347	21.7	3.0	0.63	83	80		
	5.5	12	288	19.7	3.0	0.53	80	70		
250M1	15	6	580	29.3	3.0	0.88	88	106	2.1	650
	11	8	425	25.8	3.0	0.76	85	86		
	9	10	350	25.9	3.0	0.62	85	95		
	7.5	12	290	25.1	3.0	0.54	84	91		
250M2	18.5	6	568	36.2	3.0	0.88	88	131	2.57	680
	15	8	415	34.4	3.0	0.76	87	115		
	11	10	354	30	3.0	0.64	87	110		
	9	12	294	30.6	3.0	0.53	84	110		
280L1	22	6	574	43	3.0	0.88	88	155	5.12	930
	18.5	8	430	42.4	3.0	0.76	87	175		
	15	10	351	39	3.0	0.67	87	180		
	11	12	292	37.4	3.0	0.53	84	150		
280L2	30	6	577	58.7	3.0	0.88	88	230	6.95	1150
	22	8	430	50.4	3.0	0.76	87	208		
	18.5	10	352	48.1	3.0	0.67	87	220		
	15	12	292	44	3.0	0.6	86	205		

YGP (230V - 400V / 400V - 690V)
Moteur de table à rouleau / *Roller table motor*

Type	(kW)	Pôles / *Pole*	(r/min)	(A)	Mmax/Mn	Cos ø	μ (%)	(A)	kg.m^2	(kg)
315S	37	6	567	72.4	3.0	0.88	88	297	9.6	1300
	30	8	425	65.3	3.0	0.8	87	240		
	22	10	351	54.7	3.0	0.7	87	200		
	18.5	12	282	54.4	3.0	0.6	86	200		
315M1	45	6	565	88	3.0	0.88	88	305	11.4	1400
	37	8	425	80.5	3.0	0.80	87	285		
	30	10	350	68.8	3.0	0.76	87	290		
	22	12	292	62.5	3.0	0.62	86	250		
315M2	55	6	565	105.2	3.0	0.88	90	385	12.5	1490
	45	8	425	96.8	3.0	0.80	88	350		
	37	10	352	83.8	3.0	0.76	88	350		
	30	12	282	75.5	3.0	0.70	86	320		
355L1	75	6	580	137.3	3.0	0.92	90	487	18.6	1700
	55	8	440	107.7	3.0	0.86	90	370		
	45	10	353	94.7	3.0	0.8	90	375		
	37	12	288	90.8	3.0	0.71	87	366		
355L2	90	6	580	164.7	3.0	0.92	90	588	22.2	1750
	75	8	440	146.6	3.0	0.86	90	520		
	55	10	352	115.8	3.0	0.8	90	435		
	45	12	290	107.9	3.0	0.71	89	420		
400L1	110	6	565	201.3	3.0	0.92	90	725	37.1	2000
	90	8	435	176.2	3.0	0.86	90	622		
	75	10	350	157.9	3.0	0.8	90	630		
	55	12	291	128.3	3.0	0.73	89	515		
400L2	132	6	560	241.6	3.0	0.92	90	870	42.6	2150
	110	8	435	215.4	3.0	0.86	90	760		
	90	10	350	189.4	3.0	0.8	90	735		
	63	12	290	147	3.0	0.73	89	570		
400L3	150	6	560	274.5	3.0	0.92	90	990	51.7	2290
	132	8	440	258.4	3.0	0.86	90	915		
	100	10	350	210.5	3.0	0.8	90	830		
	75	12	290	175	3.0	0.73	89	720		

YGP (230V - 400V / 400V - 690V)
Moteur de table à rouleau / *Roller table motor*

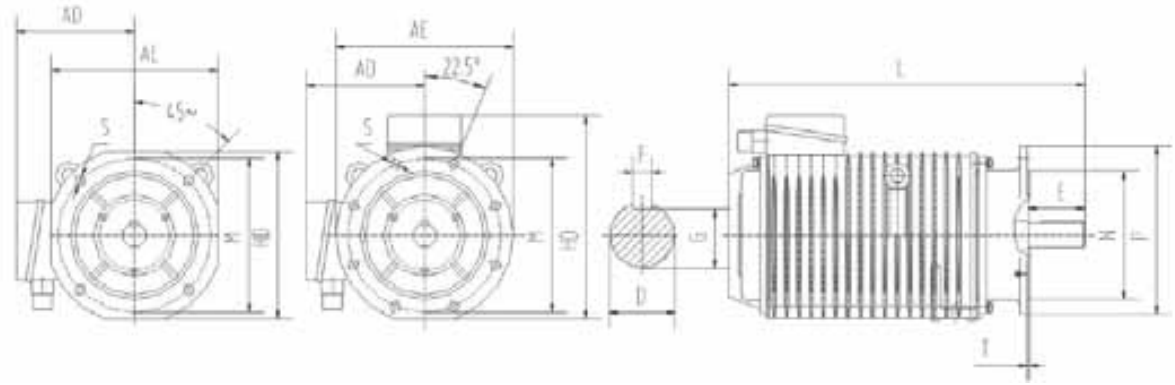
IMB3



Type	A	A/2	B	C		D	E	F	G	H	K	AB	AC	AD	HD		L		BB	HA
															YG	YGP	YG	YGP		
112L	190	95	159	70	±2.0	32	80	10	27	112	12	235	240	205	240	330	445	460	200	20
132M	216	108	178	89		38	80		33	132		265	265	220	265	355	495	520	236	23
160S	254	127		108	±3.0	48	110	14	42.5	160	15	315	315	250	320	410	570	650	236	25
160L			254														690	700	310	25
180L	279	139.5	279	121		55	140	16	49	180		360	360	295	365	500	730	750	350	30
200L	318	159	305	133		65	140	18	58	200	19	415	415	320	415	570	780	860	400	35
225M	356	178	311	149		75	170	20	67.5	225		470	470	335	465	620	835	950	415	
250M	406	203	349	168		80		22	71	250	24	540	510	260	660	680	990	990	450	40
280M	457	228.5	419	190	±4.0	85			76	280		580	580	290	720	720	1100	1100	580	
280M			457																650	
315M	508	254	406	216		90	210	25	81	315	28	640	645	325	860	860	1100	1160	650	44
315M	508	254	457			90											1200	1250	650	
355M	610	305	630	254		100		28	90	355		740	748	375	960	960	1400	1400	790	45
400M	686	343		280		110			100	100	35	850	850	425	1040	1040	1600	1600	920	55
400M			710																	

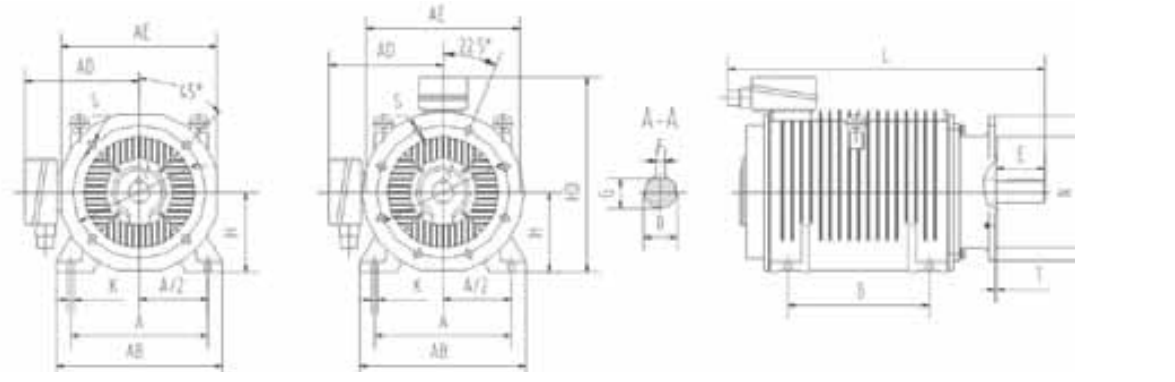
YGP (230V - 400V / 400V - 690V)
Moteur de table à rouleau / *Roller table motor*

IMB5



Type	D	E	F	G	M	N	P	R	S	T	Pôles / *Pole*	AE	AD	HD		L	
														YG	YGP	YG	YGP
112L	32	80	10	27	215	180	250	0	15	4.0	4	240	205	240	330	445	460
132M	38	80	10	33	265	230	300		19	5.0		265	220	285	355	495	520
160S	48	110	14	42.5	300	250	350					315	250	335	410	570	650
160L																690	700
180L	55	110	16	49								360	295	365	500	730	750
200L	65	140	18	58	400	350	450				8	415	320	450	570	780	860
225M	75	140	20	67.5								470	335	465	620	835	950
250M	80	170	22	71	500	450	555					510	370	510	680	935	990

IMB35



Type	A	A/2	B	C		D	E	F	G	H	K		M	N	P	R	S	T	Pôles / *Pole*	AB	AE	AD	HD		L	
																							YG	YGP	YGP	YGP
112L	190	95	159	70	+2.0	32	80	10	27	112	12	+0.43 0	215	180	250	0	15	4.0	4	235	240	205	240	330	445	460
132M	216	108	178	89		38			33	132			265	230	300					265	265	220	290	355	495	520
160S	254	127	178	108	+0.3	48	110	14	42.5	160	15		300	250	350		19	5.0		315	315	250	345	410	570	650
160L			254	108																					690	700
180L	279	1395	279	121		55		16	49	180										360	360	295	365	500	730	750
200L	318	159	305	133	+0.4	45	140	18	58	200	19	+0.6	400	350	450				8	415	415	320	430	570	780	860
225M	356	178	311	149		75		20	67.5	225										470	470	335	465	620	835	950
250M	406	203	349	168		80	170	22	71	250	24		500	450	555							260	630	680	935	990

Haute tension
High voltage

Moteurs gamme Fonte / *Motors range cast iron*

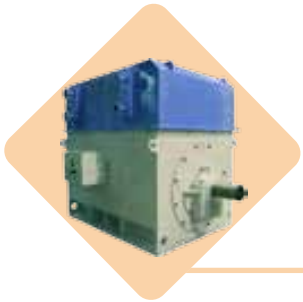
Y2
(6KV - 10KV)
PAGE 60

Y
(6KV - 10KV)
PAGE 66

YKS
(6KV - 10KV)
PAGE 80

YKK
(6KV - 10KV)
PAGE 84

YR
(6KV - 10KV)
Moteur rotor bobiné
Wound rotor motor
PAGE 103



YRKS
(6KV - 10KV)
Moteur rotor bobiné
Wound rotor motor
PAGE 115

YRKK
(6KV - 10KV)
Moteur rotor bobiné
Wound rotor motor
PAGE 119

YL
(6KV - 10KV)
PAGE 129

Y2
(6KV - 10 KV)

Puissance / *Power* : 185 kW / 1 800 kW
Nombre pôles / *Poles number* : 2/4/6/8
Taille / *Size* : 355 - 560
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5
Type de refroidissement / *Type of cooling* :
IC411 ACC to DIN EN 0034-6

Y2 (6KV)

Type	(kW)	(V)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
Y2-3551-2	185	6000	22.6	2980	93.9	0.84	2.0	0.7	7.0
Y2-3552-2	200	6000	24.4	2980	94.0	0.84	2.0	0.7	7.0
Y2-3553-2	220	6000	26.8	2980	94.2	0.84	2.0	0.7	7.0
Y2-3554-2	250	6000	30.3	2980	94.4	0.84	2.0	0.7	7.0
Y2-3555-2	280	6000	33.1	2978	94.6	0.86	2.0	0.7	7.0
Y2-4001-2	315	6000	37.2	2985	94.8	0.86	2.0	0.7	7.0
Y2-4002-2	355	6000	41.9	2985	94.9	0.86	2.0	0.7	7.0
Y2-4003-2	400	6000	47.1	2984	95.1	0.86	2.0	0.8	7.0
Y2-4004-2	450	6000	52.9	2984	95.2	0.86	2.0	0.8	7.0
Y2-4501-2	500	6000	58.0	2984	95.3	0.87	2.0	0.8	7.0
Y2-4502-2	560	6000	64.9	2984	95.4	0.87	2.0	0.8	7.0
Y2-4503-2	630	6000	73.0	2985	95.5	0.87	2.0	0.8	7.0
Y2-4504-2	710	6000	82.1	2985	95.7	0.87	2.0	0.8	7.0
Y2-5001-2	800	6000	91.5	2988	95.6	0.88	2.0	0.8	7.0
Y2-5002-2	900	6000	102.8	2988	95.7	0.88	2.0	0.8	7.0
Y2-5003-2	1000	6000	114.0	2988	95.9	0.88	2.0	0.8	7.0
Y2-5004-2	1120	6000	127.6	2988	96.0	0.88	2.0	0.8	7.0
Y2-5601-2	1250	6000	140.6	2990	96.1	0.89	2.0	0.7	7.0
Y2-5602-2	1400	6000	157.2	2990	96.3	0.89	2.0	0.7	7.0
Y2-5603-2	1600	6000	179.3	2990	96.5	0.89	2.0	0.7	7.0
Y2-3551-4	185	6000	22.6	1488	93.7	0.84	2.0	1.0	6.5
Y2-3552-4	200	6000	24.4	1488	93.9	0.84	2.0	1.0	6.5
Y2-3553-4	220	6000	26.8	1487	94.1	0.84	2.0	1.0	6.5
Y2-3554-4	250	6000	30.4	1487	94.3	0.84	2.0	1.0	6.5
Y2-3555-4	280	6000	33.9	1487	94.5	0.84	2.0	1.0	6.5
Y2-4001-4	315	6000	37.7	1489	94.6	0.85	2.0	1.0	6.5
Y2-4002-4	355	6000	42.4	1489	94.8	0.85	2.0	1.0	6.5
Y2-4003-4	400	6000	47.7	1490	95.0	0.85	2.0	1.0	6.5
Y2-4004-4	450	6000	53.5	1489	95.2	0.85	2.0	1.0	6.5
Y2-4501-4	500	6000	58.7	1488	95.3	0.86	2.0	1.0	6.5
Y2-4502-4	560	6000	65.7	1488	95.4	0.86	2.0	1.0	6.5
Y2-4503-4	630	6000	73.8	1488	95.5	0.86	2.0	1.0	6.5
Y2-4504-4	710	6000	83.1	1488	95.6	0.86	2.0	1.0	6.5
Y2-5001-4	800	6000	93.5	1490	95.7	0.86	2.0	0.8	6.5
Y2-5002-4	900	6000	105.1	1490	95.8	0.86	2.0	0.8	6.5
Y2-5003-4	1000	6000	116.7	1490	95.9	0.86	2.0	0.8	6.5
Y2-5004-4	1120	6000	130.5	1490	96.0	0.86	2.0	0.8	6.5
Y2-5601-4	1250	6000	143.9	1492	96.1	0.87	2.0	0.8	6.5

Y2 (6KV)

Type	(kW)	(V)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
Y2-5603-4	1600	6000	183.6	1492	96.4	0.87	2.0	0.8	6.5
Y2-3553-6	160	6000	20.6	988	93.4	0.8	2.0	0.8	6.0
Y2-3554-6	185	6000	23.8	988	93.5	0.8	2.0	0.8	6.0
Y2-3555-6	200	6000	25.7	988	93.6	0.8	2.0	0.8	6.0
Y2-4001-6	220	6000	27.5	993	93.8	0.82	2.0	0.8	6.0
Y2-4002-6	250	6000	31.2	993	93.9	0.82	2.0	0.8	6.0
Y2-4003-6	280	6000	34.9	993	94.1	0.82	2.0	0.8	6.0
Y2-4004-6	315	6000	39.2	992	94.3	0.82	2.0	0.8	6.0
Y2-4501-6	355	6000	43.6	990	94.5	0.83	2.0	0.9	6.0
Y2-4502-6	400	6000	49.0	990	94.6	0.83	2.0	0.9	6.0
Y2-4503-6	450	6000	55.1	990	94.7	0.83	2.0	0.9	6.0
Y2-4504-6	500	6000	61.1	990	94.9	0.83	2.0	0.9	6.0
Y2-5001-6	560	6000	68.3	994	95.1	0.83	2.0	1.0	6.0
Y2-5002-6	630	6000	76.7	994	95.2	0.83	2.0	1.0	6.0
Y2-5003-6	710	6000	86.4	994	95.3	0.83	2.0	1.0	6.0
Y2-5004-6	800	6000	97.2	994	95.4	0.83	2.0	1.0	6.0
Y2-5601-6	900	6000	107.8	995	95.6	0.84	2.0	1.0	6.0
Y2-5602-6	1000	6000	119.7	995	95.7	0.84	2.0	1.0	6.0
Y2-5603-6	1120	6000	133.9	995	95.8	0.84	2.0	1.0	6.0
Y2-5604-6	1250	6000	149.3	995	95.9	0.84	2.0	1.0	6.0
Y2-4001-8	160	6000	21.7	744	93.2	0.76	2.0	0.8	5.5
Y2-4002-8	185	6000	25.1	743	93.3	0.76	2.0	0.8	5.5
Y2-4003-8	200	6000	26.7	743	93.5	0.77	2.0	0.8	5.5
Y2-4004-8	220	6000	29.3	743	93.7	0.77	2.0	0.8	5.5
Y2-4501-8	250	6000	32.8	744	93.9	0.78	2.0	0.8	5.5
Y2-4502-8	280	6000	36.7	743	94.1	0.78	2.0	0.8	5.5
Y2-4503-8	315	6000	41.3	743	94.2	0.78	2.0	0.8	5.5
Y2-4504-8	355	6000	46.4	743	94.4	0.78	2.0	0.8	5.5
Y2-5001-8	400	6000	51.6	744	94.5	0.79	2.0	0.8	5.5
Y2-5002-8	450	6000	57.9	745	94.6	0.79	2.0	0.8	5.5
Y2-5003-8	500	6000	63.4	745	94.8	0.8	2.0	0.8	5.5
Y2-5004-8	560	6000	71.0	745	94.9	0.8	2.0	0.8	5.5
Y2-5601-8	630	6000	78.7	746	95.1	0.81	2.0	0.8	5.5
Y2-5602-8	710	6000	88.5	746	95.3	0.81	2.0	0.8	5.5
Y2-5603-8	800	6000	99.6	746	95.4	0.81	2.0	0.8	5.5
Y2-5604-8	900	6000	111.8	746	95.6	0.81	2.0	0.8	5.5

Y2 (10 KV)

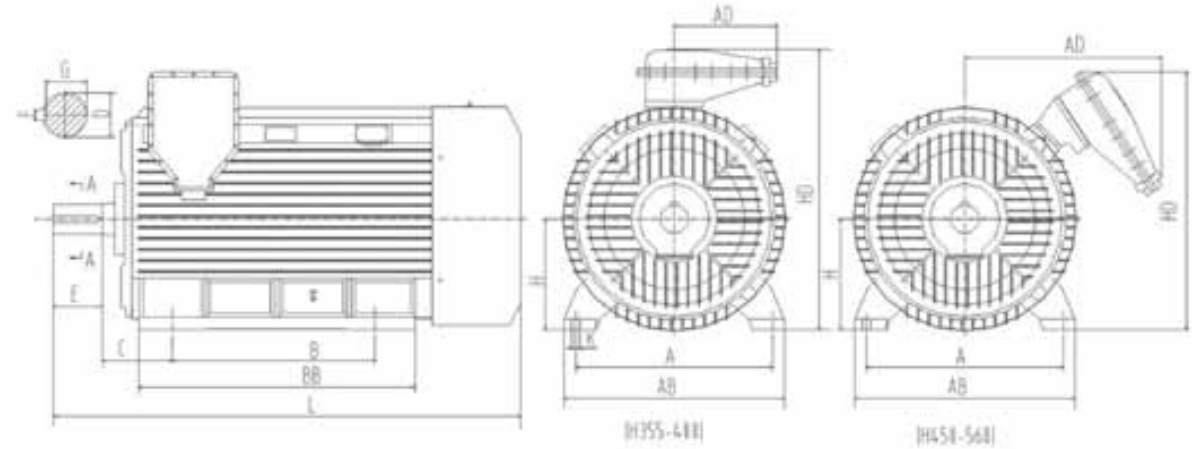
Type	(kW)	(V)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
Y2-4001-2	200	10000	14.5	2980	93.9	0.85	2.0	0.7	7.0
Y2-4002-2	220	10000	15.9	2980	94.0	0.85	2.0	0.7	7.0
Y2-4003-2	250	10000	18.0	2980	94.2	0.85	2.0	0.7	7.0
Y2-4004-2	280	10000	19.9	2980	94.4	0.86	2.0	0.7	7.0
Y2-4501-2	315	10000	22.4	2980	94.6	0.86	2.0	0.7	7.0
Y2-4502-2	355	10000	25.2	2980	94.7	0.86	2.0	0.7	7.0
Y2-4503-2	400	10000	28.3	2985	94.8	0.86	2.0	0.7	7.0
Y2-4504-2	450	10000	31.8	2985	94.9	0.86	2.0	0.7	7.0
Y2-5001-2	500	10000	34.9	2985	95.0	0.87	2.0	0.7	7.0
Y2-5002-2	560	10000	39.1	2985	95.1	0.87	2.0	0.7	7.0
Y2-5003-2	630	10000	43.9	2985	95.2	0.87	2.0	0.7	7.0
Y2-5004-2	710	10000	49.4	2985	95.3	0.87	2.0	0.7	7.0
Y2-5601-2	800	10000	55.1	2990	95.2	0.88	2.0	0.7	7.0
Y2-5602-2	900	10000	62.0	2990	95.3	0.88	2.0	0.7	7.0
Y2-5603-2	1000	10000	68.8	2990	95.4	0.88	2.0	0.7	7.0
Y2-4001-4	200	10000	14.7	1485	93.4	0.84	2.0	0.8	6.5
Y2-4002-4	220	10000	16.2	1485	93.6	0.84	2.0	0.8	6.5
Y2-4003-4	250	10000	18.3	1485	93.8	0.84	2.0	0.8	6.5
Y2-4004-4	280	10000	20.5	1485	94.0	0.84	2.0	0.8	6.5
Y2-4501-4	315	10000	22.7	1485	94.1	0.85	2.0	0.8	6.5
Y2-4502-4	355	10000	25.6	1485	94.3	0.85	2.0	0.8	6.5
Y2-4503-4	400	10000	28.8	1485	94.5	0.85	2.0	0.8	6.5
Y2-4504-4	450	10000	32.3	1485	94.7	0.85	2.0	0.8	6.5
Y2-5001-4	500	10000	35.4	1490	94.9	0.86	2.0	0.8	6.5
Y2-5002-4	560	10000	39.6	1490	95.0	0.86	2.0	0.8	6.5
Y2-5003-4	630	10000	44.5	1490	95.1	0.86	2.0	0.8	6.5
Y2-5004-4	710	10000	50.1	1490	95.2	0.86	2.0	0.8	6.5
Y2-5601-4	800	10000	55.7	1490	95.3	0.87	2.0	0.7	6.5
Y2-5602-4	900	10000	62.6	1490	95.4	0.87	2.0	0.7	6.5
Y2-5603-4	1000	10000	69.5	1490	95.5	0.87	2.0	0.7	6.5
Y2-4001-6	160	10000	12.5	990	92.5	0.80	2.0	0.7	6.0
Y2-4002-6	185	10000	14.4	990	92.6	0.80	2.0	0.7	6.0
Y2-4003-6	200	10000	15.6	990	92.7	0.80	2.0	0.7	6.0
Y2-4004-6	220	10000	16.7	990	92.9	0.82	2.0	0.8	6.0
Y2-4501-6	250	10000	18.9	990	93.0	0.82	2.0	0.8	6.0
Y2-4502-6	280	10000	21.2	990	93.2	0.82	2.0	0.8	6.0
Y2-4503-6	315	10000	23.7	990	93.4	0.82	2.0	0.8	6.0
Y2-4504-6	355	10000	26.4	990	93.6	0.83	2.0	0.8	6.0

Y2 (10 KV)

Type	(kW)	(V)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
Y2-5001-6	400	10000	29.7	990	93.8	0.83	2.0	0.8	6.0
Y2-5002-6	450	10000	33.3	990	93.9	0.83	2.0	0.8	6.0
Y2-5003-6	500	10000	36.9	990	94.2	0.83	2.0	0.8	6.0
Y2-5004-6	560	10000	41.3	990	94.4	0.83	2.0	0.8	6.0
Y2-5601-6	630	10000	46.3	995	94.6	0.83	2.0	0.7	6.0
Y2-5602-6	710	10000	52.1	995	94.8	0.83	2.0	0.7	6.0
Y2-5603-6	800	10000	58.6	995	95.0	0.83	2.0	0.7	6.0
Y2-5604-6	900	10000	65.0	995	95.2	0.84	2.0	0.7	6.0
Y2-4501-8	160	10000	13.1	740	92.7	0.76	2.0	0.8	5.5
Y2-4502-8	185	10000	15.1	740	92.8	0.76	2.0	0.8	5.5
Y2-4503-8	200	10000	16.1	740	93.0	0.77	2.0	0.8	5.5
Y2-4504-8	220	10000	17.7	740	93.2	0.77	2.0	0.8	5.5
Y2-4505-8	250	10000	19.8	740	93.4	0.78	2.0	0.8	5.5
Y2-5001-8	280	10000	22.2	740	93.5	0.78	2.0	0.8	5.5
Y2-5002-8	315	10000	24.9	745	93.6	0.78	2.0	0.8	5.5
Y2-5003-8	355	10000	28.0	745	93.8	0.78	2.0	0.8	5.5
Y2-5004-8	400	10000	31.1	745	94.0	0.79	2.0	0.8	5.5
Y2-5601-8	450	10000	34.9	745	94.2	0.79	2.0	0.7	5.5
Y2-5602-8	500	10000	38.3	745	94.3	0 . 8	2.0	0.7	5.5
Y2-5603-8	560	10000	42.8	745	94.4	0 . 8	2.0	0.7	5.5
Y2-5604-8	630	10000	48.1	745	94.6	0 . 8	2.0	0.7	5.5

Y2 (6KV - 10 KV)

IMB3



Type	A	B	C	D	E	F	G	H	K	AD	HD	L	BB	AB
355-2	630	900	254	75	140	20	67.5	355	28	860	1250	2000	1110	750
355-4~6				100	210	28	90							
400-2	710	1000	280	85	170	22	76	400	35	860	1340	2200	1200	870
400-4~8				110	210	28	100							
450-2	800	1120	280	95	170	25	86	450	35	930	1200	2310	1340	950
450-4				120	210	32	109							
450-6~8				130	250	32	119							
500-2	900	1250	C'	110	210	28	100	500	42	970	1280	2610	1490	1080
500-4			315	130	250	32	119							
500-6~8				140	250	36	128							
560-2	1000	1400	C'	130	250	32	119	560	42	1030	1380	2900	1680	1180
560-4			355	150	250	36	138							
560-6~8				160	300	40	147							

Y
(6KV - 10KV)

Puissance / *Power* : 185 kW / 10 000 kW
Nombre pôles / *Poles number* : 2/4/6/8/10/12/16
Taille / *Size* : 355 - 1 000
Type de protection / *Type of protection* :
IP23 ACC. to DIN EN-60034-5
Type de construction / *Type of construction* :
IMB3 ACC to DIN 60034-7
Type de refroidissement / *Type of cooling* :
IC01 ACC to DIN EN 0034-6

Y (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2	(kg)
Y3551-2	220	26.5	2967	92.8	0.86	1.8	0.6	7.0	4.0	16	2380
Y3552-2	250	30.1	2968	92.9	0.86	1.8	0.6	7.0	3.5	18	2260
Y3553-2	280	33.7	2970	93.1	0.86	1.8	0.6	7.0	3.3	20	2200
Y3554-2	315	37.7	2970	93.4	0.86	1.8	0.6	7.0	3.5	22	2260
Y3555-2	355	42.4	2973	93.7	0.86	1.8	0.6	7.0	3.8	24	2320
Y3556-2	400	47.6	2973	94.1	0.86	1.8	0.6	7.0	4.0	27	2380
Y4001-2	450	53.3	2975	94.4	0.86	1.8	0.6	7.0	5.0	30	2600
Y4002-2	500	58.5	2976	94.6	0.87	1.8	0.6	7.0	5.0	33	2860
Y4003-2	560	65.4	2977	94.7	0.87	1.8	0.6	7.0	5.2	36	2970
Y4004-2	630	73.4	2978	94.9	0.87	1.8	0.6	7.0	5.5	39	3080
Y4501-2	710	82.7	2977	95.0	0.87	1.8	0.6	7.0	11.0	43	4000
Y4502-2	800	92.9	2976	95.2	0.87	1.8	0.6	7.0	12.0	51	4200
Y4503-2	900	104.5	2974	95.3	0.87	1.8	0.6	7.0	12.9	55	4400
Y4504-2	1000	114.6	2977	95.4	0.88	1.8	0.6	7.0	13.5	57	4510
Y5001-2	1120	128.2	2978	95.5	0.88	1.8	0.6	7.0	18.8	58	4730
Y5002-2	1250	143.0	2979	95.6	0.88	1.8	0.6	7.0	21.0	67	5060
Y5003-2	1400	160.0	2979	95.7	0.88	1.8	0.6	7.0	22.0	73	5280
Y5004-2	1600	182.6	2978	95.8	0.88	1.8	0.6	7.0	23.0	80	5390
Y5601-2	1800	205.2	2981	95.9	0.88	1.8	0.6	7.0	34.0	86	6600
Y5602-2	2000	227.8	2981	96.0	0.88	1.8	0.6	7.0	38.0	92	7040
Y5603-2	2240	254.9	2982	96.1	0.88	1.8	0.6	7.0	39.5	98	7205
Y6301-2	2500	281.0	2982	96.2	0.89	1.8	0.6	7.0	46.0	105	7590
Y6302-2	2800	314.4	2982	96.3	0.89	1.8	0.6	7.0	53.0	111	8470
Y6303-2	3150	353.7	2983	96.3	0.89	1.8	0.6	7.0	60.0	117	9430

Y (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²	(kg)
Y3551-4	185	22.8	1477	93.1	0.84	1.8	0.8	6.5	5	64.0	1865
Y3552-4	200	24.6	1477	93.2	0.84	1.8	0.8	6.5	5.2	70	1915
Y3553-4	220	26.7	1477	93.3	0.85	1.8	0.8	6.5	5.5	76	1969
Y3554-4	250	30.3	1478	93.4	0.85	1.8	0.8	6.5	5.5	82	2024
Y3555-4	280	33.5	1478	93.5	0.86	1.8	0.8	6.5	6	95	2200
Y3556-4	315	37.7	1478	93.6	0.86	1.8	0.8	6.5	8	106	2367
Y4001-4	355	42.3	1485	93.8	0.86	1.8	0.8	6.5	13	88	2574
Y4002-4	400	47.6	1486	94.0	0.86	1.8	0.8	6.5	14	98	2618
Y4003-4	450	53.5	1485	94.2	0.86	1.8	0.8	6.5	15	108	2684
Y4004-4	500	58.6	1485	94.3	0.87	1.8	0.8	6.5	17	119	2772
Y4005-4	560	65.5	1485	94.5	0.87	1.8	0.8	6.5	18	131	2882
Y4501-4	630	73.5	1485	94.8	0.87	1.8	0.8	6.5	19	145	3498
Y4502-4	710	82.7	1485	95.0	0.87	1.8	0.8	6.5	21	161	3531
Y4503-4	800	93.0	1486	95.1	0.87	1.8	0.8	6.5	22	178	3630
Y4504-4	900	104.6	1487	95.2	0.87	1.8	0.8	6.5	24	197	4235
Y5001-4	1000	116.1	1485	95.3	0.87	1.8	0.7	6.5	29	214	4477
Y5002-4	1120	128.4	1485	95.4	0.88	1.8	0.7	6.5	31	235	4708
Y5003-4	1250	143.1	1485	95.5	0.88	1.8	0.7	6.5	35	256	4862
Y5004-4	1400	160.1	1484	95.6	0.88	1.8	0.7	6.5	37	280	5060
Y5601-4	1600	180.8	1488	95.7	0.89	1.8	0.6	6.5	57	310	5742
Y5602-4	1800	203.1	1488	95.8	0.89	1.8	0.6	6.5	61	340	5962
Y5603-4	2000	225.5	1488	95.9	0.89	1.8	0.6	6.5	66	367	6248
Y6301-4	2240	252.3	1488	96.0	0.89	1.8	0.6	6.5	107	397	7029
Y6302-4	2500	281.3	1488	96.1	0.89	1.8	0.6	6.5	113	427	7425
Y6303-4	2800	314.7	1488	96.2	0.89	1.8	0.6	6.5	128	462	7821
Y3553-6	185	23.7	987	92.6	0.81	1.8	0.8	6.0	10	167	2060
Y3554-6	200	25.6	987	92.8	0.81	1.8	0.8	6.0	10	187	2100
Y3555-6	220	27.8	987	93.0	0.82	1.8	0.8	6.0	11	209	2398
Y3556-6	250	31.4	987	93.3	0.82	1.8	0.8	6.0	11	234	2519
Y4003-6	280	34.7	988	93.5	0.83	1.8	0.8	6.0	18	259	2519
Y4004-6	315	39.0	988	93.7	0.83	1.8	0.8	6.0	19	288	2618
Y4003-6	355	43.8	988	93.9	0.83	1.8	0.8	6.0	20	321	2739
Y4004-6	400	49.3	988	94.0	0.83	1.8	0.8	6.0	21	358	2849
Y4501-6	450	54.7	988	94.3	0.84	1.8	0.8	6.0	28	397	3410
Y4502-6	500	59.9	988	94.5	0.85	1.8	0.8	6.0	30	436	3630
Y4503-6	560	66.9	988	94.7	0.85	1.8	0.8	6.0	31	482	3850
Y4504-6	630	75.2	989	94.8	0.85	1.8	0.8	6.0	33	535	4070
Y5001-6	710	84.6	990	95.0	0.85	1.8	0.7	6.0	43	595	4268
Y5002-6	800	95.3	989	95.1	0.85	1.8	0.7	6.0	44	660	4422
Y5003-6	900	107.0	989	95.2	0.85	1.8	0.7	6.0	50	730	4587
Y5004-6	1000	118.8	989	95.3	0.85	1.8	0.7	6.0	52	709	4774

Y (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²	(kg)
Y5601-6	1120	131.4	990	95.4	0.86	1.8	0.7	6.5	69	731	5335
Y5602-6	1250	146.5	990	95.5	0.86	1.8	0.7	6.5	77	790	5610
Y5603-6	1400	163.9	990	95.6	0.86	1.8	0.7	6.5	82	868	5885
Y6301-6	1600	187.1	991	95.7	0.86	1.8	0.7	6.5	125	935	6930
Y6302-6	1800	210.2	991	95.8	0.86	1.8	0.7	6.5	134	1038	7560
Y6303-6	2000	233.3	991	95.9	0.86	1.8	0.7	6.5	143	1129	7645
Y4001-8	185	25.0	741	92.6	0.77	1.8	0.8	5.5	18	382	2480
Y4002-8	200	26.6	741	92.8	0.78	1.8	0.8	5.5	20	401	2570
Y4003-8	220	29.2	741	92.9	0.78	1.8	0.8	5.5	22	421	2530
Y4004-8	250	32.7	741	93.0	0.79	1.8	0.8	5.5	23	474	2618
Y4005-8	280	36.6	741	93.2	0.79	1.8	0.8	5.5	24	526	2728
Y4501-8	315	40.6	742	93.4	0.80	1.8	0.8	5.5	30	585	3256
Y4502-8	355	45.7	742	93.5	0.80	1.8	0.8	5.5	32	652	3377
Y4503-8	400	51.3	742	93.7	0.80	1.8	0.8	5.5	34	727	3498
Y4504-8	450	57.0	742	93.8	0.81	1.8	0.8	5.5	37	809	3630
Y5001-8	500	63.0	742	94.3	0.81	1.8	0.8	5.5	47	889	4422
Y5002-8	560	69.6	742	94.4	0.82	1.8	0.8	5.5	50	983	4587
Y5003-8	630	78.2	743	94.5	0.82	1.8	0.8	5.5	55	1095	4774
Y5004-8	710	88.1	744	94.6	0.82	1.8	0.8	5.5	58	1215	4928
Y5601-8	800	96.8	743	94.7	0.84	1.8	0.7	6.0	88	1352	5610
Y5602-8	900	108.8	743	94.8	0.84	1.8	0.7	6.0	97	1501	5852
Y5603-8	1000	120.7	743	94.9	0.84	1.8	0.7	6.0	103	1601	6105
Y6301-8	1120	135.1	744	95.0	0.84	1.8	0.7	6.0	136	1808	7326
Y6302-8	1250	150.6	744	95.1	0.84	1.8	0.7	6.0	143	1987	7678
Y6303-8	1400	168.5	744	95.2	0.84	1.8	0.7	6.0	156	2196	8030
Y6304-8	1600	192.3	744	95.3	0.84	1.8	0.7	6.0	167	2455	8338
Y4004-10	185	25.9	593	91.7	0.75	1.8	0.8	5.5	28	572	3030
Y4005-10	200	27.9	593	91.9	0.75	1.8	0.8	5.5	29	644	3100
Y4501-10	220	29.9	592	92.1	0.77	1.8	0.8	5.5	30	725	3168
Y4502-10	250	33.4	592	92.3	0.78	1.8	0.8	5.5	31	816	3223
Y4503-10	280	37.3	592	92.5	0.78	1.8	0.8	5.5	33	906	3278
Y4504-10	315	41.4	592	92.6	0.79	1.8	0.8	5.5	35	1007	3399
Y4505-10	355	46.6	592	92.8	0.79	1.8	0.8	5.5	39	1126	3465
Y5001-10	400	51.6	592	93.3	0.80	1.8	0.8	5.5	55	1255	4257
Y5002-10	450	58.0	593	93.4	0.80	1.8	0.8	5.5	57	1395	4400
Y5003-10	500	64.3	594	93.6	0.80	1.8	0.8	5.5	64	1534	4565
Y5004-10	560	71.9	594	93.7	0.80	1.8	0.8	5.5	69	1896	4752
Y5005-10	630	80.8	595	93.8	0.80	1.8	0.8	5.5	73	1902	4950
Y5601-10	710	88.6	593	94.0	0.82	1.8	0.7	6.0	107	2110	5610
Y5602-10	800	99.7	593	94.2	0.82	1.8	0.7	6.0	113	2340	5885
Y5603-10	900	112.0	593	94.3	0.82	1.8	0.7	6.0	123	2598	6138

Y (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2	(kg)
Y6301-10	1000	124.3	594	94.4	0.82	1.8	0.7	6.0	152	2856	7315
Y6302-10	1120	138.9	594	94.6	0.82	1.8	0.7	6.0	162	3155	7700
Y6303-10	1250	154.7	594	94.8	0.82	1.8	0.7	6.0	177	3473	8085
Y6304-10	1400	173.1	594	94.9	0.82	1.8	0.7	6.0	194	3832	8393
Y4502-12	185	27.2	494	90.9	0.72	1.8	0.8	5.5	38	938	3170
Y4503-12	200	29.3	494	91.1	0.72	1.8	0.8	5.5	40	1028	3260
Y4504-12	220	31.7	494	91.4	0.73	1.8	0.8	5.5	42	1127	3300
Y4505-12	250	35.9	494	91.7	0.73	1.8	0.8	5.5	44	1236	3443
Y5001-12	280	39.3	493	92.7	0.74	1.8	0.8	5.5	52	1416	4224
Y5002-12	315	43.6	493	92.8	0.75	1.8	0.8	5.5	56	1575	3467
Y5003-12	355	49.0	494	93.0	0.75	1.8	0.8	5.5	61	1755	4532
Y5004-12	400	55.0	494	93.3	0.75	1.8	0.8	5.5	66	1964	4708
Y5005-12	450	61.8	495	93.4	0.75	1.8	0.8	5.5	74	2184	4906
Y5601-12	500	65.0	495	93.7	0.79	1.8	0.7	6.0	104	2400	5555
Y5602-12	560	72.7	495	93.8	0.79	1.8	0.7	6.0	116	2660	5775
Y5603-12	630	81.7	495	93.9	0.79	1.8	0.7	6.0	122	2960	6050
Y6301-12	710	92.0	495	94.0	0.79	1.8	0.7	6.0	174	3295	7271
Y6302-12	800	103.4	495	94.2	0.79	1.8	0.7	6.0	186	3673	7623
Y6303-12	900	116.2	495	94.3	0.79	1.8	0.7	6.0	204	4080	7975
Y6304-12	1000	129.0	495	94.4	0.79	1.8	0.7	6.0	218	4530	8272

Y (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Lst/In
Y710-1-4	3150	362	1500	96.3	0.87	0.5	1.8	6.5
Y710-2-4	3550	408	1500	96.3	0.87	0.5	1.8	6.5
Y710-3-4	4000	459	1500	96.4	0.87	0.5	1.8	6.5
Y710-4-4	4500	516	1500	96.4	0.87	0.5	1.8	6.5
Y800-1-4	5000	567	1500	96.5	0.88	0.5	1.8	6.5
Y800-2-4	5600	630	1500	96.5	0.88	0.5	1.8	6.5
Y800-3-4	6300	713	1500	96.6	0.88	0.5	1.8	6.5
Y900-1-4	7100	803	1500	96.7	0.88	0.5	1.8	6.5
Y900-2-4	8000	904	1500	96.8	0.88	0.5	1.8	6.5
Y900-3-4	9000	1016	1500	96.9	0.88	0.5	1.8	6.5
Y710-1-6	2240	261	1000	96.0	0.86	0.6	1.8	6.5
Y710-2-6	2500	291	1000	96.1	0.86	0.6	1.8	6.5
Y710-3-6	2800	326	1000	96.1	0.86	0.6	1.8	6.5
Y710-4-6	3150	366	1000	96.2	0.86	0.6	1.8	6.5
Y800-1-6	3550	413	1000	96.2	0.86	0.6	1.8	6.5
Y800-2-6	4000	465	1000	96.3	0.86	0.6	1.8	6.5
Y800-3-6	4500	523	1000	96.3	0.86	0.6	1.8	6.5
Y800-4-6	5000	580	1000	96.4	0.86	0.6	1.8	6.5
Y900-1-6	5600	643	1000	96.4	0.87	0.6	1.8	6.5
Y900-2-6	6300	722	1000	96.5	0.87	0.6	1.8	6.5
Y900-3-6	7100	813	1000	96.6	0.87	0.6	1.8	6.5
Y1000-1-6	8000	915	1000	96.7	0.87	0.6	1.8	6.5
Y1000-2-6	9000	1028	1000	96.8	0.87	0.6	1.8	6.5
Y1000-3-6	10000	1141	1000	96.9	0.87	0.6	1.8	6.5
Y710-1-8	1800	214	750	95.4	0.85	0.6	1.8	6.5
Y710-2-8	2000	237	750	95.5	0.85	0.6	1.8	6.5
Y710-3-8	2240	265	750	95.6	0.85	0.6	1.8	6.5
Y800-1-8	2500	296	750	95.7	0.85	0.6	1.8	6.5
Y800-2-8	2800	331	750	95.8	0.85	0.6	1.8	6.5
Y800-3-8	3150	372	750	95.8	0.85	0.6	1.8	6.5
Y800-4-8	3550	419	750	95.9	0.85	0.6	1.8	6.5
Y900-1-8	4000	466	750	96.0	0.86	0.6	1.8	6.5
Y900-2-8	4500	524	750	96.1	0.86	0.6	1.8	6.5
Y900-3-8	5000	582	750	96.2	0.86	0.6	1.8	6.5
Y1000-1-8	5600	651	750	96.2	0.86	0.6	1.8	6.5
Y1000-2-8	6300	732	750	96.3	0.86	0.6	1.8	6.5
Y1000-3-8	7100	824	750	66.4	0.86	0.6	1.8	6.5
Y1000-4-8	8000	928	750	96.5	0.86	0.6	1.8	6.5
Y710-1-10	1600	195	600	95.0	0.83	0.6	1.8	6.0
Y710-2-10	1800	219	600	95.1	0.83	0.6	1.8	6.0
Y710-3-10	2000	244	600	95.2	0.83	0.6	1.8	6.0
Y800-1-10	2240	272	600	95.3	0.83	0.6	1.8	6.0

Y (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Lst/In
Y800-2-10	2500	304	600	95.4	0.83	0.6	1.8	6.0
Y800-3-10	2800	340	600	95.5	0.83	0.6	1.8	6.0
Y900-1-10	3150	377	600	95.6	0.84	0.6	1.8	6.0
Y900-2-10	3550	425	600	95.7	0.84	0.6	1.8	6.0
Y900-3-10	1000	478	600	95.8	0.84	0.6	1.8	6.0
Y900-4-10	4500	538	600	95.8	0.84	0.6	1.8	6.0
Y1000-1-10	5000	597	600	95.9	0.84	0.6	1.8	6.0
Y1000-2-10	5600	669	600	95.9	0.84	0.6	1.8	6.0
Y1000-3-10	6300	752	600	96.0	0.84	0.6	1.8	6.0
Y1000-4-10	7100	847	600	96.0	0.84	0.6	1.8	6.0
Y710-1-12	1120	144	500	94.5	0.79	0.6	1.8	6.0
Y710-2-12	1250	161	500	94.6	0.79	0.6	1.8	6.0
Y710-3-12	1400	130	500	94.7	0.79	0.6	1.8	6.0
Y800-1-12	1600	203	500	94.7	0.80	0.6	1.8	6.0
Y800-2-12	1800	228	500	94.8	0.80	0.6	1.8	6.0
Y800-3-12	2000	253	500	94.9	0.80	0.6	1.8	6.0
Y800-4-12	2240	284	500	95.0	0.80	0.6	1.8	6.0
Y900-1-12	2500	312	500	95.2	0.81	0.6	1.8	6.0
Y900-2-12	2800	349	500	95.3	0.81	0.6	1.8	6.0
Y900-3-12	3150	392	500	95.4	0.81	0.6	1.8	6.0
Y1000-1-12	3550	442	500	95.5	0.81	0.6	1.8	6.0
Y1000-2-12	4000	497	500	95.6	0.81	0.6	1.8	6.0
Y1000-3-12	4500	559	500	95.6	0.81	0.6	1.8	6.0
Y1000-4-12	5000	621	500	95.7	0.81	0.6	1.8	6.0
Y710-1-16	603	89.2	375	93.1	0.73	0.6	1.8	6.0
Y710-2-16	710	100	375	93.3	0.73	0.6	1.8	6.0
Y710-3-16	800	113	375	93.4	0.73	0.6	1.8	6.0
Y710-4-16	900	127	375	93.5	0.73	0.6	1.8	6.0
Y800-1-16	1000	139	375	93.6	0.74	0.6	1.8	6.0
Y800-2-16	1120	155	375	93.7	0.74	0.6	1.8	6.0
Y800-3-16	1250	173	375	93.8	0.74	0.6	1.8	6.0
Y800-4-16	1400	194	375	93.9	0.74	0.6	1.8	6.0
Y900-1-16	1600	218	375	94.0	0.75	0.6	1.8	6.0
Y900-2-16	1800	245	375	94.1	0.75	0.6	1.8	6.0
Y900-3-16	2000	272	375	94.2	0.75	0.6	1.8	6.0
Y1000-1-16	2210	305	375	94.3	0.75	0.6	1.8	6.0
Y100-2-16	2500	340	375	94.5	0.75	0.6	1.8	6.0
Y1000-3-16	2800	380	375	94.6	0.75	0.6	1.8	6.0

Y (10KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2	(kg)
Y4505-2	355	25.1	2976	93.8	0.87	1.8	0.6	7	6.05	11.4	2915
Y4506-2	400	28.2	2978	94.1	0.87	1.8	0.6	7	12.1	16	3586
Y4507-2	450	31.7	2976	94.3	0.87	1.8	0.6	7	12.1	18.7	3685
Y4508-2	500	35.2	2977	94.4	0.87	1.8	0.6	7	12.65	19.0	3685
Y4509-2	560	39.3	2977	94.5	0.87	1.8	0.6	7	13.2	19.8	4290
Y45010-2	630	44.2	2989	94.6	0.87	1.8	0.6	7	20.9	20.2	4675
Y5001-2	710	49.2	2989	94.7	0.88	1.8	0.6	7	22	21	4884
Y5002-2	800	55.4	2987	94.8	0.88	1.8	0.6	7	23.1	22.9	5093
Y5003-2	900	62.2	2987	94.9	0.88	1.8	0.6	7	24.2	24.3	5302
Y5004-2	1000	69.1	2985	95	0.88	1.8	0.6	7	31.9	25.1	5995
Y5005-2	1120	77.2	2986	95.2	0.88	1.8	0.6	7	34.1	27.9	6314
Y5601-2	1250	85.0	2986	95.4	0.89	1.8	0.6	7	37.4	32.6	6633
Y5602-2	1400	95.1	2988	95.5	0.89	1.8	0.6	7	39.6	35.4	6952
Y5603-2	1600	108.6	2985	95.6	0.89	1.8	0.6	7	45.1	50.9	7205
Y6301-2	1800	120.7	2987	95.7	0.9	1.8	0.6	7	50.6	54.4	7656
Y6302-2	2000	134.0	2985	95.8	0.9	1.8	0.6	7	53.9	61.1	8107
Y6303-2	2240	149.7	2987	96	0.9	1.8	0.6	7	57.2	67.8	8558
Y4505-4	355	25.5	1486	93.3	0.86	1.8	0.7	7	16.5	88.5	3938
Y4506-4	400	28.7	1487	93.5	0.86	1.8	0.7	7	16.5	93.5	3993
Y4507-4	450	32.2	1485	93.9	0.86	1.8	0.7	7	17.6	103.4	4235
Y4508-4	500	35.7	1486	94	0.86	1.8	0.7	7	18.7	104.3	4290
Y4509-4	560	39.9	1489	94.2	0.86	1.8	0.7	7	27.5	117.5	4510
Y45010-4	630	44.8	1490	94.4	0.86	1.8	0.7	7	27.5	131.5	4675

Y (10KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²	(kg)
Y5001-4	710	49.6	1490	95	0.87	1.8	0.7	7	30.8	139.2	4818
Y5002-4	800	55.8	1489	95.1	0.87	1.8	0.7	7	30.8	149.2	4950
Y5003-4	900	62.0	1489	95.2	0.88	1.8	0.7	7	33	172	5115
Y5004-4	1000	68.8	1489	95.3	0.88	1.8	0.7	7	47.3	185.7	5775
Y5005-4	1120	77.0	1490	95.4	0.88	1.8	0.7	7	50.6	210.4	5962
Y5601-4	1250	84.9	1489	95.5	0.89	1.8	0.7	7	50.6	250.4	6116
Y5602-4	1400	94.9	1490	95.7	0.89	1.8	0.7	7	59.4	279.6	6270
Y5603-4	1600	108.3	1493	95.8	0.89	1.8	0.7	7	97.9	331.1	7095
Y6301-4	1800	121.8	1492	95.9	0.89	1.8	0.6	7	97.9	376.1	7348
Y6302-4	2000	135.2	1493	96	0.89	1.8	0.6	7	103.4	420.6	7502
Y6303-4	2240	151.2	1493	96.1	0.89	1.8	0.6	7	114.4	449.6	7920
Y4503-6	315	23.9	991	92.8	0.82	1.8	0.7	6	24.2	236.8	4290
Y4504-6	355	26.5	991	93.1	0.83	1.8	0.7	6	37.4	241.6	4565
Y4505-6	400	29.8	991	93.3	0.83	1.8	0.7	6	40.7	276.3	4697
Y4506-6	450	33.5	992	93.5	0.83	1.8	0.7	6	44	325	4796
Y5001-6	500	37.0	990	93.9	0.83	1.8	0.7	6	44	295	4939
Y5002-6	560	40.9	991	94.1	0.84	1.8	0.7	6	47.3	326.7	5071
Y5003-6	630	45.9	991	94.4	0.84	1.8	0.7	6	50.6	370.4	5170
Y5004-6	710	51.6	993	94.6	0.84	1.8	0.7	6	64.9	414.1	5808
Y5005-6	800	58.4	993	94.7	0.84	1.8	0.7	6	75.9	453.1	5995
Y5601-6	900	64.4	994	94.9	0.85	1.8	0.7	6	80.3	492.7	6160
Y5602-6	1000	71.4	993	95.1	0.85	1.8	0.7	6	80.3	532.7	6325
Y5603-6	1120	79.8	995	95.3	0.85	1.8	0.7	6	113.3	570.7	7040
Y5604-6	1250	88.0	995	95.4	0.86	1.8	0.7	6	124.3	610.7	7315
Y6301-6	1400	98.2	995	95.7	0.86	1.8	0.6	6	133.1	680.9	7480
Y6302-6	1600	112.1	995	95.8	0.86	1.8	0.6	6	147.4	967.6	7898
Y6303-6	1800	126.0	995	95.9	0.86	1.8	0.6	6	154.6	1085.9	8215
Y5001-8	315	25.5	739	92.8	0.77	1.8	0.7	6	47.3	411.7	4785
Y5002-8	355	28.6	739	93.1	0.77	1.8	0.7	6	49.5	440.5	4851
Y5003-8	400	31.8	738	93.2	0.78	1.8	0.7	6	49.5	475.5	4950
Y5004-8	450	35.7	738	93.4	0.78	1.8	0.7	6	55	505	5115
Y5005-8	500	39.0	739	93.8	0.79	1.8	0.7	6	58.3	534.7	5192
Y5006-8	560	43.6	744	93.9	0.79	1.8	0.7	6	85.8	552.2	5830
Y5601-8	630	47	743	94.4	0.82	1.8	0.7	6	91.3	611.7	6017
Y5602-8	710	52.8	743	94.6	0.82	1.8	0.7	6	99	701	6193
Y5603-8	800	59.5	744	94.7	0.82	1.8	0.7	6	99	791	6369
Y5604-8	900	66.8	744	94.8	0.82	1.8	0.7	6	141.9	856.1	7095
Y6301-8	1000	73.2	744	95	0.83	1.8	0.7	6	155.1	960.9	7370
Y6302-8	1120	81.8	744	95.2	0.83	1.8	0.7	6	177.1	1063.9	7535
Y6303-8	1250	91.2	745	95.3	0.83	1.8	0.7	6	192.5	1192.5	7964
Y5003-10	280	23.6	590	92.4	0.74	1.8	0.7	5.5	53.9	993.1	4807

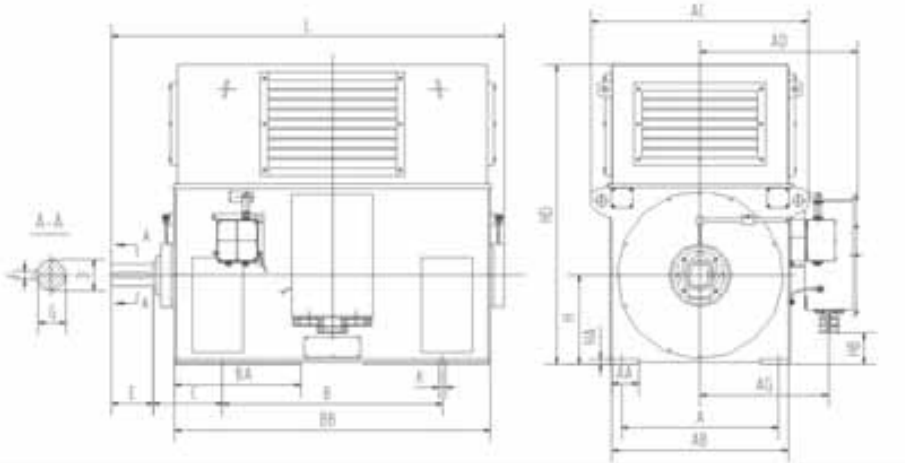
Y (10KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2	(kg)
Y5004-10	315	26.5	590	92.6	0.74	1.8	0.7	5.5	57.2	1134.8	4906
Y5005-10	355	29.4	590	92.8	0.75	1.8	0.7	5.5	57.2	1224.8	5005
Y5006-10	400	33.1	590	93	0.75	1.8	0.7	5.5	63.8	1284.2	5148
Y5601-10	450	36.2	590	93.2	0.77	1.8	0.7	6	67.1	1333.9	5225
Y5602-10	500	40.1	593	93.4	0.77	1.8	0.7	6	107.8	1360.2	5885
Y5603-10	560	44.3	592	93.5	0.78	1.8	0.7	6	107.8	1410.2	6050
Y5604-10	630	49.8	593	93.7	0.78	1.8	0.7	6	117.7	1499.3	6215
Y5605-10	710	56	593	93.9	0.78	1.8	0.7	6	130.9	1658.1	6391
Y6301-10	800	61.2	594	94.3	0.8	1.8	0.7	6	184.8	2063.2	7205
Y6302-10	900	68.7	593	94.5	0.8	1.8	0.7	6	194.7	2362.3	7425
Y6303-10	1000	76.3	593	94.6	0.8	1.8	0.7	6	212.3	2420.7	7590
Y6304-10	1120	85.4	593	94.7	0.8	1.8	0.7	6	224.4	2389.6	8030
Y5601-12	315	27.0	494	92.3	0.73	1.8	0.7	6	104.5	1000.5	5863
Y5602-12	355	30.4	494	92.5	0.73	1.8	0.7	6	114.4	1179.6	6072
Y5603-12	400	34.1	494	92.7	0.73	1.8	0.7	6	121	1279	6226
Y5604-12	450	38.3	494	92.9	0.73	1.8	0.7	6	133.1	1407.9	6380
Y5605-12	500	42.4	493	93.2	0.73	1.8	0.7	6	133.1	1657.8	6600
Y6301-12	560	46.7	492	93.5	0.74	1.8	0.7	6	183.7	2073.3	7260
Y6302-12	630	52.5	493	93.7	0.74	1.8	0.7	6	201.3	2921.7	7480
Y6303-12	710	59.0	493	93.9	0.74	1.8	0.7	6	215.6	3130.4	7656
Y6304-12	800	66.2	492	94.3	0.74	1.8	0.7	6	227.7	3199.3	8085

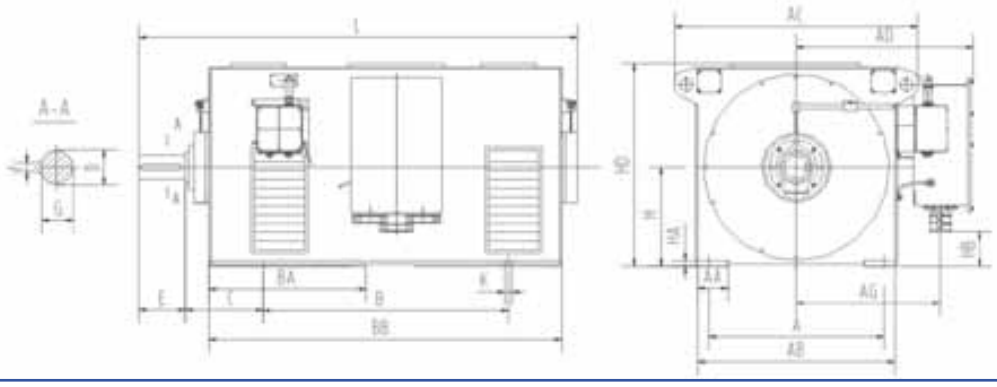
Y (10KV) - Moteur asynchrone triphasé - IP23
Y (10KV) - Tree phase asynchronous motors - IP23

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Lst/In
Y710-6-4	2500	175	1500	95.8	0.86	0.5	1.8	6.5
Y710-7-4	2800	196	1500	95.9	0.86	0.5	1.8	6.5
Y710-8-4	3150	220	1500	96.0	0.86	0.5	1.8	6.5
Y710-9-4	3500	248	1500	96.1	0.86	0.5	1.8	6.5
Y800-6-4	4000	276	1500	96.2	0.87	0.5	1.8	6.5
Y800-7-4	4500	310	1500	96.2	0.87	0.5	1.8	6.5
Y800-8-4	5000	345	1500	96.3	0.87	0.5	1.8	6.5
Y800-9-4	5600	386	1500	96.3	0.87	0.5	1.8	6.5
Y900-6-4	6300	434	1500	96.4	0.87	0.5	1.8	6.5
Y900-7-4	7100	488	1500	96.5	0.87	0.5	1.8	6.5
Y900-8-4	8000	550	1500	96.5	0.87	0.5	1.8	6.5
Y1000-6-4	9000	618	1500	96.7	0.87	0.5	1.8	6.5
Y1000-7-4	10000	686	1500	96.8	0.87	0.5	1.8	6.5
Y710-6-6	2000	144	1000	95.5	0.84	0.6	1.8	6.0
Y710-7-6	2240	161	1000	95.6	0.84	0.6	1.8	6.0
Y710-8-6	2500	180	1000	95.7	0.84	0.6	1.8	6.0
Y800-6-6	2800	201	1000	95.8	0.84	0.6	1.8	6.0
Y800-7-6	3150	226	1000	95.9	0.84	0.6	1.8	6.0
Y800-8-6	3550	254	1000	96.0	0.84	0.6	1.8	6.0
Y900-6-6	4000	286	1000	96.1	0.84	0.6	1.8	6.0
Y900-7-6	4500	314	1000	96.1	0.86	0.6	1.8	6.0
Y900-8-6	5000	349	1000	96.2	0.86	0.6	1.8	6.0
Y900-9-6	5600	391	1000	96.2	0.86	0.6	1.8	6.0
Y1000-6-6	6300	439	1000	96.3	0.86	0.6	1.8	6.0
Y1000-7-6	7100	494	1000	96.4	0.86	0.6	1.8	6.0
Y1000-8-6	8000	557	1000	96.5	0.86	0.6	1.8	6.0
Y800-6-8	2500	182	750	95.4	0.83	0.6	1.8	6.0
Y800-7-8	2800	204	750	95.5	0.83	0.6	1.8	6.0
Y900-6-8	3150	226	750	95.6	0.84	0.6	1.8	6.0
Y900-7-8	3550	255	750	95.7	0.84	0.6	1.8	6.0
Y1000-6-8	4000	287	750	95.8	0.84	0.6	1.8	6.0
Y1000-7-8	4500	323	750	95.9	0.84	0.6	1.8	6.0
Y1000-8-8	5000	358	750	96.0	0.84	0.6	1.8	6.0
Y900-6-10	2500	185	600	95.1	0.82	0.6	1.8	6.0
Y900-7-10	2800	207	600	95.2	0.82	0.6	1.8	6.0
Y1000-6-10	3150	230	600	95.3	0.83	0.6	1.8	6.0
Y1000-7-10	3550	259	600	95.4	0.83	0.6	1.8	6.0
Y100-6-12	2500	190	500	94.8	0.80	0.6	1.8	6.0
Y1000-7-12	2800	213	500	94.9	0.80	0.6	1.8	6.0
Y100-8-12	3150	239	500	95.0	0.80	0.6	1.8	6.0
Y1000-9-12	3550	269	500	95.1	0.80	0.6	1.8	6.0

Y (6KV)

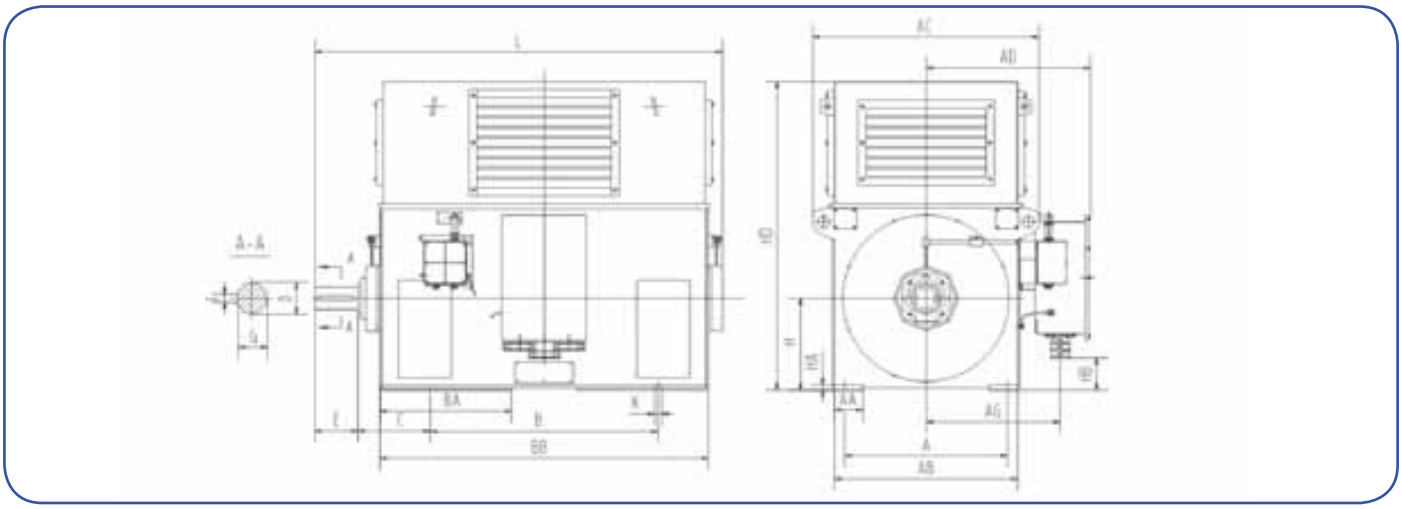


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	L
355-2	630	130	784	970	745	587	900	525	1360	315	80	170	22	71	355	20	55	1540	28	1760
400-2	710	130	810	1010	760	607	1000	565	1510	375	90	170	25	81	400	25	85	1540	35	1850
450-2	800	150	910	1120	810	657	1120	600	1620	400	100	210	28	90	450	25	185	1640	35	2130
500-2	900	150	1010	1220	860	707	1250	655	1730	560	110	210	28	100	500	25	285	1655	42	2650
560-2	1000	170	1130	1350	1060	814	1400	690	1880	560	130	250	32	119	560	30	115	1850	42	2840
560-4	1000	170	1130	1350	1060	814	1400	690	1880	500	150	250	36	138	560	30	115	1160	42	2715
560-6-12	1000	170	1130	1350	1060	814	1400	690	1880	500	160	300	40	147	560	30	115	1160	42	2765
630-2	1120	190	1260	1530	1120	879	1600	770	2150	560	140	250	36	128	630	30	265	2050	48	2970
630-4	1120	190	1260	1530	1120	879	1600	770	2150	530	170	300	40	157	630	30	265	1300	48	3030

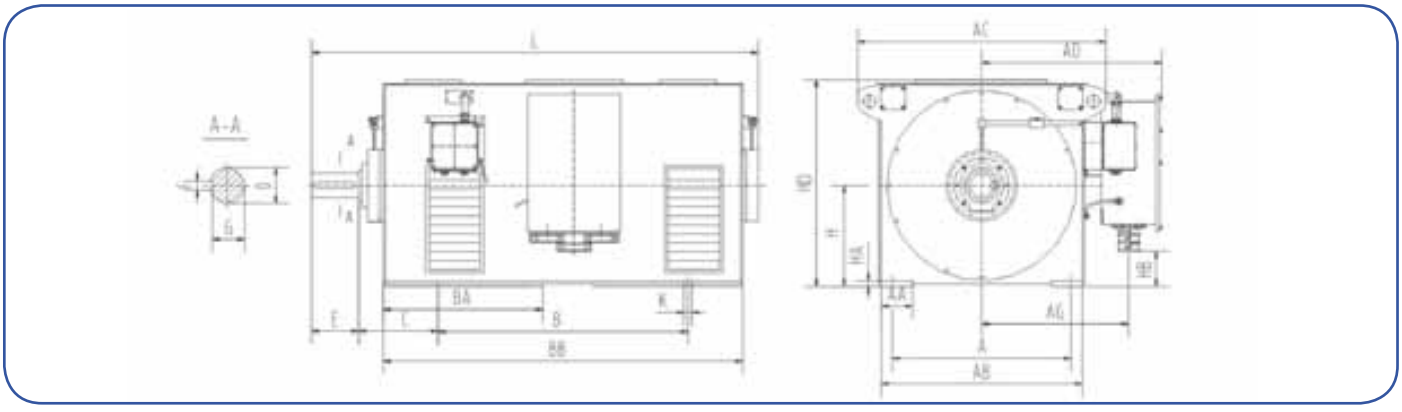


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	L
355-4~6	630	130	784	970	745	587	900	525	1360	315	100	210	28	90	355	20	55	780	28	1820
400-4~8	710	130	810	1010	760	607	1000	565	1510	335	110	210	28	100	400	25	85	835	35	1940
450-4	800	150	910	1120	810	657	1120	600	1620	355	120	210	32	109	450	25	185	935	35	2080
450-6~12	800	150	910	1120	810	657	1120	600	1620	355	130	250	32	119	450	25	185	935	35	2120
500-4	900	150	1010	1220	860	707	1250	655	1730	475	130	250	32	119	500	25	285	1040	42	2550
500-6~12	900	150	1010	1220	860	707	1250	655	1730	475	140	250	36	128	500	25	285	1040	42	2550
560-6~12	1000	170	1130	1350	1060	814	1400	690	1880	500	160	300	40	147	560	30	115	1160	42	2765
630-6~12	1120	190	1260	1530	1120	879	1600	770	2150	530	180	300	45	165	630	30	265	1300	48	3030

Y (10KV)

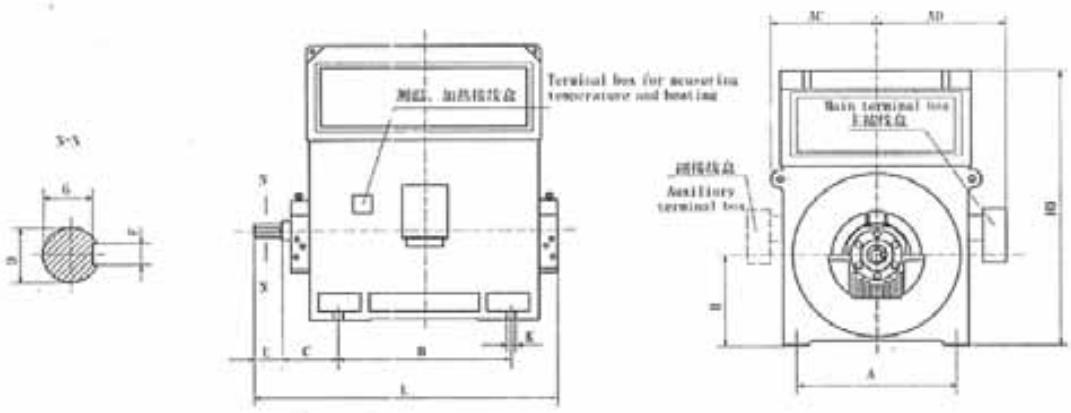


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	L
450-2	800	140	900	1120	870	692	1120	600	1620	400	90	170	25	81	450	25	128	1640	35	2130
500-2	900	140	1000	1220	920	743	1250	655	1730	560	100	210	28	100	500	25	223	1655	42	2650
560-2	1000	170	1130	1350	1000	810	1400	690	1880	560	130	250	32	119	560	30	375	1850	42	2840
560-4	1000	170	1130	1350	1060	814	1400	690	1880	500	150	250	36	138	560	30	375	1850	42	2715
630-2	1120	190	1260	1530	1100	872	1600	770	2150	560	140	250	36	128	630	30	357	2050	48	2970
630-4	1120	190	1260	1530	1120	879	1600	770	2150	530	170	300	40	157	630	30	357	2500	48	3030



Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	L
450-4~12	800	140	910	1120	810	692	1120	600	1620	355	110	210	28	100	450	25	128	935	35	2130
500-4	900	140	1010	1220	860	707	1250	655	1730	475	120	210	32	109	500	25	223	1040	42	2550
500-6~12	900	140	1010	1220	860	707	1250	655	1730	475	130	250	32	128	500	25	223	1040	42	2550
560-6~12	1000	170	1130	1350	1060	814	1400	690	1880	500	160	300	40	147	560	30	375	1160	42	2765
630-6~12	1120	190	1260	1530	1120	879	1600	770	2150	530	180	300	45	165	630	30	357	1300	48	3030

Y (6KV - 10KV)

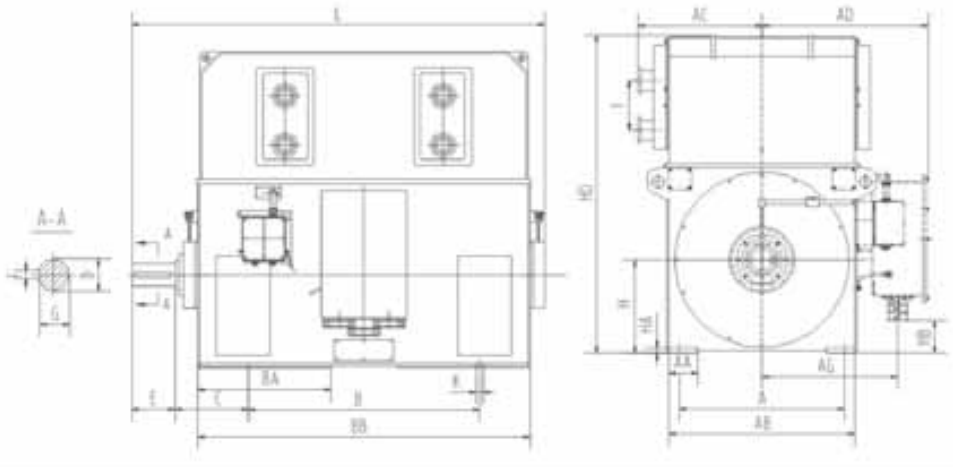


Type	Mounting dimension and tolerance									Overall dimension			
	A	B	C	D	E	F	G	H	K	AC	AD	HD	L
710	1400 ± 2.8	1800 ± 2.8	530 ± 4.2	ϕ200 $^{+0.060}_{+0.017}$	350 ± 0.7	45 $^{0}_{-0.062}$	185 $^{0}_{-0.3}$	700 $^{0}_{-1.5}$	ϕ56	950	1210	2220	3200
800	1600 ± 2.8	2000 ± 2.8	530 ± 4.2	ϕ220 $^{+0.048}_{+0.017}$	350 ± 0.7	50 $^{0}_{-0.062}$	203 $^{0}_{-0.3}$	800 $^{0}_{-1.5}$	ϕ56	1110	1340	2600	3400
900	1800 ± 3.5	2240 ± 3.5	600 ± 4.2	ϕ250 $^{+0.018}_{+0.017}$	410 ± 0.77	56 $^{0}_{-0.074}$	230 $^{0}_{-0.3}$	900 $^{0}_{-1.5}$	ϕ66	1210	1450	3000	3650
1000	2000 ± 3.5	2500 ± 3.5	600 ± 4.2	ϕ280 $^{+0.052}_{+0.020}$	470 ± 0.77	63 $^{0}_{-0.074}$	260 $^{0}_{-0.3}$	1000 $^{0}_{-1.5}$	ϕ68	1310	1520	3400	3900

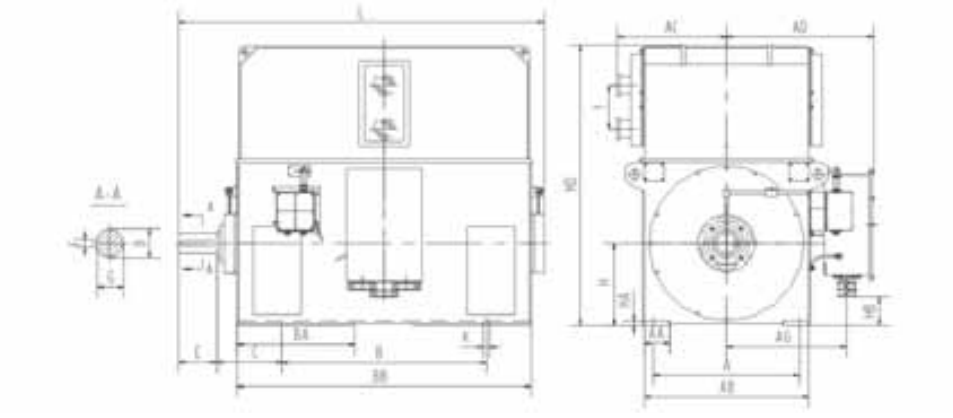
YKS
(6KV - 10KV)

Puissance / *Power* : 185 kW / 10 000 kW
Nombre pôles / *Poles number* : 2/4/6/8/10/12/16
Taille / *Size* : 355 - 1 000
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5
Type de construction / *Type of construction* :
IMB3 ACC to DIN 60034-7
Type de refroidissement / *Type of cooling* :
IC81W ACC to DIN EN 0034-6 - Air water on the top

YKS (6KV)

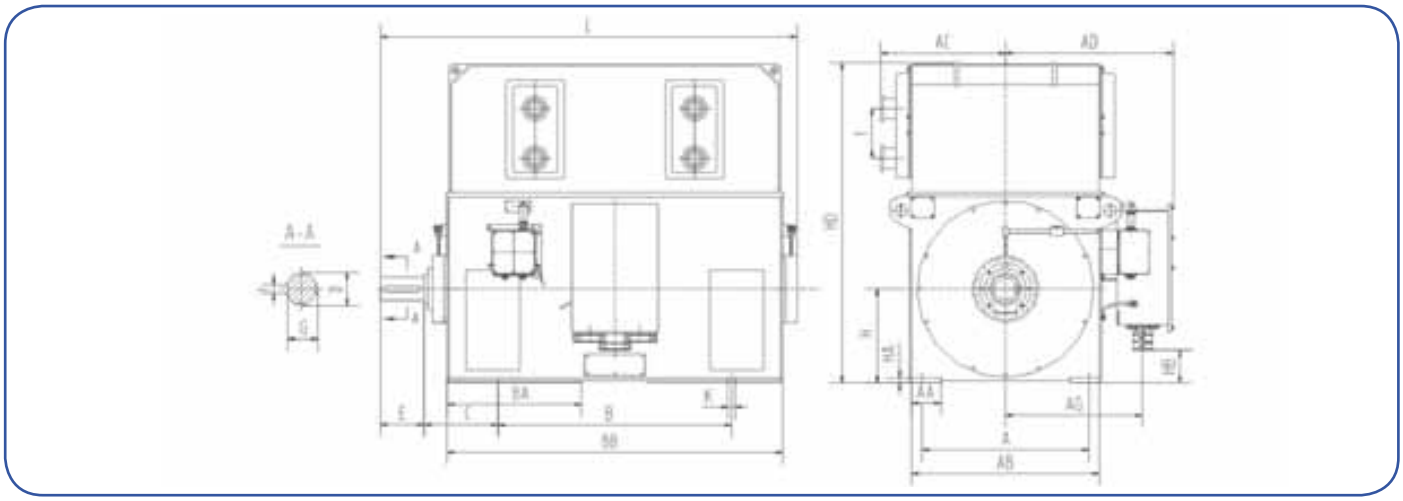


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	f	L
355-2	630	130	784	560	745	587	900	525	1360	315	80	170	22	71	355	20	55	2115	28	280	1760
400-2	710	130	810	580	760	607	1000	565	1510	375	90	170	25	81	400	25	85	2315	35	400	1850
450-2	800	150	910	620	810	657	1120	600	1690	400	100	210	28	90	450	25	185	2500	35	400	2130
500-2	900	150	1010	680	860	707	1250	655	1840	560	110	210	28	100	500	25	285	2500	42	500	2650
560-2	1000	170	1130	750	1060	814	1400	690	1890	560	130	250	32	119	560	30	115	2520	42	500	2840
630-2	1120	190	1260	800	1120	879	1600	770	2160	560	140	250	36	128	630	30	265	2780	48	500	2970

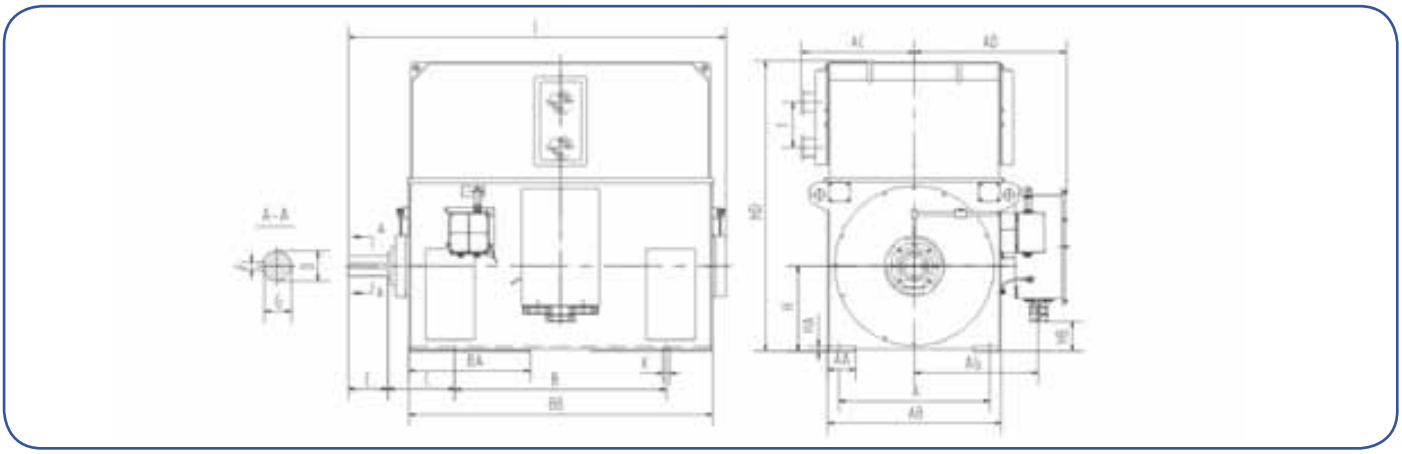


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	f	L
355-4~6	630	130	784	560	745	587	900	525	1360	315	100	210	28	90	355	20	55	2115	28	280	1820
400-4~8	710	130	810	580	760	607	1000	565	1510	335	110	210	28	100	400	25	85	2315	35	400	1940
450-4	800	150	910	620	810	657	1120	600	1620	355	120	210	32	109	450	25	185	2500	35	400	2080
450-6~12	800	150	910	620	810	657	1120	600	1620	355	130	250	32	119	450	25	185	2500	35	400	2120
500-4	900	150	1010	680	860	707	1250	655	1730	475	130	250	32	119	500	25	285	2500	42	500	2550
500-6~12	900	150	1010	680	860	707	1250	655	1730	475	140	250	36	128	500	25	285	2500	42	500	2550
560-4	1000	170	1130	750	1060	814	1400	690	1880	500	150	250	36	138	560	30	115	2520	42	500	2715
560-6~12	1000	170	1130	750	1060	814	1400	690	1880	500	160	300	40	147	560	30	115	2520	42	500	2765
630-4	1120	190	1260	800	1120	879	1600	770	2150	530	170	300	40	157	630	30	265	2780	48	500	3030
630-6~12	1120	190	1260	800	1120	879	1600	770	2150	530	180	300	45	165	630	30	265	2780	48	500	3030

YKS (10KV)

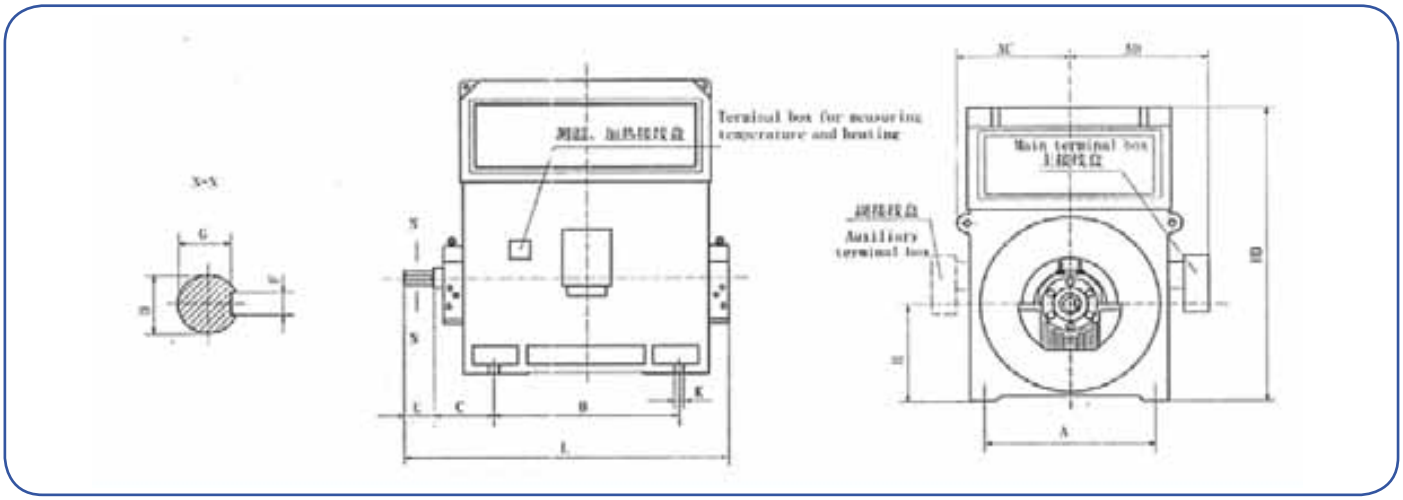


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	f	L
450-2	800	140	900	620	870	692	1120	600	1690	400	90	170	25	81	450	25	128	2500	35	400	2130
500-2	900	140	1000	680	920	743	1250	655	1840	560	100	210	28	90	500	25	223	2500	42	500	2650
560-2	1000	170	1130	750	1000	810	1400	690	1890	560	130	250	32	119	560	30	375	2520	42	500	2840
630-2	1120	190	1260	800	1100	872	1600	770	2160	560	140	250	36	128	630	30	357	2780	48	500	2970



Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	f	L
450-4~12	800	140	910	620	810	692	1120	600	1620	355	110	210	28	100	450	25	128	2500	35	400	2120
500-4	900	140	1010	680	860	707	1250	655	1730	475	120	210	32	109	500	25	223	2500	42	500	2550
500-6~12	900	140	1010	680	860	707	1250	655	1730	475	130	250	32	119	500	25	223	2500	42	500	2550
560-4	1000	170	1130	750	1060	814	1400	690	1880	500	150	250	36	138	560	30	375	2520	42	500	2715
560-6~12	1000	170	1130	750	1060	814	1400	690	1880	500	160	300	40	147	560	30	375	2520	42	500	2765
630-4	1120	190	1260	800	1120	879	1600	770	2150	530	170	300	40	157	630	30	357	2780	48	500	3030
630-6~12	1120	190	1260	800	1120	879	1600	770	2150	530	180	300	45	165	630	30	357	2780	48	500	3030

YKS (6KV - 10KV)



Type	Mounting dimension and tolerance									Overall dimension			
	A	B	C	D	E	F	G	H	K	AC	AD	HD	L
710	1400 ± 2.8	1800 ± 2.8	530 ± 4.2	ϕ200 +0.068 +0.017	350 ± 0.7	45 0 −0.062	185 0 −0.3	700 0 −1.5	ϕ56	1310	1210	2220	3200
800	1600 ± 2.8	2000 ± 2.8	530 ± 4.2	ϕ220 +0.068 +0.017	350 ± 0.7	50 0 −0.062	203 0 −0.3	800 0 −1.5	ϕ56	1400	1340	2600	3400
900	1800 ± 3.5	2240 ± 3.5	600 ± 4.2	ϕ250 +0.079 +0.017	410 ± 0.77	58 0 −0.074	230 0 −0.3	900 0 −1.5	ϕ68	1500	1450	3000	3650
1000	2000 ± 3.5	2500 ± 3.5	600 ± 4.2	ϕ280 +0.052 +0.020	470 ± 0.77	63 0 −0.074	260 0 −0.3	1000 0 −1.5	ϕ66	1600	1520	3400	3900

YKK
(6KV - 10 KV)

Puissance / *Power* : 220 kW / 8 000 kW
Nombre pôles / *Poles number* : 2/4/6/8/10/12/14/16/20
Taille / *Size* : 355 - 1 000
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5
Type de refroidissement / *Type of cooling* :
IC611/IC616 ACC to DIN EN 0034-6

YKK (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2	kg
YKK3551-2	220	26.9	2973	92.5	0.85	1.8	0.6	7.0	2.7	22.0	2250
YKK3552-2	250	30.6	2972	92.5	0.85	1.8	0.6	7.0	3.0	24.0	2300
YKK3553-2	280	34.2	2973	92.8	0.85	1.8	0.6	7.0	3.4	26.0	2350
YKK3554-2	315	38.3	2975	93.1	0.85	1.8	0.6	7.0	3.6	27.0	2400
YKK4002-2	355	42.5	2977	93.4	0.86	1.8	0.6	7.0	5.3	30.0	2700
YKK4003-2	400	47.8	2976	93.7	0.86	1.8	0.6	7.0	5.7	32.0	2780
YKK4004-2	450	53.6	2975	94.0	0.86	1.8	0.6	7.0	6.5	34.0	2900
YKK4005-2	500	59.4	2976	94.2	0.86	1.8	0.6	7.0	6.8	35.0	2950
YKK4502-2	560	66.4	2980	94.4	0.86	1.8	0.6	7.0	9.4	40.0	4000
YKK4503-2	630	73.7	2980	94.6	0.87	1.8	0.6	7.0	10.8	44.0	4300
YKK4504-2	710	82.9	2981	94.7	0.87	1.8	0.6	7.0	11.8	46.0	4600
YKK4505-2	800	93.3	2983	94.8	0.87	1.8	0.6	7.0	12.4	48.0	4900
YKK5001-2	900	104.8	2981	95.0	0.87	1.8	0.6	7.0	17.2	73.4	5200
YKK5002-2	1000	116.3	2983	95.1	0.87	1.8	0.6	7.0	19.1	85.0	5440
YKK5003-2	1120	130.1	2982	95.2	0.87	1.8	0.6	7.0	21.1	93.0	5650
YKK5004-2	1250	145.1	2980	95.3	0.87	1.8	0.6	7.0	23.0	101.0	5880
YKK5601-2	1400	160.5	2980	95.4	0.88	1.8	0.6	7.0	39.8	106.0	6800
YKK5602-2	1600	183.1	2979	95.5	0.88	1.8	0.6	7.0	42.4	107.0	6900
YKK5603-2	1800	205.9	2982	95.6	0.88	1.8	0.6	7.0	46.4	108.0	7160
YKK6301-2	2000	228.5	2982	95.7	0.88	1.8	0.6	7.0	47.4	110.0	9450
YKK6302-2	2240	255.7	2982	95.8	0.88	1.8	0.6	7.0	51.7	114.0	9850
YKK6303-2	2500	285.1	2982	95.9	0.88	1.8	0.6	7.0	57.1	120.0	10250
YKK3551-4	185	22.6	1483	92.8	0.85	1.8	0.7	6.5	3.0	68.0	2500
YKK3552-4	200	24.4	1483	92.9	0.85	1.8	0.7	6.5	3.4	78.0	2550

YKK (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²	kg
YKK3553-4	220	26.8	1482	93.0	0.85	1.8	0.7	6.5	3.8	88.0	2600
YKK3554-4	250	30.4	1482	93.1	0.85	1.8	0.7	6.5	4.2	97.0	2650
YKK4002-4	280	33.6	1482	93.2	0.86	1.8	0.7	6.5	5.8	108	2640
YKK4003-4	315	37.8	1483	93.3	0.86	1.8	0.7	6.5	6.0	120	2800
YKK4004-4	355	42.5	1483	93.5	0.86	1.8	0.7	6.5	6.2	133	2870
YKK4005-4	400	47.8	1483	93.7	0.86	1.8	0.7	6.5	6.5	147	2990
YKK4006-4	450	53.6	1483	93.9	0.86	1.8	0.7	6.5	7.0	161	3060
YKK4502-4	500	59.5	1485	94.0	0.86	1.8	0.7	6.5	10.0	178	4400
YKK4503-4	560	66.5	1485	94.2	0.86	1.8	0.7	6.5	11.0	197	4560
YKK4504-4	630	74.7	1485	94.4	0.86	1.8	0.7	6.5	12.0	218	4720
YKK4505-4	710	84.0	1484	94.6	0.86	1.8	0.7	6.5	13.0	241	4890
YKK5001-4	800	93.3	1484	94.8	0.87	1.8	0.7	6.5	22.0	266	5640
YKK5002-4	900	104.9	1486	94.9	0.87	1.8	0.7	6.5	24.0	290	5660
YKK5003-4	1000	116.4	1486	95.0	0.87	1.8	0.7	6.5	26.0	318	5850
YKK5004-4	1120	130.3	1486	95.1	0.87	1.8	0.7	6.5	30.0	347	6030
YKK5601-4	1250	143.6	1488	95.2	0.88	1.8	0.6	6.5	51.0	379	7800
YKK5602-4	1400	160.6	1387	95.3	0.88	1.8	0.6	6.5	57.0	470	8050
YKK5603-4	1600	183.4	1488	95.4	0.88	1.8	0.6	6.5	60.0	460	8300
YKK6301-4	1800	206.1	1489	95.5	0.88	1.8	0.6	6.5	96.0	498	10400
YKK6302-4	2000	228.8	1488	95.6	0.88	1.8	0.6	6.5	102.0	540	10800
YKK6303-4	2240	255.9	1488	95.7	0.88	1.8	0.6	6.5	112.0	584	11200
YKK4001-6	185	23.5	988	92.4	0.82	1.8	0.7	6.0	8.0	193	2610
YKK4002-6	200	25.3	988	92.6	0.82	1.8	0.7	6.0	8.7	210	2665
YKK4003-6	220	27.8	988	92.8	0.82	1.8	0.7	6.0	9.0	236	2700
YKK4004-6	250	31.5	988	93.0	0.82	1.8	0.7	6.0	10.0	262	2750
YKK4005-6	280	35.2	988	93.3	0.82	1.8	0.7	6.0	10.8	291	2895
YKK4006-6	315	39.5	988	93.5	0.82	1.8	0.7	6.0	11.0	324	3020
YKK4502-6	355	43.9	988	93.7	0.83	1.8	0.7	6.0	14.0	361	4380
YKK4503-6	400	49.4	987	93.8	0.83	1.8	0.7	6.0	15.0	401	4540
YKK4504-6	450	55.4	987	94.1	0.83	1.8	0.7	6.0	16.0	440	4690
YKK4505-6	500	61.5	987	94.3	0.83	1.8	0.7	6.0	17.0	687	4810
YKK5001-6	560	68.0	990	94.4	0.84	1.8	0.7	6.0	27.0	540	5355
YKK5002-6	630	76.4	990	94.5	0.84	1.8	0.7	6.0	32.5	599	5440
YKK5003-6	710	85.8	990	94.8	0.84	1.8	0.7	6.0	34.0	665	5700
YKK5004-6	800	96.6	990	94.9	0.84	1.8	0.7	6.0	40.0	736	5880
YKK5601-6	900	107.2	991	95.0	0.85	1.8	0.7	6.5	64.0	805	7500

YKK (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²	kg
YKK5602-6	1000	119.0	991	95.1	0.85	1.8	0.7	6.5	70.0	886	7850
YKK5603-6	1120	133.2	991	95.2	0.85	1.8	0.7	6.5	75.0	927	8100
YKK6301-6	1250	146.8	991	95.3	0.86	1.8	0.7	6.5	139	1068	10750
YKK6302-6	1400	164.2	991	95.4	0.86	1.8	0.7	6.5	147	1192	11150
YKK6303-6	1600	187.5	991	95.5	0.86	1.8	0.7	6.5	162	1312	11500
YKK4004-8	185	24.7	740	92.5	0.78	1.8	0.8	5.5	11.0	406	2785
YKK4005-8	200	26.6	740	92.7	0.78	1.8	0.8	5.5	12.0	450	2840
YKK4006-8	220	29.2	740	92.9	0.78	1.8	0.8	5.5	13.0	502	2910
YKK4502-8	250	32.7	741	93.0	0.79	1.8	0.8	5.5	16.0	558	4560
YKK4503-8	280	36.6	741	93.2	0.79	1.8	0.8	5.5	17.0	622	4650
YKK4504-8	315	41.1	742	93.4	0.79	1.8	0.8	5.5	18.0	693	4740
YKK4505-8	355	46.2	743	93.5	0.79	1.8	0.8	5.5	19.0	772	4840
YKK5001-8	400	51.3	743	93.7	0.80	1.8	0.8	5.5	30.0	853	5110
YKK5002-8	450	57.7	743	93.8	0.80	1.8	0.8	5.5	34.0	941	5280
YKK5003-8	500	63.8	743	94.2	0.80	1.8	0.8	5.5	38.0	1044	5430
YKK5004-8	560	71.4	743	94.4	0.80	1.8	0.8	5.5	42.0	1160	5660
YKK5601-8	630	78.2	743	94.5	0.82	1.8	0.7	6.0	79.0	1221	7500
YKK5602-8	710	88.1	743	94.6	0.82	1.8	0.7	6.0	87.0	1357	7750
YKK5603-8	800	99.1	743	94.7	0.82	1.8	0.7	6.0	90.0	1505	8000
YKK6301-8	900	108.8	744	94.8	0.84	1.8	0.7	6.0	129	1650	10400
YKK6302-8	1000	120.7	744	94.9	0.84	1.8	0.7	6.0	137	1820	10800
YKK6303-8	1120	135.1	744	95.0	0.84	1.8	0.7	6.0	151	2001	11200
YKK6304-8	1250	150.6	744	95.1	0.84	1.8	0.7	6.0	160	2204	11600
YKK4501-10	185	25.9	594	91.7	0.75	1.8	0.8	5.5	19.0	698	4580
YKK4502-10	200	27.9	594	91.9	0.75	1.8	0.8	5.5	20.0	775	4670
YKK4503-10	220	306	594	92.1	0.75	1.8	0.8	5.5	22.0	865	4760
YKK4504-10	250	34.8	594	92.3	0.75	1.8	0.8	5.5	24.0	902	4860
YKK4505-10	280	38.8	594	92.5	0.75	1.8	0.8	5.5	26.0	1072	4960
YKK5001-10	315	43.0	593	92.8	0.76	1.8	0.8	5.5	36.0	1196	5220
YKK5002-10	355	48.3	593	93.0	0.76	1.8	0.8	5.5	38.0	1332	5375
YKK5003-10	400	54.3	593	93.3	0.76	1.8	0.8	5.5	42.0	1471	5535
YKK5004-10	450	61.0	593	93.4	0.76	1.8	0.8	5.5	45.0	1627	5760
YKK5601-10	500	65.9	593	93.6	0.78	1.8	0.7	6.0	67.0	1710	7470
YKK5602-10	560	73.7	594	93.7	0.78	1.8	0.7	6.0	74.0	1902	7690
YKK5603-10	630	82.9	594	93.8	0.78	1.8	0.7	6.0	79.0	2116	7920
YKK5604-10	710	93.2	594	94.0	0.78	1.8	0.7	6.0	88.0	2355	8140

YKK (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²	kg
YKK6301-10	800	102.1	594	94.2	0.80	1.8	0.7	6.0	132	2615	10600
YKK6302-10	900	114.8	594	94.3	0.80	1.8	0.7	6.0	140	2800	11000
YKK6303-10	1000	127.4	594	94.4	0.80	1.8	0.7	6.0	152	3175	11400
YKK6304-10	1120	142.4	594	94.6	0.80	1.8	0.7	6.0	167	3489	11800
YKK4504-12	185	27.7	594	91.8	0.70	1.8	0.8	5.5	24.0	1487	4700
YKK4505-12	200	29.9	494	92.0	0.70	1.8	0.8	5.5	26.0	1206	4950
YKK5001-12	220	31.9	494	92.2	0.72	1.8	0.8	5.5	40.0	1347	5090
YKK5002-12	250	36.1	494	92.5	0.72	1.8	0.8	5.5	42.0	1499	5340
YKK5003-12	280	40.4	494	92.7	0.72	1.8	0.8	5.5	43.0	1672	5410
YKK5004-12	315	45.4	494	92.8	0.72	1.8	0.8	5.5	47.0	1865	5660
YKK5601-12	355	49.6	494	93.0	0.74	1.8	0.7	6.0	87.0	1967	7440
YKK5602-12	400	55.7	495	93.3	0.74	1.8	0.7	6.0	96.0	2190	7650
YKK5603-12	450	62.7	495	93.4	0.74	1.8	0.7	6.0	103	2411	7860
YKK5604-12	500	69.4	495	93.7	0.74	1.8	0.7	6.0	114	2673	8070
YKK6301-12	560	75.6	495	93.8	0.76	1.8	0.7	6.0	179	2974	10600
YKK6302-12	630	84.9	495	93.9	0.76	1.8	0.7	6.0	191	3312	11000
YKK6303-12	710	95.6	495	94.0	0.76	1.8	0.7	6.0	208	3688	11400
YKK6304-12	800	107.5	495	94.2	0.76	1.8	0.7	6.0	272	4098	11800

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
YKK7101-2	2800	315.4	2985	96.0	0.89	1.8	0.6	7
YKK7102-2	3150	354.4	2985	96.1	0.89	1.8	0.6	7
YKK7103-2	3550	399.0	2985	96.2	0.89	1.8	0.6	7
YKK7104-2	4000	449.1	2985	96.3	0.89	1.8	0.6	7
YKK8001-2	4500	504.7	2985	96.4	0.89	1.8	0.6	7
YKK8002-2	5000	560.2	2985	96.5	0.89	1.8	0.6	7
YKK8003-2	5600	626.8	2985	96.6	0.89	1.8	0.6	7
YKK7101-4	2500	288.0	1485	96.0	0.87	1.8	0.5	7
YKK7102-4	2800	322.6	1485	96.0	0.87	1.8	0.5	7
YKK7103-4	3150	362.6	1485	96.1	0.87	1.8	0.5	7
YKK7104-4	3550	408.6	1485	96.1	0.87	1.8	0.5	7
YKK8001-4	4000	459.9	1485	96.2	0.87	1.8	0.5	7
YKK8002-4	4500	517.4	1485	96.2	0.87	1.8	0.5	7
YKK8003-4	5000	574.3	1485	96.3	0.87	1.8	0.5	7
YKK9001-4	5600	635.9	1485	96.3	0.88	1.8	0.5	7
YKK9002-4	6300	714.6	1485	96.4	0.88	1.8	0.5	7

YKK (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
YKK9003-4	7100	805.4	1485	96.4	0.88	1.8	0.5	7
YKK7101-6	1800	210.7	995	95.6	0.86	1.8	0.5	7
YKK7102-6	2000	233.8	995	95.7	0.86	1.8	0.5	7
YKK7103-6	2240	261.6	995	95.8	0.86	1.8	0.5	7
YKK7104-6	2500	291.7	995	95.9	0.86	1.8	0.5	7
YKK8001-6	2800	326.7	995	95.9	0.86	1.8	0.5	7
YKK8002-6	3150	367.1	995	96.0	0.86	1.8	0.5	7
YKK8003-6	3550	413.8	995	96.0	0.86	1.8	0.5	7
YKK8004-6	4000	465.7	995	96.1	0.86	1.8	0.5	7
YKK9001-6	4500	524.0	995	96.1	0.86	1.8	0.5	7
YKK9002-6	5000	581.5	995	96.2	0.86	1.8	0.5	7
YKK9003-6	5600	643.8	995	96.2	0.87	1.8	0.5	7
YKK10001-6	6300	723.6	995	96.3	0.87	1.8	0.5	7
YKK10002-6	7100	814.6	995	96.4	0.87	1.8	0.5	7
YKK10003-6	8000	917.9	995	96.4	0.87	1.8	0.5	7
YKK7101-8	1400	166.8	745	95.0	0.85	1.8	0.6	7
YKK7102-8	1600	190.5	745	95.1	0.85	1.8	0.6	7
YKK7103-8	1800	214.0	745	95.2	0.85	1.8	0.6	7
YKK8001-8	2000	237.6	745	95.3	0.85	1.8	0.6	7
YKK8002-8	2240	265.8	745	95.4	0.85	1.8	0.6	7
YKK8003-8	2500	296.4	745	95.5	0.85	1.8	0.6	7
YKK8004-8	2800	331.6	745	95.6	0.85	1.8	0.6	7
YKK9001-8	3150	373.0	745	95.6	0.85	1.8	0.6	7
YKK9002-8	3550	419.9	745	95.7	0.85	1.8	0.6	7
YKK9003-8	4000	467.2	745	95.8	0.85	1.8	0.6	7
YKK9004-8	4500	525.0	745	95.9	0.86	1.8	0.6	7
YKK10001-8	5000	581.5	745	96.0	0.86	1.8	0.6	7
YKK10002-8	5600	643.8	745	96.0	0.86	1.8	0.6	7
YKK10003-8	6300	733.5	745	96.1	0.86	1.8	0.6	7
YKK7101-10	1250	153.2	598	94.6	0.83	1.8	0.6	6.5
YKK7102-10	1400	171.4	598	94.7	0.83	1.8	0.6	6.5
YKK7103-10	1600	195.7	598	94.8	0.83	1.8	0.6	6.5
YKK8001-10	1800	219.9	598	94.9	0.83	1.8	0.6	6.5
YKK8002-10	2000	244.1	598	95.0	0.83	1.8	0.6	6.5
YKK8003-10	2240	273.1	598	95.1	0.83	1.8	0.6	6.5

YKK (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
YKK9001-10	2500	304.4	598	95.2	0.83	1.8	0.6	6.5
YKK9002-10	2800	340.6	598	95.3	0.83	1.8	0.6	6.5
YKK9003-10	3150	378.2	598	95.4	0.84	1.8	0.6	6.5
YKK9004-10	3550	425.8	598	95.5	0.84	1.8	0.6	6.5
YKK10001-10	4000	479.3	598	95.6	0.84	1.8	0.6	6.5
YKK10002-10	4500	539.2	598	95.6	0.84	1.8	0.6	6.5
YKK10003-10	5000	598.5	598	95.7	0.84	1.8	0.6	6.5
YKK10004-10	5600	670.3	598	95.7	0.84	1.8	0.6	6.5
YKK7101-12	9 0 0	115.2	497	94.0	0.80	1.8	0.6	6.5
YKK7102-12	1000	127.8	497	94.1	0.80	1.8	0.6	6.5
YKK7103-12	1120	143.0	497	94.2	0.80	1.8	0.6	6.5
YKK8001-12	1250	159.4	497	94.3	0.80	1.8	0.6	6.5
YKK8002-12	1400	178.2	497	94.5	0.80	1.8	0.6	6.5
YKK8003-12	1600	203.7	497	94.5	0.80	1.8	0.6	6.5
YKK8004-12	1800	228.9	497	94.6	0.80	1.8	0.6	6.5
YKK9001-12	2000	254.0	497	94.7	0.80	1.8	0.6	6.5
YKK9002-12	2240	284.2	497	94.8	0.80	1.8	0.6	6.5
YKK9003-12	2500	312.6	497	95.0	0.81	1.8	0.6	6.5
YKK10001-12	2800	349.8	497	95.1	0.81	1.8	0.6	6.5
YKK10002-12	3150	393.1	497	95.2	0.81	1.8	0.6	6.5
YKK10003-12	3550	442.5	497	95.3	0.81	1.8	0.6	6.5
YKK10004-12	4000	498.6	497	95.3	0.81	1.8	0.6	6.5
YKK7101-14	7 1 0	97.3	425	93.6	0.75	1.8	0.6	6.5
YKK7102-14	8 0 0	109.4	425	93.8	0.75	1.8	0.6	6.5
YKK7103-14	9 0 0	121.4	425	93.9	0.76	1.8	0.6	6.5
YKK7104-14	1000	134.7	425	94.0	0.76	1.8	0.6	6.5
YKK8001-14	1120	150.7	425	94.1	0.76	1.8	0.6	6.5
YKK8002-14	1250	168.0	425	94.2	0.76	1.8	0.6	6.5
YKK8003-14	1400	188.0	425	94.3	0.76	1.8	0.6	6.5
YKK8004-14	1600	214.6	425	94.4	0.76	1.8	0.6	6.5
YKK9001-14	1800	235.0	425	94.5	0.78	1.8	0.6	6.5
YKK9002-14	2 0 0	260.8	425	94.6	0.78	1.8	0.6	6.5
YKK9003-14	2240	291.8	425	94.7	0.78	1.8	0.6	6.5
YKK10001-14	2500	325.3	425	94.8	0.78	1.8	0.6	6.5
YKK10002-14	2800	364.0	425	94.9	0.78	1.8	0.6	6.5

YKK (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
YKK10003-14	3150	409.1	425	95.0	0.78	1.8	0.6	6.5
YKK10004-14	3550	461.0	425	95.0	0.78	1.8	0.6	6.5
YKK7101-16	560	85.2	372	93.0	0.68	1.8	0.6	6.5
YKK7102-16	630	89.3	372	93.0	0.73	1.8	0.6	6.5
YKK7103-16	710	100.5	372	93.1	0.73	1.8	0.6	6.5
YKK8001-16	800	113.1	372	93.2	0.73	1.8	0.6	6.5
YKK8002-16	900	127.2	372	93.3	0.73	1.8	0.6	6.5
YKK8003-16	1000	139.2	372	93.4	0.74	1.8	0.6	6.5
YKK9001-16	1120	155.8	372	93.5	0.74	1.8	0.6	6.5
YKK9002-16	1250	173.7	372	93.6	0.74	1.8	0.6	6.5
YKK9003-16	1400	194.3	372	93.7	0.74	1.8	0.6	6.5
YKK9004-16	1600	218.8	372	93.8	0.75	1.8	0.6	6.5
YKK10001-16	1800	245.9	372	93.9	0.75	1.8	0.6	6.5
YKK10002-16	2000	273.0	372	94.0	0.75	1.8	0.6	6.5
YKK10003-16	2240	305.4	372	94.1	0.75	1.8	0.6	6.5
YKK10004-16	2500	340.9	372	94.1	0.75	1.8	0.6	6.5
YKK7101-18	450	68.5	331	92.9	0.68	1.8	0.6	6.5
YKK7102-18	500	76.2	331	92.9	0.68	1.8	0.6	6.5
YKK7103-18	560	85.3	331	92.9	0.68	1.8	0.6	6.5
YKK8001-18	630	95.8	331	93.1	0.70	1.8	0.6	6.5
YKK8002-18	710	104.8	331	93.1	0.70	1.8	0.6	6.5
YKK8003-18	800	118.0	331	93.2	0.70	1.8	0.6	6.5
YKK8004-18	900	132.6	331	93.3	0.70	1.8	0.6	6.5
YKK9001-18	1000	143.1	331	93.4	0.72	1.8	0.6	6.5
YKK9002-18	1120	160.1	331	93.5	0.72	1.8	0.6	6.5
YKK9003-18	1250	178.5	331	93.6	0.72	1.8	0.6	6.5
YKK10001-18	1400	199.7	331	93.7	0.72	1.8	0.6	6.5
YKK10002-18	1600	225.1	331	93.7	0.73	1.8	0.6	6.5
YKK10003-18	1800	253.2	331	93.7	0.73	1.8	0.6	6.5
YKK10004-18	2000	281.1	331	93.8	0.73	1.8	0.6	6.5
YKK10005-18	2240	314.8	331	93.8	0.73	1.8	0.6	6.5
YKK7101-20	400	62.0	298	92.6	0.67	1.8	0.6	6.5
YKK7102-20	450	69.7	298	92.7	0.67	1.8	0.6	6.5
YKK7103-20	500	77.5	298	92.7	0.67	1.8	0.6	6.5
YKK7104-20	560	86.8	298	92.7	0.67	1.8	0.6	6.5

YKK (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In
YKK8001-20	630	97.5	298	92.8	0.67	1.8	0.6	6.5
YKK8002-20	710	108.1	298	92.9	0.68	1.8	0.6	6.5
YKK8003-20	800	121.7	298	93.0	0.68	1.8	0.6	6.5
YKK8004-20	900	136.8	298	93.1	0.68	1.8	0.6	6.5
YKK9001-20	1000	151.8	298	93.2	0.68	1.8	0.6	6.5
YKK9002-20	1120	165.0	298	93.3	0.70	1.8	0.6	6.5
YKK9003-20	1250	183.8	298	93.5	0.70	1.8	0.6	6.5
YKK10001-20	1400	205.8	298	93.5	0.70	1.8	0.6	6.5
YKK10002-20	1600	235.0	298	93.6	0.70	1.8	0.6	6.5
YKK10003-20	1800	264.1	298	93.7	0.70	1.8	0.6	6.5
YKK10004-20	2000	293.1	298	93.8	0.70	1.8	0.6	6.5

YKK (10KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2	kg
YKK4501-2	220	16.2	2972	92.4	0.85	1.8	0.6	7.0	5.1	30.0	3650
YKK4502-2	250	18.3	2972	92.6	0.85	1.8	0.6	7.0	5.6	31.1	3740
YKK4503-2	280	20.5	2973	92.8	0.85	1.8	0.6	7.0	6.1	31.8	3800
YKK4504-2	315	23	2973	93.0	0.85	1.8	0.6	7.0	6.6	32.5	3880
YKK4505-2	355	25.5	2975	93.3	0.86	1.8	0.6	7.0	7.2	34.3	3945
YKK4506-2	400	28.7	2975	93.7	0.86	1.8	0.6	7.0	8.2	35.2	4090
YKK4507-2	450	32.1	2976	94.0	0.86	1.8	0.6	7.0	8.7	37.2	4185
YKK5001-2	500	35.6	2975	94.2	0.86	1.8	0.6	7.0	14.7	55.4	4290
YKK5002-2	560	39.8	2975	94.4	0.86	1.8	0.6	7.0	15.7	59.1	4380
YKK5003-2	630	44.2	2976	94.6	0.87	1.8	0.6	7.0	17.7	63.2	4575
YKK5004-2	710	49.8	2978	94.7	0.87	1.8	0.6	7.0	18.7	68.8	4700
YKK5005-2	800	56.0	2978	94.8	0.87	1.8	0.6	7.0	19.7	75.5	4780
YKK5601-2	900	63.0	2978	94.9	0.87	1.8	0.6	7.0	31.8	78.4	7750
YKK5602-2	1000	69.9	2979	95.0	0.87	1.8	0.6	7.0	35.7	90.0	8000
YKK5603-2	1120	78.1	2980	95.2	0.87	1.8	0.6	7.0	39.8	97.0	8250
YKK6301-2	1250	87.0	2980	95.3	0.87	1.8	0.6	7.0	42.7	98.0	9300
YKK6302-2	1400	97.4	2980	95.4	0.87	1.8	0.6	7.0	46.0	99.0	9700
YKK6303-2	1600	110.0	2981	95.5	0.88	1.8	0.6	7.0	53.0	100.0	10100
YKK4501-4	220	16.6	1483	92.4	0.83	1.8	0.7	7.0	11.4	78.0	3700
YKK4502-4	250	18.8	1483	92.6	0.83	1.8	0.7	7.0	12.6	87.0	3760
YKK4503-4	280	21.0	1482	92.8	0.83	1.8	0.7	7.0	13.1	97.0	3860
YKK4504-4	315	23.6	1482	93.0	0.83	1.8	0.7	7.0	13.5	107.0	3890
YKK4505-4	355	25.5	1483	93.3	0.86	1.8	0.7	7.0	14.0	119.0	4200

YKK (10KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2	kg
YKK4506-4	400	28.7	1483	93.5	0.86	1.8	0.7	7.0	14.4	132.0	4300
YKK4507-4	450	32.2	1485	93.9	0.86	1.8	0.7	7.0	15.3	147.0	4490
YKK5001-4	500	35.7	1484	94.0	0.86	1.8	0.7	7.0	25.0	165.0	5640
YKK5002-4	560	40.0	1484	94.2	0.86	1.8	0.7	7.0	26.0	182.0	5660
YKK5003-4	630	44.8	1485	94.4	0.86	1.8	0.7	7.0	28.0	201.0	5850
YKK5004-4	710	50.4	1485	94.6	0.86	1.8	0.7	7.0	30.0	220.0	6030
YKK5005-4	800	56.0	1485	94.8	0.87	1.8	0.7	7.0	32.0	242.0	6060
YKK5601-4	900	63.0	1485	94.9	0.87	1.8	0.7	7.0	44.0	270.0	7800
YKK5602-4	1000	70.0	1485	95.0	0.87	1.8	0.7	7.0	47.0	292.0	8050
YKK5603-4	1120	78.2	1484	95.1	0.87	1.8	0.7	7.0	50.0	320.0	8300
YKK6301-4	1250	86.1	1485	95.2	0.88	1.8	0.6	7.0	90.0	350.0	9900
YKK6302-4	1400	96.4	1486	95.3	0.88	1.8	0.6	7.0	95.0	382.0	10300
YKK6303-4	1600	110.0	1486	95.4	0.88	1.8	0.6	7.0	101.0	423.0	10400
YKK4504-6	220	17.3	988	92.0	0.80	1.8	0.7	6.0	15.5	210.0	4090
YKK4505-6	250	19.6	988	92.2	0.80	1.8	0.7	6.0	16.3	235.0	4210
YKK4506-6	280	21.9	988	92.5	0.80	1.8	0.7	6.0	17.4	260.0	4420
YKK4507-6	315	23.9	987	92.8	0.82	1.8	0.7	6.0	18.4	290	4560
YKK5001-6	355	26.6	988	93.1	0.83	1.8	0.7	6.0	27.0	326	5360
YKK5002-6	400	29.8	988	93.3	0.83	1.8	0.7	6.0	29.0	362	5440
YKK5003-6	450	33.5	988	93.5	0.83	1.8	0.7	6.0	31.0	400	5700
YKK5004-6	500	37.1	989	93.9	0.83	1.8	0.7	6.0	33.0	485	5880
YKK5005-6	560	40.9	990	94.1	0.84	1.8	0.7	6.0	35.0	485	6110
YKK5601-6	630	45.9	990	94.4	0.84	1.8	0.7	6.0	50.0	540	7500
YKK5602-6	710	51.6	990	94.6	0.84	1.8	0.7	6.0	60.0	599	7850
YKK5603-6	800	58.1	991	94.7	0.84	1.8	0.7	6.0	63.0	665	8100
YKK5604-6	900	64.4	991	94.9	0.85	1.8	0.7	6.0	67.0	736	8300
YKK6301-6	1000	71.4	991	95.1	0.85	1.8	0.7	6.0	121.0	805	10750
YKK6302-6	1120	79.9	991	95.2	0.85	1.8	0.7	6.0	128.0	886	11150
YKK6303-6	1250	88.1	991	95.3	0.86	1.8	0.7	6.0	135.0	970	11500
YKK5001-8	220	18.2	740	92.0	0.76	1.8	0.7	6.0	28.0	423	5280
YKK5002-8	250	20.6	740	92.2	0.76	1.8	0.7	6.0	30.0	476	5430
YKK5003-8	280	23.0	740	92.5	0.76	1.8	0.7	6.0	32.0	530	5660
YKK5004-8	315	25.5	741	92.8	0.77	1.8	0.7	6.0	34.0	588	5700
YKK5005-8	355	28.6	741	93.1	0.77	1.8	0.7	6.0	36.0	656	5760
YKK5006-8	400	31.8	741	93.2	0.78	1.8	0.7	6.0	38.0	730	5820
YKK5601-8	450	35.7	742	93.4	0.78	1.8	0.7	6.0	63.0	810	7850
YKK5602-8	500	39.0	742	93.8	0.79	1.8	0.7	6.0	67.0	890	8100
YKK5603-8	560	43.6	742	93.9	0.79	1.8	0.7	6.0	70.0	988	8300
YKK5604-8	630	47.0	743	94.4	0.82	1.8	0.7	6.0	74.0	1098	8500
YKK6301-8	710	52.8	743	94.6	0.82	1.8	0.7	6.0	145.0	1221	10400
YKK6302-8	800	59.5	743	94.7	0.82	1.8	0.7	6.0	151.0	1357	10800
YKK6303-8	900	66.8	743	94.8	0.82	1.8	0.7	6.0	166.0	1505	11200

YKK (10KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2	kg
YKK5004-10	220	19.2	593	91.9	0.72	1.8	0.7	6.0	38.0	698	5760
YKK5005-10	250	21.8	593	92.1	0.72	1.8	0.7	6.0	39.3	775	5930
YKK5006-10	280	23.7	594	92.4	0.74	1.8	0.7	6.0	40.0	865	6120
YKK5601-10	315	26.5	594	92.6	0.74	1.8	0.7	6.0	78.0	1014	7350
YKK5602-10	355	29.4	593	92.8	0.75	1.8	0.7	6.0	83.0	1131	7500
YKK5603-10	400	33.1	594	93.0	0.75	1.8	0.7	6.0	87.0	1261	7850
YKK5604-10	450	36.7	594	93.2	0.76	1.8	0.7	6.0	92.0	1403	8100
YKK5605-10	500	40.1	593	93.4	0.77	1.8	0.7	6.0	97.0	1544	8300
YKK6301-10	560	44.3	593	93.5	0.78	1.8	0.7	6.0	153.0	1710	10600
YKK6302-10	630	49.8	594	93.7	0.78	1.8	0.7	6.0	162.0	1902	11000
YKK6303-10	710	56.0	594	93.9	0.78	1.8	0.7	6.0	169.0	2116	11400
YKK6304-10	800	61.2	495	94.3	0.80	1.8	0.7	6.0	178.0	2355	11800
YKK5601-12	220	19.2	495	91.8	0.72	1.8	0.7	6.0	88.0	1135	7350
YKK5602-12	250	21.8	495	92.0	0.72	1.8	0.7	6.0	97.0	1210	7500
YKK5603-12	280	24.4	495	92.1	0.72	1.8	0.7	6.0	100	1418	7850
YKK5604-12	315	27.4	495	92.3	0.72	1.8	0.7	6.0	108	1580	8100
YKK5605-12	355	30.4	495	92.5	0.73	1.8	0.7	6.0	115	1763	8300
YKK6301-12	400	34.1	495	92.7	0.73	1.8	0.7	6.0	139	1967	10600
YKK6302-12	450	38.3	495	92.9	0.73	1.8	0.7	6.0	156	2190	11000
YKK6303-12	500	42.4	495	93.2	0.73	1.8	0.7	6.0	172	2411	11400
YKK6304-12	560	46.7	495	93.5	0.74	1.8	0.7	6.0	180	2672	11800

YKK (10KV)

Type	(kW)	(A)	μ (%)	Cos ø	(r/min)	Mst/Mn	Ist/In	Mmax/Mn	kg
YKK710-4	2240	155	95.1	0.87	1500	0.5	6.5	1.8	11200
YKK710-4	2500	172	95.2	0.87	1500	0.5	6.5	1.8	13500
YKK710-4	2800	192	95.3	0.87	1500	0.5	6.5	1.8	14000
YKK710-4	3150	216	95.4	0.87	1500	0.5	6.5	1.8	14650
YKK800-4	3550	245	95.4	0.87	1500	0.5	6.5	1.8	15100
YKK800-4	4000	276	95.6	0.87	1500	0.5	6.5	1.8	15600
YKK800-4	4500	309	95.7	0.87	1500	0.5	6.5	1.8	16200
YKK800-4	5000	341	95.7	0.88	1500	0.5	6.5	1.8	16780
YKK900-4	5600	383	95.8	0.88	1500	0.5	6.5	1.8	17320
YKK900-4	6300	430	95.9	0.88	1500	0.5	6.5	1.8	17890
YKK900-4	7100	483	96.0	0.88	1500	0.5	6.5	1.8	18250
YKK710-6	1800	134	94.5	0.82	1000	0.6	6.5	1.8	13200
YKK710-6	2000	149	94.6	0.82	1000	0.6	6.5	1.8	13500
YKK710-6	2240	167	94.7	0.82	1000	0.6	6.5	1.8	14000

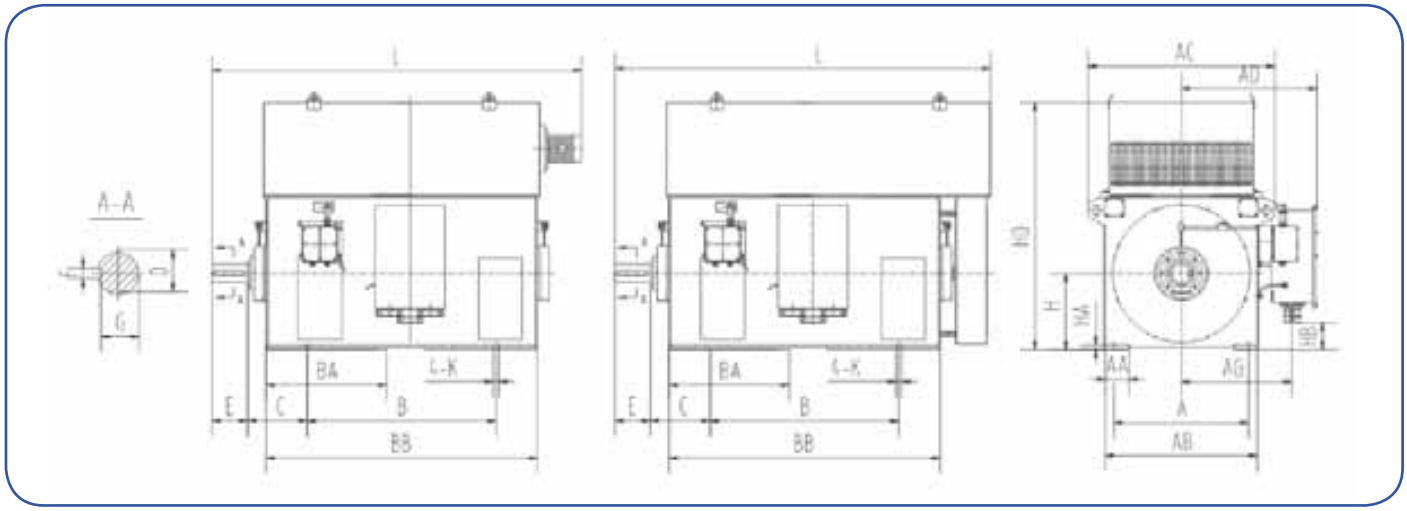
YKK (10KV)

Type	(kW)	(A)	μ (%)	Cos ø	(r/min)	Mst/Mn	Ist/In	Mmax/Mn	kg
YKK800-6	2500	186	94.8	0.82	1000	0.6	6.5	1.8	15000
YKK800-6	2800	208	94.9	0.82	1000	0.6	6.5	1.8	15800
YKK800-6	3150	234	95.0	0.82	1000	0.6	6.5	1.8	16200
YKK900-6	3550	257	95.0	0.84	1000	0.6	6.5	1.8	18050
YKK900-6	4000	290	95.1	0.84	1000	0.6	6.5	1.8	20000
YKK900-6	4500	325	95.2	0.84	1000	0.6	6.5	1.8	22400
YKK900-6	5000	361	95.3	0.84	1000	0.6	6.5	1.8	26500
YKK1000-6	5600	403	95.5	0.84	1000	0.6	6.5	1.8	27050
YKK1000-6	6300	453	9.6	0.84	1000	0.6	6.5	1.8	27990
YKK1000-6	7100	510	95.7	0.84	1000	0.6	6.5	1.8	28540
YKK710-8	1250	9	93.9	0.80	750	0.6	6.5	1.8	12500
YKK710-8	1400	108	94.0	0.80	750	0.6	6.5	1.8	13100
YKK710-8	1600	123	94.1	0.80	750	0.6	6.5	1.8	13650
YKK800-8	1800	138	94.2	0.81	750	0.6	6.5	1.8	14430
YKK800-8	2000	152	94.3	0.81	750	0.6	6.5	1.8	15570
YKK800-8	2240	170	94.4	0.81	750	0.6	6.5	1.8	16280
YKK900-8	2500	187	94.5	0.82	750	0.6	6.5	1.8	16790
YKK900-8	2800	209	94.6	0.82	750	0.6	6.5	1.8	18500
YKK900-8	3150	235	94.7	0.82	750	0.6	6.5	1.8	19870
YKK1000-8	3550	264	94.8	0.82	750	0.6	6.5	1.8	20102
YKK1000-8	4000	297	94.9	0.82	750	0.6	6.5	1.8	20980
YKK1000-8	4500	334	95.0	0.82	750	0.6	6.5	1.8	21565
YKK710-10	1120	89	93.5	0.78	600	0.6	6.0	1.8	12000
YKK710-10	1250	99	93.6	0.78	600	0.6	6.0	1.8	12500
YKK710-10	1400	110	93.7	0.78	600	0.6	6.0	1.8	13200
YKK800-10	1600	125	93.8	0.79	600	0.6	6.0	1.8	15000
YKK800-10	1800	141	93.9	0.79	600	0.6	6.0	1.8	16500
YKK800-10	2000	156	94.0	0.79	600	0.6	6.0	1.8	18230
YKK900-10	2240	170	94.1	0.81	600	0.6	6.0	1.8	21500
YKK900-10	2500	190	94.2	0.81	600	0.6	6.0	1.8	23550
YKK900-10	2800	212	94.3	0.81	600	0.6	6.0	1.8	25050
YKK900-10	3150	238	94.4	0.81	600	0.6	6.0	1.8	25980
YKK1000-10	3550	268	94.5	0.81	600	0.6	6.0	1.8	26535
YKK710-12	800	69	93.0	0.73	500	0.6	6.0	1.8	11500
YKK710-12	900	77	93.1	0.73	500	0.6	6.0	1.8	12500
YKK710-12	1000	85	93.2	0.73	500	0.6	6.0	1.8	13100
YKK800-16	1120	92	93.2	0.73	500	0.6	6.0	1.8	15200
YKK800-16	1250	102	93.3	0.73	500	0.6	6.0	1.8	16000

YKK (10KV)

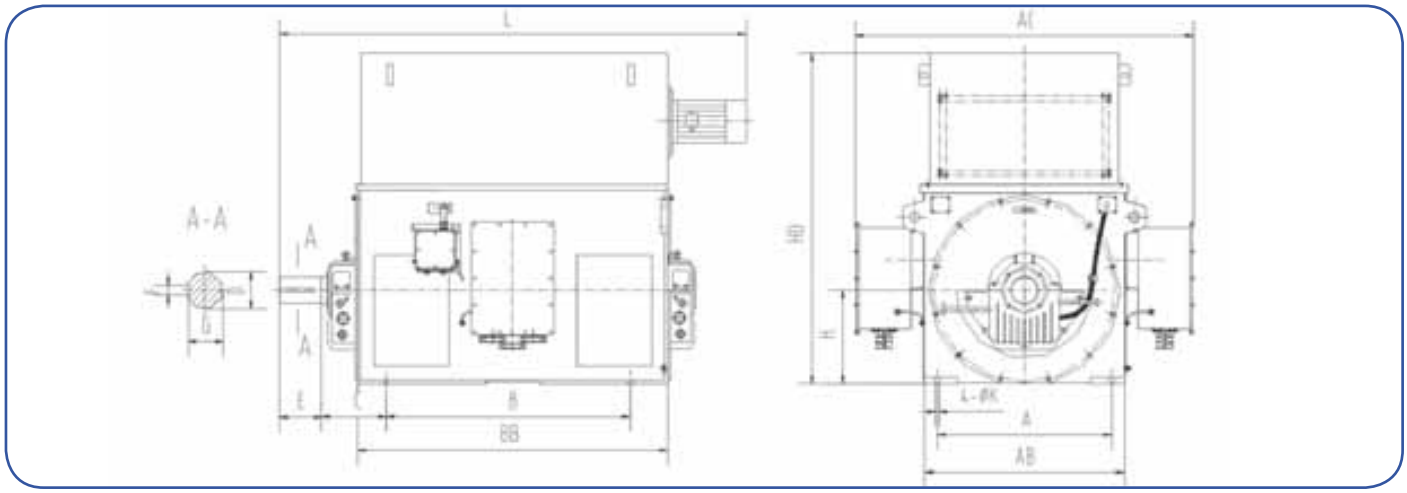
Type	(kW)	(A)	μ (%)	Cos ø	(r/min)	Mst/Mn	Ist/In	Mmax/Mn	kg
YKK800-12	1400	114	93.4	0.76	500	0.6	6.0	1.8	16850
YKK900-12	1600	130	93.5	0.79	500	0.6	6.0	1.8	19500
YKK900-12	1800	141	93.6	0.79	500	0.6	6.0	1.8	20800
YKK900-12	2000	156	93.7	0.79	500	0.6	6.0	1.8	22000
YKK1000-12	2240	177	93.8	0.78	500	0.6	6.0	1.8	22500
YKK1000-12	2500	198	93.9	0.78	500	0.6	6.0	1.8	22750
YKK1000-12	2800	221	94.0	0.78	500	0.6	6.0	1.8	22980
YKK1000-12	3150	248	94.1	0.78	500	0.6	6.0	1.8	23355
YKK710-16	500	46	92.0	0.69	375	0.6	6.0	1.8	13000
YKK710-16	560	51	92.1	0.69	375	0.6	6.0	1.8	13850
YKK710-16	630	58	92.2	0.69	375	0.6	6.0	1.8	14700
YKK800-16	710	64	92.3	0.70	375	0.6	6.0	1.8	15400
YKK800-16	800	72	92.4	0.70	375	0.6	6.0	1.8	16500
YKK800-16	900	81	92.5	0.70	375	0.6	6.0	1.8	17700
YKK800-16	1000	90	92.6	0.70	375	0.6	6.0	1.8	18500
YKK900-16	1120	100	92.7	0.70	375	0.6	6.0	1.8	18900
YKK900-16	1250	112	92.8	0.70	375	0.6	6.0	1.8	20500
YKK900-16	1400	125	92.9	0.70	375	0.6	6.0	1.8	21500
YKK1000-16	1600	140	93.0	0.71	375	0.6	6.0	1.8	22050
YKK1000-16	1800	158	93.1	0.71	375	0.6	6.0	1.8	22375
YKK1000-16	2000	175	93.2	0.71	375	0.6	6.0	1.8	22660

YKK (6KV)

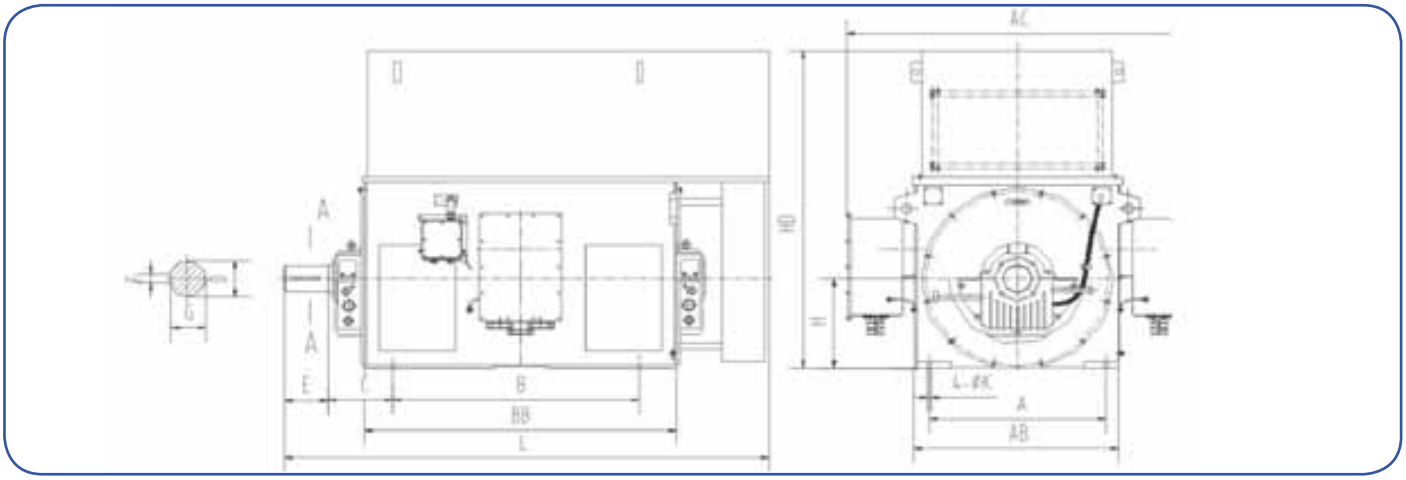


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	L
355-2	630	130	784	970	745	587	900	525	1360	315	90	170	22	71	355	20	55	1420	28	1820
355-4	630	130	784	970	745	587	900	525	1360	315	100	210	28	90	355	20	55	1420	28	1820
400-2	710	130	810	1010	760	607	1000	565	1510	375	90	170	25	81	400	25	85	1460	35	1850
400-4~8	710	130	810	1010	760	607	1000	565	1510	335	110	210	28	100	400	25	85	1460	35	1940
450-2	800	150	910	1120	810	657	1120	600	1620	400	100	210	28	90	450	25	185	1660	35	2150
450-4	800	150	910	1120	810	657	1120	600	1620	355	120	210	32	109	450	25	185	1660	35	2080
450-6~12	800	150	910	1120	810	657	1120	600	1620	355	130	250	32	119	450	25	185	1660	35	2120
500-2	900	150	1010	1220	860	707	1250	655	1730	560	110	210	28	100	500	25	285	1860	35	2660
500-4	900	150	1010	1220	860	707	1250	655	1730	475	130	250	32	119	500	25	285	1860	42	2550
500-6~12	900	150	1010	1220	860	707	1250	655	1730	475	140	250	36	128	500	25	285	1860	42	2550
560-2	1000	170	1130	1350	1060	814	1400	690	1880	560	130	250	36	119	560	30	115	2200	42	2825
560-4	1000	170	1130	1350	1060	814	1400	690	1880	500	150	250	36	138	560	30	115	2200	42	2715
560-6~12	1000	170	1130	1350	1060	814	1400	690	1880	500	160	300	40	147	560	30	115	2200	42	2765
630-2	1120	190	1130	1530	1060	814	1600	770	2150	560	140	250	40	128	630	30	265	2250	48	3040
630-4	1120	190	1260	1530	1120	879	1600	770	2150	530	170	300	40	157	630	30	265	2250	48	3040
630-6~12	1120	190	1260	1530	1120	879	1600	770	2150	530	180	300	45	165	630	30	265	2250	48	3040

YKK (6KV)

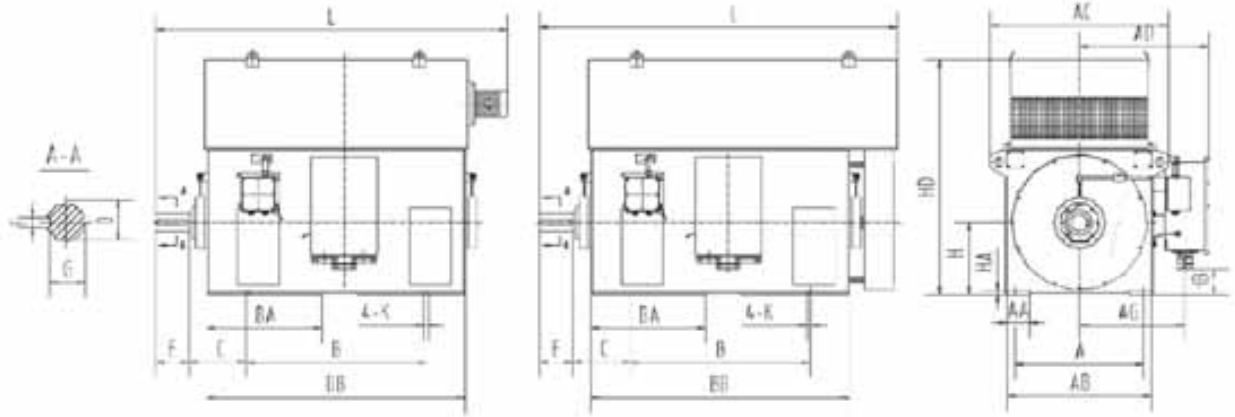


Type	Mounting dimension and tolerance									Overall dimension				
	A	B	C	D	E	F	G	H	K	AC	AB	BB	HD	L
710-2	1400±2.8	1800±2.8	530±4.2	Φ160	300±0.7	40	147	710	Φ56	2420	1580	2270	2700	3200
710-4~16	1400±2.8	1800±2.8	530±4.2	Φ200	350±0.7	45	185	710	Φ56	2420	1580	2270	2700	3200
800-2	1600±2.8	2000±2.8	530±4.2	Φ180	300±0.7	45	165	800	Φ56	2670	1822	2520	2900	4100
800-4~16	1600±2.8	2000±2.8	530±4.2	Φ220	350±0.7	50	203	800	Φ56	2670	1822	2520	2900	4100
900-4~16	1800±2.8	2240±3.5	600±4.2	Φ250	410±0.77	56	230	900	Φ66	2890	2012	2810	3200	4370
1000-4~16	2000±2.8	2500±3.5	600±4.2	Φ280	470±0.77	63	260	1000	Φ66	3060	2212	2800	3600	4600



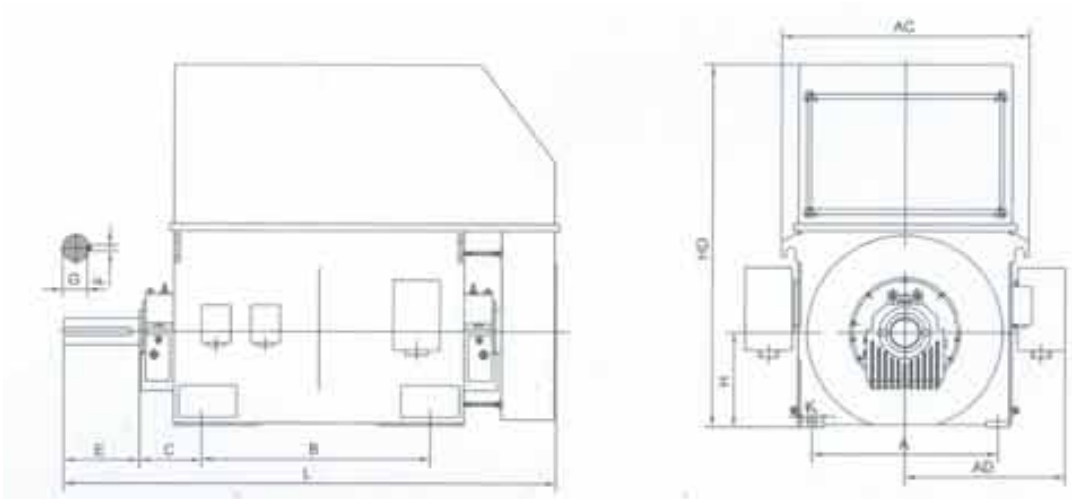
Type	Mounting dimension and tolerance									Overall dimension				
	A	B	C	D	E	F	G	H	K	AC	AB	BB	HD	L
710-4~16	1400±2.8	1800±2.8	530±4.2	Φ200	350±0.7	45	185	710	Φ56	2420	1580	2270	2700	3600
800-4~16	1600±2.8	2000±2.8	530±4.2	Φ220	350±0.7	50	203	800	Φ56	2670	1822	2520	2900	3900

YKK (10KV)



Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	L
450-2	800	150	910	1120	810	692	1120	600	1620	400	90	210	25	81	450	25	185	1660	35	2080
450-4	800	150	910	1120	810	692	1120	600	1620	355	110	210	28	100	450	25	125	1660	35	2080
450-6~12	800	150	910	1120	810	692	1120	600	1620	355	110	250	28	100	450	25	125	1660	35	2120
500-2	900	150	1010	1220	860	707	1250	655	1730	560	100	210	28	90	500	25	285	1860	42	2550
500-4	900	150	1010	1220	860	707	1250	655	1730	475	120	210	32	109	500	25	220	1860	42	2550
500-6~10	900	150	1010	1220	860	707	1250	655	1730	475	130	250	32	119	500	25	220	1860	42	2550
560-2	1000	170	1130	1350	1060	814	1400	690	1880	560	130	250	32	119	560	30	115	2200	42	2715
560-4	1000	170	1130	1350	1060	814	1400	690	1880	500	150	250	36	138	560	30	375	2200	42	2715
560-6~12	1000	170	1130	1350	1060	814	1400	690	1880	500	160	300	40	147	560	30	375	2200	42	2765
630-2	1120	190	1260	1530	1120	879	1600	770	2150	560	140	250	36	128	630	30	265	2250	48	3030
630-4	1120	190	1260	1530	1120	879	1600	770	2150	530	170	300	40	157	630	30	355	2250	48	3030
630-6~12	1120	190	1260	1530	1120	879	1600	770	2150	530	180	300	45	165	630	30	355	2250	48	3030

YKK (10KV)



Type	A		B		C		D		E		F		G		H		K		AC	AD	HD	L
710	1400	±2.8	1800	±2.8	530	±4.2	200	±0.046 ±0.017	350	±0.070	210	0 −0.062	210	0 −0.062	710	0 −1.5	55	+0.62 0	1840	1240	2700	3500
800	1600		2000				220				231		231		800				2400	1380	3000	3900
900	1800	±3.5	2240	±3.5	600		250		410	±0.077	262	0 −0.074	262	0 −0.074	900		66		2680	1530	3250	4000
1000	2000		2500				280	±0.052 ±0.020	470		292		292		1000				2700	1570	3650	4804

YR

(6KV - 10 KV) - Moteur rotor bobiné / *Wound rotor motor*

Puissance / *Power* : 200 kW / 5 600 kW
Nombre pôles / *Poles number* : 2/4/6/8/10/12/16
Taille / *Size* : 355 - 1 000
Type de protection / *Type of protection* :
IP23 ACC. to DIN EN-60034-5
Type de refroidissement / *Type of cooling* :
IC01 ACC to DIN EN 0034-6

YR (6KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	(V)	(A)	kg.m²	kg
YR3551-4	220	27.5	1470	92.7	0.83	1.8	314	437.8	7.7	2420
YR3552-4	250	30.8	1471	93	0.84	1.8	342	455.2	8.8	2519
YR3553-4	280	34.5	1472	93.1	0.84	1.8	376	461.8	9.9	2607
YR4001-4	315	38.3	1473	93.2	0.85	1.8	376	519	12.1	2893
YR4002-4	355	43.1	1474	93.3	0.85	1.8	418	524	13.2	2981
YR4003-4	400	48.4	1473	93.5	0.85	1.8	438	565	14.3	3069
YR4004-4	450	54.4	1475	93.7	0.85	1.8	493	562	15.4	3201
YR4005-4	500	60.3	1476	93.9	0.85	1.8	537	572	16.5	3278
YR4501-4	560	67.3	1482	94.2	0.85	1.8	672	530	18.7	3993
YR4502-4	630	74.6	1480	94.5	0.86	1.8	667	582.3	20.9	4136
YR4503-4	710	84.0	1481	94.6	0.86	1.8	759	596	22	4246
YR4504-4	800	93.4	1482	94.7	0.87	1.8	914	534	23.1	4422
YR5001-4	900	105.0	1482	94.8	0.87	1.8	794	694	30.8	4851
YR5002-4	1000	116.6	1484	94.9	0.87	1.8	894	682	33	4994
YR5003-4	1120	130.4	1486	95	0.87	1.8	1022	666	35.2	5181
YR5004-4	1250	145.4	1484	95.1	0.87	1.8	1052	723	37.4	5357
YR5601-4	1400	162.7	1484	95.2	0.87	1.8	1050	810	62.7	7007
YR5602-4	1600	185.7	1484	95.3	0.87	1.8	1130	862	66	7106
YR5603-4	1800	208.7	1484	95.4	0.87	1.8	1225	894	71.5	7414
YR6301-4	2000	231.6	1486	95.5	0.87	1.8	1379	904	99	8987
YR6302-4	2240	259.2	1487	95.6	0.87	1.8	1517	918	106.7	9427
YR6303-4	2500	288.9	1487	95.7	0.87	1.8	1643	948	113.3	9867
YR4001-6	220	28.3	979	92.5	0.81	1.8	416	328	15.4	2871
YR4002-6	250	31.6	980	92.7	0.82	1.8	468	330	16.5	2970
YR4003-6	280	35.4	979	92.8	0.82	1.8	468	374	17.6	3069
YR4004-6	315	39.7	982	93	0.82	1.8	561	346	19.8	3190
YR4005-6	355	44.7	982	93.2	0.82	1.8	624	350	20.9	3289
YR4501-6	400	49.6	985	93.5	0.83	1.8	694	354	27.5	3938
YR4502-6	450	55.1	983	93.6	0.84	1.8	714	388	29.7	4059
YR4503-6	500	61.1	984	93.8	0.84	1.8	792	387	30.8	4290
YR4504-6	560	68.2	986	94	0.84	1.8	891	384	33	4345
YR5001-6	630	75.6	984	94.3	0.85	1.8	682	573	45.1	4565
YR5002-6	710	85.1	985	94.5	0.85	1.8	748	587	47.3	4708
YR5003-6	800	95.6	986	94.7	0.85	1.8	830	591	52.8	4873
YR5004-6	900	107.5	985	94.8	0.85	1.8	896	621	56.1	5038

YR (6KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	(V)	(A)	kg.m²	kg
YR5601-6	1000	119.2	986	95	0.85	1.8	912	701	69.3	6380
YR5602-6	1120	133.3	987	95.1	0.85	1.8	1026	696	77	6666
YR5603-6	1250	148.6	987	95.2	0.85	1.8	1118	712	81.4	6853
YR6301-6	1400	166.3	988	95.3	0.85	1.8	836	1072	114.4	7788
YR6302-6	1600	189.9	989	95.4	0.85	1.8	920	1114	117.7	8063
YR6303-6	1800	213.4	989	95.5	0.85	1.8	1022	1126	133.1	8338
YR4003-8	220	29.4	734	92.2	0.78	1.8	568	237	22	2860
YR4004-8	250	33.4	733	92.3	0.78	1.8	567	270	23.1	2959
YR4005-8	280	36.9	732	92.5	0.79	1.8	612	282	24.2	3025
YR4501-8	315	40.9	733	92.6	0.80	1.8	572	341	29.7	3751
YR4502-8	355	46.1	733	92.7	0.80	1.8	620	354	31.9	3872
YR4503-8	400	51.7	732	93	0.80	1.8	677	365	34.1	3960
YR4504-8	450	57.4	734	93.2	0.81	1.8	737	375	37.4	4103
YR5001-8	500	63.5	737	93.5	0.81	1.8	706	437	47.3	4565
YR5002-8	560	71.1	737	93.7	0.81	1.8	777	444	49.5	4686
YR5003-8	630	79.7	736	93.9	0.81	1.8	863	449	55	4862
YR5004-8	710	89.7	737	94	0.81	1.8	927	473	58.3	5027
YR5601-8	800	100.9	738	94.2	0.81	1.8	929	529	88	6116
YR5602-8	900	113.4	739	94.3	0.81	1.8	1068	519	96.8	6358
YR5603-8	1000	125.8	738	94.4	0.81	1.8	1151	536	103.4	6600
YR6301-8	1120	140.8	741	94.5	0.81	1.8	1149	596	136.4	7799
YR6302-8	1250	157.0	741	94.6	0.81	1.8	1245	614	143	8140
YR6303-8	1400	175.6	741	94.7	0.81	1.8	1358	631	156.2	8481
YR4501-10	220	30.1	584	91.3	0.77	1.8	563	242	29.7	3641
YR4502-10	250	34.5	584	91.5	0.77	1.8	610	254	33	3751
YR4503-10	280	37.6	584	91.8	0.78	1.8	664	261	35.2	3751
YR4504-10	315	42.3	584	91.9	0.78	1.8	732	266	38.5	3949
YR4505-10	355	47.6	585	92.1	0.78	1.8	813	270	40.7	4092
YR5001-10	400	53.2	588	92.8	0.78	1.8	732	337	55	4521
YR5002-10	450	59.6	588	93.1	0.78	1.8	768	363	57.2	4642
YR5003-10	500	65.3	588	93.3	0.79	1.8	855	362	63.8	4829
YR5004-10	560	73.0	588	93.5	0.79	1.8	918	379	68.2	4994
YR5601-10	630	81.0	589	93.6	0.80	1.8	979	424	94.6	6127
YR5602-10	710	91.1	590	93.7	0.80	1.8	1058	417	104.5	6358
YR5603-10	800	102.6	590	93.8	0.80	1.8	1204	437	111.1	6578
YR6301-10	900	115.3	591	93.9	0.80	1.8	1143	483	151.8	7799
YR6302-10	1000	127.8	591	94.1	0.80	1.8	1239	496	161.7	8140
YR6303-10	1120	143.0	591	94.2	0.80	1.8	1351	509	177.1	8481
YR4504-12	220	32.5	488	90.4	0.72	1.8	498	274	41.8	3938
YR4505-12	250	36.5	489	91.5	0.72	1.8	568	271	46.2	4081

YR (6KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	(V)	(A)	kg.m^2	kg
YR5001-12	280	40.3	487	94.7	0.73	1.8	519	350	51.7	4345
YR5002-12	315	44.5	487	92	0.74	1.8	593	342	55	4477
YR5003-12	355	49.5	487	92.1	0.75	1.8	692	327	60.5	4631
YR5004-12	400	55.6	488	92.3	0.75	1.8	692	375	66	4785
YR5601-12	450	60.8	487	92.5	0.77	1.8	822	345	102.3	5918
YR5602-12	500	67.4	489	92.7	0.77	1.8	923	337	107.8	6094
YR5603-12	560	75.4	490	92.8	0.77	1.8	1057	329	115.5	6303
YR5604-12	630	84.7	491	92.9	0.77	1.8	1233	314	132	6512
YR6301-12	710	95.4	491	93	0.77	1.8	1204	383	173.8	7711
YR6302-12	800	107.4	491	93.1	0.77	1.8	1305	399	185.9	8041
YR6303-12	900	120.7	491	93.2	0.77	1.8	1423	412	203.5	8371

YR (6KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn
YR710-1-4	2800	323	1500	95.8	0.87	1.8
YR710-2-4	3150	363	1500	95.9	0.87	1.8
YR710-3-4	3550	409	1500	96.0	0.87	1.8
YR710-4-4	4000	460	1500	96.1	0.87	1.8
YR800-1-4	4500	517	1500	96.2	0.87	1.8
YR800-2-4	5000	574	1500	96.3	0.87	1.8
YR800-3-4	5600	643	1500	96.4	0.87	1.8
YR710-1-6	2000	237	1000	95.6	0.85	1.8
YR710-2-6	2240	265	1000	95.6	0.85	1.8
YR710-3-6	2500	296	1000	95.7	0.85	1.8
YR710-4-6	2800	331	1000	95.7	0.85	1.8
YR800-1-6	3150	372	1000	95.8	0.85	1.8
YR800-2-6	3550	419	1000	95.9	0.85	1.8
YR800-3-6	4000	472	1000	96.0	0.85	1.8
YR800-4-6	4500	530	1000	96.1	0.85	1.8
YR710-1-8	1800	220	750	95.0	0.83	1.8
YR710-2-8	2000	244	750	95.1	0.83	1.8
YR710-3-8	2240	273	750	95.2	0.83	1.8
YR800-1-8	2500	364	750	95.3	0.83	1.8
YR800-2-8	2800	340	750	95.4	0.83	1.8
YR800-3-8	3150	378	750	95.5	0.84	1.8
YR900-1-8	3550	425	750	95.6	0.84	1.8
YR900-2-8	4000	479	750	95.7	0.84	1.8
YR900-3-8	4500	538	750	95.8	0.84	1.8
YR710-1-10	1400	176	600	94.4	0.81	1.8
YR710-2-10	1600	201	600	94.5	0.81	1.8
YR710-3-10	1800	226	600	94.6	0.81	1.8
YR800-1-10	2000	251	600	94.7	0.81	1.8
YR800-2-10	2240	281	600	94.8	0.81	1.8
YR800-3-10	2500	313	600	94.9	0.81	1.8
YR900-1-10	2800	346	600	95.0	0.82	1.8
YR900-2-10	3150	389	600	95.1	0.82	1.8
YR900-3-10	3550	438	600	95.2	0.82	1.8
YR900-4-10	4000	493	600	95.3	0.82	1.8
YR1000-1-10	4500	554	600	95.4	0.82	1.8
YR1000-2-10	5000	614	600	95.5	0.82	1.8
YR100-3-10	5600	687	600	95.6	0.82	1.8
YR710-1-12	1120	147	500	93.8	0.78	1.8
YR710-2-12	1250	164	500	93.9	0.78	1.8
YR710-3-12	1400	184	500	94.0	0.78	1.8
YR800-1-12	1600	210	500	94.1	0.78	1.8
YR800-2-12	1800	236	500	94.2	0.78	1.8
YR800-3-12	2000	262	500	94.3	0.78	1.8
YR800-4-12	2240	293	500	94.4	0.78	1.8
YR900-1-12	2500	322	500	94.5	0.79	1.8
YR900-2-12	2800	361	500	94.6	0.79	1.8
YR900-3-12	3150	405	500	94.7	0.79	1.8
YR1000-1-12	3350	457	500	94.8	0.79	1.8

YR (6KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn
YR1000-2-12	4000	513	500	94.9	0.79	1.8
YR1000-3-12	4500	577	500	95.0	0.79	1.8
YR1000-4-12	5000	640	500	95.1	0.79	1.8
YR710-1-16	630	91.2	375	92.3	0.72	1.8
YR7102-16	710	102	375	92.6	0.72	1.8
YR710-3-16	800	115	375	92.7	0.72	1.8
YR710-4-16	900	130	375	92.8	0.72	1.8
YR800-1-16	1000	144	375	92.9	0.72	1.8
YR800-2-16	1120	161	375	93.0	0.72	1.8
YR800-3-16	1250	179	375	93.1	0.72	1.8
YR800-4-16	1400	201	375	93.2	0.72	1.8
YR900-1-16	1600	223	375	93.3	0.74	1.8
YR900-2-16	1800	251	375	93.4	0.74	1.8
YR900-3-16	2000	278	375	93.5	0.74	1.8
YR1000-1-16	2240	311	375	93.6	0.74	1.8
YR1000-2-16	2500	347	375	93.7	0.74	1.8
YR1000-3-16	2800	388	375	93.8	0.74	1.8

YR (10 KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	U2 (V)	I2 (A)	kg.m^2	(kg) Y
YR4501-4	315	23.4	1481	92.5	0.84	1.8	538	360	16.5	4125
YR4502-4	355	26.3	1478	92.8	0.84	1.8	538	407	16.5	4180
YR4503-4	400	29.2	1479	93.1	0.85	1.8	591	416	16.5	4246
YR4504-4	450	32.8	1480	93.3	0.85	1.8	657	419	18.7	4422
YR4505-4	500	36.3	1482	93.6	0.85	1.8	611	503	26.4	4818
YR4506-4	560	40.6	1483	93.8	0.85	1.8	677	505	27.5	4862
YR5001-4	630	45.4	1484	94.2	0.85	1.8	742	518	29.7	5005
YR5002-4	710	51.0	1483	94.6	0.85	1.8	762	569	29.7	5170
YR5003-4	800	56.7	1484	94.7	0.86	1.8	845	576	31.9	5368
YR5004-4	900	63.7	1479	94.8	0.86	1.8	767	730	46.2	6765
YR5005-4	1000	70.7	1482	94.9	0.86	1.8	874	703	49.5	7205
YR5601-4	1120	78.2	1480	95.1	0.87	1.8	874	792	49.5	7315
YR5602-4	1250	87.1	1483	95.2	0.87	1.8	1022	750	58.3	7425
YR5603-4	1400	97.5	1484	95.3	0.87	1.8	1117	765	83.6	8987
YR6301-4	1600	110.0	1484	95.4	0.88	1.8	1233	793	96.8	9460
YR6302-4	1800	123.7	1484	95.5	0.88	1.8	1328	824	96.8	9625
YR6303-4	2000	137.3	1485	95.6	0.88	1.8	1496	810	110	9900
YR4503-6	280	21.6	983	92.2	0.81	1.8	564	306	24.2	4400
YR4504-6	315	24.3	982	92.4	0.81	1.8	520	376	37.4	4565
YR4505-6	355	27.3	983	92.6	0.81	1.8	568	388	40.7	4686
YR4506-6	400	30.7	983	92.8	0.81	1.8	624	396	44	4785
YR5001-6	450	34.5	981	93.1	0.81	1.8	624	449	44	4983
YR5002-6	500	38.2	982	93.4	0.81	1.8	694	446	47.3	5060
YR5003-6	560	42.6	984	93.6	0.81	1.8	779	442	50.6	5159
YR5004-6	630	47.3	985	93.8	0.82	1.8	730	532	69.3	6655
YR5005-6	710	53.2	986	94.	0.82	1.8	821	531	75.9	6985
YR5601-6	800	58.3	985	94.3	0.84	1.8	821	604	75.9	7205
YR5602-6	900	65.5	986	94.5	0.84	1.8	934	591	80.3	7370
YR5603-6	1000	71.7	987	94.7	0.85	1.8	897	684	108.9	8855
YR5604-6	1120	80.2	989	94.9	0.85	1.8	1043	651	113.3	9405
YR6301-6	1250	89.3	989	95.1	0.85	1.8	1137	666	124.3	9570
YR6302-6	1400	99.8	990	95.3	0.85	1.8	1249	677	133.1	9900
YR6303-6	1600	113.9	990	95.4	0.85	1.8	1246	685	141.9	10230
YR5001-8	280	23.4	735	92.2	0.75	1.8	564	312	48.4	4895
YR5002-8	315	26.3	736	92.3	0.75	1.8	619	318	50.6	4983

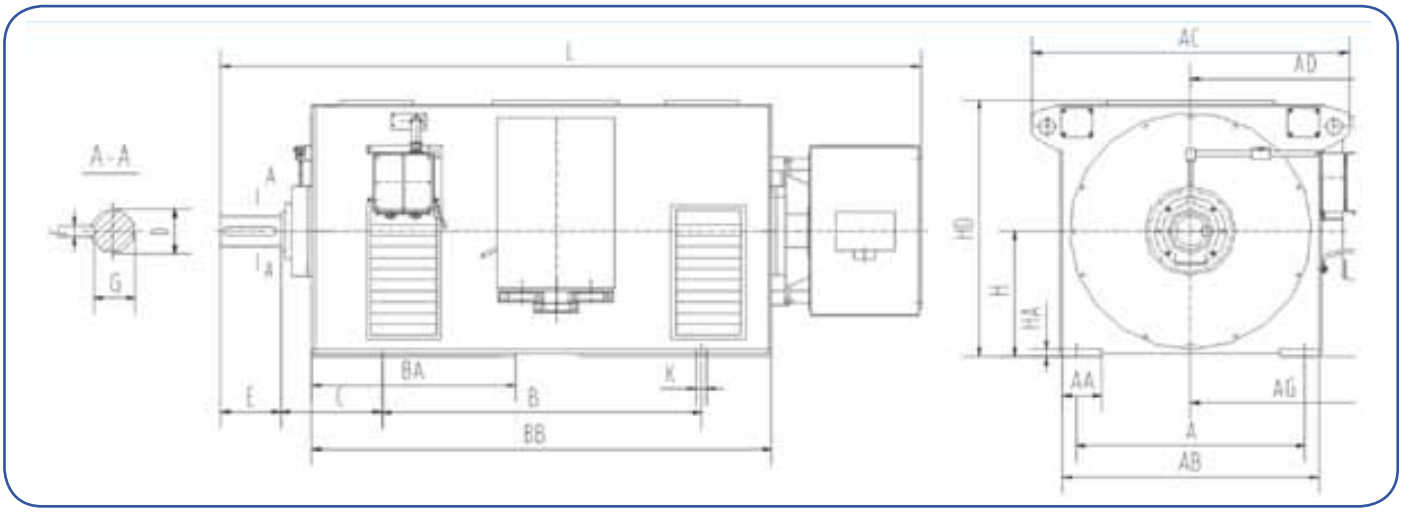
YR (10 KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	U2 (V)	I2 (A)	kg.m²	(kg) Y
YR5003-8	355	29.5	736	92.5	0.75	1.8	689	321	56.1	5060
YR5004-8	400	33.2	734	92.8	0.75	1.8	688	368	56.1	5170
YR5005-8	450	36.2	736	93.1	0.77	1.8	773	364	59.4	5280
YR5006-8	500	40.2	740	93.3	0.77	1.8	881	346	85.8	6666
YR5601-8	560	43.7	739	93.6	0.79	1.8	949	360	91.3	6930
YR5602-8	630	49.1	739	93.8	0.79	1.8	1030	373	99	7194
YR5603-8	710	55.2	738	94	0.79	1.8	1030	424	99	7425
YR5604-8	800	62.1	741	94.2	0.79	1.8	1132	431	155.1	8800
YR6301-8	900	67.1	741	94.4	0.82	1.8	1245	439	166.1	9350
YR6302-8	1000	74.4	740	94.6	0.82	1.8	1245	491	166.1	9515
YR6303-8	1120	83.2	741	94.8	0.82	1.8	1382	494	177.1	9845
YR5003-10	250	21.9	587	91.4	0.72	1.8	536	288	53.9	4884
YR5004-10	280	24.5	586	91.7	0.72	1.8	536	327	53.9	4961
YR5005-10	315	27.4	585	92.1	0.72	1.8	581	339	57.2	5038
YR5006-10	355	30.9	586	92.2	0.72	1.8	632	351	60.5	5148
YR5601-10	400	33.8	586	92.4	0.74	1.8	690	359	63.8	5258
YR5602-10	450	37.3	589	92.8	0.75	1.8	701	397	101.2	6644
YR5603-10	500	41.4	590	93	0.75	1.8	775	396	107.8	6908
YR5604-10	560	45.6	588	93.2	0.76	1.8	774	449	107.8	7172
YR5605-10	630	51.2	589	93.4	0.76	1.8	868	447	117.7	7403
YR6301-10	710	56.1	590	93.7	0.78	1.8	889	499	172.7	8800
YR6302-10	800	63.1	591	93.8	0.78	1.8	1011	488	184.8	9328
YR6303-10	900	70.9	591	93.9	0.78	1.8	1088	511	194.7	9493
YR6304-10	1000	78.7	591	94.1	0.78	1.8	1179	524	212.3	9812
YR5601-12	280	24.6	489	91.4	0.72	1.8	583	299	96.8	6545
YR5602-12	315	27.6	489	91.5	0.72	1.8	635	308	104.5	6611
YR5603-12	355	31.1	489	91.6	0.72	1.8	699	315	114.4	6875
YR5604-12	400	34.9	490	91.8	0.72	1.8	773	319	121	7150
YR5605-12	450	39.1	490	92.2	0.72	1.8	867	318	133.1	7370
YR6301-12	500	42.8	491	92.4	0.73	1.8	774	398	172.7	8745
YR6302-12	560	47.1	491	92.8	0.74	1.8	821	423	183.7	9295
YR6303-12	630	52.8	491	93.1	0.74	1.8	927	418	201.3	9460
YR6304-12	710	59.3	491	93.4	0.74	1.8	994	441	215.6	9790

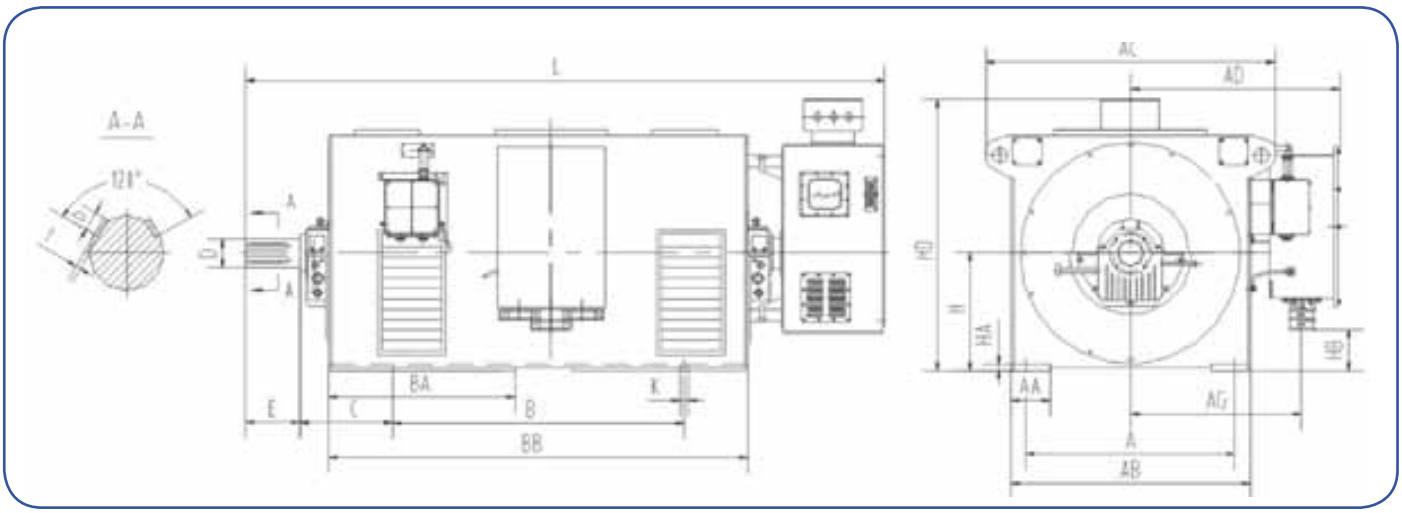
YR (10 KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn
YR710-6-4	2500	178	1500	95. 6	0.85	1.8
YR710-7-4	2800	199	1500	95. 6	0.85	1.8
YR710-8-4	3150	224	1500	95. 7	0.85	1.8
YR710-9-4	3550	252	1500	95. 8	0.85	1.8
YR800-6-4	4000	280	1500	95. 9	0.86	1.8
YR800-7-4	4500	315	1500	96. 0	0.86	1.8
YR800-8-4	5000	349	1500	96. 1	0.86	1.8
YR800-9-4	5600	391	1500	96. 2	0.86	1.8
YR710-6-6	2000	146	1000	95. 4	0.83	1.8
YR710-7-6	2240	163	1000	95. 5	0.83	1.8
YR710-8-6	2500	182	1000	95. 5	0.83	1.8
YR800-6-6	2800	204	1000	95. 6	0.83	1.8
YR800-7-6	3150	226	1000	95. 7	0.84	1.8
YR800-8-6	3550	255	1000	95. 8	0.84	1.8
YR900-6-6	4000	287	1000	95. 9	0.84	1.8
YR900-7-6	4500	323	1000	96. 0	0.84	1.8
YR900-8-6	5000	358	1000	95. 0	0.82	1.8
YR800-6-8	2500	185	750	95. 1	0.82	1.8
YR800-7-8	2800	207	750	95. 2	0.82	1.8
YR900-6-8	3150	233	750	95. 3	0.83	1.8
YR900-7-8	3550	259	750	95. 4	0.83	1.8
YR1000-6-8	4000	292	750	95.4	0.83	1.8
YR1000-7-8	4500	328	750	95.5	0.83	1.8
YR1000-8-8	5000	364	750	95.6	0.83	1.8
YR900-6-10	2500	191	600	94.6	0.80	1.8
YR900-7-10	2800	213	600	94.7	0.80	1.8
YR1000-6-10	3150	237	600	94.8	0.81	1.8
YR1000-7-10	3550	267	600	94.9	0.81	1.8
YR1000-6-12	2500	199	500	94.2	0.77	1.8
YR1000-7-12	2800	223	500	94.3	0.77	1.8
YR1000-8-12	3150	247	500	94.4	0.78	1.8
YR1000-9-12	3550	278	500	94.5	0.78	1.8

YR (6KV) - Moteur rotor bobiné / *Wound rotor motor*

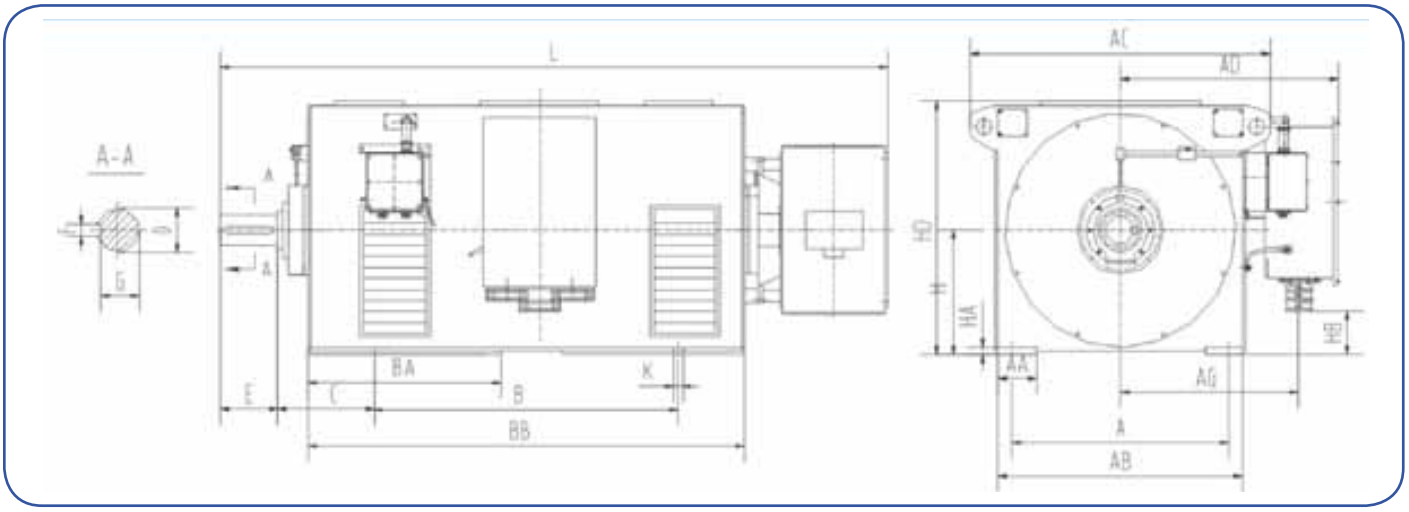


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	L
355-4 – 6	630	130	784	990	745	587	900	525	1360	315	100	210	28	90	355	25	55	780	28	2400
400-4 – 8	710	130	810	1010	760	607	1000	555	1500	335	110	210	28	100	400	25	85	855	35	2420
450-4	800	150	910	1120	810	657	1120	640	1620	355	120	210	32	109	450	30	185	935	35	2640
450-6 – 12	800	150	910	1120	810	657	1120	640	1620	355	130	250	32	119	450	30	185	935	35	2640
500-4	900	150	1000	1220	860	707	1250	655	1730	475	130	250	32	119	500	25	285	1040	42	2920
500-6 – 12	900	150	1000	1220	860	707	1250	655	1730	475	140	250	36	128	500	25	285	1040	42	2920

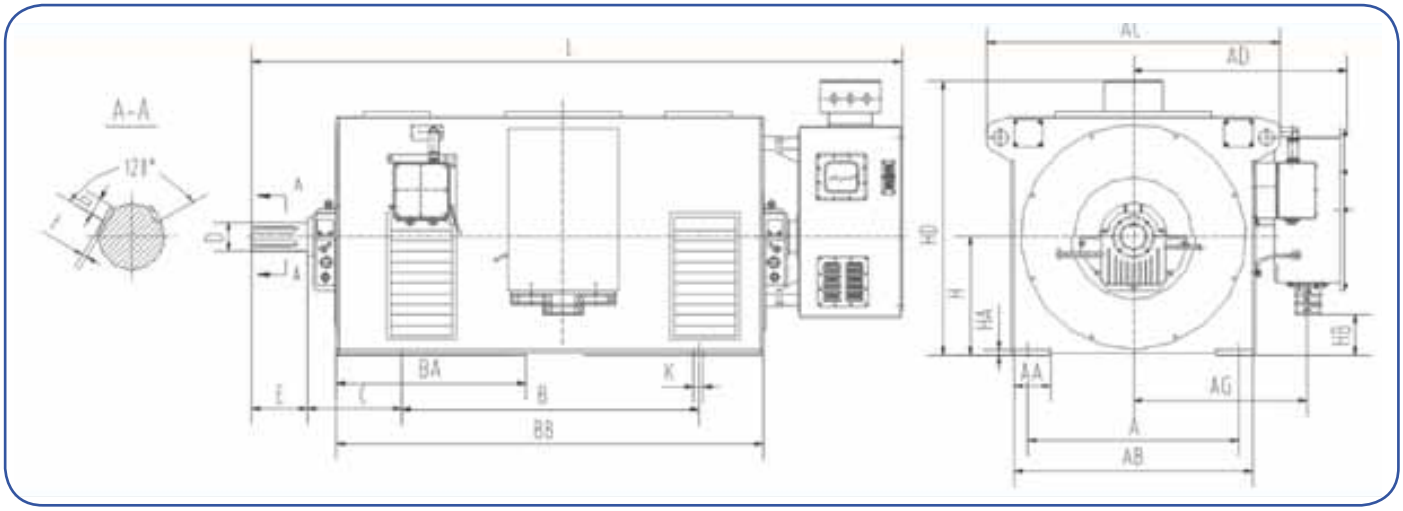


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	b	r	H	HA	HB	HD	K	L
560-4	1000	170	1130	1350	1060	814	1400	690	1880	500	150	250	11.4	39.7	0.7	560	30	115	1160	42	3200
560-6 – 12	1000	170	1130	1350	1060	814	1400	690	1880	500	160	300	12.4	42.8	0.7	560	30	115	1160	42	3200
630-4	1120	190	1260	1530	1120	879	1600	770	2150	530	170	300	12.4	44.2	0.7	630	30	265	1300	48	3460
630-6 – 12	1120	190	1260	1530	1120	879	1600	770	2150	630	180	300	12.4	45.6	0.7	630	30	265	1300	48	3460

YR (10KV) - Moteur rotor bobiné / *Wound rotor motor*

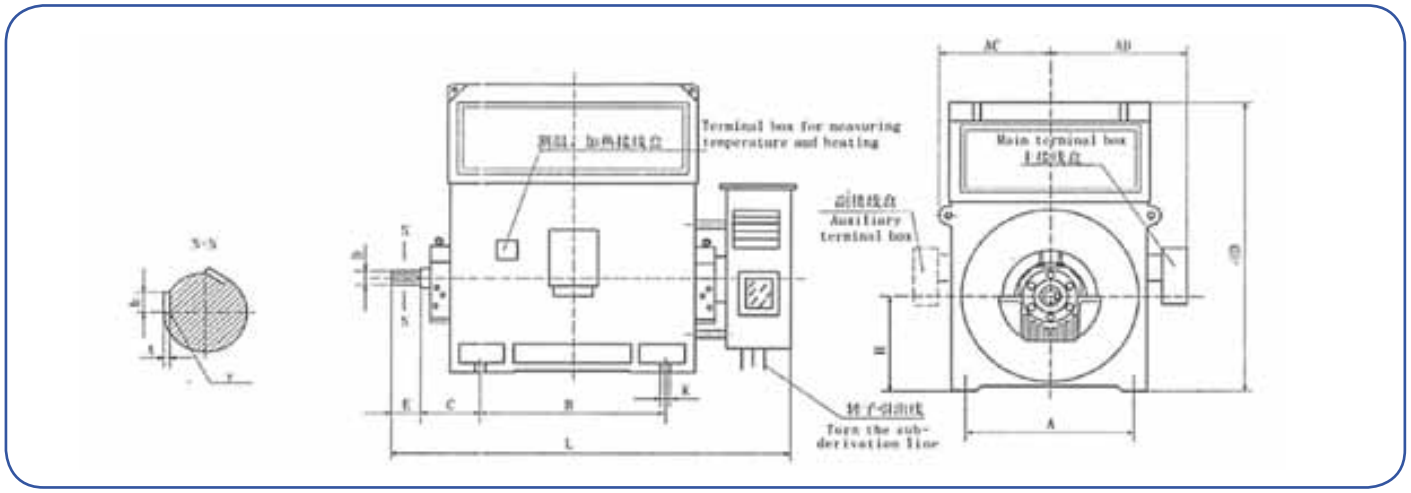


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	b	H	HA	HB	HD	K	L
450-4	800	150	910	1120	875	700	1120	600	1620	355	110	210	28	100	450	25	185	935	35	2570
560-6~12	800	150	910	1120	875	700	1120	600	1620	355	110	210	28	100	450	25	185	935	35	2610
500-4	900	150	1010	1220	925	750	1250	655	1730	475	120	210	32	109	500	25	285	1040	48	2920
500-6~12	900	150	1010	1220	925	750	1250	655	1730	475	130	260	32	119	500	25	285	1040	48	2920



Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	b	H	HA	HB	HD	K	L
560-4	1000	170	1130	1350	985	810	1400	690	1880	500	150	250	11.4	39.7	560	30	115	1380	42	3400
560-6~12	1000	170	1130	1350	985	810	1400	690	1880	500	160	300	12.4	42.8	560	30	115	1380	42	3400
630-4	1120	190	1260	1530	1050	875	1600	740	2150	530	170	300	12.4	44.2	630	30	265	1450	48	3700
630-6~12	1120	190	1260	1530	1050	875	1600	740	2150	530	180	300	12.4	45.6	630	30	265	1450	48	3700

YR (6KV - 10 KV) - Moteur rotor bobiné / *Wound rotor motor*



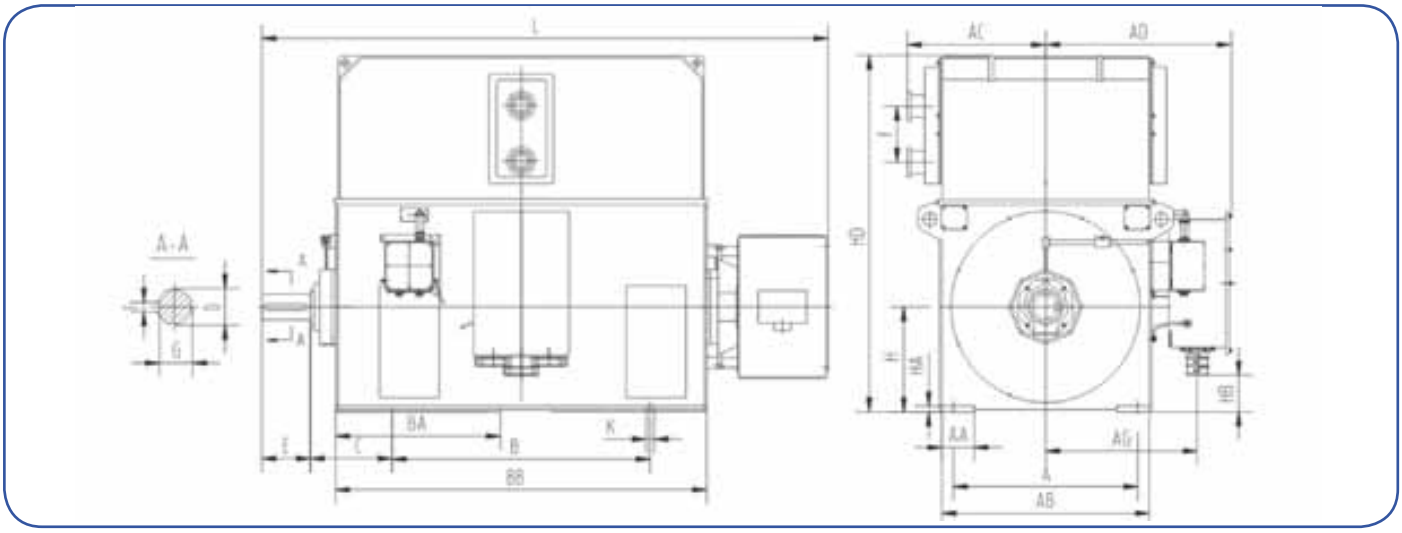
Type	Mounting dimension and tolerance								Overall dimension					
	A	B	C	D	E	t	b	r	H	K	AC	AD	HD	L
710	1400 ± 2.8	1800 ± 2.8	530 ± 4.2	$\phi 200^{+0.046}_{+0.017}$	350 ± 0.7	$14^{0}_{-0.11}$	51	0.7~1.0	$710^{0}_{-1.5}$	$\phi 56$	950	1210	2220	4000
800	1600 ± 2.8	2000 ± 2.8	530 ± 4.2	$\phi 220^{+0.046}_{+0.017}$	350 ± 0.7	$16^{0}_{-0.11}$	57.1	1.2~1.6	$800^{0}_{-1.5}$	$\phi 56$	1110	1340	2600	4200
900	1800 ± 3.5	2240 ± 3.5	600 ± 4.2	$\phi 250^{+0.018}_{+0.017}$	410 ± 0.77	$18^{0}_{-0.13}$	64.6	1.2~1.6	$900^{0}_{-1.5}$	$\phi 66$	1210	1450	3000	4600
1000	2000 ± 3.5	2500 ± 3.5	600 ± 4.2	$\phi 280^{+0.052}_{+0.020}$	470 ± 0.77	$20^{0}_{-0.13}$	72.1	2.0~2.5	$1000^{0}_{-1.5}$	$\phi 66$	1310	1520	3400	4700

YRKS

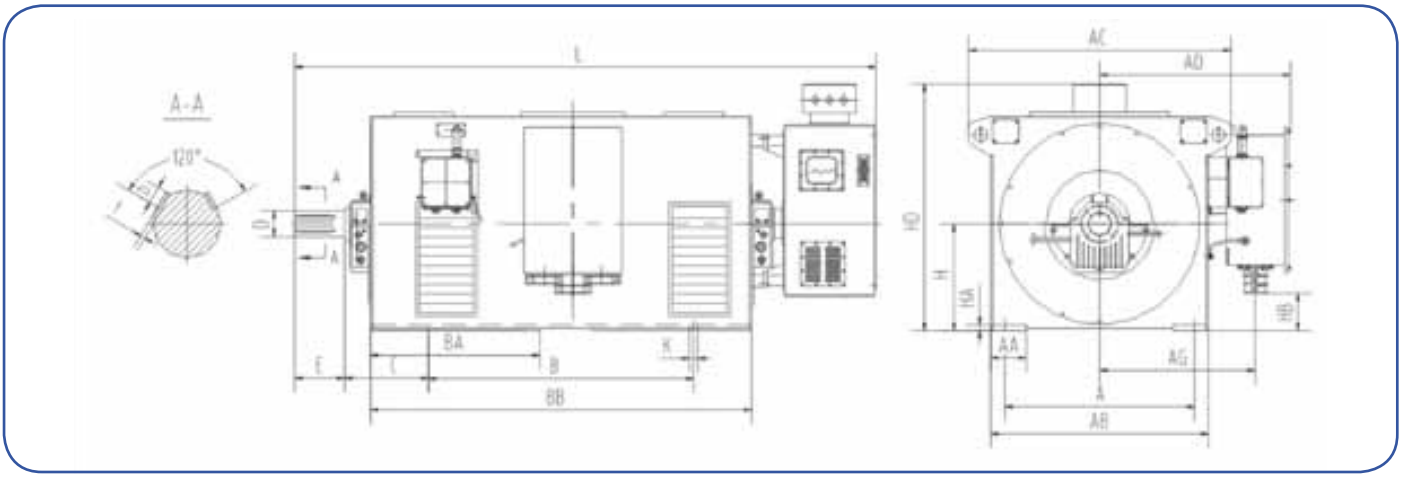
(6KV - 10 KV) - Moteur rotor bobiné / *Wound rotor motor*

Puissance / *Power* : 250 kW / 5 600 kW
Nombre pôles / *Poles number* : 2/4/6/8/10/12/16
Taille / *Size* : 355 - 1 000
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5
Type de refroidissement / *Type of cooling* :
IC81W ACC to DIN EN 0034-6
Air Water on the top

YRKS (6KV) - Moteur rotor bobiné / *Wound rotor motor*

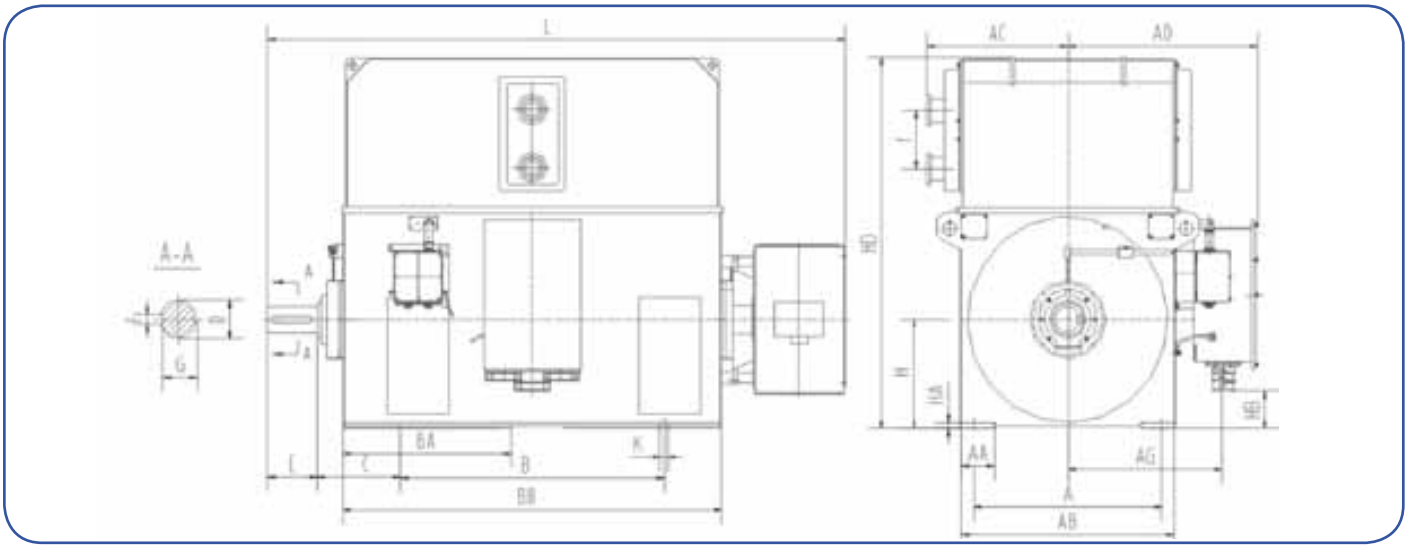


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	f	L
355-4 - 6	630	130	770	560	745	587	900	565	1420	315	100	210	28	90	355	20	55	780	28	280	1820
400-4 - 8	710	130	810	580	760	607	1000	565	1510	335	110	210	28	100	400	25	85	835	35	400	1940
450-4	800	150	910	620	810	657	1120	600	1620	355	120	210	32	109	450	25	105	935	35	400	2080
450-6 - 12	800	150	910	620	810	657	1120	600	1620	355	130	250	32	119	450	25	105	935	35	500	2120
500-4	900	150	1010	680	860	707	1250	655	1730	475	130	250	32	119	500	25	285	1040	42	500	2550
500-6 - 12	900	150	1010	680	860	707	1250	655	1730	475	140	250	36	128	500	25	285	1040	42	500	2550

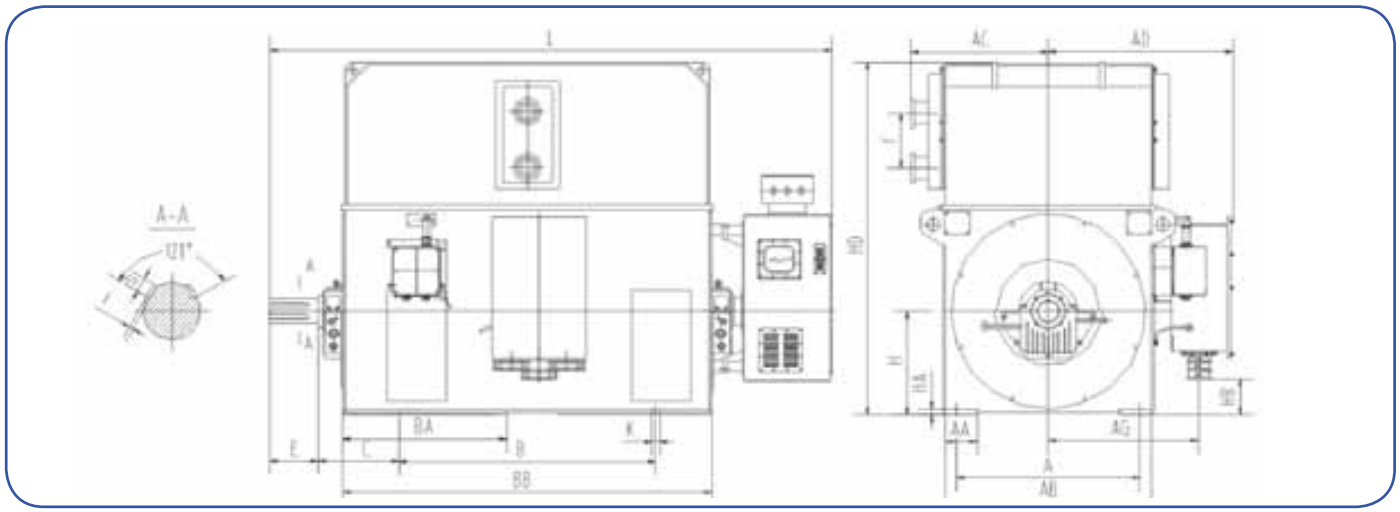


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	f	L	L
560-4	1000	170	1130	750	1060	814	1400	690	1880	500	150	250	11.4	39.7	0.7	560	30	115	1160	42	500	3200
560-6 - 12	1000	170	1130	750	1060	814	1400	690	1880	500	160	300	12.4	42.8	0.7	560	30	115	1160	42	500	3200
630-4	1120	190	1260	800	1120	879	1600	770	2150	530	170	300	12.4	44.2	0.7	630	30	265	1300	48	500	3460
630-6 - 12	1120	190	1260	800	1120	879	1600	770	2150	530	180	300	12.4	45.6	0.7	630	30	265	1300	48	500	3460

YRKS (10KV) - Moteur rotor bobiné / *Wound rotor motor*

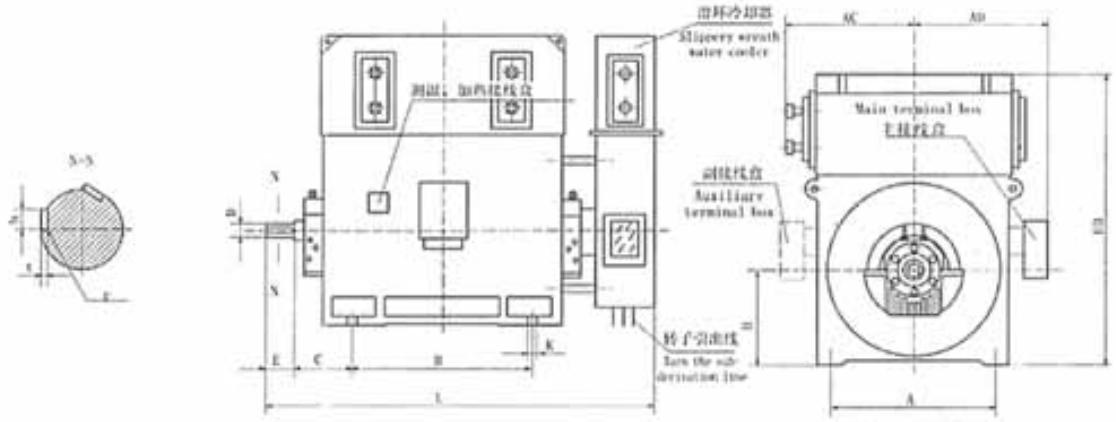


Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	b	H	HA	HB	HD	HD	K	L
450-4	800	150	910	620	875	700	1120	600	1620	355	120	210	32	109	450	25	185	935	35	400	2720
450-6~12	800	150	910	620	875	700	1120	600	1620	355	130	250	32	119	450	25	185	935	35	400	2760
500-4	900	150	1010	680	925	750	1250	655	1730	475	130	250	32	119	500	25	285	1040	42	500	3070
500-6~12	900	150	1010	680	925	750	1250	655	1730	475	140	250	36	128	500	25	285	1040	42	500	3070



Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	b	r	H	HA	HB	HD	K	L
560-4	1000	170	1130	750	985	810	1400	690	1880	500	150	250	11.4	39.7	0.7	560	30	115	1850	42	3400
560-6~12	1000	170	1130	750	985	810	1400	690	1880	500	160	300	12.4	42.8	0.7	560	30	115	1850	42	3400
630-4	1120	190	1260	800	1050	875	1600	770	2150	530	170	300	12.4	44.2	0.7	630	30	265	2000	48	3700
630-6~12	1120	190	1260	800	1050	875	1600	770	2150	530	180	300	12.4	45.6	0.7	630	30	265	2000	48	3700

YRKS (6KV - 10KV) - Moteur rotor bobiné / *Wound rotor motor*

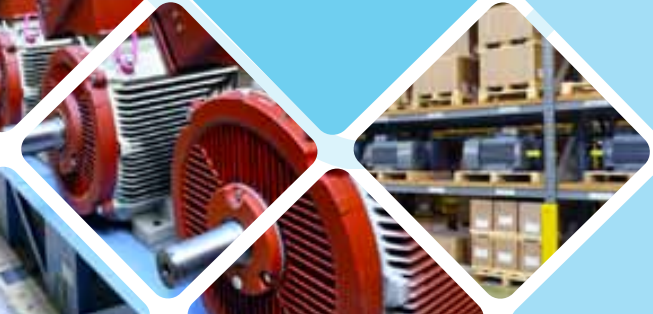


Type	Mounting dimension and tolerance								Overall dimension					
	A	B	C	D	E	t	b	r	H	K	AC	AD	HD	L
710	1400 ± 2.8	1800 ± 2.8	530 ± 4.2	$\phi 200^{+0.048}_{+0.017}$	350 ± 0.7	$14^{0}_{-0.11}$	51	0.7~1.0	$710^{0}_{-1.5}$	$\phi 56$	1310	1370	2220	4000
800	1600 ± 2.8	2000 ± 2.8	530 ± 4.2	$\phi 220^{+0.048}_{+0.017}$	350 ± 0.7	$16^{0}_{-0.11}$	57.1	1.2~1.6	$800^{0}_{-1.5}$	$\phi 56$	1400	1460	2600	4200
900	1800 ± 3.5	2240 ± 3.5	600 ± 4.2	$\phi 250^{+0.018}_{+0.017}$	410 ± 0.77	$18^{0}_{-0.13}$	64.6	1.2~1.6	$900^{0}_{-1.5}$	$\phi 66$	1500	1560	3000	4600
1000	2000 ± 3.5	2500 ± 3.5	600 ± 4.2	$\phi 280^{+0.052}_{+0.020}$	470 ± 0.77	$20^{0}_{-0.13}$	72.1	2.0~2.5	$1000^{0}_{-1.5}$	$\phi 66$	1600	1660	3400	4700

YRKK

(6KV - 10 KV) - Moteur rotor bobiné / *Wound rotor motor*

Puissance / *Power* : 185 kW / 4 800 kW
Nombre pôles / *Poles number* : 2/4/6/8/10/12/16
Taille / *Size* : 355 - 1 000
Type de protection / *Type of protection* :
IP55 ACC. to DIN EN-60034-5
Type de refroidissement / *Type of cooling* :
IC611/IC616 ACC to DIN EN 0034-6



YRKK (6KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn
YRKK3551-4	185	23.3	1500	92.0	0.83	1.8
YRKK3552-4	200	25.1	1500	92.2	0.83	1.8
YRKK3553-4	220	27.6	1500	92.4	0.83	1.8
YRKK4001-4	250	30.9	1500	92.7	0.84	1.8
YRKK4002-4	280	34.6	1500	92.8	0.84	1.8
YRKK4003-4	315	38.8	1500	92.9	0.84	1.8
YRKK4004-4	355	43.7	1500	93.0	0.84	1.8
YRKK4005-4	400	49.2	1500	93.2	0.84	1.8
YRKK4501-4	450	54.5	1500	93.4	0.85	1.8
YRKK4502-4	500	60.5	1500	93.6	0.85	1.8
YRKK4503-4	560	67.5	1500	93.9	0.85	1.8
YRKK4504-4	630	75.7	1500	94.2	0.85	1.8
YRKK5001-4	710	84.2	1500	94.3	0.86	1.8
YRKK5002-4	800	94.8	1500	94.4	0.86	1.8
YRKK5003-4	900	106.6	1500	94.5	0.86	1.8
YRKK5004-4	1000	118.3	1500	94.6	0.86	1.8
YRKK5602-4	1120	130.8	1500	94.7	0.87	1.8
YRKK5603-4	1250	145.8	1500	94.8	0.87	1.8
YRKK5604-4	1400	163.2	1500	94.9	0.87	1.8
YRKK6301-4	1600	186.3	1500	95.0	0.87	1.8
YRKK6302-4	1800	209.4	1500	95.1	0.87	1.8
YRKK6303-4	2000	232.4	1500	95.2	0.87	1.8
YRKK4001-6	185	23.6	1000	91.9	0.82	1.8
YRKK4002-6	200	25.5	1000	92.1	0.82	1.8
YRKK4003-6	220	28	1000	92.3	0.82	1.8
YRKK4004-6	250	31.7	1000	92.5	0.82	1.8
YRKK4005-6	280	35.5	1000	92.6	0.82	1.8
YRKK4501-6	315	39.4	1000	92.8	0.83	1.8
YRKK4502-6	355	44.3	1000	93.0	0.83	1.8
YRKK4503-6	400	49.7	1000	93.3	0.83	1.8
YRKK4504-6	450	55.9	1000	93.4	0.83	1.8
YRKK5001-6	500	61.2	1000	93.6	0.84	1.8
YRKK5002-6	560	68.4	1000	93.8	0.84	1.8
YRKK5003-6	630	76.7	1000	94.1	0.84	1.8

YRKK (6KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn
YRKK5004-6	710	86.3	1000	94.3	0.84	1.8
YRKK5602-6	800	95.8	1000	94.5	0.85	1.8
YRKK5603-6	900	107.7	1000	94.6	0.85	1.8
YRKK5604-6	1000	119.4	1000	94.8	0.85	1.8
YRKK6302-6	1120	133.6	1000	94.9	0.85	1.8
YRKK6303-6	1250	149.0	1000	95.0	0.85	1.8
YRKK6304-6	1400	166.7	1000	95.1	0.85	1.8
YRKK4004-8	185	24.9	750	91.8	0.78	1.8
YRKK4005-8	200	26.8	750	92.0	0.78	1.8
YRKK4501-8	220	29.1	750	92.2	0.79	1.8
YRKK4502-8	250	33.0	750	92.3	0.79	1.8
YRKK4503-8	280	36.9	750	92.5	0.79	1.8
YRKK4504-8	315	41.4	750	92.6	0.79	1.8
YRKK5001-8	355	46.1	750	92.7	0.80	1.8
YRKK5002-8	400	51.7	750	93.0	0.80	1.8
YRKK5003-8	450	58.1	750	93.1	0.80	1.8
YRKK5004-8	500	64.3	750	93.5	0.80	1.8
YRKK5601-8	560	71.0	750	93.7	0.81	1.8
YRKK5602-8	630	79.7	750	93.9	0.81	1.8
YRKK5603-8	710	89.7	750	94.0	0.81	1.8
YRKK5604-8	800	100.9	750	94.2	0.81	1.8
YRKK6301-8	900	113.4	750	94.3	0.81	1.8
YRKK6302-8	1000	125.8	750	94.4	0.81	1.8
YRKK6303-8	1120	140.8	750	94.5	0.81	1.8
YRKK6304-8	1250	157.0	750	94.6	0.81	1.8
YRKK4501-10	185	26.1	600	90.9	0.75	1.8
YRKK4502-10	200	28.2	600	91.1	0.75	1.8
YRKK4503-10	220	30.9	600	91.3	0.75	1.8
YRKK4504-10	250	35.1	600	91.5	0.75	1.8
YRKK5001-10	280	38.6	600	91.8	0.76	1.8
YRKK5002-10	315	43.4	600	91.9	0.76	1.8
YRKK5003-10	355	48.8	600	92.1	0.76	1.8
YRKK5004-10	400	54.6	600	92.8	0.76	1.8
YRKK5601-10	450	60.4	600	93.1	0.77	1.8
YRKK5602-10	500	67.0	600	93.3	0.77	1.8
YRKK5603-10	560	74.8	600	93.5	0.77	1.8
YRKK5604-10	630	84.1	600	93.6	0.77	1.8
YRKK6301-10	710	93.5	600	93.7	0.78	1.8
YRKK6302-10	800	105.2	600	93.8	0.78	1.8
YRKK6303-10	900	118.2	600	93.9	0.78	1.8
YRKK6304-10	1000	131.1	600	94.0	0.78	1.8

YRKK (6KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn
YRKK4503-12	185	28.1	500	90.6	0.70	1.8
YRKK4504-12	200	30.3	500	90.8	0.70	1.8
YRKK5001-12	220	32.3	500	91.0	0.72	1.8
YRKK5002-12	250	36.6	500	91.3	0.72	1.8
YRKK5003-12	280	40.8	500	91.7	0.72	1.8
YRKK5004-12	315	45.8	500	92.0	0.72	1.8
YRKK5602-12	355	50.8	500	92.1	0.73	1.8
YRKK5603-12	400	57.1	500	92.3	0.73	1.8
YRKK5604-12	450	64.1	500	92.5	0.73	1.8
YRKK6301-12	500	69.2	500	92.7	0.75	1.8
YRKK6302-12	560	77.4	500	92.8	0.75	1.8
YRKK6303-12	630	87.0	500	92.9	0.75	1.8
YRKK6304-12	710	98.0	500	93.0	0.75	1.8

YRKK (10KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	μ (%)	Cos ø	(r/min)	(V)	(A)	Mmax/Mn	kg
YRKK450-4	315	22	94.6	0.87	1500	428	451	1.8	4800
YRKK450-4	355	25	94.5	0.87	1500	428	511	1.8	4950
YRKK450-4	400	28	94.6	0.87	1500	483	509	1.8	5200
YRKK450-4	450	31	94.5	0.87	1500	483	578	1.8	5280
YRKK450-4	500	35	94.5	0.87	1500	552	558	1.8	5430
YRKK500-4	560	39	94.4	0.87	1500	624	511	1.8	5735
YRKK500-4	630	43	94.4	0.87	1500	653	530	1.8	5980
YRKK500-4	710	49	94.5	0.87	1500	672	546	1.8	6210
YRKK500-4	800	55	94.7	0.88	1500	729	618	1.8	6545
YRKK560-4	900	61	95.0	0.89	1500	795	569	1.8	7220
YRKK560-4	1000	68	95.1	0.89	1500	857	521	1.8	7980
YRKK560-4	1120	75	95.2	0.89	1500	986	587	1.8	8730
YRKK630-4	1250	84	95.4	0.88	1500	1198	590	1.8	10800
YRKK630-4	1400	94	95.4	0.88	1500	1173	585	1.8	11560
YRKK630-4	1600	107	95.5	0.89	1500	1299	673	1.8	12070
YRKK630-4	1800	120	95.5	0.89	1500	1463	657	1.8	12590
YRKK450-6	220	17	92.5	0.81	1000	547	255	1.8	4500
YRKK450-6	250	19	92.6	0.82	1000	610	257	1.8	4800
YRKK450-6	280	22	92.6	0.82	1000	610	288	1.8	4800
YRKK450-6	315	24	93.1	0.82	1000	760	260	1.8	5500
YRKK450-6	355	27	93.2	0.83	1000	815	273	1.8	5800
YRKK500-6	400	30	93.6	0.84	1000	767	323	1.8	6000
YRKK500-6	450	33	93.7	0.84	1000	767	366	1.8	6250
YRKK500-6	500	37	93.9	0.84	1000	876	372	1.8	6450
YRKK500-6	560	41	94.2	0.84	1000	944	385	1.8	6700
YRKK560-6	630	45	94.4	0.85	1000	941	414	1.8	7100
YRKK560-6	710	51	94.5	0.85	1000	1021	430	1.8	7350
YRKK560-6	800	57	95.0	0.85	1000	1118	439	1.8	7600
YRKK630-6	900	65	94.4	0.86	1000	1225	447	1.8	7800
YRKK630-6	1000	71	95.2	0.85	1000	1226	503	1.8	8100
YRKK630-6	1120	79	95.3	0.86	1000	1364	505	1.8	8350
YRKK630-6	1250	88	95.4	0.83	1000	1535	498	1.8	8600
YRKK450-8	220	18	93.0	0.69	750	629	216	1.8	3850
YRKK450-8	250	20	93.1	0.69	750	629	245	1.8	4100
YRKK500-8	280	22	93.4	0.78	750	573	305	1.8	4750
YRKK500-8	315	25	93.6	0.78	750	632	312	1.8	5050

YRKK (10KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	μ (%)	Cos ø	(r/min)	(V)	(A)	Mmax/Mn	kg
YRKK500-8	355	27	93.7	0.78	750	704	315	1.8	5350
YRKK500-8	400	30	93.7	0.81	750	705	353	1.8	5800
YRKK500-8	450	34	93.7	0.80	750	790	354	1.8	5950
YRKK560-8	500	38	93.9	0.80	750	843	370	1.8	6350
YRKK560-8	560	43	94.0	0.80	750	905	388	1.8	7050
YRKK560-8	630	48	94.1	0.81	750	974	405	1.8	7520
YRKK560-8	710	53	94.2	0.82	750	975	456	1.8	8100
YRKK630-8	800	60	94.3	0.81	750	1102	451	1.8	9100
YRKK630-8	900	66	94.4	0.82	750	1148	490	1.8	9650
YRKK630-8	1000	73	94.4	0.81	750	1264	494	1.8	10050
YRKK630-8	1120	81	94.5	0.81	750	1264	553	1.8	10560
YRKK500-10	220	19	91.8	0.75	600	737	187	1.8	5800
YRKK500-10	250	21	91.9	0.76	600	731	215	1.8	6100
YRKK500-10	280	23	92.1	0.76	600	785	224	1.8	6350
YRKK500-10	315	26	92.2	0.77	600	785	254	1.8	6600
YRKK500-10	355	29	92.4	0.78	600	837	269	1.8	7500
YRKK560-10	400	32	92.6	0.78	600	975	254	1.8	7900
YRKK560-10	450	36	92.8	0.78	600	960	293	1.8	8300
YRKK560-10	500	39	93.1	0.79	600	1041	302	1.8	8650
YRKK560-10	560	44	93.2	0.79	600	1137	308	1.8	9200
YRKK630-10	630	49	93.3	0.79	600	1007	395	1.8	9700
YRKK630-10	710	55	93.4	0.80	600	1092	411	1.8	10000
YRKK630-10	800	61	93.6	0.80	600	1193	424	1.8	10300
YRKK630-10	900	69	93.8	0.80	600	1314	433	1.8	10750
YRKK500-12	220	20	91.5	0.71	375	577	244	1.8	6120
YRKK500-12	250	22	91.6	0.71	375	608	263	1.8	6350
YRKK500-12	280	25	91.6	0.72	375	610	300	1.8	6550
YRKK560-12	315	28	91.7	0.72	375	681	291	1.8	7100
YRKK560-12	355	30	91.8	0.74	375	728	309	1.8	7550
YRKK560-12	400	34	92.1	0.75	375	781	325	1.8	8000
YRKK560-12	450	37	92.2	0.75	375	783	360	1.8	8400
YRKK630-12	500	36	92.3	0.73	375	844	371	1.8	8850
YRKK630-12	560	47	93.2	0.74	375	915	385	1.8	9450
YRKK630-12	630	52	93.1	0.74	375	998	397	1.8	10600

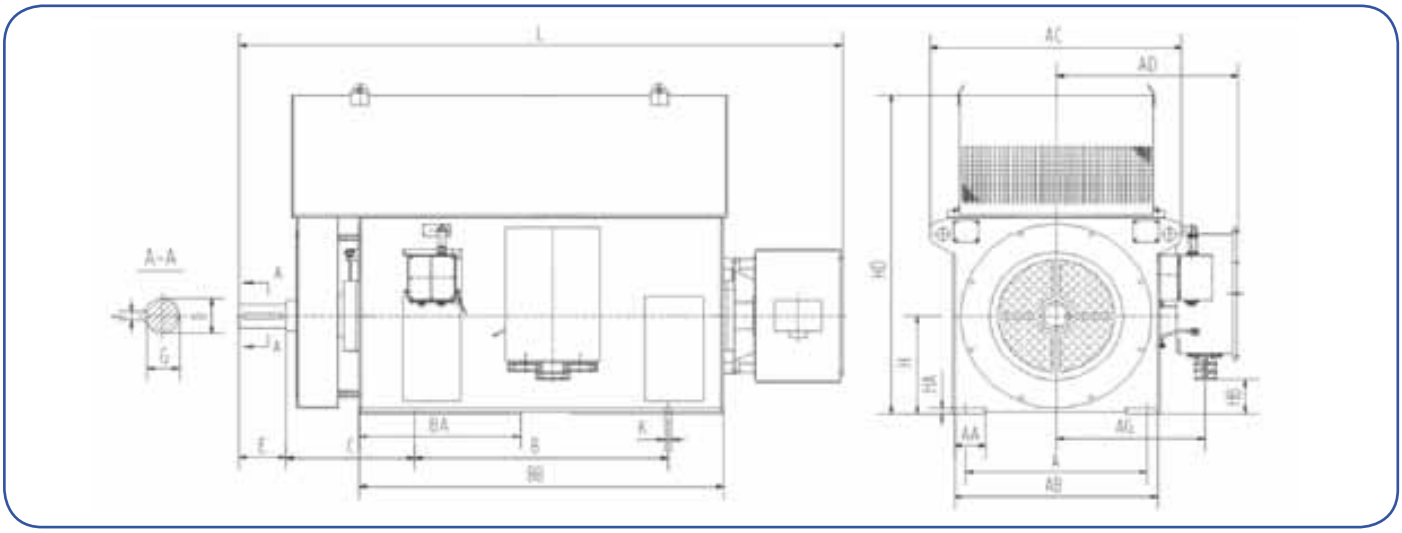
YRKK (10KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	μ (%)	Cos ø	(r/min)	(V)	(A)	Mmax/Mn	kg
YRKK710-4	2000	138	95.5	0.87	1500	1562	780	1.8	13000
YRKK710-4	2240	156	95.5	0.87	1500	1674	815	1.8	13500
YRKK710-4	2500	173	95.6	0.87	1500	1802	846	1.8	14100
YRKK710-4	2800	193	95.7	0.87	1500	1953	84	1.8	14650
YRKK800-4	3150	218	95.7	0.87	1500	1530	1046	1.8	15030
YRKK800-4	3550	244	95.8	0.87	1500	1609	1334	1.8	15540
YRKK800-4	4000	274	95.6	0.87	1500	1787	1353	1.8	16000
YRKK800-4	4500	308	96.0	0.87	1500	2010	1345	1.8	16450
YRKK710-6	1600	122	94.2	0.81	1000	1217	812	1.8	12000
YRKK710-6	1800	136	94.3	0.81	1000	1353	820	1.8	12500
YRKK710-6	2000	151	94.4	0.81	1000	1502	822	1.8	13200
YRKK800-6	2240	167	94.5	0.82	1000	1739	795	1.8	13850
YRKK800-6	2500	187	94.6	0.82	1000	1890	804	1.8	14500
YRKK800-6	2800	209	94.7	0.82	1000	2047	831	1.8	15100
YRKK900-6	3150	234	94.8	0.79	1000	2232	857	1.8	15600
YRKK900-6	3550	264	94.9	0.79	1000	2233	962	1.8	22050
YRKK900-6	4000	297	95.0	0.79	1000	2457	985	1.8	24050
YRKK710-8	1120	88	93.5	0.8	750	1264	553	1.8	10560
YRKK710-8	1250	98	93.6	0.8	750	1156	674	1.8	13000
YRKK710-8	1400	110	93.7	0.8	750	1272	686	1.8	13500
YRKK710-8	1600	125	93.8	0.8	750	1413	706	1.8	14200
YRKK800-8	1800	139	93.9	0.8	750	1266	878	1.8	16200
YRKK800-8	2000	154	94.0	0.8	750	1407	877	1.8	17500
YRKK800-8	2240	172	94.1	0.8	750	1583	873	1.8	19550
YRKK900-8	2500	192	94.2	0.8	750	2650	580	1.8	24200
YRKK900-8	2800	215	94.3	0.8	750	2643	657	1.8	27500
YRKK1000-8	3150	237	94.4	0.81	750	2720	846	1.8	29200
YRKK1000-8	3550	266	94.5	0.81	750	1603	1360	1.8	29890
YRKK1000-8	4000	300	94.6	0.81	750	1605	1526	1.8	30185
YRKK710-10	1000	81	93.1	0.77	600	1145	543	1.8	12250
YRKK710-10	1120	90	93.2	0.77	600	1260	553	1.8	12850
YRKK710-10	1250	101	93.3	0.77	600	1400	555	1.8	13500
YRKK800-10	1400	111	93.5	0.78	600	1573	366	1.8	14200
YRKK800-10	1600	127	93.6	0.78	600	1419	701	1.8	16000
YRKK800-10	1800	143	93.7	0.78	600	1596	702	1.8	17500
YRKK800-10	2000	158	93.7	0.78	600	1824	682	1.8	19250

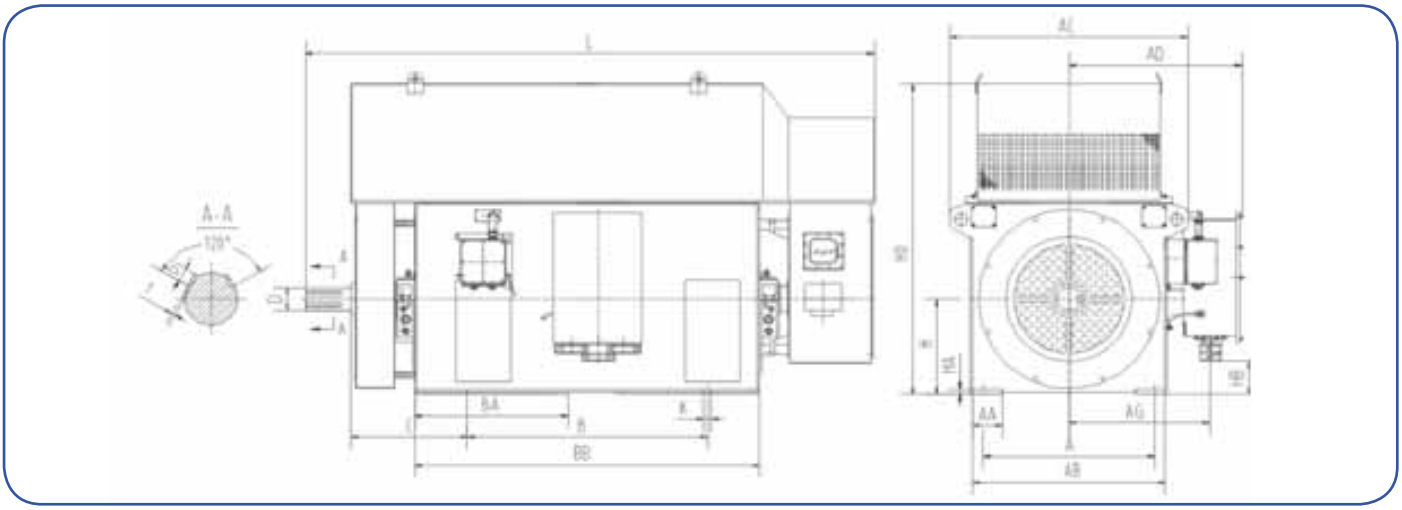
YRKK (10KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	(kW)	(A)	μ (%)	Cos ø	(r/min)	(V)	(A)	Mmax/Mn	kg
YRKK900-10	2240	177	93.8	0.78	600	1957	702	1.8	24000
YRKK1000-10	2500	195	93.8	0.79	600	2120	723	1.8	26500
YRKK1000-10	2800	218	93.9	0.79	600	1779	951	1.8	26980
YRKK710-12	710	62	92.2	0.72	500	823	536	1.8	12400
YRKK710-12	800	70	92.3	0.72	500	905	548	1.8	13200
YRKK710-12	900	79	92.4	0.72	500	1005	556	1.8	13900
YRKK710-12	1000	86	92.5	0.73	500	1150	540	1.8	14500
YRKK800-12	1120	96	92.6	0.73	500	913	764	1.8	16650
YRKK800-12	1250	107	92.7	0.73	500	1050	738	1.8	17500
YRKK800-12	1400	118	92.9	0.74	500	1225	722	1.8	18300
YRKK900-12	1600	135	93.0	0.74	500	1337	525	1.8	21500
YRKK900-12	1800	151	93.1	0.75	500	1486	532	1.8	22700
YRKK900-12	2000	166	93.2	0.75	500	1650	532	1.8	24000
YRKK1000-12	2240	185	93.3	0.75	500	1471	933	1.8	31500
YRKK1000-12	2500	204	93.4	0.76	500	1280	1197	1.8	32895
YRKK1000-12	2800	228	93.5	0.76	500	1423	1203	1.8	33020
YRKK710-16	500	44	92.7	0.71	375	1061	300	1.8	14500
YRKK710-16	560	48	92.8	0.71	375	1156	308	1.8	15200
YRKK710-16	630	54	92.9	0.71	375	1273	315	1.8	15850
YRKK800-16	710	61	93.0	0.71	375	874	508	1.8	16250
YRKK800-16	800	68	93.1	0.72	375	973	515	1.8	17500
YRKK800-16	900	76	93.2	0.72	375	1095	514	1.8	18700
YRKK800-16	1000	84	93.3	0.72	375	1254	498	1.8	19850
YRKK900-16	1120	95	93.5	0.72	375	1410	488	1.8	19850
YRKK900-16	1250	105	93.6	0.73	375	1550	496	1.8	21450
YRKK900-16	1400	117	93.7	0.73	375	1723	500	1.8	22800
YRKK1000-16	1600	132	93.5	0.73	375	1612	610	1.8	31060
YRKK1000-16	1800	136	93.6	0.73	375	1476	754	1.8	32380
YRKK1000-16	2000	151	93.6	0.73	375	1640	752	1.8	33675

YRKK (6KV) - Moteur rotor bobiné / *Wound rotor motor*



Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	G	H	HA	HB	HD	K	L
355-4	630	130	770	970	745	587	900	565	1420	315	100	210	28	91	355	20	55	780	28	1820
450-4~8	710	130	810	1010	760	607	1000	565	1510	335	110	210	28	100	400	25	85	835	35	1940
450-4	800	150	910	1120	810	657	1120	600	1620	355	120	210	32	109	450	25	185	935	35	2080
450-6~12	800	150	910	1120	810	657	1120	600	1620	355	130	250	32	119	450	25	185	935	35	2120
500-4	900	150	1010	1250	860	707	1250	655	1730	475	130	250	32	119	500	25	285	1040	42	2550
500-6~12	900	150	1010	1250	860	707	1250	655	1730	475	140	250	36	128	500	25	285	1040	42	2555



Type	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	E	F	b	r	H	HA	HB	HD	K	L
560-4	1000	170	1130	1350	985	810	1400	690	1880	800	150	250	11.4	39.7	0.7	560	30	115	1160	42	3600
560-6~12	1000	170	1130	1350	985	810	1400	690	1880	800	160	300	12.4	42.8	0.7	560	30	115	1160	42	3600
630-4	1120	190	1260	1530	1050	875	1600	770	2150	900	170	300	12.4	44.2	0.7	630	30	265	1300	48	3900
630-6~12	1120	190	1260	1530	1050	875	1600	770	2150	900	180	300	12.4	45.6	0.7	630	30	265	1300	48	3900

YRKK (10KV) - Moteur rotor bobiné / *Wound rotor motor*

Type	Pôles / *Pole*	A		B		C		D		E		F		G		t		b	b		r		H		AC	AD	HD	L
450	4–8	800	+1.75 −1.75	1120	+1.75 −1.75	335		110	+0.035 −0.013	210		28	0 −0.052	100							450		35		1260	1000	1900	2800
500	4	900		1250		475		120				32	0 −0.062	109	0 −0.2						500		42		1420	1050	2100	3200
	6–12						+4.0 −4.0	130		250				119								0 −1.0		+0.62 0				
560	4	1000	+2.10 −2.10	1400	+2.10 −2.10	500		150	+0.040 −0.015		+0.57 −0.57					11.4	+0.2 0	39.7	0.7	1.0	560		42		1600	1100	2300	3500
	6–12							160										42.8										
630	4	1120		1600		530		170		300	+0.65 −0.65					12.4	+0.3 0	44.2			630		48		1800	1200	2500	3860
	6–12							180										45.6										

Type	A		B		C		D		E		t		b	r		H		K		AC	AD	HD	L
710	1400	±2.8	1800	±2.8	900	±4.2	200	±0.046 ±0.017	350	±0.70	14	0 −0.11	51	0.7	1.0	710	0 −0.15	56	+0.62 0	1840	1240	2700	4200
800	1600		2000		1000		220				16		57.1	1.2	1.6	800				2400	1380	3000	4300
900	1800	±3.5	2240	±3.5	1100		250		410	±0.77	18		64.60			900		66		2680	1530	3250	4800
1000	2000		2500		1200		280	±0.052 ±0.020	470		20	0 −0.13	72.1	2.0	2.5	1000				2700	1570	3650	5400

YL
(6KV - 10 KV)

Puissance / *Power* : 185 kW / 2 800 kW
Nombre pôles / *Poles number* : 4/6/8/10/12
Taille / *Size* : 355 - 630
Type de protection / *Type of protection* :
IP23 ACC. to DIN EN-60034-5
Type de construction / *Type of construction* :
IMV1 ACC to DIN 60034-7
Type de refroidissement / *Type of cooling* :
IC01 ACC to DIN EN 0034-6

YL (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²
YL3551-4	185	22.8	1477	93.1	0.84	1.8	0.8	6.5	5	64.0
YL3552-4	200	24.6	1477	93.2	0.84	1.8	0.8	6.5	5.2	70
YL3553-4	220	26.7	1477	93.3	0.85	1.8	0.8	6.5	5.5	76
YL3554-4	250	30.3	1478	93.4	0.85	1.8	0.8	6.5	5.5	82
YL3555-4	280	33.5	1478	93.5	0.86	1.8	0.8	6.5	6	95
YL3556-4	315	37.7	1478	93.6	0.86	1.8	0.8	6.5	8	106
YL4001-4	355	42.3	1485	93.8	0.86	1.8	0.8	6.5	13	88
YL4002-4	400	47.6	1486	94.0	0.86	1.8	0.8	6.5	14	98
YL4003-4	450	53.5	1485	94.2	0.86	1.8	0.8	6.5	15	108
YL4004-4	500	58.6	1485	94.3	0.87	1.8	0.8	6.5	17	119
YL4005-4	560	65.5	1485	94.5	0.87	1.8	0.8	6.5	18	131
YL4501-4	630	73.5	1485	94.8	0.87	1.8	0.8	6.5	19	145
YL4502-4	710	82.7	1485	95.0	0.87	1.8	0.8	6.5	21	161
YL4503-4	800	93.0	1486	95.1	0.87	1.8	0.8	6.5	22	178
YL4504-4	900	104.6	1487	95.2	0.87	1.8	0.8	6.5	24	197
YL5001-4	1000	116.1	1485	95.3	0.87	1.8	0.7	6.5	29	214
YL5002-4	1120	128.4	1485	95.4	0.88	1.8	0.7	6.5	31	235
YL5003-4	1250	143.1	1485	95.5	0.88	1.8	0.7	6.5	35	256
YL5004-4	1400	160.1	1484	95.6	0.88	1.8	0.7	6.5	37	280
YL5601-4	1600	180.8	1488	95.7	0.89	1.8	0.6	6.5	57	310
YL5602-4	1800	203.1	1488	95.8	0.89	1.8	0.6	6.5	61	340
YL5603-4	2000	225.5	1488	95.9	0.89	1.8	0.6	6.5	66	367
YL6301-4	2240	252.3	1488	96.0	0.89	1.8	0.6	6.5	107	397
YL6302-4	2500	281.3	1488	96.1	0.89	1.8	0.6	6.5	113	427
YL6303-4	2800	314.7	1488	96.2	0.89	1.8	0.6	6.5	128	462
YL3553-6	185	23.7	987	92.6	0.81	1.8	0.8	6.0	10	167
YL3554-6	200	25.6	987	92.8	0.81	1.8	0.8	6.0	10	187
YL3555-6	220	27.8	987	93.0	0.82	1.8	0.8	6.0	11	209
YL3556-6	250	31.4	987	93.3	0.82	1.8	0.8	6.0	11	234
YL4003-6	280	34.7	988	93.5	0.83	1.8	0.8	6.0	18	259
YL4004-6	315	39.0	988	93.7	0.83	1.8	0.8	6.0	19	288
YL4003-6	355	43.8	988	93.9	0.83	1.8	0.8	6.0	20	321
YL4004-6	400	49.3	988	94.0	0.83	1.8	0.8	6.0	21	358
YL4501-6	450	54.7	988	94.3	0.84	1.8	0.8	6.0	28	397
YL4502-6	500	59.9	988	94.5	0.85	1.8	0.8	6.0	30	436
YL4503-6	560	66.9	988	94.7	0.85	1.8	0.8	6.0	31	482

YL (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2
YL4504-6	630	75.2	989	94.8	0.85	1.8	0.8	6.0	33	535
YL5001-6	710	84.6	990	95.0	0.85	1.8	0.7	6.0	43	595
YL5002-6	800	95.3	989	95.1	0.85	1.8	0.7	6.0	44	660
YL5003-6	900	107.0	989	95.2	0.85	1.8	0.7	6.0	50	730
YL5004-6	1000	118.8	989	95.3	0.85	1.8	0.7	6.0	52	709
YL5601-6	1120	131.4	990	95.4	0.86	1.8	0.7	6.5	69	731
YL5602-6	1250	146.5	990	95.5	0.86	1.8	0.7	6.5	77	790
YL5603-6	1400	163.9	990	95.6	0.86	1.8	0.7	6.5	82	868
YL6301-6	1600	187.1	991	95.7	0.86	1.8	0.7	6.5	125	935
YL6302-6	1800	210.2	991	95.8	0.86	1.8	0.7	6.5	134	1038
YL6303-6	2000	233.3	991	95.9	0.86	1.8	0.7	6.5	143	1129
YL4001-8	185	25.0	741	92.6	0.77	1.8	0.8	5.5	18	382
YL4002-8	200	26.6	741	92.8	0.78	1.8	0.8	5.5	20	401
YL4003-8	220	29.2	741	92.9	0.78	1.8	0.8	5.5	22	421
YL4004-8	250	32.7	741	93.0	0.79	1.8	0.8	5.5	23	474
YL4005-8	280	36.6	741	93.2	0.79	1.8	0.8	5.5	24	526
YL4501-8	315	40.6	742	93.4	0.80	1.8	0.8	5.5	30	585
YL4502-8	355	45.7	742	93.5	0.80	1.8	0.8	5.5	32	652
YL4503-8	400	51.3	742	93.7	0.80	1.8	0.8	5.5	34	727
YL4504-8	450	57.0	742	93.8	0.81	1.8	0.8	5.5	37	809
YL5001-8	500	63.0	742	94.3	0.81	1.8	0.8	5.5	47	889
YL5002-8	560	69.6	742	94.4	0.82	1.8	0.8	5.5	50	983
YL5003-8	630	78.2	743	94.5	0.82	1.8	0.8	5.5	55	1095
YL5004-8	710	88.1	744	94.6	0.82	1.8	0.8	5.5	58	1215
YL5601-8	800	96.8	743	94.7	0.84	1.8	0.7	6.0	88	1352
YL5602-8	900	108.8	743	94.8	0.84	1.8	0.7	6.0	97	1501
YL5603-8	1000	120.7	743	94.9	0.84	1.8	0.7	6.0	103	1601
YL6301-8	1120	135.1	744	95.0	0.84	1.8	0.7	6.0	136	1808
YL6302-8	1250	150.6	744	95.1	0.84	1.8	0.7	6.0	143	1987
YL6303-8	1400	168.5	744	95.2	0.84	1.8	0.7	6.0	156	2196
YL6304-8	1600	192.3	744	95.3	0.84	1.8	0.7	6.0	167	2455
YL4004-10	185	25.9	593	91.7	0.75	1.8	0.8	5.5	28	572
YL4005-10	200	27.9	593	91.9	0.75	1.8	0.8	5.5	29	644
YL4501-10	220	29.9	592	92.1	0.77	1.8	0.8	5.5	30	725
YL4502-10	250	33.4	592	92.3	0.78	1.8	0.8	5.5	31	816
YL4503-10	280	37.3	592	92.5	0.78	1.8	0.8	5.5	33	906
YL4504-10	315	41.4	592	92.6	0.79	1.8	0.8	5.5	35	1007
YL4505-10	355	46.6	592	92.8	0.79	1.8	0.8	5.5	39	1126
YL5001-10	400	51.6	592	93.3	0.80	1.8	0.8	5.5	55	1255
YL5002-10	450	58.0	593	93.4	0.80	1.8	0.8	5.5	57	1395
YL5003-10	500	64.3	594	93.6	0.80	1.8	0.8	5.5	64	1534

YL (6KV - 10 KV)

YL (6KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²
YL5004-10	560	71.9	594	93.7	0.80	1.8	0.8	5.5	69	1896
YL5005-10	630	80.8	595	93.8	0.80	1.8	0.8	5.5	73	1902
YL5601-10	710	88.6	593	94.0	0.82	1.8	0.7	6.0	107	2110
YL5602-10	800	99.7	593	94.2	0.82	1.8	0.7	6.0	113	2340
YL5603-10	900	112.0	593	94.3	0.82	1.8	0.7	6.0	123	2598
YL6301-10	1000	124.3	594	94.4	0.82	1.8	0.7	6.0	152	2856
YL6302-10	1120	138.9	594	94.6	0.82	1.8	0.7	6.0	162	3155
YL6303-10	1250	154.7	594	94.8	0.82	1.8	0.7	6.0	177	3473
YL6304-10	1400	173.1	594	94.9	0.82	1.8	0.7	6.0	194	3832
YL4502-12	185	27.2	494	90.9	0.72	1.8	0.8	5.5	38	938
YL4503-12	200	29.3	494	91.1	0.72	1.8	0.8	5.5	40	1028
YL4504-12	220	31.7	494	91.4	0.73	1.8	0.8	5.5	42	1127
YL4505-12	250	35.9	494	91.7	0.73	1.8	0.8	5.5	44	1236
YL5001-12	280	39.3	493	92.7	0.74	1.8	0.8	5.5	52	1416
YL5002-12	315	43.6	493	92.8	0.75	1.8	0.8	5.5	56	1575
YL5003-12	355	49.0	494	93.0	0.75	1.8	0.8	5.5	61	1755
YL5004-12	400	55.0	494	93.3	0.75	1.8	0.8	5.5	66	1964
YL5005-12	450	61.8	495	93.4	0.75	1.8	0.8	5.5	74	2184
YL5601-12	500	65.0	495	93.7	0.79	1.8	0.7	6.0	104	2400
YL5602-12	560	72.7	495	93.8	0.79	1.8	0.7	6.0	116	2660
YL5603-12	630	81.7	495	93.9	0.79	1.8	0.7	6.0	122	2960
YL6301-12	710	92.0	495	94.0	0.79	1.8	0.7	6.0	174	3295
YL6302-12	800	103.4	495	94.2	0.79	1.8	0.7	6.0	186	3673
YL6303-12	900	116.2	495	94.3	0.79	1.8	0.7	6.0	204	4080
YL6304-12	1000	129.0	495	94.4	0.79	1.8	0.7	6.0	218	4530

(10KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²
Y4505-2	355	25.1	2976	93.8	0.87	1.8	0.6	7	6.05	11.4
Y4506-2	400	28.2	2978	94.1	0.87	1.8	0.6	7	12.1	16
Y4507-2	450	31.7	2976	94.3	0.87	1.8	0.6	7	12.1	18.7
Y4508-2	500	35.2	2977	94.4	0.87	1.8	0.6	7	12.65	19.0
Y4509-2	560	39.3	2977	94.5	0.87	1.8	0.6	7	13.2	19.8
Y45010-2	630	44.2	2989	94.6	0.87	1.8	0.6	7	20.9	20.2
Y5001-2	710	49.2	2989	94.7	0.88	1.8	0.6	7	22	21
Y5002-2	800	55.4	2987	94.8	0.88	1.8	0.6	7	23.1	22.9
Y5003-2	900	62.2	2987	94.9	0.88	1.8	0.6	7	24.2	24.3

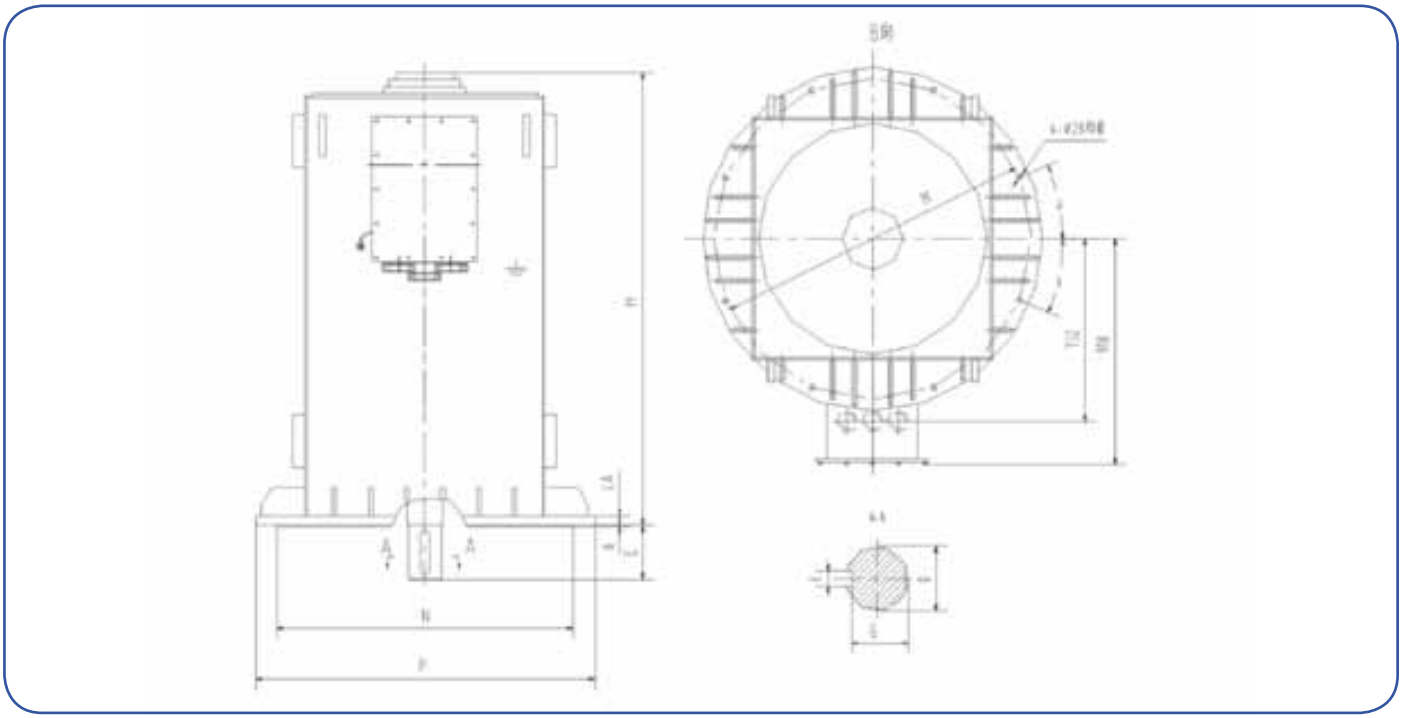
YL (10 KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m²	kg.m²
Y5004-2	1000	69.1	2985	95	0.88	1.8	0.6	7	31.9	25.1
Y5005-2	1120	77.2	2986	95.2	0.88	1.8	0.6	7	34.1	27.9
Y5601-2	1250	85.0	2986	95.4	0.89	1.8	0.6	7	37.4	32.6
Y5602-2	1400	95.1	2988	95.5	0.89	1.8	0.6	7	39.6	35.4
Y5603-2	1600	108.6	2985	95.6	0.89	1.8	0.6	7	45.1	50.9
Y6301-2	1800	120.7	2987	95.7	0.9	1.8	0.6	7	50.6	54.4
Y6302-2	2000	134.0	2985	95.8	0.9	1.8	0.6	7	53.9	61.1
Y6303-2	2240	149.7	2987	96	0.9	1.8	0.6	7	57.2	67.8
Y4505-4	355	25.5	1486	93.3	0.86	1.8	0.7	7	16.5	88.5
Y4506-4	400	28.7	1487	93.5	0.86	1.8	0.7	7	16.5	93.5
Y4507-4	450	32.2	1485	93.9	0.86	1.8	0.7	7	17.6	103.4
Y4508-4	500	35.7	1486	94	0.86	1.8	0.7	7	18.7	104.3
Y4509-4	560	39.9	1489	94.2	0.86	1.8	0.7	7	27.5	117.5
Y45010-4	630	44.8	1490	94.4	0.86	1.8	0.7	7	27.5	131.5
Y5001-4	710	49.6	1490	95	0.87	1.8	0.7	7	30.8	139.2
Y5002-4	800	55.8	1489	95.1	0.87	1.8	0.7	7	30.8	149.2
Y5003-4	900	62.0	1489	95.2	0.88	1.8	0.7	7	33	172
Y5004-4	1000	68.8	1489	95.3	0.88	1.8	0.7	7	47.3	185.7
Y5005-4	1120	77.0	1490	95.4	0.88	1.8	0.7	7	50.6	210.4
Y5601-4	1250	84.9	1489	95.5	0.89	1.8	0.7	7	50.6	250.4
Y5602-4	1400	94.9	1490	95.7	0.89	1.8	0.7	7	59.4	279.6
Y5603-4	1600	108.3	1493	95.8	0.89	1.8	0.7	7	97.9	331.1
Y6301-4	1800	121.8	1492	95.9	0.89	1.8	0.6	7	97.9	376.1
Y6302-4	2000	135.2	1493	96	0.89	1.8	0.6	7	103.4	420.6
Y6303-4	2240	151.2	1493	96.1	0.89	1.8	0.6	7	114.4	449.6
Y4503-6	315	23.9	991	92.8	0.82	1.8	0.7	6	24.2	236.8
Y4504-6	355	26.5	991	93.1	0.83	1.8	0.7	6	37.4	241.6
Y4505-6	400	29.8	991	93.3	0.83	1.8	0.7	6	40.7	276.3
Y4506-6	450	33.5	992	93.5	0.83	1.8	0.7	6	44	325
Y5001-6	500	37.0	990	93.9	0.83	1.8	0.7	6	44	295
Y5002-6	560	40.9	991	94.1	0.84	1.8	0.7	6	47.3	326.7
Y5003-6	630	45.9	991	94.4	0.84	1.8	0.7	6	50.6	370.4
Y5004-6	710	51.6	993	94.6	0.84	1.8	0.7	6	64.9	414.1
Y5005-6	800	58.4	993	94.7	0.84	1.8	0.7	6	75.9	453.1
Y5601-6	900	64.4	994	94.9	0.85	1.8	0.7	6	80.3	492.7
Y5602-6	1000	71.4	993	95.1	0.85	1.8	0.7	6	80.3	532.7
Y5603-6	1120	79.8	995	95.3	0.85	1.8	0.7	6	113.3	570.7
Y5604-6	1250	88.0	995	95.4	0.86	1.8	0.7	6	124.3	610.7
Y6301-6	1400	98.2	995	95.7	0.86	1.8	0.6	6	133.1	680.9
Y6302-6	1600	112.1	995	95.8	0.86	1.8	0.6	6	147.4	967.6
Y6303-6	1800	126.0	995	95.9	0.86	1.8	0.6	6	154.6	1085.9

YL (10 KV)

Type	(kW)	(A)	(r/min)	μ (%)	Cos ø	Mmax/Mn	Mst/Mn	Ist/In	kg.m^2	kg.m^2
Y5001-8	315	25.5	739	92.8	0.77	1.8	0.7	6	47.3	411.7
Y5002-8	355	28.6	739	93.1	0.77	1.8	0.7	6	49.5	440.5
Y5003-8	400	31.8	738	93.2	0.78	1.8	0.7	6	49.5	475.5
Y5004-8	450	35.7	738	93.4	0.78	1.8	0.7	6	55	505
Y5005-8	500	39.0	739	93.8	0.79	1.8	0.7	6	58.3	534.7
Y5006-8	560	43.6	744	93.9	0.79	1.8	0.7	6	85.8	552.2
Y5601-8	630	47	743	94.4	0.82	1.8	0.7	6	91.3	611.7
Y5602-8	710	52.8	743	94.6	0.82	1.8	0.7	6	99	701
Y5603-8	800	59.5	744	94.7	0.82	1.8	0.7	6	99	791
Y5604-8	900	66.8	744	94.8	0.82	1.8	0.7	6	141.9	856.1
Y6301-8	1000	73.2	744	95	0.83	1.8	0.7	6	155.1	960.9
Y6302-8	1120	81.8	744	95.2	0.83	1.8	0.7	6	177.1	1063.9
Y6303-8	1250	91.2	745	95.3	0.83	1.8	0.7	6	192.5	1192.5
Y5003-10	280	23.6	590	92.4	0.74	1.8	0.7	5.5	53.9	993.1
Y5004-10	315	26.5	590	92.6	0.74	1.8	0.7	5.5	57.2	1134.8
Y5005-10	355	29.4	590	92.8	0.75	1.8	0.7	5.5	57.2	1224.8
Y5006-10	400	33.1	590	93	0.75	1.8	0.7	5.5	63.8	1284.2
Y5601-10	450	36.2	590	93.2	0.77	1.8	0.7	6	67.1	1333.9
Y5602-10	500	40.1	593	93.4	0.77	1.8	0.7	6	107.8	1360.2
Y5603-10	560	44.3	592	93.5	0.78	1.8	0.7	6	107.8	1410.2
Y5604-10	630	49.8	593	93.7	0.78	1.8	0.7	6	117.7	1499.3
Y5605-10	710	56	593	93.9	0.78	1.8	0.7	6	130.9	1658.1
Y6301-10	800	61.2	594	94.3	0.8	1.8	0.7	6	184.8	2063.2
Y6302-10	900	68.7	593	94.5	0.8	1.8	0.7	6	194.7	2362.3
Y6303-10	1000	76.3	593	94.6	0.8	1.8	0.7	6	212.3	2420.7
Y6304-10	1120	85.4	593	94.7	0.8	1.8	0.7	6	224.4	2389.6
Y5601-12	315	27.0	494	92.3	0.73	1.8	0.7	6	104.5	1000.5
Y5602-12	355	30.4	494	92.5	0.73	1.8	0.7	6	114.4	1179.6
Y5603-12	400	34.1	494	92.7	0.73	1.8	0.7	6	121	1279
Y5604-12	450	38.3	494	92.9	0.73	1.8	0.7	6	133.1	1407.9
Y5605-12	500	42.4	493	93.2	0.73	1.8	0.7	6	133.1	1657.8
Y6301-12	560	46.7	492	93.5	0.74	1.8	0.7	6	183.7	2073.3
Y6302-12	630	52.5	493	93.7	0.74	1.8	0.7	6	201.3	2921.7
Y6303-12	710	59.0	493	93.9	0.74	1.8	0.7	6	215.6	3130.4
Y6304-12	800	66.2	492	94.3	0.74	1.8	0.7	6	227.7	3199.3

YL (6KV - 10 KV)



Type	N	P	LA	E	D	G	F	M	AD		J		K	a	H
									6KV	10KV	6KV	10KV			
355-4-6	1000	1150	38	210	100	90	28	1080	745	807	587	622	8	22.5	1710
400-4-6	1000	1150	38	210	110	100	28	1080	760	822	607	642	8	22.5	1850
450-4	1120	1250	38	210	120	109	32	1180	810	872	657	692	8	22.5	2000
450-6-12	1120	1250	38	250	130	119	32	1180	810	872	657	692	8	22.5	2000
500-4	1250	1400	42	250	130	119	32	1320	860	922	707	742	8	22.5	2100
500-6-12	1250	1400	42	250	140	128	36	1320	922	860	707	742	8	22.5	2100
560-6-12	1400	1600	45	300	160	147	40	1500	1562	1060	814	849	12	0	2350
630-6-12	1600	1800	50	300	180	165	45	1700	1762	1120	884	919	12	0	2470

Panorama des tensions et fréquences réseau utilisées dans le monde / *Panorama of the tensions and frequencies network used in the world*

Pays / *Country*	Voltage (triphasé)	Fréquence / *Frequency*
Açores	400 V	50 Hz
Afghanistan	380 V	50 Hz
Afrique du Sud	400 V	50 Hz
Albanie	400 V	50 Hz
Algérie	400 V	50 Hz
Allemagne	400 V	50 Hz
Andorre	400 V	50 Hz
Anguilla	120/208 V / 127/220 V / 240/415 V	60 Hz
Angola	380 V	50 Hz
Anguilla	400 V	60 Hz
Antilles néerlandaises	220 V / 380 V	50 Hz
Arabie Saoudite	220 V / 380 V	50 Hz / 60 Hz
Argentine	380 V	50 Hz
Arménie	380 V	50 Hz
Aruba	220 V	60 Hz
Australie	415 V	50 Hz
Autriche	400 V	50 Hz
Azerbaïdjan	380 V	50 Hz
Bahamas	208 V	60 Hz
Bahreïn	400 V	50 Hz
Bangladesh	380 V	50 Hz
Barbade	200 V	50 Hz
Belgique	400 V	50 Hz
Belize	190 V / 380 V	60 Hz
Bénin	380 V	50 Hz
Bermudes	208 V	60 Hz
Bhoutan	400 V	50 Hz
Biélorussie	380 V	50 Hz
Bolivie	400 V	50 Hz
Bosnie-Herzégovine	400 V	50 Hz
Botswana	400 V	50 Hz
Brésil	220 V / 380 V*	60 Hz
Brunei	415 V	50 Hz
Bulgarie	400 V	50 Hz
Burkina	380 V	50 Hz
Burundi	380 V	50 Hz
Cambodge	400 V	50 Hz

Panorama des tensions et fréquences réseau utilisées dans le monde / *Panorama of the tensions and frequencies network used in the world*

Cameroun	380 V	50 Hz
Canada	120/208 V / 240 V / 480 V / 347/600 V	60 Hz
Cap-Vert	400 V	50 Hz
Chili	380 V	50 Hz
Chine	380 V	50 Hz
Chypre	400 V	50 Hz
Colombie	220 V / 440 V	60 Hz
Comores	380 V	50 Hz
Congo (Brazzaville)	400 V	50 Hz
Congo (Kinshasa)	380 V	50 Hz
Corée du Nord	220 V / 380 V	60 Hz
Corée du Sud	380 V	60 Hz
Costa Rica	240 V	60 Hz
Côte d'Ivoire	380 V	50 Hz
Croatie	400 V	50 Hz
Cuba	190 V	60 Hz
Danemark	400 V	50 Hz
Djibouti	380 V	50 Hz
Dominique	400 V	50 Hz
Égypte	380 V	50 Hz
Émirats arabes unis	415 V	50 Hz
Équateur	208 V	60 Hz
Érythrée	400 V	50 Hz
Espagne	400 V	50 Hz
Estonie	400 V	50 Hz
États-Unis d'Amérique	120/208 V / 277/480 V / 120/240 V / 240 V / 480 V	60 Hz
Éthiopie	380 V	50 Hz
Fidji	415 V	50 Hz
Finlande	400 V	50 Hz
France	400 V	50 Hz
Gabon	380 V	50 Hz
Gambie	400 V	50 Hz
Gaza (la bande de Gaza)	400 V	50 Hz
Géorgie	380 V	50 Hz
Ghana	400 V	50 Hz
Gibraltar	400 V	50 Hz
Grèce	400 V	50 Hz
Grenade (îles du Vent)	400 V	50 Hz
Groenland	400 V	50 Hz
Guadeloupe	400 V	50 Hz
Guam	190 V	60 Hz
Guatemala	208 V	60 Hz

Panorama des tensions et fréquences réseau utilisées dans le monde / *Panorama of the tensions and frequencies network used in the world*

Guinée	380 V	50 Hz
Guinée-Bissau	380 V	50 Hz
Guyana	190 V	60 Hz
Guyane	380 V	50 Hz
Haïti	190 V	60 Hz
Honduras	190 V	60 Hz
Hong Kong	380 V	50 Hz
Hongrie	400 V	50 Hz
Île de Man	400 V	50 Hz
Îles Anglo-Normandes (Guernesey & Jersey)	400 V	50 Hz
Îles Baléares	400 V	50 Hz
Îles Caïmans	240 V	60 Hz
Îles Canaries	400 V	50 Hz
Îles Cook	415 V	50 Hz
Îles Féroé	400 V	50 Hz
Îles Malouines	415 V	50 Hz
Îles Turques-et-Caïques	240 V	60 Hz
Îles Vierges	190 V	60 Hz
Inde	400 V	50 Hz
Indonésie	400 V	50 Hz
Irak	400 V	50 Hz
Iran	400 V	50 Hz
Irlande	400 V	50 Hz
Islande	400 V	50 Hz
Israël	400 V	50 Hz
Italie	400 V	50 Hz
Jamaïque	190 V	50 Hz
Japon	200 V	50 Hz / 60 Hz
Jordanie	400 V	50 Hz
Kazakhstan	380 V	50 Hz
Kenya	415 V	50 Hz
Kirghizstan	380 V	50 Hz
Kosovo	230 V / 380 V	50 Hz
Koweït	415 V	50 Hz
Laos	400 V	50 Hz
Lesotho	380 V	50 Hz
Lettonie	400 V	50 Hz
Liban	400 V	50 Hz
Libéria	208 V	60 Hz
Libye	220 V / 400 V	50 Hz
Liechtenstein	400 V	50 Hz
Lituanie	400 V	50 Hz

Panorama des tensions et fréquences réseau utilisées dans le monde / *Panorama of the tensions and frequencies network used in the world*

Luxembourg	400 V	50 Hz
Macao	380 V	50 Hz
Macédoine	400 V	50 Hz
Madagascar	220 V / 380 V	50 Hz
Madeira	400 V	50 Hz
Malaisie	415 V	50 Hz
Malawi	400 V	50 Hz
Maldives	400 V	50 Hz
Mali	380 V	50 Hz
Malte	400 V	50 Hz
Maroc	380 V	50 Hz
Martinique	380 V	50 Hz
Maurice	400 V	50 Hz
Mauritanie	220 V	50 Hz
Mexique	220 V / 480 V	60 Hz
Moldavie	380 V	50 Hz
Monaco	400 V	50 Hz
Mongolie	400 V	50 Hz
Monténégro	400 V	50 Hz
Montserrat (îles Leeward)	400 V	60 Hz
Mozambique	380 V	50 Hz
Myanmar *(autrefois Birmanie)*	400 V	50 Hz
Namibie	380 V	50 Hz
Nauru	415 V	50 Hz
Népal	400 V	50 Hz
Nicaragua	208 V	60 Hz
Niger	380 V	50 Hz
Nigéria	400 V	50 Hz
Norvège	230 V / 400 V	50 Hz
Nouvelle-Calédonie	380 V	50 Hz
Nouvelle-Zélande	400 V	50 Hz
Oman	415 V	50 Hz
Ouganda	415 V	50 Hz
Ouzbékistan	380 V	50 Hz
Pakistan	400 V	50 Hz
Palau	208 V	60 Hz
Panama	240 V	60 Hz
Papouasie-Nouvelle-Guinée	415 V	50 Hz
Paraguay	380 V	50 Hz
Pays-Bas	400 V	50 Hz
Pérou	220 V	60 Hz
Philippines	380 V	60 Hz
Pologne	400 V	50 Hz
Portugal	400 V	50 Hz

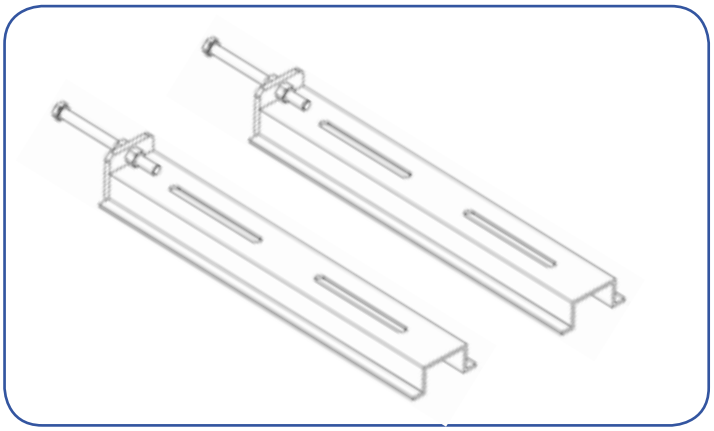
Panorama des tensions et fréquences réseau utilisées dans le monde / *Panorama of the tensions and frequencies network used in the world*

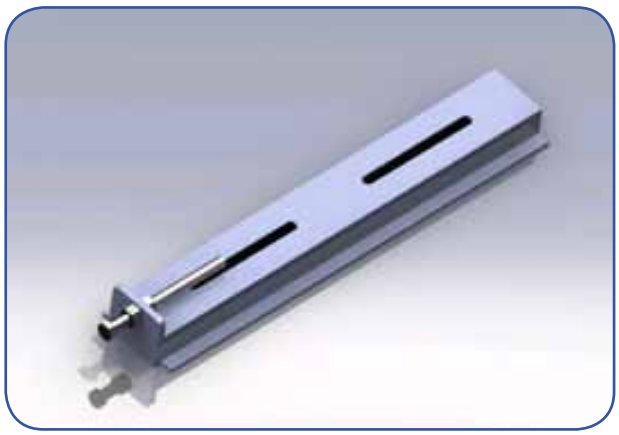
Puerto Rico	208 V	60 Hz
Qatar	415 V	50 Hz
République centrafricaine	380 V	50 Hz
République dominicaine	120/208 V / 277/480 V	60 Hz
République tchèque	400 V	50 Hz
Réunion	400 V	50 Hz
Roumanie	400 V	50 Hz
Royaume-Uni	400 V	50 Hz
Russie	400 V	50 Hz
Rwanda	400 V	50 Hz
Sainte-Lucie	400 V	50 Hz
Saint-Kitts-et-Nevis	400 V	60 Hz
Saint-Marin	400 V	50 Hz
Saint-Vincent-et-les-Grenadines	400 V	50 Hz
Salvador	200 V	60 Hz
Samoa	400 V	50 Hz
Samoa américaines	208 V	60 Hz
Sao Tomé-et-Principe	380 V	60 Hz
Sénégal	400 V	50 Hz
Serbie	400 V	50 Hz
Seychelles	240 V	50 Hz
Sierra Leone	400 V	50 Hz
Singapour	400 V	50 Hz
Slovaquie	400 V	50 Hz
Slovénie	400 V	50 Hz
Somalie	380 V	50 Hz
Soudan	400 V	50 Hz
Soudan du Sud	400 V	50 Hz
Sri Lanka	400 V	50 Hz
Suède	400 V	50 Hz
Suisse	400 V	50 Hz
Surinam	220 V	60 Hz
Swaziland	400 V	50 Hz
Syrie	380 V	50 Hz
Tadjikistan	380 V	50 Hz
Tahiti	380 V	50 Hz / 60 Hz
Taïwan	220 V	60 Hz
Tanzanie	400 V	50 Hz
Tchad	380 V	50 Hz
Thaïlande	400 V	50 Hz
Timor oriental	380 V	50 Hz
Togo	380 V	50 Hz
Tonga	415 V	50 Hz
Trinité-et-Tobago	200 V	60 Hz

Panorama des tensions et fréquences réseau utilisées dans le monde / *Panorama of the tensions and frequencies network used in the world*

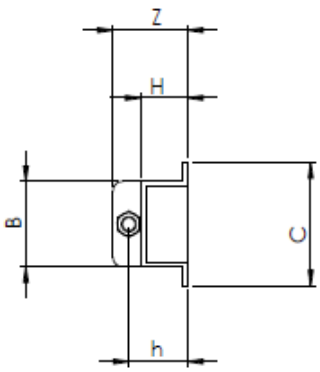
Tunisie	400 V	50 Hz
Turkménistan	380 V	50 Hz
Turquie	400 V	50 Hz
Ukraine	380 V	50 Hz
Uruguay	220 V	50 Hz
Vénézuéla	240 V	60 Hz
Viêtnam	380 V	50 Hz
Yémen	400 V	50 Hz
Zambie	400 V	50 Hz
Zimbabwe	415 V	50 Hz

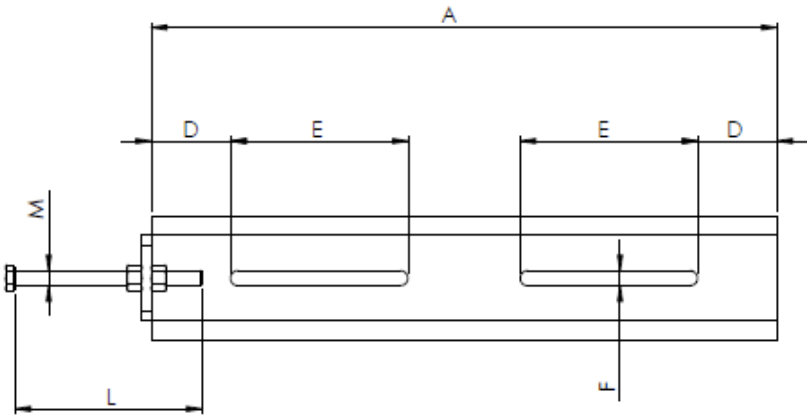
Glissières pour moteurs / *Slide rails for motors*





Hauteur d'axe Motor size	A	B	C	D	E	F	G	H	M x L	Ep
100-132	430	48	-	60	120	12	40	47	12 x 140	3
160-225	670	90	130	85	190	16	50	63	16 x 200	5
250-315	900	120	185	100	240	22	75	90	20 x 240	6





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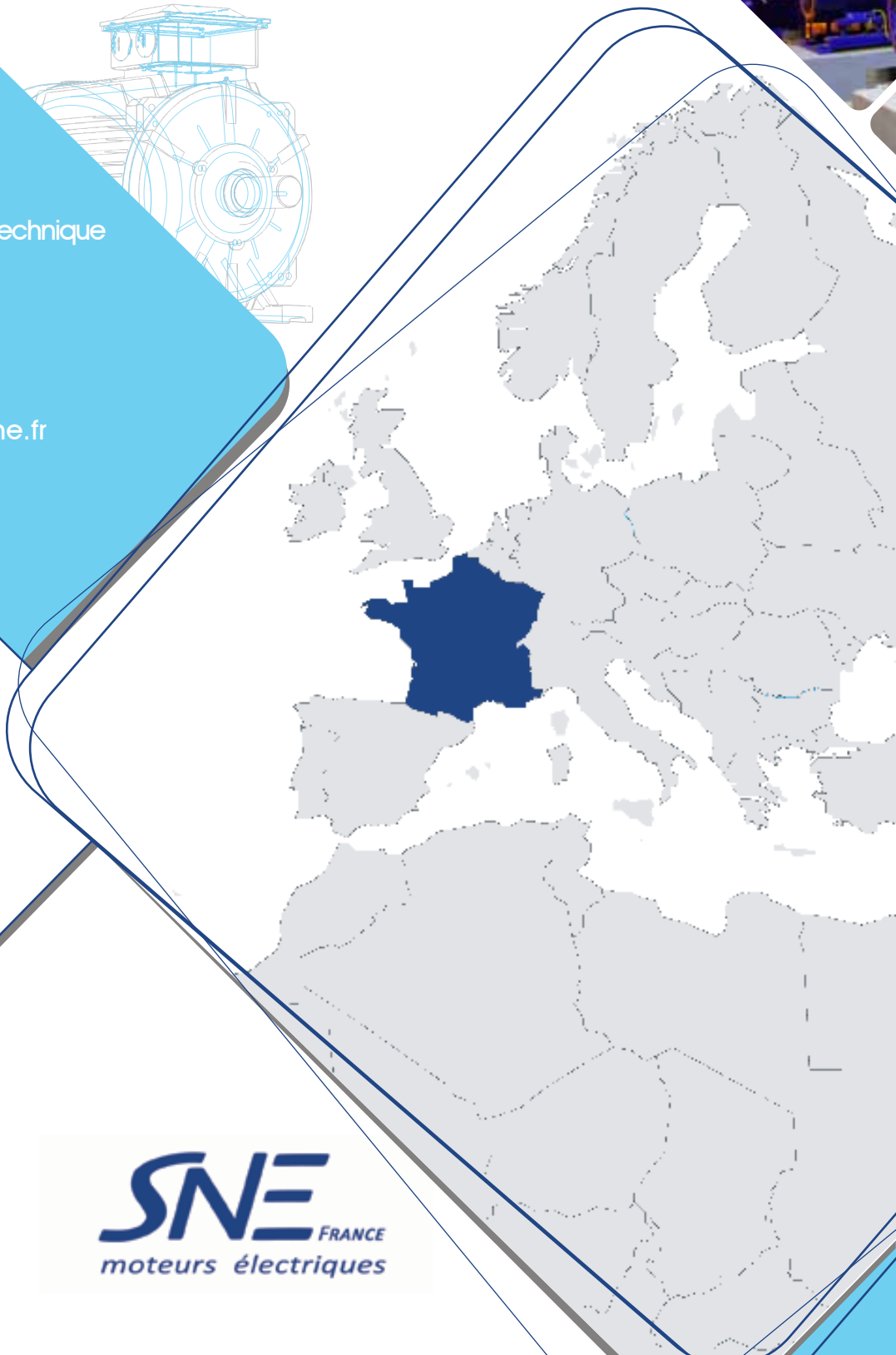

SNE FRANCE
moteurs électriques