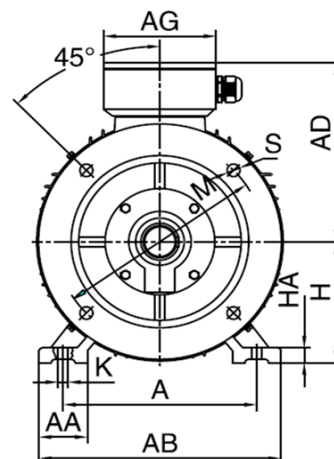
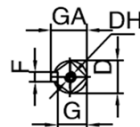
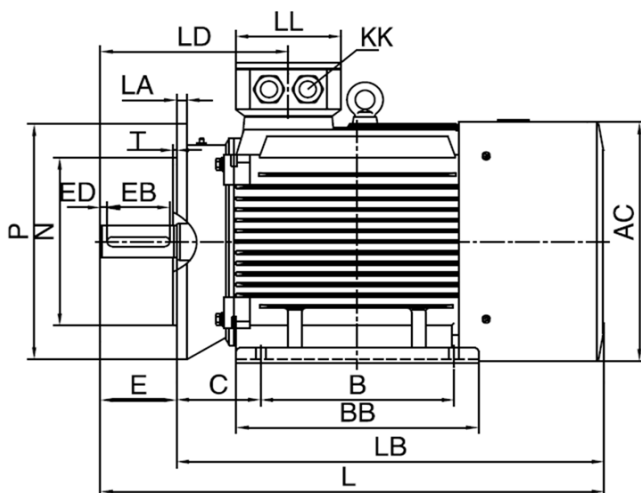




Motortype **FCMP 200L - 4 / HE**
High Efficiency

IM B35 / IM 2001



TYP	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LA	LB	LD	LL	M	N	P	S	T
200L	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	5	16	49	59	200	25	4-Ø16,5	2-M50X1,5	779	17	669	296	190	350	300	400	18,5	5

Electrical datas

Rated motor power	30,0 / 36,0	KW 50 / 60 Hz
Rated motor speed	1470	min-1 / 50 Hz
	1764	min-1 / 60 Hz
Rated motor voltage	400	V Δ / 50 Hz
(+/- 5%)	690	V Y / 50 Hz
	480	V Δ / 60 Hz
	830	V Y / 60 Hz
Rated motor torque	195	Nm (Mn)
Rated motor current 50Hz	54,5 / 31,6	A (In)
Rated motor current 60Hz	54,5 / 31,5	A (In)
Starting motor current	7,8	x In
Starting motor torque	2,2	x Mn
Breakdown motor tor.	2,3	x Mn
Efficiency	92,3%	by 100 % Load
	92,6%	by 75 % Load
	90,5%	by 50 % Load
IE-class	IE2	
Power factor at	0,86	by 100 % Load

Mechanical datas

Noise level	64,0	dB(A)
Moment of inertia	0,26500	Kgm ²
Bearing A - Site	6312.ZZ.C3	
Bearing B - Site	6312.ZZ.C3	
Bearing lifetime	20000 h	by max Fr + Fx
max. Radialload (Fr)	5420 N	middle of shaft
max. Axialload (Fx)	3500 N	pull force
	3500 N	pressure force
Locating bearing	fixed BS	Standard

Explosion protection

type of protection	Without
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General datas

Frame size	200L
Type of construction	IM B35 / IM 2001
Weight	252,0 kg
Frame material	Cast Iron
Protection	IP 55
Insulation	F utilized to B
Tropical insulation	no
Vibration level	A
Duty type	S1
Direction of rotation	bi-directional
Method of cooling	IC 411
Cable entries	2-M50x1,5
Norm / Standards	IEC / DIN / ISO / VDE / EN
Execute at	IEC 60034 -1
Paintwork	RAL 7030 gray
Warranty	12 month

Site conditions

Ambient temperature	- 20 bis + 40 °C
Altitude above sea level	1000 m over sea

Special configurations

3 PTC Termistor sensors
Isolationssystem certified to
electrical acc. UL No. E 480221
CC number 091B