



Technical Data Sheet

Model MS 100L1-2

Housing material		Aluminum
Phase		Three
Frame size		100
Power(50Hz)	kW	3.00
Current(A)230V	Δ	10.44
Current(A)400V	Y	6.00
Speed(50Hz)	(r/min)	2875
Efficiency	IE1	
	Eff.100%	83.90
	Eff.75%	84.50
	Eff.50%	83.00
Power factor cosφ	100% load	0.86
60Hz 265/460V	Power(kW)	3.45
60Hz 276/480V	Power(kW)	3.60
Speed(60Hz)	(r/min)	3450
Regulations		IEC / DIN / ISO / VDE / EN
Standard		IEC 60034
Ambient Temp.		-20°C ~ +40°C
Maximum altitute		1000 m above sea level

Rated torque(N.m)	9.97
Tst/Tn (Times)	2.8
Tmax/Tn (Times)	3.2
Tmin/Tn (Times)	2
Ist/In (Times)	8.1
Bearings type(DE)	6206-2RZ
Bearings type(NDE)	6206-2RZ
Oil seals	30x44x7
Cable glands	2-M20*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	Without
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	76
Net weight(kg)	20.00
Moment of inertia (kg*m²)	0.003474913



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