



Technical Data Sheet

Model MS 90L1-4

Housing material		Aluminum
Phase		Three
Frame size		90
Power(50Hz)	kW	1.50
Current(A)230V	Δ	6.20
Current(A)400V	Y	3.56
Speed(50Hz)	(r/min)	1410
Efficiency	IE1	
	Eff.100%	79.60
	Eff.75%	80.20
	Eff.50%	78.00
Power factor cosφ	100% load	0.76
60Hz 265/460V	Power(kW)	1.73
60Hz 276/480V	Power(kW)	1.80
Speed(60Hz)	(r/min)	1690
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)	10.16
Tst/Tn (Times)	3.4
Tmax/Tn (Times)	3.3
Tmin/Tn (Times)	2.7
Ist/In (Times)	6.9
Bearings type(DE)	6205-2RZ
Bearings type(NDE)	6205-2RZ
Oil seals	25x37x7
Cable glands	1-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)	61
Net weight(kg)	14.80
Moment of inertia (kg*m²)	0.003151552



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