



Technical Data Sheet

Model **ML90S-4**

Housing material		Aluminum
Phase		Single
Frame size		90
Power	kW	1.10
Current(A)220V	(A)	6.93
Starting Current(A)	(A)	40.0
Speed(50Hz)	(r/min)	1420
Efficiency	Eff.100%	76.0
Power factor cosφ	100% load	0.95
Run Capacitor	μf/V	35μf/450V
Start Capacitor	μf/V	150μf/250V
Cooling		IC 411
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)	7.40
Tst/Tn (Times)	2.50
Tmax/Tn (Times)	1.70
Bearings type(DE)	6205-2RZ
Bearings type(NDE)	6205-2RZ
Oil seals(DE)	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
Noise dB(A)	73
Net weight(kg)	13.80
Moment of inertia (kg*m²)	0.002510347



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