



## Technical Data Sheet

**Model** **ML90L-4**

<b>Housing material</b>		Aluminum
<b>Phase</b>		Single
<b>Frame size</b>		90
<b>Power</b>	kW	1.50
<b>Current(A)220V</b>	(A)	8.95
<b>Starting Current(A)</b>	(A)	55.0
<b>Speed(50Hz)</b>	(r/min)	1420
<b>Efficiency</b>	Eff.100%	78.5
<b>Power factor cosφ</b>	100% load	0.97
<b>Run Capacitor</b>	μf/V	40μf/450V
<b>Start Capacitor</b>	μf/V	200μf/300V
<b>Cooling</b>		IC 411
<b>Regulations</b>		IEC / DIN / ISO / VDE / EN
<b>Standard</b>		IEC 60034
<b>Ambient Temp.</b>		-20°C ~ +40°C
<b>Maximum altitute</b>		1000 m above sea level

<b>Rated torque(N.m)</b>	10.09
<b>Tst/Tn (Times)</b>	2.50
<b>Tmax/Tn (Times)</b>	1.75
<b>Bearings type(DE)</b>	6205-2RZ
<b>Bearings type(NDE)</b>	6205-2RZ
<b>Oil seals(DE)</b>	25x37x7
<b>Cable glands</b>	1-M20*1.5
<b>Insulation class</b>	F
<b>Protection degree</b>	IP 55
<b>Thermal protection</b>	Without
<b>Rotation direction</b>	Clockwise
<b>Service duty</b>	S1
<b>Balance</b>	Half-key balanced
<b>Noise dB(A)</b>	75
<b>Net weight(kg)</b>	16.70
<b>Moment of inertia (kg*m<sup>2</sup>)</b>	0.003252395



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