
CONFIGURATION OVERVIEW

Product code 3GKP091530-ASK

M3KP 90LC 2, 2.2 kW, 2 poles

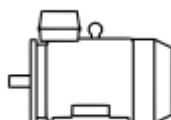
GENERAL

End user country	-	Altitude	1000 m.a.s.l.
MEPS	EU-MEPS	Ambient min / max	-20 °C / 40 °C
MEPS scope	Inside	Ex atmosphere	ATEX & IECEx, Ex db eb IIB T4 Gb, LCIE 19 ATEX 3028 X, IECEx LCIE 19.0038X
Legal marking	CE	Motor design	CENELEC
		Customs tariff number	85015220

MAIN CHARACTERISTICS

Motor type	M3KP 90LC 2
Product code	3GKP091530-ASK
Shaft height	90 mm
Power	2.2 kW
Rated voltage U_N	230 V $\pm$ 5 % (IEC 60034-1)
Rated frequency f_N	50 Hz $\pm$ 2 % (IEC 60034-1)
Number of poles	2

Frame material	Cast Iron
Insulation class	F
Temperature class	-
Mounting	IM2001 IMB35



Enclosure protection class	IP55
Cooling	IC411

VARIANT CODES

009	IM 2001 foot/flange mounted, IEC flange, from IM 1001 (B35 from B3).
400 (std)	4 x 90 degr turnable terminal box.
436 (std)	PTC - thermistors (3 in series), 150 °C, in stator winding

OPERATING POINTS

Power [kW]	Voltage [V]	Connec- tion	Frequency [Hz]	Effic. Class	Efficiency [%]	Nominal Cur- rent [A]	Is/In	Duty	Speed [rpm]	T Rise
2.2	400.0	Y	50.0	IE3	85.9	4.0	9.1	S1	2900	B
2.2	230.0	D	50.0	IE3	85.9	7.0	9.1	S1	2900	B
2.2	380.0	Y	50.0	IE3	85.9	4.0	6.9	S1	2883	B
2.2	220.0	D	50.0	IE3	85.9	7.0	6.9	S1	2883	B
2.2	415.0	Y	50.0	IE3	85.9	4.0	8.4	S1	2908	B
2.2	460.0	Y	60.0	IE3	86.5	4.0	10.6	S1	3513	B

MECHANICAL

Direction of rotation	CW or CCW
Vibration	A
Paint colour	MUNSELL 8B 4.5/3.25
Paint system	C3 - Medium
Bearing, Drive end	Ball Bearing – 6205-2Z/C3
Bearing Non-drive end	Ball Bearing – 6204-2Z/C3
Lubrication style	Greased for life
Main terminal box position	D-End top
Main terminal box turnable	4 x 90 degr
Main terminal cable entry	1xM25x1.5
Fan material	Plastic
Fan cover material	Steel
Sound pressure level	64 LpdBA

ACCESSORIES

No accessories selected.

MONITORING

Winding PTC, PTC 1 per phase 150 degr. C
Vibration sensing, No SPM nipples