
CONFIGURATION OVERVIEW

Product code 3GKP131260-BDK

M3KP 132SMF 2, 5.5 kW, 2 poles

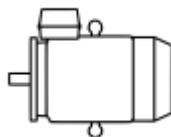
GENERAL

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 IIC T4 Gb, LCIE 19 ATEX 3031 X, IECEx LCIE 19.0042X
Legal marking	CE	Motor design	CENELEC
		Customs tariff number	85015220

MAIN CHARACTERISTICS

Motor type	M3KP 132SMF 2
Product code	3GKP131260-BDK
Shaft height	132 mm
Power	5.5 kW
Rated voltage U_N	400 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	IM3001 IMB5



Enclosure protection class	IP55
Cooling	IC411

VARIANT CODES

400 (std)	4 x 90 degr turnable terminal box.
436 (std)	PTC - thermistors (3 in series), 150 °C, in stator winding
461	Ex d(e) design, Group II C
812 (std)	Explosion protection according to IEC-standards.

OPERATING POINTS

Power [kW]	Voltage [V]	Connec- tion	Frequency [Hz]	Effic. Class	Efficiency [%]	Nominal Cur- rent [A]	Is/In	Duty	Speed [rpm]	T Rise
5.5	690.0	Y	50.0	IE3	89.2	6.0	7.3	S1	2902	B
5.5	400.0	D	50.0	IE3	89.2	10.0	7.3	S1	2902	B
5.5	660.0	Y	50.0	IE3	90.0	6.0	6.5	S1	2889	B
5.5	380.0	D	50.0	IE3	90.0	10.0	6.5	S1	2889	B
5.5	415.0	D	50.0	IE3	90.8	9.0	7.8	S1	2909	B
5.5	460.0	D	60.0	IE3	90.1	8.0	8.3	S1	3512	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 – 6208-2Z/C3
Bearing Non-drive end	Ball Bearing – 6208-2Z/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	2xM32x1.5
Fan material	Plastic
Fan cover material	Steel
Sound pressure level	67 LpdBA

ACCESSORIES

No accessories selected.

MONITORING

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