

CONFIGURATION OVERVIEW

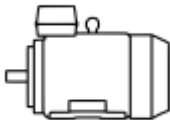
Product code 3GKP102810-ADK
M3KP 100LKA 4,
2.2 kW, 4 poles

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 3029 X, IECEx LCIE 19.0039X
Legal marking	CE	Motor design	CENELEC
		Customs tariff number	85015220

MAIN CHARACTERISTICS

Motor type	M3KP 100LKA 4
Product code	3GKP102810-ADK
Shaft height	100 mm
Power	2.2 kW
Rated voltage U _N	400 V ± 5 % (IEC 60034-1)
Rated frequency f _N	50 Hz ± 2 % (IEC 60034-1)
Number of poles	4
Frame material	Cast Iron
Insulation class	F
Temperature class	-
Mounting	IM2101 IMB34



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
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
2.2	690.0	Y	50.0	IE3	86.7	2.0	8.9	S1	1452	B
2.2	400.0	D	50.0	IE3	86.7	4.0	8.9	S1	1452	B
2.2	660.0	Y	50.0	IE3	86.7	3.0	8.1	S1	1445	B
2.2	380.0	D	50.0	IE3	86.7	4.0	8.1	S1	1445	B
2.2	415.0	D	50.0	IE3	86.7	4.0	9.5	S1	1455	B
2.2	460.0	D	60.0	IE3	89.5	4.0	8.6	S1	1761	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 – 6206-2Z/C3
Bearing Non-drive end	Ball Bearing – 6205-2Z/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	56 LpdBA

ACCESSORIES

No accessories selected.

MONITORING

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