
CONFIGURATION OVERVIEW

Product code 3GHL222233-ASC

M3HL 225SMC 4, 45 kW, 4 poles

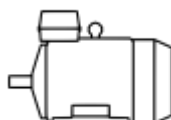
GENERAL

End user country	Poland	Altitude	1000 m.a.s.l.
MEPS	EU-MEPS	Ambient min / max	-20 °C / 40 °C
MEPS scope	Outside	Ex atmosphere	ATEX & IECEx, Ex eb IIC T3 Gb, EESF 23 ATEX 005X, IECEx EESF 23.0004X
Legal marking	CE	Motor design	CENELEC
		Customs tariff number	85015290

MAIN CHARACTERISTICS

Motor type	M3HL 225SMC 4
Product code	3GHL222233-ASC
Shaft height	225 mm
Power	45 kW
Rated voltage U_N	370 V $\pm$ 5 % (IEC 60034-1)
Rated frequency f_N	50 Hz $\pm$ 2 % (IEC 60034-1)
Number of poles	4

Frame material	Cast Iron
Insulation class	F
Temperature class	-
Mounting	IM1001 IMB3



Enclosure protection class	IP55
Cooling	IC411

VARIANT CODES

435 (std) PTC - thermistors (3 in series), 130 °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
45.0	370.0	Y	50.0	IE5	96.3	99.0	0.0	S9	1500	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 – 6313/C3
Bearing Non-drive end	Ball Bearing – 6212/C3
Lubrication style	Regreasable
Main terminal box position	D-End top
Main terminal box turnable	4 x 90 degr
Main terminal cable entry	2xM63x1.5
Fan material	Plastic
Fan cover material	Steel
Sound pressure level	64 LpdBA

ACCESSORIES

No accessories selected.

MONITORING

Winding PTC, PTC 1 per phase 130 degr. C
Vibration sensing, Standard SPM Nipples