

Data sheet

Item no. / Configuration 01 / 3106100-1.50-020101-S-A00828
Description HMA3 100L-6 B5 1.5kW IE3@50 230/400@50 RAL9005

General data	
Standard series	IEC 60034
Type	HMA3 100L-6
Design	230 VD / 400 VY 50 Hz + 280 VD / 480 VY 60 Hz
Direction of rotation	CW
Installation max. altitude (m)	1.000
Poles	6

Motor protection	
Winding temp. detector	No
Temp. detector type	None
Bearing detector	No
Winding PTC main	PTC 3 x 155°C
Winding PTC spare	None
Space heater	None
Terminal board thread	
Electrical insulation	Standard (1350 V @ 0.8 µs)
Tropical insulation	No
SPM	N/A
External grounding	No
Drain hole	Yes
Rain cap	No

Classification	
Class society	
Shaft requirement acc. to	None
Ex. code	No

Mechanical data	
Frame / Shaft height	IEC 100
Type of construction	B5
Cooling method	IC411
Protection class	IP55
Temp. insulation class	F
Frame material	Aluminum
Keyway	Closed
Balancing	Half key
IEC vibration class	A
Weight (kg)	
Bearing (DE)	6206 2Z / C3 / DGBB
Bearing (NDE)	6206 2Z / C3 / DGBB
Fixed bearing	DE
Moment of inertia (kg×m ²)	
Painting (color)	RAL 9005
Corrosion protection	C3L
Main terminal box pos.	DE top
Main cable entries	Blind cap 2xM20x1.5
Main cable direction	Right from DE
Main cable material	Plastic
Aux. cable entries	Blind cap 1xM20x1.5
Aux. cable direction	NDE
Aux. cable material	Plastic