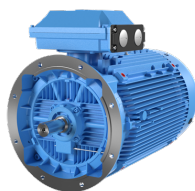


PRODUCT-DETAILS

3GGP351230-BDK

Dust Ignition Proof IE3 LV Motors, 315 kW, 400 V (3GGP351230-BDK)



General Information

Product ID	3GGP351230-BDK
ABB Type Designation	M3GP 355SMC 2
Catalog Description	Dust Ignition Proof IE3 LV Motors, 315 kW, 400 V (3GGP351230-BDK)

Additional Information

ABB Type Designation	M3GP 355SMC 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316M/C3
Bearing NDE	6316M/C3
Connection Configuration	D
Country of Origin	Finland (FI)
Customs Tariff Number	85015381
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	690 V	315.00 kW	2984 r/min	309.00 A	0.890	96.40 %	1008.00 N-m	7.80
D	T3	50 Hz	400 V	315.00 kW	2984 r/min	533.00 A	0.890	96.40 %	1008.00 N-m	7.80
D	T3	50 Hz	415 V	315.00 kW	2985 r/min	520.00 A	0.880	96.40 %	1007.00 N-m	8.40
D	T3	60 Hz	460 V	315.00 kW	3586 r/min	466.00 A	0.890	96.10 %	839.00 N-m	8.70

EX-Protection		Exec
Frame Material		Cast Iron
Frame Size		355
Frequency (f)		50 Hz
Gas Group		IIC
Gross Weight		1780 kg
IC Class		IC411
IE Class Data (50 Hz)		IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.8 % Partial Load (50%) 94.8 %
IE Class Data (60 Hz)		IE Class IE3 Full Load (100%) 96.1 % Partial Load (75%) 95.8 % Partial Load (50%) 94.8 %
IM Class		IMB5 IM3001
Input Voltage (U _{in})		400 V
Insulation Class		ICLF
Invoice Description		M3GP 355SMC 2
IP Class		IP55
Made To Order		No
Medium Description	315kW, 2 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GGP351230-BDK)	
Minimum Order Quantity		1 piece
Number of Poles (High)		2
Output Power		315 kW
Package Level 1 Units		1 pallet (lift)
Product Name		3-Phase squirrel cage motor
Product Net Depth / Length		1409 mm
Product Net Height		958 mm
Product Net Weight		1750 kg
Product Net Width		746 mm
Product Type		3GP3_M3GP_IE3_CI
Quote Only		No
Selling Unit of Measure		piece
Short Description	315kW, 2P, Frame Size 355, 3PH, 400V, 50Hz, IP55, IMB5/IM3001	
Temperature Class Default		T3
Terminator Box Location		D-End top
Two Speed Motor		No
Type of Duty		S1
UNSPSC		26101100
Voltage Code		D
WEEE Category		4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Dust Ignition Proof Motors → Dust Ignition Proof IE3 LV Motors

