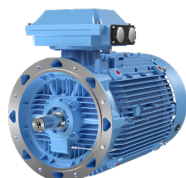


PRODUCT-DETAILS

3GKP312230-BDK

Flameproof IE3 Premium Efficiency LV Motors, 110 kW, 400 V (3GKP312230-BDK)



General Information

Product ID	3GKP312230-BDK
ABB Type Designation	M3KP 315SMC 4
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 110 kW, 400 V (3GKP312230-BDK)

Additional Information

ABB Type Designation	M3KP 315SMC 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6319/C3
Bearing NDE	6316/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	T4	50 Hz	690 V	110.00 kW	1491 r/min	113.00 A	0.850	95.40 %	704.00 N-m	7.80
D	T4	50 Hz	400 V	110.00 kW	1491 r/min	194.00 A	0.850	95.40 %	704.00 N-m	7.80
Y	T4	50 Hz	660 V	110.00 kW	1489 r/min	117.00 A	0.860	95.40 %	705.00 N-m	7.10
D	T4	50 Hz	380 V	110.00 kW	1489 r/min	203.00 A	0.860	95.40 %	705.00 N-m	7.10
D	T4	50 Hz	415 V	110.00 kW	1491 r/min	190.00 A	0.840	95.40 %	704.00 N-m	8.40
D	T4	60 Hz	460 V	110.00 kW	1792 r/min	172.00 A	0.840	95.80 %	586.00 N-m	8.80

EX-Protection		Exdbeb
Frame Material		Cast Iron
Frame Size		315
Frequency (f)		50 Hz
Gas Group		IIB
Gross Weight		1033 kg
IC Class		IC411
IE Class Data (50 Hz)		IE Class IE3 Full Load (100%) 95.4 % Partial Load (75%) 95.5 % Partial Load (50%) 94.9 %
IE Class Data (60 Hz)		IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.6 % Partial Load (50%) 94.8 %
IM Class		IMB5 IM3001
Input Voltage (U _{in})		400 V
Insulation Class		ICLF
Invoice Description		M3KP 315SMC 4
IP Class		IP55
Made To Order		No
Medium Description		110kW, 4 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GKP312230-BDK)
Minimum Order Quantity		1 piece
Number of Poles (High)		4
Order Multiple		1 piece
Output Power		110 kW
Package Level 1 Units		0 pallet (lift)
Product Name		3-Phase squirrel cage motor
Product Net Depth / Length		1204 mm
Product Net Height		858 mm
Product Net Weight		1013 kg
Product Net Width		590 mm
Product Type		3KP3_M3KP_IE3_Flameproof_Exde_motor
Quote Only		No
Selling Unit of Measure		piece
Short Description		110kW, 4P, Frame Size 315, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Temperature Class Default		T4
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 → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

