

PRODUCT-DETAILS

3GKP351410-ADK

Flameproof IE3 Premium Efficiency LV Motors, 355 kW, 400 V (3GKP351410-ADK)



General Information

Product ID	3GKP351410-ADK
ABB Type Designation	M3KP 355MLA 2
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 355 kW, 400 V (3GKP351410-ADK)

Additional Information

ABB Type Designation	M3KP 355MLA 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	T4	50 Hz	690 V	355.00 kW	2981 r/min	340.00 A	0.900	96.40 %	1137.00 N-m	7.50
D	T4	50 Hz	400 V	355.00 kW	2981 r/min	595.00 A	0.900	96.40 %	1137.00 N-m	7.50
Y	T4	50 Hz	660 V	355.00 kW	2980 r/min	360.00 A	0.900	96.40 %	1137.00 N-m	6.70
D	T4	50 Hz	380 V	355.00 kW	2980 r/min	626.00 A	0.900	96.40 %	1137.00 N-m	6.70
D	T4	50 Hz	415 V	355.00 kW	2984 r/min	579.00 A	0.890	96.40 %	1136.00 N-m	7.90
D	T4	60 Hz	460 V	355.00 kW	3583 r/min	518.00 A	0.900	96.10 %	944.00 N-m	8.50

EX-Protection	Exdbeb
Frame Material	Cast Iron
Frame Size	355
Frequency (f)	50 Hz
Gas Group	IIB
Gross Weight	2058 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 96.4 % Partial Load (75%) 96.4 % Partial Load (50%) 95.9 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 96.1 % Partial Load (75%) 95.9 % Partial Load (50%) 94.9 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3KP 355MLA 2
IP Class	IP55
Made To Order	No
Medium Description	355kW, 2 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP351410-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	355 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1514 mm
Product Net Height	984 mm
Product Net Weight	2028 kg
Product Net Width	700 mm
Product Type	3KP3_M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Short Description	355kW, 2P, Frame Size 355, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
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

