

PRODUCT-DETAILS

3GBP354420-ADK

IE3 Premium Efficiency Cast Iron Motor, 250 kW, 400 V (3GBP354420-ADK)



General Information

Product ID	3GBP354420-ADK
ABB Type Designation	M3BP 355MLB 8
Catalog Description	IE3 Premium Efficiency Cast Iron Motor, 250 kW, 400 V (3GBP354420-ADK)

Additional Information

ABB Type Designation	M3BP 355MLB 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6322/C3
Bearing NDE	6316/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN)
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	--	50 Hz	690 V	250.00 kW	743 r/min	274.00 A	0.800	94.60 %	3213.00 N-m	7.50
D	--	50 Hz	400 V	250.00 kW	743 r/min	472.00 A	0.800	94.60 %	3213.00 N-m	7.50
Y	--	50 Hz	660 V	250.00 kW	742 r/min	280.00 A	0.820	94.60 %	3216.00 N-m	6.80
D	--	50 Hz	380 V	250.00 kW	742 r/min	486.00 A	0.820	94.60 %	3217.00 N-m	6.80
D	--	50 Hz	415 V	250.00 kW	743 r/min	467.00 A	0.780	94.60 %	3213.00 N-m	8.00
D	--	60 Hz	460 V	250.00 kW	893 r/min	417.00 A	0.790	95.00 %	2672.00 N-m	8.30

Frame Material	Cast Iron
Frame Size	355
Frequency (f)	50 Hz
Gross Weight	0 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 94.6 % Partial Load (75%) 94.7 % Partial Load (50%) 94.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.9 % Partial Load (50%) 94.0 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3BP 355MLB 8
IP Class	IP55
Made To Order	No
Medium Description	250kW, 8 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP354420-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	250 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1584 mm
Product Net Height	958 mm
Product Net Weight	2180 kg
Product Net Width	700 mm
Product Type	3BP3_M3BP_IE3_CI
Quote Only	No
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Short Description	250kW, 8P, Frame Size 355, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Temperature Class Default	--
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 → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

