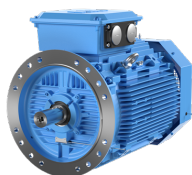


PRODUCT-DETAILS

3GBP224220-BDK

IE3 Premium Efficiency Cast Iron Motor, 22 kW, 400 V (3GBP224220-BDK)



General Information

Product ID	3GBP224220-BDK
ABB Type Designation	M3BP 225SMB 8
Catalog Description	IE3 Premium Efficiency Cast Iron Motor, 22 kW, 400 V (3GBP224220-BDK)

Additional Information

ABB Type Designation	M3BP 225SMB 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6313/C3
Bearing NDE	6212/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015230
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	22.00 kW	736 r/min	27.40 A	0.730	90.60 %	285.00 N-m	5.30
D	--	50 Hz	400 V	22.00 kW	736 r/min	47.50 A	0.730	90.60 %	285.00 N-m	5.30
Y	--	50 Hz	660 V	22.00 kW	734 r/min	28.30 A	0.750	90.60 %	286.00 N-m	4.80
D	--	50 Hz	380 V	22.00 kW	734 r/min	49.00 A	0.750	90.60 %	286.00 N-m	4.80
D	--	50 Hz	415 V	22.00 kW	737 r/min	46.80 A	0.710	90.60 %	285.00 N-m	5.70
D	--	60 Hz	460 V	22.00 kW	889 r/min	41.70 A	0.710	91.70 %	236.00 N-m	6.00

Frame Material	Cast Iron
Frame Size	225
Frequency (f)	50 Hz
Gross Weight	373 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 90.6 % Partial Load (75%) 91.4 % Partial Load (50%) 90.9 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 92.2 % Partial Load (50%) 91.6 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3BP 225SMB 8
IP Class	IP55
Made To Order	No
Medium Description	22kW, 8 Poles, Frame Size 225, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP224220-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	22 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	879 mm
Product Net Height	573 mm
Product Net Weight	363 kg
Product Net Width	435 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	22kW, 8P, Frame Size 225, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
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

