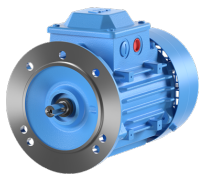




PRODUCT-DETAILS

3GBA083320-BSC

IE2 High Efficiency Cast Iron Motors, 0.55 kW, 400 V (3GBA083320-BSC)



General Information	
Product ID	3GBA083320-BSC
ABB Type Designation	M2BAX 80MB 6
Catalog Description	IE2 High Efficiency Cast Iron Motors, 0.55 kW, 400 V (3GBA083320-BSC)

Ordering	
ABB Type Designation	M2BAX 80MB 6
Invoice Description	M2BAX 80MB 6
Product Name	3-Phase squirrel cage motor
Product Type	EBA2__M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Shanghai, China
Medium Description	0.55kW, 6 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA083320-BSC)

Short Description

0.55kW, 6P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.55 kW	931 r/min	1.59 A	0.680	73.10 %	5.67 N·m	4.70
D	--	50 Hz	230 V	0.55 kW	931 r/min	2.77 A	0.680	73.10 %	5.67 N·m	4.70
Y	--	50 Hz	380 V	0.55 kW	922 r/min	1.58 A	0.730	73.10 %	5.67 N·m	4.70
D	--	50 Hz	220 V	0.55 kW	922 r/min	2.73 A	0.730	73.10 %	5.67 N·m	4.70
Y	--	60 Hz	440 V	0.55 kW	1136 r/min	1.41 A	0.670	68.00 %	4.64 N·m	5.40
Y	--	60 Hz	460 V	0.55 kW	1142 r/min	1.51 A	0.610	68.00 %	4.58 N·m	5.50

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	0.55 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 73.1 % Partial Load (75%) 71.1 % Partial Load (50%) 66.5 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 68.0 % Partial Load (75%) 63.9 % Partial Load (50%) 56.9 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Cast Iron
Frame Size	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
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Product Net Depth / Length	309 mm
Product Net Height	192 mm
Product Net Width	164 mm
Product Net Weight	19 kg
Gross Weight	22 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

