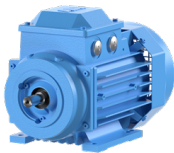




PRODUCT-DETAILS

3GBP081370-ASK

IE3 Premium Efficiency Cast Iron Motors, 1.1 kW, 400 V (3GBP081370-ASK)



General Information

Product ID	3GBP081370-ASK
ABB Type Designation	M3BP 80MG 2
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 1.1 kW, 400 V (3GBP081370-ASK)

Ordering

ABB Type Designation	M3BP 80MG 2
Invoice Description	M3BP 80MG 2
Product Name	3-Phase squirrel cage motor
Product Type	3BP3__M3BP_IE3_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland China Poland
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GBP081350-ASL 3GBP081370-ACK

Stocked At (Warehouses)	Menden, Germany
Medium Description	1.1kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP081370-ASK)
Short Description	1.1kW, 2P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data											
Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	400 V	1.10 kW	2855 r/min	2.50 A	0.780	82.70 %	3.60 N·m	7.90	
D	--	50 Hz	230 V	1.10 kW	2855 r/min	4.30 A	0.780	82.70 %	3.60 N·m	7.90	
Y	--	50 Hz	380 V	1.10 kW	2868 r/min	2.30 A	0.840	82.70 %	3.60 N·m	7.90	
D	--	50 Hz	220 V	1.10 kW	2868 r/min	4.10 A	0.840	82.70 %	3.60 N·m	7.90	
Y	--	50 Hz	415 V	1.10 kW	2895 r/min	2.30 A	0.780	82.70 %	3.60 N·m	8.20	
Y	--	60 Hz	460 V	1.10 kW	3500 r/min	2.00 A	0.780	84.00 %	3.00 N·m	9.90	
Connection Configuration											Y
Temperature Class											--
Default											
Input Voltage (U _{in})											400 V
Frequency (f)											50 Hz
Output Power											1.1 kW
Altitude											1000 m
Ambient Temperature											40 °C
IC Class											IC411
IE Class Data (50 Hz)											IE Class IE3 Full Load (100%) 82.7 % Partial Load (75%) 82.0 % Partial Load (50%) 79.6 %
IE Class Data (60 Hz)											IE Class IE3 Full Load (100%) 84.0 % Partial Load (75%) 83.0 % Partial Load (50%) 80.2 %
IP Class											IP55
Insulation Class											ICLF
Direction of Rotation											Both sides
Number of Poles (High)											2
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
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	363 mm
Product Net Height	194 mm
Product Net Width	154 mm
Product Net Weight	19 kg

Gross Weight22 kg

Environmental

WEEE Category5. Small Equipment (No External Dimension More Than 50 cm)
SCIP54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland

External Classifications and Standards

UNSPSC26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

