



 PRODUCT-DETAILS

3GBP082450-ASL

IE3 Premium Efficiency Cast Iron Motors, 0.75 kW, 400 V (3GBP082450-ASL)

For sale but "Obsolete", replaced by



Submitted by TECO Group

General Information

Product ID	3GBP082450-ASL
ABB Type Designation	M3BP 80MLE 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 0.75 kW, 400 V (3GBP082450-ASL)

Ordering

ABB Type Designation	M3BP 80MLE 4
Invoice Description	M3BP 80MLE 4
Product Name	3-Phase squirrel cage motor
Product Type	5BP3 M3BP CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85015100
Stocked At	Shanghai, China

(Warehouses)

Medium Description	0.75kW, 4 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP082450-ASL)
Short Description	0.75kW, 4P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.75 kW	1448 r/min	1.70 A	0.780	82.50 %	4.90 N·m	7.40
D	--	50 Hz	230 V	0.75 kW	1448 r/min	2.90 A	0.780	82.50 %	4.90 N·m	7.40
Y	--	50 Hz	415 V	0.75 kW	1451 r/min	1.60 A	0.760	82.50 %	4.90 N·m	7.70

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	0.75 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 82.5 % Partial Load (75%) 82.4 % Partial Load (50%) 80.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 83.5 % Partial Load (75%) 82.9 % Partial Load (50%) 79.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
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 /	363 mm

Length

Product Net Height	194 mm
Product Net Width	154 mm
Product Net Weight	22 kg
Gross Weight	25 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

UNSPSC	26101100 39120000
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Categories

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

