

PRODUCT-DETAILS

3GBP102420-ADL

IE3 Premium Efficiency Cast Iron Motor, 3 kW,
400 V (3GBP102420-ADL)

For sale but "Obsolete", replaced by



General Information

Product ID	3GBP102420-ADL
ABB Type Designation	M3BP 100MLB 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motor, 3 kW, 400 V (3GBP102420-ADL)

Additional Information

ABB Type Designation	M3BP 100MLB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220
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	3.00 kW	1445 r/min	3.40 A	0.830	87.70 %	19.80 N-m	7.70
D	--	50 Hz	400 V	3.00 kW	1445 r/min	5.90 A	0.830	87.70 %	19.80 N-m	7.70
D	--	50 Hz	415 V	3.00 kW	1448 r/min	5.80 A	0.820	87.70 %	19.80 N-m	8.10
D	--	60 Hz	440 V	3.00 kW	1744 r/min	5.29 A	0.850	87.60 %	16.40 N-m	8.50
D	--	60 Hz	460 V	3.00 kW	1748 r/min	5.17 A	0.830	87.80 %	16.37 N-m	9.10

Frame Material	Cast Iron
Frequency (f)	50 Hz
Gross Weight	47 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 87.7 % Partial Load (75%) 87.9 % Partial Load (50%) 86.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.6 % Partial Load (75%) 87.7 % Partial Load (50%) 86.4 %
IM Class	IMB3 IM1001
IP Class	IP55
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3BP 100MLB 4
Made To Order	No
Medium Description	3kW, 4 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP102420-ADL)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	3 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	381 mm
Product Net Height	247 mm
Product Net Weight	42 kg
Product Net Width	200 mm
Product Type	5BP3 M3BP CI
Quote Only	No
Replacement Product ID (NEW)	3GBP102820-ADK
Selling Unit of Measure	piece
Short Description	3kW, 4P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100 39120000
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

