

PRODUCT-DETAILS

3GBP184410-ADG

IE2 High Efficiency Cast Iron Motors, 11 kW,
400 V (3GBP184410-ADG)



General Information

Product ID	3GBP184410-ADG
ABB Type Designation	M3BP 180MLA 8
Catalog Description	IE2 High Efficiency Cast Iron Motors, 11 kW, 400 V (3GBP184410-ADG)

Additional Information

ABB Type Designation	M3BP 180MLA 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310/C3
Bearing NDE	6209/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	11.00 kW	731 r/min	16.20 A	0.670	86.90 %	143.00 N-m	4.40
D	--	50 Hz	400 V	11.00 kW	731 r/min	27.30 A	0.670	86.90 %	143.00 N-m	4.40
D	--	50 Hz	415 V	11.00 kW	733 r/min	27.00 A	0.650	86.90 %	143.00 N-m	4.60
D	--	60 Hz	440 V	11.00 kW	883 r/min	24.00 A	0.680	88.30 %	118.00 N-m	4.60
D	--	60 Hz	460 V	11.00 kW	885 r/min	23.50 A	0.660	88.60 %	118.00 N-m	5.10

Frame Material	Cast Iron
Frame Size	180
Frequency (f)	50 Hz
Gross Weight	243 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.9 % Partial Load (75%) 87.6 % Partial Load (50%) 86.7 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 88.3 % Partial Load (75%) 89.2 % Partial Load (50%) 88.3 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3BP 180MLA 8
IP Class	IP55
Made To Order	No
Medium Description	11kW, 8 Poles, Frame Size 180, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP184410-ADG)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	11 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	726 mm
Product Net Height	461 mm
Product Net Weight	233 kg
Product Net Width	381 mm
Product Type	3BP2__M3BP_IE2_CI
Quote Only	No
Replaced Product ID (OLD)	3GBP184031-ADG
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Short Description	11kW, 8P, Frame Size 180, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Standards	IEC 60034-1
Stocked At (Warehouses)	Shanghai, China
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 → IE2 High Efficiency Cast Iron Motors

