



 PRODUCT-DETAILS

3GBP161410-ADG

IE2 High Efficiency Cast Iron Motors, 11 kW,
400 V (3GBP161410-ADG)



Submitted by TECO Group

General Information

Product ID	3GBP161410-ADG
ABB Type Designation	M3BP 160MLA 2
Catalog Description	IE2 High Efficiency Cast Iron Motors, 11 kW, 400 V (3GBP161410-ADG)

Ordering

ABB Type Designation	M3BP 160MLA 2
Invoice Description	M3BP 160MLA 2
Product Name	3-Phase squirrel cage motor
Product Type	3BP2_M3BP_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN) India (IN) Poland (PL)

Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GBP161031-ADG 3GBP161410-ADD
Medium Description	11kW, 2 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP161410-ADG)
Short Description	11kW, 2P, Frame Size 160, 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	690 V	11.00 kW	2938 r/min	11.10 A	0.900	90.60 %	35.70 N-m	7.50
D	--	50 Hz	400 V	11.00 kW	2938 r/min	19.20 A	0.900	90.60 %	35.70 N-m	7.50
D	--	50 Hz	415 V	11.00 kW	2943 r/min	18.70 A	0.900	90.80 %	35.70 N-m	8.00
D	--	60 Hz	440 V	11.00 kW	3541 r/min	17.40 A	0.910	90.90 %	29.60 N-m	7.90
D	--	60 Hz	460 V	11.00 kW	3547 r/min	16.70 A	0.900	90.90 %	29.60 N-m	8.60

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	11 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 90.6 % Partial Load (75%) 91.5 % Partial Load (50%) 91.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 90.9 % Partial Load (75%) 91.0 % Partial Load (50%) 89.8 %
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	D

Mechanical

Frame Material	Cast Iron
Frame Size	160
Bearing	6309/C3
Bearing NDE	6209/C3
Lubrication	Regreasable
IM Class	IMB3 IM1001

Terminator Box Location

D-End top

Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Depth / Length	584 mm
Product Net Height	421 mm
Product Net Width	310 mm
Product Net Weight	127 kg
Gross Weight	137 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

