



PRODUCT-DETAILS

3GBP161410-ADK

IE3 Premium Efficiency Cast Iron Motors, 11 kW, 400 V (3GBP161410-ADK)



General Information

Product ID:	3GBP161410-ADK
ABB Type Designation:	M3BP 160MLA 2
Catalog Description:	IE3 Premium Efficiency Cast Iron Motors, 11 kW, 400 V (3GBP161410-ADK)
Display Name:	3GBP161410-ADK

Ordering

ABB Type Designation:	M3BP 160MLA 2
Invoice Description:	M3BP 160MLA 2
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP3__M3BP_IE3_CI
Country or Territory of Origin:	Finland China Poland
Customs Tariff Number:	85015230
Replaced Product ID (OLD):	3GBP161051-ADK

Stocked At (Warehouses):	Menden, Germany
Medium Description:	11kW, 2 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP161410-ADK)
Short Description:	11kW, 2P, Frame Size 160, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	11.00 kW	2943 r/min	11.10 A	0.910	91.20 %	35.57 N·m	7.20
D	--	50 Hz	400 V	11.00 kW	2943 r/min	19.10 A	0.910	91.20 %	35.57 N·m	7.20
Y	--	50 Hz	660 V	11.00 kW	2933 r/min	11.50 A	0.920	91.20 %	35.65 N·m	6.50
D	--	50 Hz	380 V	11.00 kW	2933 r/min	20.10 A	0.920	91.20 %	35.65 N·m	6.50
D	--	50 Hz	415 V	11.00 kW	2946 r/min	18.50 A	0.900	91.20 %	35.52 N·m	7.70
D	--	60 Hz	460 V	11.00 kW	3549 r/min	16.60 A	0.910	91.00 %	29.54 N·m	8.70

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 IE3 Full Load (100%) 91.2 % Partial Load (75%) 91.7 % Partial Load (50%) 91.3 %
IE Class Data (60 Hz):	IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 91.1 % Partial Load (50%) 89.9 %
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
IM Class:	IMB3 IM1001
Terminator Box Location:	D-End top

Dimensions

Product Net Depth / Length:	584 mm
Product Net Height:	421 mm
Product Net Width:	310 mm
Product Net Weight:	141 kg
Gross Weight:	151 kg

Environmental

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

External Classifications and Standards

Standards:	IEC 60034-1
UNSPSC:	26101100

Categories

Products > Motors and Generators > IEC Low Voltage AC Motors > Process Performance Motors > IE3 Premium Efficiency Cast Iron Motors > M3BP160-K

