



PRODUCT-DETAILS

3GBA162420-ADN

IE4 Super Premium Efficiency Cast Iron Motors, 15 kW, 400 V (3GBA162420-ADN)



General Information	
Product ID	3GBA162420-ADN
ABB Type Designation	M2BAX 160MLB 4
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 15 kW, 400 V (3GBA162420-ADN)

Ordering	
ABB Type Designation	M2BAX 160MLB 4
Invoice Description	M2BAX 160MLB 4
Product Name	3-Phase squirrel cage motor
Product Type	EBA4__M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015230
Stocked At (Warehouses)	Menden, Germany
Medium Description	15kW, 4 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA162420-ADN)

Short Description

15kW, 4P, 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	15.00 kW	1480 r/min	16.90 A	0.790	93.90 %	96.77 N·m	8.10
D	--	50 Hz	400 V	15.00 kW	1480 r/min	29.60 A	0.790	93.90 %	96.76 N·m	8.10
Y	--	50 Hz	660 V	15.00 kW	1478 r/min	17.30 A	0.810	93.90 %	96.91 N·m	7.50
D	--	50 Hz	380 V	15.00 kW	1478 r/min	30.00 A	0.810	93.90 %	96.92 N·m	7.50

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	15 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE4 Full Load (100%) 93.9 % Partial Load (75%) 94.1 % Partial Load (50%) 93.5 %
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	D

Mechanical

Frame Material	Cast Iron
Frame Size	160
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	683.5 mm
Product Net Height	413 mm
Product Net Width	310 mm
Product Net Weight	168 kg

Gross Weight	178 kg
--------------	--------

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
---------------	---

Classifications

UNSPSC	26101100
--------	----------

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

