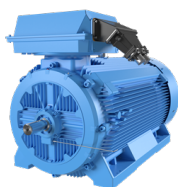




PRODUCT-DETAILS

3GBP402830-ADM

IE4 Super Premium Efficiency Cast Iron Motors, 710 kW, 400 V (3GBP402830-ADM)



General Information

Product ID:	3GBP402830-ADM
ABB Type Designation:	M3BP 400LKC 4
Catalog Description:	IE4 Super Premium Efficiency Cast Iron Motors, 710 kW, 400 V (3GBP402830-ADM)
Display Name:	3GBP402830-ADM

Ordering

ABB Type Designation:	M3BP 400LKC 4
Invoice Description:	M3BP 400LKC 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP4__M3BP_IE4_CI
Country of Origin:	Finland
Customs Tariff Number:	85015394
Medium Description:	710kW, 4 Poles, Frame Size 400, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP402830-ADM)

Short Description: 710kW, 4P, Frame Size 400, 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	710.00 kW	1492 r/min	718.00 A	0.850	96.70 %	4544.00 N-m	7.60
D	--	50 Hz	400 V	710.00 kW	1492 r/min	1244.00 A	0.850	96.70 %	4544.00 N-m	7.60
D	--	50 Hz	415 V	710.00 kW	1493 r/min	1224.00 A	0.830	96.70 %	4542.00 N-m	7.90

Connection Configuration: D

Temperature Class Default: --

Input Voltage (U_{in}): 400 V

Frequency (f): 50 Hz

Output Power: 710 kW

Altitude: 1000 m

Ambient Temperature: 40 °C

IC Class: IC411

IE Class Data (50 Hz):
IE Class IE4
Full Load (100%) 96.7 %
Partial Load (75%) 96.7 %
Partial Load (50%) 96.1 %

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: 400

Bearing: 6324/C3

Bearing NDE: 6319/C3

IM Class: IMB3 IM1001

Terminator Box Location: Top

Dimensions

Product Net Depth / Length:	1891 mm
Product Net Height:	943 mm
Product Net Width:	840 mm
Product Net Weight:	3300 kg
Gross Weight:	3340 kg

Environmental

WEEE Category:	4. Large Equipment (Any External Dimension More Than 50 cm)
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External Classifications and Standards

UNSPSC:	26101100
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Categories

Products > Motors and Generators > IEC Low Voltage AC Motors > Process Performance Motors > IE4 Super Premium Efficiency Cast Iron Motors

