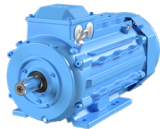




PRODUCT-DETAILS

3GBP102820-ADM

IE4 Super Premium Efficiency Cast Iron Motors, 3 kW, 400 V (3GBP102820-ADM)



General Information

Product ID:	3GBP102820-ADM
ABB Type Designation:	M3BP 100LKB 4
Catalog Description:	IE4 Super Premium Efficiency Cast Iron Motors, 3 kW, 400 V (3GBP102820-ADM)
Display Name:	3GBP102820-ADM

Ordering

ABB Type Designation:	M3BP 100LKB 4
Invoice Description:	M3BP 100LKB 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP4__M3BP_IE4_CI
Country of Origin:	Finland
Customs Tariff Number:	85015220
Medium Description:	3kW, 4 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP102820-ADM)

Short Description: 3kW, 4P, Frame Size 100, 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	3.00 kW	1460 r/min	3.60 A	0.780	90.40 %	19.80 N·m	8.80
D	--	50 Hz	400 V	3.00 kW	1460 r/min	6.10 A	0.780	90.40 %	19.80 N·m	8.80
D	--	50 Hz	415 V	3.00 kW	1460 r/min	6.00 A	0.770	90.40 %	19.80 N·m	8.80
D	--	60 Hz	460 V	3.00 kW	1765 r/min	5.40 A	0.760	91.00 %	16.40 N·m	9.50

Connection Configuration: D

Temperature Class Default: --

Input Voltage (U_{in}): 400 V

Frequency (f): 50 Hz

Output Power: 3 kW

Altitude: 1000 m

Ambient Temperature: 40 °C

IC Class: IC411

IE Class Data (50 Hz):
IE Class IE4
Full Load (100%) 90.4 %
Partial Load (75%) 90.2 %
Partial Load (50%) 90.3 %

IE Class Data (60 Hz):
IE Class IE4
Full Load (100%) 91.0 %
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): 4

Two Speed Motor: No

Type of Duty: S1

Voltage Code: D

Mechanical

Frame Material: Cast Iron

Frame Size: 100

Bearing: 6206-2Z/C3

Bearing NDE: 6206-2Z/C3

IM Class: IMB3 IM1001

Terminator Box Location: D-End top

Dimensions

Product Net Depth / Length:	524 mm
Product Net Height:	251 mm
Product Net Width:	200 mm
Product Net Weight:	62 kg
Gross Weight:	67 kg

Environmental

WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP:	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland

External Classifications and Standards

UNSPSC:	26101100 39120000
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Categories

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

