



PRODUCT-DETAILS

3GBP222210-BDM

IE4 Super Premium Efficiency Cast Iron Motors, 37 kW, 400 V (3GBP222210-BDM)



General Information

Product ID:	3GBP222210-BDM
ABB Type Designation:	M3BP 225SMA 4
Catalog Description:	IE4 Super Premium Efficiency Cast Iron Motors, 37 kW, 400 V (3GBP222210-BDM)
Display Name:	3GBP222210-BDM

Ordering

ABB Type Designation:	M3BP 225SMA 4
Invoice Description:	M3BP 225SMA 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP4__M3BP_IE4_CI
Country of Origin:	Finland China
Customs Tariff Number:	85015230
Stocked At (Warehouses):	Menden, Germany

Medium Description:	37kW, 4 Poles, Frame Size 225, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP222210-BDM)
Short Description:	37kW, 4P, Frame Size 225, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	37.00 kW	1480 r/min	38.70 A	0.840	95.20 %	238.00 N-m	7.50
D	--	50 Hz	400 V	37.00 kW	1480 r/min	66.80 A	0.840	95.20 %	239.00 N-m	7.50
D	--	50 Hz	415 V	37.00 kW	1482 r/min	65.10 A	0.830	95.20 %	238.00 N-m	8.00
D	--	60 Hz	460 V	37.00 kW	1784 r/min	58.30 A	0.830	95.40 %	198.00 N-m	8.60

Connection Configuration:	D
Temperature Class Default:	--
Input Voltage (U_{in}):	400 V
Frequency (f):	50 Hz
Output Power:	37 kW
Altitude:	1000 m
Ambient Temperature:	40 °C
IC Class:	IC411
IE Class Data (50 Hz):	IE Class IE4 Full Load (100%) 95.2 % Partial Load (75%) 95.7 % Partial Load (50%) 95.6 %
IE Class Data (60 Hz):	IE Class IE4 Full Load (100%) 95.4 % Partial Load (75%) 95.5 % Partial Load (50%) 95.1 %
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:	225
Bearing:	6313/C3
Bearing NDE:	6212/C3
IM Class:	IMB5 IM3001

Terminator Box Location: D-End top

Dimensions

Product Net Depth / Length: 879 mm

Product Net Height: 455 mm

Product Net Width: 435 mm

Product Net Weight: 383 kg

Gross Weight: 393 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

UNSPSC: 26101100

Categories

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

