



PRODUCT-DETAILS

3GBP223210-ASG

IE2 High Efficiency Cast Iron Motors, 30 kW,
400 V (3GBP223210-ASG)

**General Information**

Product ID	3GBP223210-ASG
ABB Type Designation	M3BP 225SMA 6
Catalog Description	IE2 High Efficiency Cast Iron Motors, 30 kW, 400 V (3GBP223210-ASG)

Ordering

ABB Type Designation	M3BP 225SMA 6
Invoice Description	M3BP 225SMA 6
Product Name	3-Phase squirrel cage motor
Product Type	3BP2_M3BP_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015230
Replaced Product ID	3GBP223031-ASG

(OLD)

Stocked At (Warehouses)	Shanghai, China
Medium Description	30kW, 6 Poles, Frame Size 225, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP223210-ASG)
Short Description	30kW, 6P, Frame Size 225, 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	400 V	30.00 kW	986 r/min	56.20 A	0.830	92.60 %	290.00 N·m	7.00
D	--	50 Hz	230 V	30.00 kW	986 r/min	99.50 A	0.830	92.60 %	290.00 N·m	7.00
Y	--	50 Hz	415 V	30.00 kW	988 r/min	55.50 A	0.810	92.60 %	290.00 N·m	7.40
Y	--	60 Hz	440 V	30.00 kW	1187 r/min	50.30 A	0.840	93.00 %	241.00 N·m	7.40
Y	--	60 Hz	460 V	30.00 kW	1189 r/min	49.20 A	0.820	93.20 %	240.00 N·m	8.00

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	30 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 92.6 % Partial Load (75%) 93.2 % Partial Load (50%) 92.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 93.0 % Partial Load (75%) 93.5 % Partial Load (50%) 92.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Cast Iron
Frame Size	225
Bearing	6313/C3
Bearing NDE	6212/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	879 mm
Product Net Height	574 mm
Product Net Width	460 mm
Product Net Weight	349 kg
Gross Weight	359 kg

Environmental

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

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Cast Iron Motors

