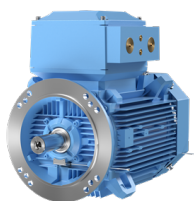




 PRODUCT-DETAILS

3GJP223210-BFL

Flameproof IE3 Premium Efficiency LV Motors, 30 kW, 500 V (3GJP223210-BFL)



General Information

Product ID	3GJP223210-BFL
ABB Type Designation	M3JP 225SMA 6
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 30 kW, 500 V (3GJP223210-BFL)

Ordering

ABB Type Designation	M3JP 225SMA 6
Product Name	3-Phase squirrel cage motor
Product Type	5JP3__M3JP_IE3_Flameproof_Exd_motor
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
Medium Description	30kW, 6 Poles, Frame Size 225, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GJP223210-BFL)
Short Description	30kW, 6P, Frame Size 225, 3PH, 500V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	500 V	30.00 kW	988 r/min	48.60 A	0.770	92.90 %	290.00 N·m	7.70

Connection Configuration	Y
Temperature Class Default	T4
Input Voltage (U _{in})	500 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 IE3 Full Load (100%) 92.9 % Partial Load (75%) 92.9 % Partial Load (50%) 92.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 93.5 % Partial Load (75%) 93.3 % Partial Load (50%) 92.1 %
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	F
EX-Protection	Exdb
Gas Group	IIB

Mechanical

Frame Material	Cast Iron
Frame Size	225
Bearing	6313/C3
Bearing NDE	6312/C3
IM Class	IMB5 IM3001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	901 mm
Product Net Height	663 mm
Product Net Width	432 mm
Product Net Weight	419 kg
Gross Weight	429 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI)

Classifications

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

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

