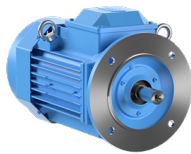




PRODUCT-DETAILS**3GGP092322-ASB****M3GP 90SLB 4**

General Information

Product ID	3GGP092322-ASB
ABB Type Designation	M3GP 90SLB 4
Catalog Description	M3GP 90SLB 4

Ordering

ABB Type Designation	M3GP 90SLB 4
Invoice Description	M3GP 90SLB 4
Product Name	3-Phase squirrel cage motor
Product Type	3GP0_M3GP_CI
Country or Territory of Origin	Finland Poland
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	400 V	1.10 kW	1435 r/min	2.36 A	0.800	83.60 %	7.30 N·m	6.50
D	T3	50 Hz	230 V	1.10 kW	1435 r/min	4.08 A	0.800	83.60 %	7.30 N·m	6.50
Y	T3	60 Hz	460 V	1.10 kW	1740 r/min	2.11 A	0.770	85.40 %	6.00 N·m	7.50

Temperature Class	T3
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 83.6 % Partial Load (75%) 84.1 % Partial Load (50%) 82.4 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.4 % Partial Load (75%) 85.0 % Partial Load (50%) 82.7 %
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	S
EX-Protection	Exec
Gas Group	IIC

Mechanical

Frame Material	Cast Iron
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6203-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Product Net Weight	25 kg
Gross Weight	28 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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External Classifications and Standards

Standards	IEC 60034-1
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Motors for Explosive Atmospheres → Dust Ignition Proof IE2 Motors

