



 PRODUCT-DETAILS

3GGL252217-ARC

Increased Safety IE5 Ex ec SynRM Motors, 55 kW, 380 V (3GGL252217-ARC)



General Information

Product ID	3GGL252217-ARC
ABB Type Designation	M3GL 250SMA 4
Catalog Description	Increased Safety IE5 Ex ec SynRM Motors, 55 kW, 380 V (3GGL252217-ARC)

Ordering

ABB Type Designation	M3GL 250SMA 4
Invoice Description	M3GL 250SMA 4
Product Name	3Phase Synchronous reluctance motor
Product Type	3GL5__M3GL_IE5_SynRM_Ex
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	85015290
Medium Description	55kW, 4P, Frame Size 250, 3 Phases, 380V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGL252217-ARC)

Short Description

55kW, 4P, Frame Size 250, 3PH, 380V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	Operational Voltage
D	T3	50 Hz	380 V	55.00 kW	3600 r/min	131.00 A	0.720	96.00 %	145.88 N·m	0.00	350 V

Connection Configuration	D
Temperature Class Default	T3
Input Voltage (U _{in})	380 V
Frequency (f)	50 Hz
Motor Operational Voltage	350 V
Output Power	55 kW
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE5 Full Load (100%) 96.0 % Partial Load (75%) 95.6 % Partial Load (50%) 94.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Voltage Code	R
EX-Protection	Exec
Gas Group	IIC

Mechanical

Frame Material	Cast Iron
Frame Size	250
Bearing	6315/C3
Bearing NDE	6213/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	884 mm
Product Net Height	626 mm
Product Net Width	480 mm
Product Net Weight	396 kg
Gross Weight	406 kg

Environmental

WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm)

Classifications

UNSPSC 26101100

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Increased Safety Ex ec Zone 2 Motors → Increased Safety IE5 Ex ec SynRM Motors

