



 PRODUCT-DETAILS

3GJM352230-ADL

Flameproof IE3 Premium Efficiency Mining Motors, 355 kW, 400 V (3GJM352230-ADL)



General Information

Product ID	3GJM352230-ADL
ABB Type Designation	M3JM 355SMC 4
Catalog Description	Flameproof IE3 Premium Efficiency Mining Motors, 355 kW, 400 V (3GJM352230-ADL)

Ordering

ABB Type Designation	M3JM 355SMC 4
Invoice Description	M3JM 355SMC 4
Product Name	3-Phase squirrel cage motor
Product Type	5JM3__M3JM_IE3_Group_I_Flameproof_Exd_mining_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	85015381
Medium Description	355kW, 4 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP66 Enclosure, IMB3/IM1001 Mounting (3GJM352230-ADL)

Short Description

355kW, 4P, Frame Size 355, 3PH, 400V, 50Hz, IP66, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	355.00 kW	1490 r/min	360.00 A	0.860	96.00 %	2273.00 N-m	6.30
D	--	50 Hz	400 V	355.00 kW	1490 r/min	616.00 A	0.860	96.00 %	2273.00 N-m	6.30
D	--	50 Hz	415 V	355.00 kW	1491 r/min	605.00 A	0.850	96.00 %	2273.00 N-m	6.80

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	355 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 96.0 % Partial Load (75%) 96.0 % Partial Load (50%) 95.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 96.2 % Partial Load (75%) 96.0 % Partial Load (50%) 95.2 %
IP Class	IP66
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exdb

Mechanical

Frame Material	Cast Iron
Frame Size	355
Bearing	6322/C3
Bearing NDE	6316/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	1479 mm

Product Net Height	958 mm
Product Net Width	645 mm
Product Net Weight	2030 kg
Gross Weight	2060 kg

Environmental

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

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Mining Motors → Flameproof IE3 Premium Efficiency Mining Motors

