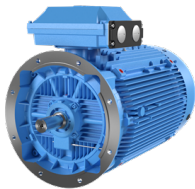




PRODUCT-DETAILS

3GGP353230-BDL

Dust Ignition Proof IE3 LV Motors, 250 kW,
400 V (3GGP353230-BDL)



General Information	
Product ID	3GGP353230-BDL
ABB Type Designation	M3GP 355SMC 6
Catalog Description	Dust Ignition Proof IE3 LV Motors, 250 kW, 400 V (3GGP353230-BDL)

Ordering	
ABB Type Designation	M3GP 355SMC 6
Invoice Description	M3GP 355SMC 6
Product Name	3-Phase squirrel cage motor
Product Type	5GP3 M3GP CI
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	250kW, 6 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GGP353230-BDL)

Short Description

250kW, 6P, Frame Size 355, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	690 V	250.00 kW	993 r/min	269.00 A	0.810	95.80 %	2404.00 N·m	7.70
D	T3	50 Hz	400 V	250.00 kW	993 r/min	465.00 A	0.810	95.80 %	2404.00 N·m	7.70
D	T3	50 Hz	415 V	250.00 kW	994 r/min	459.00 A	0.790	95.80 %	2404.00 N·m	8.20

Connection Configuration	D
Temperature Class Default	T3
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	250 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 96.0 % Partial Load (50%) 95.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.8 % Partial Load (50%) 95.1 %
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	D
EX-Protection	Exec
Gas Group	IIC

Mechanical

Frame Material	Cast Iron
Frame Size	355
Bearing	6322/C3
Bearing NDE	6316/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

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

Length	
Product Net Height	958 mm
Product Net Width	746 mm
Product Net Weight	1820 kg
Gross Weight	1850 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 → Motors and Generators for Explosive Atmospheres → Dust Ignition Proof Motors → Dust Ignition Proof IE3 LV Motors

