



PRODUCT-DETAILS

3GBP352210-ADG

IE2 High Efficiency Cast Iron Motors, 250 kW,
400 V (3GBP352210-ADG)



General Information	
Product ID:	3GBP352210-ADG
ABB Type Designation:	M3BP 355SMA 4
Catalog Description:	IE2 High Efficiency Cast Iron Motors, 250 kW, 400 V (3GBP352210-ADG)
Display Name:	3GBP352210-ADG

Ordering	
ABB Type Designation:	M3BP 355SMA 4
Invoice Description:	M3BP 355SMA 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP2__M3BP_IE2_CI
Country of Origin:	Finland China India Poland
Customs Tariff Number:	85015381

Stocked At (Warehouses):	Shanghai, China Shanghai, China
Medium Description:	250kW, 4 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP352210-ADG)
Short Description:	250kW, 4P, Frame Size 355, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	250.00 kW	1488 r/min	256.00 A	0.850	95.90 %	1604.00 N-m	7.10
D	--	50 Hz	400 V	250.00 kW	1488 r/min	442.00 A	0.850	95.90 %	1604.00 N-m	7.10
D	--	50 Hz	415 V	250.00 kW	1489 r/min	431.00 A	0.840	95.90 %	1604.00 N-m	7.60

Connection Configuration:	D
Temperature Class Default:	--
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 IE2 Full Load (100%) 95.9 % Partial Load (75%) 96.0 % Partial Load (50%) 95.4 %
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:	D

Mechanical

Frame Material:	Cast Iron
Frame Size:	355
Bearing:	6322/C3
Bearing NDE:	6316/C3
IM Class:	IMB3 IM1001
Terminator Box Location:	Top

Dimensions	
Product Net Depth / Length:	1479 mm
Product Net Height:	958 mm
Product Net Width:	746 mm
Product Net Weight:	1610 kg
Gross Weight:	1640 kg

Environmental	
WEEE Category:	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP:	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland

External Classifications and Standards	
UNSPSC:	26101100 39120000

Categories	
Products > Motors and Generators > IEC Low Voltage AC Motors > Process Performance Motors > IE2 High Efficiency Cast Iron Motors	

