

---

PRODUCT-DETAILS

# 3GBA353230-BDC

## M2BAX 355SMC 6



---

### General Information

Product ID	3GBA353230-BDC
ABB Type Designation	M2BAX 355SMC 6
Catalog Description	M2BAX 355SMC 6

---

### Additional Information

ABB Type Designation	M2BAX 355SMC 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6222/C3
Bearing NDE	6219/C3
Country of Origin	China (CN)
Customs Tariff Number	85015381
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	250.00 kW	991 r/min	261.00 A	0.840	95.00 %	2409.00 N·m	6.70
D	--	50 Hz	400 V	250.00 kW	991 r/min	450.00 A	0.840	95.00 %	2409.00 N·m	6.70
Y	--	50 Hz	660 V	250.00 kW	990 r/min	270.00 A	0.850	95.00 %	2409.00 N·m	6.10
D	--	50 Hz	380 V	250.00 kW	990 r/min	469.00 A	0.850	95.00 %	2409.00 N·m	6.10
D	--	60 Hz	440 V	250.00 kW	1191 r/min	406.00 A	0.850	95.00 %	2004.07 N·m	6.60
D	--	60 Hz	460 V	250.00 kW	1192 r/min	393.00 A	0.840	95.00 %	2002.64 N·m	7.30

Gross Weight	1639 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 95.0 % Partial Load (75%) 95.2 % Partial Load (50%) 94.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 95.0 % Partial Load (75%) 95.3 % Partial Load (50%) 94.6 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 355SMC 6
Lubrication	Regreasable
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	1609 kg
Product Type	EBA2_M2BAX_CI
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	CSCNM
Temperature Class Default	--
Temperature Rise	105 K
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

**Categories**

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

