



PRODUCT-DETAILS

3GBA283110-BDC

M2BAX 280SA 6

"No longer for sale" replaced by 3GBA283240-

General Information

Product ID	3GBA283110-BDC
ABB Type Designation	M2BAX 280SA 6
Catalog Description	M2BAX 280SA 6

Additional Information

ABB Type Designation	M2BAX 280SA 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6217/C3
Bearing NDE	6217/C3
Country of Origin	China (CN)
Customs Tariff Number	85015290

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Efficiency Factor	Torque	IS/IN
Y	--	50 Hz	690 V	45.00 kW	990 r/min	48.70 A	0.830 92.70 %	434.18 N·m	6.70
D	--	50 Hz	400 V	45.00 kW	990 r/min	84.30 A	0.830 92.70 %	434.18 N·m	6.70
Y	--	50 Hz	660 V	45.00 kW	988 r/min	50.80 A	0.840 92.70 %	434.75 N·m	6.10
D	--	50 Hz	380 V	45.00 kW	988 r/min	87.90 A	0.840 92.70 %	434.75 N·m	6.10
D	--	60 Hz	440 V	45.00 kW	1189 r/min	76.30 A	0.840 91.70 %	361.15 N·m	7.00
D	--	60 Hz	460 V	45.00 kW	1190 r/min	73.80 A	0.830 91.70 %	360.85 N·m	7.70

Gross Weight	520 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 92.7 % Partial Load (75%) 92.8 % Partial Load (50%) 91.9 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 91.7 % Partial Load (75%) 91.3 % Partial Load (50%) 89.5 %
IM Class	IMB5 IM3001
IP Class	IP55

Insulation Class	ICLF
Invoice Description	M2BAX 280SA 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	500 kg
Product Type	EBA2__M2BAX_CI
Quote Only	No
Replacement Product ID (NEW)	3GBA283240-BDH
Selling Unit of Measure	piece
Standards	IEC_60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	CSCNM
Temperature Class Default	--
Temperature Rise	80 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)