



PRODUCT-DETAILS

3GBA282220-BDM

M2BAX 280SMB 4

General Information

Product ID	3GBA282220-BDM
ABB Type Designation	M2BAX 280SMB 4
Catalog Description	M2BAX 280SMB 4

Additional Information

ABB Type Designation	M2BAX 280SMB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6217/C3
Bearing NDE	6217/C3
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015290
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	75.00 kW	1485 r/min	77.70 A	0.860	95.00 %	483.00 N·m	6.40
D	--	50 Hz	400 V	75.00 kW	1485 r/min	133.00 A	0.860	95.00 %	483.00 N·m	6.40
Y	--	50 Hz	660 V	75.00 kW	1483 r/min	79.50 A	0.870	95.00 %	483.00 N·m	5.80
D	--	50 Hz	380 V	75.00 kW	1483 r/min	138.00 A	0.870	95.00 %	483.00 N·m	5.80
D	--	60 Hz	440 V	75.00 kW	1784 r/min	120.00 A	0.860	95.40 %	401.00 N·m	6.80
D	--	60 Hz	460 V	75.00 kW	1785 r/min	116.00 A	0.850	95.40 %	401.00 N·m	7.40

Gross Weight 593 kg

IC Class IC411

IE Class Data (50 Hz) IE Class IE3
Full Load (100%) 95.0 %
Partial Load (75%) 95.1 %
Partial Load (50%) 94.6 %

IE Class Data (60 Hz) IE Class IE3
Full Load (100%) 94.5 %
Partial Load (75%) 94.2 %
Partial Load (50%) 93.0 %

IM Class IMB5 IM3001

IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 280SMB 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	573 kg
Product Type	EBA3__M2BAX_CI
Quote Only	No
Replacement Product ID (NEW)	3GBA282260-BDF
Selling Unit of Measure	piece
Stocked At (Warehouses)	Central Stock Europe
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)