

PRODUCT-DETAILS

3GBP283220-BDK

M3BP 280SMB 6



General Information

Product ID	3GBP283220-BDK
ABB Type Designation	M3BP 280SMB 6
Catalog Description	M3BP 280SMB 6

Additional Information

ABB Type Designation	M3BP 280SMB 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/C3
Bearing NDE	6316/C3
Country of Origin	Finland (FI) China (CN) India (IN) 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	45.00 kW	992 r/min	47.00 A	0.850	93.70 %	434.00 N-m	7.50
D	--	50 Hz	400 V	45.00 kW	992 r/min	80.90 A	0.850	93.70 %	434.00 N-m	7.50
Y	--	50 Hz	660 V	45.00 kW	990 r/min	48.60 A	0.860	93.70 %	434.00 N-m	6.70
D	--	50 Hz	380 V	45.00 kW	990 r/min	84.50 A	0.860	93.70 %	434.00 N-m	6.70
D	--	50 Hz	415 V	45.00 kW	991 r/min	79.10 A	0.840	93.70 %	433.00 N-m	8.00
D	--	60 Hz	460 V	45.00 kW	1193 r/min	70.60 A	0.850	94.50 %	361.00 N-m	7.90

Gross Weight	700 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 93.7 % Partial Load (75%) 93.8 % Partial Load (50%) 93.1 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.5 % Partial Load (75%) 94.3 % Partial Load (50%) 93.3 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3BP 280SMB 6
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	680 kg
Product Type	3BP3__M3BP_IE3_CI
Quote Only	No
Replaced Product ID (OLD)	3GBP283220-BDJ 3GBP283220-BDG411 3GBP283220-BDJ411
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Service Factor	1.00
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

