

PRODUCT-DETAILS

3GBP282220-ADG

M3BP; BP Cast iron motor; Y; 4 poles; IMB3
IM1001



General Information

Product ID	3GBP282220-ADG
ABB Type Designation	M3BP 280SMB 4
Catalog Description	M3BP; BP Cast iron motor; Y; 4 poles; IMB3 IM1001

Additional Information

ABB Type Designation	M3BP 280SMB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/C3
Bearing NDE	6316/C3
Connection	Y
Configuration	
Country of Origin	Poland (PL) Finland (FI) China (CN) India (IN)
Customs Tariff Number	85015381
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	90.00 kW	1483 r/min	93.20 A	0.850	94.70 %	579.00 N-m	7.20
D	--	50 Hz	400 V	90.00 kW	1483 r/min	160.00 A	0.850	94.70 %	579.00 N-m	7.20
D	--	50 Hz	415 V	90.00 kW	1484 r/min	156.00 A	0.840	94.70 %	579.00 N-m	7.70

Enclosure Material	BP Cast iron motor
Frequency (f)	50 Hz
Gross Weight	685 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 94.7 % Partial Load (75%) 94.9 % Partial Load (50%) 94.2 %
IM Class	IMB3 IM1001
IP Class	IP55
Input Voltage (U _{in})	690 V
Insulation Class	ICLF
Invoice Description	M3BP 280SMB 4
Made To Order	No
Minimum Order Quantity	1 piece
Motor Type	M3BP
Mounting Type	IMB3 IM1001
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	single speed motor
Output Power	90 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	665 kg
Product Type	3BP2__M3BP_IE2_CI
Quote Only	No
Replacement Product ID (NEW)	3GBP282220-ADN
Rotational Speed	1483 r/min
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Service Factor	1.00
Stocked At (Warehouses)	Shanghai, China
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 → IE2 High Efficiency Cast Iron Motors
Motors and Generators → IEC Low Voltage AC Motors → Smoke Extraction Motors

