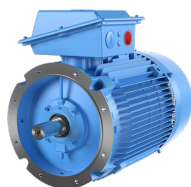


PRODUCT-DETAILS

3GBA282270-BDF

IE3 Premium Efficiency Cast Iron Motor 90 kW, 400 V (3GBA282270-BDF)



General Information

Product ID	3GBA282270-BDF
ABB Type Designation	M2BAX 280SMG 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motor 90 kW, 400 V (3GBA282270-BDF)

Additional Information

ABB Type Designation	M2BAX 280SMG 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/C3
Bearing NDE	6316/C3
Connection Configuration	D
Country of Origin	China (CN) Poland (PL)
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	90.00 kW	1482 r/min	93.10 A	0.850	95.20 %	578.79 N-m	8.40
D	--	50 Hz	400 V	90.00 kW	1482 r/min	161.00 A	0.850	95.20 %	579.79 N-m	8.40
Y	--	50 Hz	660 V	90.00 kW	1479 r/min	95.50 A	0.870	95.20 %	579.59 N-m	7.50
D	--	50 Hz	380 V	90.00 kW	1479 r/min	165.00 A	0.870	95.20 %	580.59 N-m	7.50

Frame Material	Cast Iron
Frame Size	280
Frequency (f)	50 Hz
Gross Weight	613 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.2 % Partial Load (75%) 95.3 % Partial Load (50%) 95.2 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.4 % Partial Load (75%) 95.3 % Partial Load (50%) 94.6 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M2BAX 280SMG 4
IP Class	IP55
Made To Order	No
Medium Description	90kW, 4 Poles, Frame Size 280, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA282270-BDF)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	90 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1012 mm
Product Net Height	775 mm
Product Net Weight	593 kg
Product Net Width	530 mm
Product Type	EBA3_M2BAX_CI
Quote Only	No
Replaced Product ID (OLD)	3GBA282230-BDM188 3GBA282230-BDM
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)
Selling Unit of Measure	piece
Short Description	90kW, 4P, Frame Size 280, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End 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 → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors

