
PRODUCT-DETAILS

3GBA283260-ADF

IE3 Premium Efficiency Cast Iron Motor 45 kW, 400 V (3GBA283260-ADF)



General Information

Product ID	3GBA283260-ADF
ABB Type Designation	M2BAX 280SMF 6
Catalog Description	IE3 Premium Efficiency Cast Iron Motor 45 kW, 400 V (3GBA283260-ADF)

Additional Information

ABB Type Designation	M2BAX 280SMF 6
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	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	986 r/min	50.20 A	0.800	93.70 %	433.50 N-m	7.70
D	--	50 Hz	400 V	45.00 kW	986 r/min	86.60 A	0.800	93.70 %	433.50 N-m	7.70
Y	--	50 Hz	660 V	45.00 kW	985 r/min	51.20 A	0.820	93.70 %	434.03 N-m	7.10
D	--	50 Hz	380 V	45.00 kW	985 r/min	89.00 A	0.820	93.70 %	434.03 N-m	7.10

Frame Material	Cast Iron
Frame Size	280
Frequency (f)	50 Hz
Gross Weight	544 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 93.7 % Partial Load (75%) 94.1 % Partial Load (50%) 94.1 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.5 % Partial Load (75%) 94.4 % Partial Load (50%) 93.7 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M2BAX 280SMF 6
IP Class	IP55
Made To Order	No
Medium Description	45kW, 6 Poles, Frame Size 280, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA283260-ADF)
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Output Power	45 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	524 kg
Product Net Width	530 mm
Product Type	EBA3 M2BAX CI
Quote Only	No
Replaced Product ID (OLD)	3GBA283220-ADM188 3GBA283220-ADM
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)
Selling Unit of Measure	piece
Short Description	45kW, 6P, Frame Size 280, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
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

