



PRODUCT-DETAILS

3GBA283110-BDL

(3GBA283110-BDL)



General Information

Product ID	3GBA283110-BDL
ABB Type Designation	M2BA 280SA 6
Catalog Description	(3GBA283110-BDL)

Ordering

ABB Type Designation	M2BA 280SA 6
Product Name	3-Phase squirrel cage motor
Product Type	2BA2_M2BA_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) China (CN)
Customs Tariff Number	85015290
Replaced Product ID (OLD)	3GBA283210-BDE
Stocked At	Shanghai, China

(Warehouses)

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	400 V	45.00 kW	990 r/min	83.00 A	0.840
Y	--	50 Hz	690 V	45.00 kW	990 r/min	48.00 A	0.840
D	--	50 Hz	415 V	45.00 kW	991 r/min	82.00 A	0.820

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 92.8 % Partial Load (75%) 93.0 % Partial Load (50%) 92.1 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Cast Iron
Frame Size	280
Bearing	6217/C3
Bearing NDE	6217/C3
Lubrication	Regreasable
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Product Net Weight	500 kg
Gross Weight	520 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
---------------	---

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

