



PRODUCT-DETAILS

3GBP289221-BDG**IE2 High Efficiency Cast Iron Motors, 65 kW,
(3GBP289221-BDG)****General Information**

Product ID	3GBP289221-BDG
ABB Type Designation	M3BP 280SMB 2/4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 65 kW, (3GBP289221-BDG)

Ordering

ABB Type Designation	M3BP 280SMB 2/4
Invoice Description	M3BP 280SMB 2/4
Product Name	3-Phase squirrel cage motor
Product Type	3BP2_M3BP_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015290

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	65.00 kW	2979 r/min	112.00 A	0.890	93.00 %	208.00 N-m	7.50
D	--	50 Hz	400 V	33.00 kW	1488 r/min	67.00 A	0.770	92.80 %	212.00 N-m	6.70

Temperature Class Default	--
Output Power	65 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	Yes
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Cast Iron
Frame Size	280
Bearing	6316/C3
Bearing NDE	6316/C3
IM Class	IMB5 IM3001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Weight	665 kg
Gross Weight	685 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)

Classifications

UNSPSC	26101100 39120000
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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 → IE2 High Efficiency Cast Iron Motors

