



 PRODUCT-DETAILS

3GBP456530-BDG

IE2 High Efficiency Cast Iron Motors, 355 kW, 400 V (3GBP456530-BDG)



General Information

Product ID	3GBP456530-BDG
ABB Type Designation	M3BP 450LC 12
Catalog Description	IE2 High Efficiency Cast Iron Motors, 355 kW, 400 V (3GBP456530-BDG)

Ordering

ABB Type Designation	M3BP 450LC 12
Invoice Description	M3BP 450LC 12
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)
Customs Tariff Number	85015381
Medium Description	355kW, 12 Poles, Frame Size 450, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP456530-BDG)
Short Description	355kW, 12P, Frame Size 450, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed
D	--	50 Hz	400 V	355.00 kW	500 r/min
Y	--	50 Hz	690 V	355.00 kW	500 r/min
D	--	50 Hz	415 V	355.00 kW	500 r/min

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	355 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)	12
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Cast Iron
Frame Size	450
Bearing	6326M/C3
Bearing NDE	6322/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Depth / Length	2187 mm
Product Net Height	1169 mm
Product Net Width	966 mm
Product Net Weight	4550 kg
Gross Weight	4590 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

