



PRODUCT-DETAILS

3GRP454512-ADG
M3RP 450LA 8

General Information

Product ID	3GRP454512-ADG
ABB Type Designation	M3RP 450LA 8
Catalog Description	M3RP 450LA 8

Ordering

ABB Type Designation	M3RP 450LA 8
Invoice Description	M3RP 450LA 8
Product Name	3-Phase squirrel cage motor
Product Type	3RP0__M3RP_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015381

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	Operational Voltage
D	--	50 Hz	400 V	120.00 kW	342 r/min	265.00 A	0.690	94.70 %	3350.00 N·m	0.00	400 V

Temperature Class Default	--
Motor Operational Voltage	400 V
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC410

IE Class Data (50 Hz)

IE Class NA
Full Load (100%) 94.7 %
Partial Load (75%) 94.4 %
Partial Load (50%) 93.3 %

IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	8
Two Speed Motor	No
Type of Duty	S9
Voltage Code	D

Mechanical

Frame Material	Cast Iron
Frame Size	450
Bearing	6326M/C3
Bearing NDE	6322/C3VL0241
IM Class	IMB3 IM1001
Terminator Box Location	N-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	3400 kg
Gross Weight	3440 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Roller Table Motors → Roller Table Induction Motors