

PRODUCT-DETAILS

3GBP091510-ADL

IE3 Premium Efficiency Cast Iron Motor, 2.2 kW, 400 V (3GBP091510-ADL)

For sale but "Obsolete", replaced by



General Information

Product ID	3GBP091510-ADL
ABB Type Designation	M3BP 90LA 2
Catalog Description	IE3 Premium Efficiency Cast Iron Motor, 2.2 kW, 400 V (3GBP091510-ADL)

Ordering

ABB Type Designation	M3BP 90LA 2
Invoice Description	M3BP 90LA 2
Product Name	3-Phase squirrel cage motor
Product Type	5BP3 M3BP CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany Shanghai, China

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	2.20 kW	2900 r/min	2.30 A	0.890	85.90 %	7.20 N·m	8.30
D	--	50 Hz	400 V	2.20 kW	2900 r/min	4.00 A	0.890	85.90 %	7.20 N·m	8.30
D	--	50 Hz	415 V	2.20 kW	2910 r/min	3.90 A	0.880	85.90 %	7.20 N·m	8.90
D	--	60 Hz	440 V	2.20 kW	3507 r/min	3.60 A	0.890	86.50 %	5.90 N·m	9.10
D	--	60 Hz	460 V	2.20 kW	3517 r/min	3.50 A	0.880	86.50 %	5.90 N·m	9.90

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	2.2 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 85.9 % Partial Load (75%) 87.1 % Partial Load (50%) 86.9 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 86.5 % Partial Load (75%) 87.1 % Partial Load (50%) 85.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Cast Iron
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	390 mm
Product Net Height	218 mm
Product Net Width	170 mm
Product Net Weight	30 kg
Gross Weight	33 kg

Classifications	
UNSPSC	26101100 39120000
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

