



 PRODUCT-DETAILS

3GBP092322-CDB

IE2 High Efficiency Cast Iron Motors, 1.1 kW,
400 V (3GBP092322-CDB)



General Information

Product ID	3GBP092322-CDB
ABB Type Designation	M3BP 90SLB 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 1.1 kW, 400 V (3GBP092322-CDB)

Ordering

ABB Type Designation	M3BP 90SLB 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	Spain (ES) Finland (FI) China (CN)
Customs Tariff Number	85015220
Medium Description	1.1kW, 4 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GBP092322-CDB)

Short Description

1.1kW, 4P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB14/IM3601

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	1.10 kW	1435 r/min	1.37 A	0.800	81.40 %	7.30 N·m	6.50
D	--	50 Hz	400 V	1.10 kW	1435 r/min	2.36 A	0.800	81.40 %	7.30 N·m	6.50
D	--	60 Hz	460 V	1.10 kW	1740 r/min	2.11 A	0.770	84.00 %	6.00 N·m	7.50

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	1.1 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 81.4 % Partial Load (75%) 82.0 % Partial Load (50%) 80.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 84.0 % Partial Load (75%) 83.6 % Partial Load (50%) 81.0 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
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
Lubrication	For life
IM Class	IMB14 IM3601
Terminator Box Location	Top

Dimensions

Package Level 1 Units	1 carton
Product Net Depth / Length	357 mm

Product Net Height	219 mm
Product Net Width	177 mm
Product Net Weight	25 kg
Gross Weight	28 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

