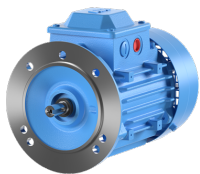


PRODUCT-DETAILS

3GBA093110-BDC

IE2 High Efficiency Cast Iron Motors, 0.75 kW, 400 V (3GBA093110-BDC)



General Information	
Product ID	3GBA093110-BDC
ABB Type Designation	M2BAX 90SA 6
Catalog Description	IE2 High Efficiency Cast Iron Motors, 0.75 kW, 400 V (3GBA093110-BDC)

Ordering	
ABB Type Designation	M2BAX 90SA 6
Invoice Description	M2BAX 90SA 6
Product Name	3-Phase squirrel cage motor
Product Type	EBA2__M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Shanghai, China
Medium Description	0.75kW, 6 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA093110-BDC)

Short Description

0.75kW, 6P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.75 kW	951 r/min	1.36 A	0.600	75.90 %	7.60 N·m	4.90
D	--	50 Hz	400 V	0.75 kW	951 r/min	2.36 A	0.600	75.90 %	7.60 N·m	4.90
Y	--	50 Hz	660 V	0.75 kW	945 r/min	1.33 A	0.650	75.90 %	7.57 N·m	4.80
D	--	50 Hz	380 V	0.75 kW	945 r/min	2.30 A	0.650	75.90 %	7.57 N·m	4.80
D	--	60 Hz	440 V	0.75 kW	1152 r/min	2.12 A	0.590	73.00 %	6.21 N·m	5.50
D	--	60 Hz	460 V	0.75 kW	1158 r/min	2.19 A	0.560	73.00 %	6.18 N·m	5.50

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	0.75 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 75.9 % Partial Load (75%) 73.3 % Partial Load (50%) 68.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 73.0 % Partial Load (75%) 68.8 % Partial Load (50%) 61.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
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	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth /	351 mm

Length	
Product Net Height	217 mm
Product Net Width	195 mm
Product Net Weight	22 kg
Gross Weight	25 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)

Classifications

UNSPSC	26101100
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Categories

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

