

PRODUCT-DETAILS

3GAA091540-ASK

IE3 Premium Efficiency Aluminum Motor, 2.75 kW, 400 V (3GAA091540-ASK)



General Information

Product ID	3GAA091540-ASK
ABB Type Designation	M3AA 90LD 2
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 2.75 kW, 400 V (3GAA091540-ASK)

Additional Information

ABB Type Designation	M3AA 90LD 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Connection Configuration	Y
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	2.75 kW	2872 r/min	5.40 A	0.830	87.10 %	9.14 N·m	7.50
D	--	50 Hz	230 V	2.75 kW	2872 r/min	9.35 A	0.830	87.10 %	9.14 N·m	7.50
Y	--	50 Hz	380 V	2.75 kW	2863 r/min	5.58 A	0.860	87.00 %	9.13 N·m	6.90
D	--	50 Hz	220 V	2.75 kW	2863 r/min	9.65 A	0.860	87.00 %	9.13 N·m	6.90
Y	--	50 Hz	415 V	2.75 kW	2878 r/min	5.56 A	0.790	87.10 %	9.12 N·m	7.70
Y	--	60 Hz	460 V	2.75 kW	3497 r/min	4.69 A	0.820	86.50 %	8.00 N·m	7.10

Frame Material

Aluminum

Frame Size	90
Frequency (f)	50 Hz
Gross Weight	22.5 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 87.0 % Partial Load (75%) 87.9 % Partial Load (50%) 87.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 86.5 % Partial Load (75%) 87.4 % Partial Load (50%) 86.3 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 90LD 2
IP Class	IP55
Made To Order	No
Medium Description	2.75kW, 2 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA091540-ASK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	2.75 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	331.5 mm
Product Net Height	217 mm
Product Net Weight	19.5 kg
Product Net Width	170 mm
Product Type	3AA3__M3AA_IE3_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	2.75kW, 2P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
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 Aluminum Motors

