

PRODUCT-DETAILS

3GGP102820-ADK

Dust Ignition Proof IE3 LV Motors, 3 kW, 400 V (3GGP102820-ADK)



General Information

Product ID	3GGP102820-ADK
ABB Type Designation	M3GP 100LKB 4
Catalog Description	Dust Ignition Proof IE3 LV Motors, 3 kW, 400 V (3GGP102820-ADK)

Additional Information

ABB Type Designation	M3GP 100LKB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	D
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	T3	50 Hz	690 V	3.00 kW	1452 r/min	3.30 A	0.830	87.70 %	19.70 N·m	7.50
D	T3	50 Hz	400 V	3.00 kW	1452 r/min	5.80 A	0.830	87.70 %	19.70 N·m	7.50
Y	T3	50 Hz	660 V	3.00 kW	1445 r/min	3.50 A	0.840	87.70 %	19.70 N·m	6.70
D	T3	50 Hz	380 V	3.00 kW	1445 r/min	6.10 A	0.840	87.70 %	19.70 N·m	6.70
D	T3	50 Hz	415 V	3.00 kW	1456 r/min	5.60 A	0.820	87.70 %	19.70 N·m	8.00
D	T3	60 Hz	460 V	3.00 kW	1757 r/min	5.10 A	0.820	89.50 %	16.30 N·m	9.80

Frame Material	Cast Iron
Frame Size	100
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	54 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 87.7 % Partial Load (75%) 88.7 % Partial Load (50%) 88.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.6 % Partial Load (50%) 88.2 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3GP 100LKB 4
IP Class	IP55
Made To Order	No
Medium Description	3kW, 4 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP102820-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	3 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	435 mm
Product Net Height	247 mm
Product Net Weight	49 kg
Product Net Width	200 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	3kW, 4P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Temperature Class Default	T3
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Dust Ignition Proof Motors → Dust Ignition Proof IE3 LV Motors

