



 PRODUCT-DETAILS

3GKP112370-JSK

Flameproof IE3 Premium Efficiency LV Motors, 4 kW, 400 V (3GKP112370-JSK)



General Information

Product ID	3GKP112370-JSK
ABB Type Designation	M3KP 112MG 4
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 4 kW, 400 V (3GKP112370-JSK)

Ordering

ABB Type Designation	M3KP 112MG 4
Invoice Description	M3KP 112MG 4
Product Name	3-Phase squirrel cage motor
Product Type	3KP3_M3KP_IE3_Flameproof_Exde_motor
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015220
Medium Description	4kW, 4 Poles, Frame Size 112, 3 Phases, 400V, 50Hz, IP55 Enclosure,

IMB34/IM2101 Mounting (3GKP112370-JSK)

Short Description 4kW, 4P, Frame Size 112, 3PH, 400V, 50Hz, IP55, IMB34/IM2101

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	400 V	4.00 kW	1454 r/min	8.70 A	0.750	88.70 %	26.30 N-m	7.50
D	T4	50 Hz	230 V	4.00 kW	1454 r/min	15.10 A	0.750	88.70 %	26.30 N-m	7.50
Y	T4	50 Hz	380 V	4.00 kW	1447 r/min	8.90 A	0.770	88.60 %	26.40 N-m	6.80
D	T4	50 Hz	220 V	4.00 kW	1447 r/min	15.40 A	0.770	88.60 %	26.40 N-m	6.80
Y	T4	50 Hz	415 V	4.00 kW	1458 r/min	8.60 A	0.730	88.90 %	26.20 N-m	7.90
Y	T4	60 Hz	460 V	4.00 kW	1760 r/min	7.60 A	0.740	89.80 %	21.70 N-m	8.80

Connection Configuration	Y
Temperature Class Default	T4
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	4 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 88.6 % Partial Load (75%) 89.5 % Partial Load (50%) 89.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 89.8 % Partial Load (75%) 89.7 % Partial Load (50%) 88.3 %
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	S
EX-Protection	Exdbeb
Gas Group	IIB

Mechanical

Frame Material	Cast Iron
Frame Size	112
Bearing	6206-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB34 IM2101
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	485 mm
Product Net Height	309 mm
Product Net Width	230 mm
Product Net Weight	71 kg
Gross Weight	76 kg

Environmental

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

UNSPSC	26101100
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Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

