



 PRODUCT-DETAILS

3GKP132270-BSK

Flameproof IE3 Premium Efficiency LV Motors, 7,5 kW, 400 V (3GKP132270-BSK)



General Information

Product ID	3GKP132270-BSK
ABB Type Designation	M3KP 132SMG 4
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors. 7.5 kW, 400 V (3GKP132270-BSK)

Ordering

ABB Type Designation	M3KP 132SMG 4
Invoice Description	M3KP 132SMG 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)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GKP132240-BSL
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GKP132270-BSK)

Short Description 7.5kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	400 V	7.50 kW	1457 r/min	14.80 A	0.810	90.40 %	49.10 N·m	7.30
D	T4	50 Hz	230 V	7.50 kW	1457 r/min	25.70 A	0.810	90.40 %	49.10 N·m	7.30
Y	T4	50 Hz	380 V	7.50 kW	1451 r/min	15.50 A	0.820	90.40 %	49.10 N·m	6.50
D	T4	50 Hz	220 V	7.50 kW	1451 r/min	26.70 A	0.820	90.40 %	49.10 N·m	6.50
Y	T4	50 Hz	415 V	7.50 kW	1461 r/min	14.60 A	0.790	90.60 %	49.10 N·m	7.80
Y	T4	60 Hz	460 V	7.50 kW	1763 r/min	12.80 A	0.800	91.80 %	40.80 N·m	8.40

Connection Configuration	Y
Temperature Class	T4
Default	
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	7,5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 90.4 % Partial Load (75%) 91.4 % Partial Load (50%) 91.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.8 % Partial Load (75%) 92.2 % Partial Load (50%) 91.7 %
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	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	576 mm
Product Net Height	346 mm
Product Net Width	294 mm
Product Net Weight	110 kg
Gross Weight	115 kg

Environmental

WEEE Category

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

Classifications

UNSPSC

26101100

Categories

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

