

PRODUCT-DETAILS

3GKP102820-ASK

Flameproof IE3 Premium Efficiency LV Motors, 3 kW, 400 V (3GKP102820-ASK)



General Information

Product ID	3GKP102820-ASK
ABB Type Designation	M3KP 100LKB 4
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 3 kW, 400 V (3GKP102820-ASK)

Additional Information

ABB Type Designation	M3KP 100LKB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	Y
Country of Origin	Finland (FI) Poland (PL)
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	T4	50 Hz	400 V	3.00 kW	1452 r/min	5.80 A	0.830	89.40 %	19.70 N-m	7.50
D	T4	50 Hz	230 V	3.00 kW	1452 r/min	10.10 A	0.830	89.40 %	19.70 N-m	7.50
Y	T4	50 Hz	380 V	3.00 kW	1445 r/min	6.10 A	0.840	88.70 %	19.70 N-m	6.70
D	T4	50 Hz	220 V	3.00 kW	1445 r/min	10.50 A	0.840	88.70 %	19.70 N-m	6.70
Y	T4	50 Hz	415 V	3.00 kW	1456 r/min	5.60 A	0.820	89.60 %	19.70 N-m	8.00
Y	T4	60 Hz	460 V	3.00 kW	1757 r/min	5.10 A	0.820	90.20 %	16.30 N-m	10.40

EX-Protection	Exdbeb
Frame Material	Cast Iron
Frame Size	100
Frequency (f)	50 Hz
Gas Group	IIB
Gross Weight	75 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 88.7 % Partial Load (75%) 90.2 % Partial Load (50%) 90.7 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 90.2 % Partial Load (75%) 90.3 % Partial Load (50%) 89.0 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3KP 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 (3GKP102820-ASK)
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	501 mm
Product Net Height	297 mm
Product Net Weight	70 kg
Product Net Width	217 mm
Product Type	3KP3__M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Replaced Product ID (OLD)	3GKP102520-ASL
Selling Unit of Measure	piece
Short Description	3kW, 4P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	T4
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 → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

