

PRODUCT-DETAILS

3GKP083470-ASK

Flameproof IE3 Premium Efficiency LV Motors, 0,55 kW, 400 V (3GKP083470-ASK)



General Information

Product ID	3GKP083470-ASK
ABB Type Designation	M3KP 80MLG 6
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 0,55 kW, 400 V (3GKP083470-ASK)

Additional Information

ABB Type Designation	M3KP 80MLG 6
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	85015100
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	0.55 kW	937 r/min	1.56 A	0.630	77.20 %	5.60 N-m	4.40
D	T4	50 Hz	230 V	0.55 kW	937 r/min	2.70 A	0.630	77.20 %	5.60 N-m	4.40
Y	T4	50 Hz	380 V	0.55 kW	928 r/min	1.61 A	0.650	77.20 %	5.60 N-m	4.10
D	T4	50 Hz	220 V	0.55 kW	928 r/min	2.70 A	0.650	77.20 %	5.60 N-m	4.10
Y	T4	50 Hz	415 V	0.55 kW	941 r/min	1.58 A	0.600	77.20 %	5.60 N-m	4.60
Y	T4	60 Hz	460 V	0.55 kW	1142 r/min	1.37 A	0.610	81.70 %	4.60 N-m	5.20

EX-Protection	Exdbeb
Frame Material	Cast Iron
Frame Size	80
Frequency (f)	50 Hz
Gas Group	IIB
Gross Weight	45 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 77.2 % Partial Load (75%) 77.3 % Partial Load (50%) 74.8 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 81.7 % Partial Load (75%) 81.9 % Partial Load (50%) 79.5 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
IP Class	IP55
Made To Order	No
Medium Description	0.55kW, 6 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP083470-ASK)
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Output Power	0,55 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	409 mm
Product Net Height	250 mm
Product Net Weight	42 kg
Product Net Width	173 mm
Product Type	3KP3_M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Replaced Product ID (OLD)	3GKP093010-ASL
Selling Unit of Measure	piece
Short Description	0.55kW, 6P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
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

