

PRODUCT-DETAILS

# 3GKP104520-ADH

## M3KP 100LB 8



### General Information

Product ID	3GKP104520-ADH
ABB Type Designation	M3KP 100LB 8
Catalog Description	M3KP 100LB 8

### Additional Information

ABB Type Designation	M3KP 100LB 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6206-2Z/C3
Bearing NDE	6206-2Z/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
EX-Protection	Exde

#### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	1.10 kW	717 r/min	2.08 A	0.570	70.80 %	14.60 N·m	3.70
D	T4	50 Hz	400 V	1.10 kW	717 r/min	3.60 A	0.570	70.80 %	14.60 N·m	3.70
D	T4	50 Hz	415 V	1.10 kW	719 r/min	4.20 A	0.480	70.80 %	14.60 N·m	3.30

Gas Group	IIB
Gross Weight	65 kg
IC Class	IC411

## IE Class Data (50 Hz)

IE Class IE1  
 Full Load (100%) 70.4 %  
 Partial Load (75%) 67.1 %  
 Partial Load (50%) 59.5 %

IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3KP 100LB 8
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	60 kg
Product Type	3KP2__M3KP_IE2_Flameproof_Exde_motor
Quote Only	No
Replaced Product ID (OLD)	3GKP104520-ADG
Replacement Product ID (NEW)	3GKP104520-ADJ
Selling Unit of Measure	piece
Temperature Class Default	T4
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE2 High Efficiency LV Motors

