



## PRODUCT-DETAILS

# 3GKP183420-ADH

## (3GKP183420-ADH)



### General Information

Product ID	3GKP183420-ADH
ABB Type Designation	M3KP 180MLB 6
Catalog Description	(3GKP183420-ADH)

### Ordering

ABB Type Designation	M3KP 180MLB 6
Invoice Description	M3KP 180MLB 6
Product Name	3-Phase squirrel cage motor
Product Type	3KP2__M3KP_IE2_Flameproof_Exde_motor
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GKP183420-ADG

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	15.00 kW	973 r/min	16.90 A	0.820	89.70 %	147.30 N-m	6.70
D	T4	50 Hz	400 V	15.00 kW	973 r/min	29.70 A	0.820	89.70 %	147.30 N-m	6.80
D	T4	50 Hz	415 V	15.00 kW	975 r/min	29.30 A	0.800	89.80 %	147.00 N-m	7.20

Temperature Class Default	T4
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 89.7 % Partial Load (75%) 90.3 % Partial Load (50%) 89.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exdbeb
Gas Group	IIB

## Mechanical

Frame Material	Cast Iron
Frame Size	180
Bearing	6310/C3
Bearing NDE	6310/C3
IM Class	IMB3 IM1001
Terminator Box Location	Top

## Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Weight	298 kg
Gross Weight	308 kg

## Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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## Classifications

UNSPSC	26101100
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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

