



## PRODUCT-DETAILS

# 3GKP183430-ASH

## (3GKP183430-ASH)



### General Information

Product ID	3GKP183430-ASH
ABB Type Designation	M3KP 180MLC 6
Catalog Description	(3GKP183430-ASH)

### Ordering

ABB Type Designation	M3KP 180MLC 6
Invoice Description	HIGH OUTPUT
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

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	400 V	18.50 kW	971 r/min	37.20 A	0.740	90.10 %	181.20 N-m	7.30
D	T4	50 Hz	230 V	18.50 kW	971 r/min	69.70 A	0.740	90.10 %	181.20 N-m	7.30
Y	T4	50 Hz	415 V	18.50 kW	976 r/min	41.30 A	0.710	89.90 %	181.00 N-m	7.50

Temperature Class Default	T4
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 89.9 % Partial Load (75%) 89.6 % Partial Load (50%) 87.8 %
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	S
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

