



PRODUCT-DETAILS

3GKP183430-BSH

(3GKP183430-BSH)



General Information

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

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	IMB5 IM3001
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

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

