



PRODUCT-DETAILS

3GKP165430-ADH

(3GKP165430-ADH)



General Information

Product ID	3GKP165430-ADH
ABB Type Designation	M3kP 160MLC 10
Catalog Description	(3GKP165430-ADH)

Ordering

ABB Type Designation	M3kP 160MLC 10
Invoice Description	M3kP 160MLC 10
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	85015220
Replaced Product ID (OLD)	3GKP165430-ADG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	5.50 kW	567 r/min	9.50 A	0.610	79.30 %	92.60 N·m	3.80
D	T4	50 Hz	400 V	5.50 kW	567 r/min	16.40 A	0.610	79.30 %	92.60 N·m	3.80
D	T4	50 Hz	415 V	5.50 kW	569 r/min	16.30 A	0.590	79.60 %	92.00 N·m	4.00

Temperature Class	T4
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 79.6 % Partial Load (75%) 82.4 % Partial Load (50%) 75.5 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	10
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exdbee
Gas Group	IIB

Mechanical

Frame Material	Cast Iron
Frame Size	160
Bearing	6309/C3
Bearing NDE	6309/C3
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Weight	247 kg
Gross Weight	257 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

