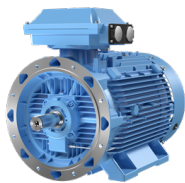




PRODUCT-DETAILS

3GKP312220-ADG

Flameproof IE2 High Efficiency Motors, 132 kW, (3GKP312220-ADG)



General Information	
Product ID:	3GKP312220-ADG
ABB Type Designation:	M3KP 315SMB 4
Catalog Description:	Flameproof IE2 High Efficiency Motors, 132 kW, (3GKP312220-ADG)
Display Name:	3GKP312220-ADG

Ordering	
ABB Type Designation:	M3KP 315SMB 4
Invoice Description:	M3KP 315SMB 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3KP2__M3KP_IE2_Flameproof_Ex_db_eb_motor
Country of Origin:	Finland
Customs Tariff Number:	85015381
Medium Description:	?kW, 4P, Frame Size 315, 3 Phases, 400V, ?Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP312220-ADG)

Short Description: ?kW, 4P, Frame Size 315, 3PH, 400V, ?Hz, IP55, IMB3/IM1001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	132.00 kW	1487 r/min	134.00 A	0.860	95.40 %	847.00 N·m	7.10
D	T4	50 Hz	400 V	132.00 kW	1487 r/min	232.00 A	0.860	95.40 %	847.00 N·m	7.10
D	T4	50 Hz	415 V	132.00 kW	1488 r/min	226.00 A	0.850	95.40 %	847.00 N·m	7.60

Temperature Class Default:	T4
Output Power:	132 kW
Altitude:	1000 m
Ambient Temperature:	40 °C
IC Class:	IC411
IE Class Data (50 Hz):	IE Class IE2 Full Load (100%) 95.4 % Partial Load (75%) 95.3 % Partial Load (50%) 94.5 %
IP Class:	IP55
Insulation Class:	ICLF
Direction of Rotation:	Both sides
Number of Poles (High):	4
Two Speed Motor:	No
Type of Duty:	S1
Voltage Code:	D
EX-Protection:	Exdbeb
Gas Group:	IIB

Mechanical

Frame Material:	Cast Iron
Frame Size:	315
Bearing:	6319/C3
Bearing NDE:	6316/C3
IM Class:	IMB3 IM1001
Terminator Box Location:	Top

Dimensions

Product Net Weight:	980 kg
Gross Weight:	1000 kg

Environmental	
WEEE Category:	4. Large Equipment (Any External Dimension More Than 50 cm)

External Classifications and Standards	
UNSPSC:	26101100

Categories	
Products > Motors and Generators > IEC Low Voltage AC Motors > Motors for Explosive Atmospheres > Flameproof IE2 High Efficiency Motors	

