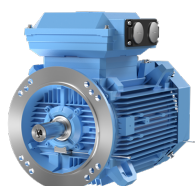


PRODUCT-DETAILS

3GKP224220-BDK

Flameproof IE3 Premium Efficiency LV Motors, 22 kW, 400 V (3GKP224220-BDK)



General Information

Product ID	3GKP224220-BDK
ABB Type Designation	M3KP 225SMB 8
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 22 kW, 400 V (3GKP224220-BDK)

Additional Information

ABB Type Designation	M3KP 225SMB 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6313/C3
Bearing NDE	6312/C3
Connection Configuration	D
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	22.00 kW	736 r/min	27.40 A	0.730	90.60 %	285.00 N·m	5.30
D	T4	50 Hz	400 V	22.00 kW	736 r/min	47.50 A	0.730	90.60 %	285.00 N·m	5.30
Y	T4	50 Hz	660 V	22.00 kW	734 r/min	28.30 A	0.750	90.60 %	286.00 N·m	4.80
D	T4	50 Hz	380 V	22.00 kW	734 r/min	49.00 A	0.750	90.60 %	286.00 N·m	4.80
D	T4	50 Hz	415 V	22.00 kW	737 r/min	46.80 A	0.710	90.60 %	285.00 N·m	5.70
D	T4	60 Hz	460 V	22.00 kW	889 r/min	41.70 A	0.710	91.70 %	236.00 N·m	6.00

EX-Protection	Exdbeb
Frame Material	Cast Iron
Frame Size	225
Frequency (f)	50 Hz
Gas Group	IIB
Gross Weight	445 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 90.6 % Partial Load (75%) 91.4 % Partial Load (50%) 90.9 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 92.2 % Partial Load (50%) 91.6 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
IP Class	IP55
Made To Order	No
Medium Description	22kW, 8 Poles, Frame Size 225, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GKP224220-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	22 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	901 mm
Product Net Height	620 mm
Product Net Weight	435 kg
Product Net Width	432 mm
Product Type	3KP3__M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Short Description	22kW, 8P, Frame Size 225, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Temperature Class Default	T4
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

