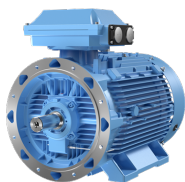


PRODUCT-DETAILS

3GKP284220-BDL**M3KP 280SMB 8****General Information**

Product ID	3GKP284220-BDL
ABB Type Designation	M3KP 280SMB 8
Catalog Description	M3KP 280SMB 8

Additional Information

ABB Type Designation	M3KP 280SMB 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/C3
Bearing NDE	6316/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
Direction of Rotation	Both sides
EX-Protection	Exde
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	45.00 kW	741 r/min	51.70 A	0.780	92.20 %	579.00 N·m	7.60
D	T4	50 Hz	400 V	45.00 kW	741 r/min	89.60 A	0.780	92.20 %	579.00 N·m	7.60
D	T4	50 Hz	415 V	45.00 kW	742 r/min	88.30 A	0.760	92.20 %	579.00 N·m	8.00
D	T4	60 Hz	440 V	45.00 kW	891 r/min	80.30 A	0.790	92.40 %	482.00 N·m	7.90
D	T4	60 Hz	460 V	45.00 kW	892 r/min	78.80 A	0.770	92.40 %	482.00 N·m	8.50

Gas Group	IIB
Gross Weight	685 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.2 % Partial Load (75%) 92.1 % Partial Load (50%) 90.9 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 92.4 % Partial Load (75%) 92.1 % Partial Load (50%) 90.6 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3KP 280SMB 8
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	665 kg
Product Type	5KP3__M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Temperature Class Default	T4
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
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

