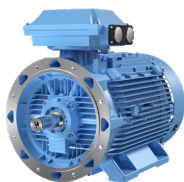


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PRODUCT-DETAILS

# 3GKP282230-ADL

## M3KP 280SMC 4




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### General Information

Product ID	3GKP282230-ADL
ABB Type Designation	M3KP 280SMC 4
Catalog Description	M3KP 280SMC 4

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### Additional Information

ABB Type Designation	M3KP 280SMC 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/C3
Bearing NDE	6316/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015381
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	90.00 kW	1485 r/min	92.00 A	0.860	95.20 %	578.00 N·m	7.10
D	T4	50 Hz	400 V	90.00 kW	1485 r/min	158.00 A	0.860	95.20 %	578.00 N·m	7.10
D	T4	50 Hz	415 V	90.00 kW	1486 r/min	155.00 A	0.850	95.20 %	578.00 N·m	7.60
D	T4	60 Hz	440 V	90.00 kW	1785 r/min	144.00 A	0.860	95.40 %	481.00 N·m	7.50
D	T4	60 Hz	460 V	90.00 kW	1786 r/min	139.00 A	0.850	95.40 %	481.00 N·m	8.20

Gas Group	IIB
Gross Weight	749 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.2 % Partial Load (75%) 95.2 % Partial Load (50%) 94.5 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.4 % Partial Load (75%) 95.2 % Partial Load (50%) 94.2 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3KP 280SMC 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	729 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

