

PRODUCT-DETAILS

# 3GKP351230-ADK

## Flameproof IE3 Premium Efficiency LV Motors, 315 kW, 400 V (3GKP351230-ADK)




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### General Information

Product ID	3GKP351230-ADK
ABB Type Designation	M3KP 355SMC 2
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 315 kW, 400 V (3GKP351230-ADK)

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### Additional Information

ABB Type Designation	M3KP 355SMC 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316M/C3
Bearing NDE	6316M/C3
Connection Configuration	D
Country of Origin	Finland (FI)
Customs Tariff Number	85015381
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	315.00 kW	2984 r/min	309.00 A	0.890	96.40 %	1008.00 N-m	7.80
D	T4	50 Hz	400 V	315.00 kW	2984 r/min	533.00 A	0.890	96.40 %	1008.00 N-m	7.80
Y	T4	50 Hz	660 V	315.00 kW	2982 r/min	320.00 A	0.900	96.40 %	1008.00 N-m	7.10
D	T4	50 Hz	380 V	315.00 kW	2982 r/min	556.00 A	0.900	96.40 %	1008.00 N-m	7.10
D	T4	50 Hz	415 V	315.00 kW	2985 r/min	520.00 A	0.880	96.40 %	1007.00 N-m	8.40
D	T4	60 Hz	460 V	315.00 kW	3586 r/min	466.00 A	0.890	96.10 %	839.00 N-m	8.70

EX-Protection		Exdbeb
Frame Material		Cast Iron
Frame Size		355
Frequency (f)		50 Hz
Gas Group		IIB
Gross Weight		1823 kg
IC Class		IC411
IE Class Data (50 Hz)		IE Class IE3 Full Load (100%) 96.4 % Partial Load (75%) 96.3 % Partial Load (50%) 95.7 %
IE Class Data (60 Hz)		IE Class IE3 Full Load (100%) 96.1 % Partial Load (75%) 95.8 % Partial Load (50%) 94.8 %
IM Class		IMB3 IM1001
Input Voltage (U <sub>in</sub> )		400 V
Insulation Class		ICLF
Invoice Description		M3KP 355SMC 2
IP Class		IP55
Made To Order		No
Medium Description		315kW, 2 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP351230-ADK)
Minimum Order Quantity		1 piece
Number of Poles (High)		2
Order Multiple		1 piece
Output Power		315 kW
Package Level 1 Units		0 pallet (lift)
Product Name		3-Phase squirrel cage motor
Product Net Depth / Length		1409 mm
Product Net Height		984 mm
Product Net Weight		1793 kg
Product Net Width		700 mm
Product Type		3KP3_M3KP_IE3_Flameproof_Exde_motor
Quote Only		No
Selling Unit of Measure		piece
Short Description		315kW, 2P, Frame Size 355, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Temperature Class Default		T4
Terminator Box Location		D-End 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)

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## Categories

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

