

PRODUCT-DETAILS

3GKP312810-ADL

Flameproof IE3 Premium Efficiency LV Motors, 250 kW, 400 V (3GKP312810-ADL)



General Information

Product ID	3GKP312810-ADL
ABB Type Designation	M3KP 315LKA 4
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 250 kW, 400 V (3GKP312810-ADL)

Additional Information

ABB Type Designation	M3KP 315LKA 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6319/C3
Bearing NDE	6316/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	250.00 kW	1488 r/min	256.00 A	0.850	96.00 %	1604.00 N·m	6.90
D	T4	50 Hz	400 V	250.00 kW	1488 r/min	442.00 A	0.850	96.00 %	1604.00 N·m	6.90
D	T4	50 Hz	415 V	250.00 kW	1489 r/min	431.00 A	0.840	96.00 %	1604.00 N·m	7.40

EX-Protection	Exddeb
Frame Material	Cast Iron

Frame Size	315
Frequency (f)	50 Hz
Gas Group	IIB
Gross Weight	1440 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 96.0 % Partial Load (75%) 96.1 % Partial Load (50%) 95.7 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 96.2 % Partial Load (75%) 96.2 % Partial Load (50%) 95.5 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3KP 315LKA 4
IP Class	IP55
Made To Order	No
Medium Description	250kW, 4 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP312810-ADL)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	250 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1520 mm
Product Net Height	858 mm
Product Net Weight	1420 kg
Product Net Width	590 mm
Product Type	5KP3__M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Short Description	250kW, 4P, Frame Size 315, 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)

Categories

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

