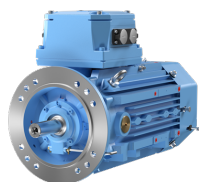


PRODUCT-DETAILS

## 3GKP164410-BDK

### Flameproof IE3 Premium Efficiency LV Motors, 4 kW, 400 V (3GKP164410-BDK)



#### General Information

Product ID	3GKP164410-BDK
ABB Type Designation	M3KP 160MLA 8
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 4 kW, 400 V (3GKP164410-BDK)

#### Additional Information

ABB Type Designation	M3KP 160MLA 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6309/C3
Bearing NDE	6309/C3
Connection Configuration	D
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
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	4.00 kW	734 r/min	5.90 A	0.650	84.80 %	52.00 N-m	4.50
D	T4	50 Hz	400 V	4.00 kW	734 r/min	10.30 A	0.650	84.80 %	52.00 N-m	4.50
Y	T4	50 Hz	660 V	4.00 kW	731 r/min	5.90 A	0.690	84.80 %	52.20 N-m	4.20
D	T4	50 Hz	380 V	4.00 kW	731 r/min	10.30 A	0.690	84.80 %	52.20 N-m	4.20
D	T4	50 Hz	415 V	4.00 kW	736 r/min	10.30 A	0.630	84.80 %	51.90 N-m	4.70
D	T4	60 Hz	460 V	4.00 kW	886 r/min	9.19 A	0.630	86.50 %	43.10 N-m	5.00

EX-Protection	Exdbeb
Frame Material	Cast Iron
Frame Size	160
Frequency (f)	50 Hz
Gas Group	IIB
Gross Weight	222 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 84.8 % Partial Load (75%) 84.7 % Partial Load (50%) 82.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 86.5 % Partial Load (75%) 86.1 % Partial Load (50%) 83.5 %
IM Class	IMB5 IM3001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
IP Class	IP55
Made To Order	No
Medium Description	4kW, 8 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GKP164410-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	4 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	808 mm
Product Net Height	499 mm
Product Net Weight	212 kg
Product Net Width	307 mm
Product Type	3KP3_M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Short Description	4kW, 8P, Frame Size 160, 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)

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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

