



 PRODUCT-DETAILS

3GKP082320-BSL

(3GKP082320-BSL)

"No longer for sale" replaced by 3GKP082470-



General Information

Product ID	3GKP082320-BSL
ABB Type Designation	M3KP 80MB 4
Catalog Description	(3GKP082320-BSL)

Ordering

ABB Type Designation	M3KP 80MB 4
Invoice Description	M3KP 80MB 4
Product Name	3-Phase squirrel cage motor
Product Type	5KP3_M3KP_IE3_Flameproof_Exde_motor
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015100

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	400 V	0.75 kW	1416 r/min	1.90 A	0.710	82.50 %	5.00 N·m	5.30
D	T4	50 Hz	230 V	0.75 kW	1416 r/min	3.31 A	0.710	82.50 %	5.00 N·m	5.30
Y	T4	50 Hz	415 V	0.75 kW	1422 r/min	1.91 A	0.680	82.50 %	4.97 N·m	5.40

Temperature Class Default	T4
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 80.0 % Partial Load (75%) 80.4 % Partial Load (50%) 77.9 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Voltage Code	S
EX-Protection	Exde
Gas Group	IIB

Mechanical

Frame Material	Cast Iron
Frame Size	80
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	31 kg
Gross Weight	34 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

UNSPSC	26101100
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Categories

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

