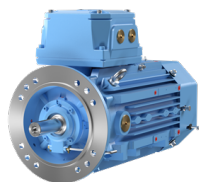




## PRODUCT-DETAILS

# 3GJP161420-BDH

## (3GJP161420-BDH)



### General Information

Product ID	3GJP161420-BDH
ABB Type Designation	M3JP 160MLB 2
Catalog Description	(3GJP161420-BDH)

### Ordering

ABB Type Designation	M3JP 160MLB 2
Invoice Description	M3JP 160MLB 2
Product Name	3-Phase squirrel cage motor
Product Type	3JP2__M3JP_IE2_Flameproof_Exd_motor
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GJP161420-BDG

Stocked At  
(Warehouses)

Menden, Germany

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	15.00 kW	2929 r/min	15.70 A	0.890	91.20 %	48.90 N·m	7.20
D	T4	50 Hz	400 V	15.00 kW	2929 r/min	27.00 A	0.890	91.20 %	48.90 N·m	7.20
D	T4	50 Hz	415 V	15.00 kW	2934 r/min	26.90 A	0.860	91.10 %	48.80 N·m	7.60

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%) 91.1 % Partial Load (75%) 91.1 % Partial Load (50%) 90.0 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exdb
Gas Group	IIB

## Mechanical

Frame Material	Cast Iron
Frame Size	160
Bearing	6309/C3
Bearing NDE	6309/C3
IM Class	IMB5 IM3001
Terminator Box Location	Top

## Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Weight	222 kg
Gross Weight	232 kg

## Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI)

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## Classifications

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UNSPSC

26101100

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## Categories

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Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE2 High Efficiency LV Motors

