



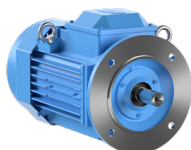

---

 PRODUCT-DETAILS

# 3GGP102420-BDL

## (3GGP102420-BDL)

"No longer for sale" replaced by 3GGP102820-




---

**General Information**

Product ID	3GGP102420-BDL
ABB Type Designation	M3GP 100MLB 4
Catalog Description	(3GGP102420-BDL)

---

**Ordering**

ABB Type Designation	M3GP 100MLB 4
Invoice Description	M3GP 100MLB 4
Product Name	3-Phase squirrel cage motor
Product Type	5GP3 M3GP CI
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	85015220

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	690 V	3.00 kW	1444 r/min	3.50 A	0.810	87.70 %	19.80 N-m	7.00
D	T3	50 Hz	400 V	3.00 kW	1444 r/min	6.10 A	0.810	87.70 %	19.80 N-m	7.00
D	T3	50 Hz	415 V	3.00 kW	1448 r/min	6.00 A	0.790	87.70 %	19.80 N-m	7.40

Temperature Class Default	T3
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 87.7 % Partial Load (75%) 88.4 % Partial Load (50%) 87.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.5 % Partial Load (75%) 88.1 % Partial Load (50%) 87.3 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exec
Gas Group	IIC

## Mechanical

Frame Material	Cast Iron
Frame Size	100
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 carton
Product Net Weight	42 kg
Gross Weight	47 kg

## Environmental

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

---

## Classifications

---

UNSPSC

26101100

---

---

## Categories

---

Motors and Generators → Motors and Generators for Explosive Atmospheres → Dust Ignition Proof Motors → Dust Ignition Proof IE3 LV Motors

