




---

 PRODUCT-DETAILS

## 3GKP203410-ADK

### Flameproof IE3 Premium Efficiency LV Motors, 18,5 kW, 400 V (3GKP203410-ADK)




---

**General Information**

Product ID	3GKP203410-ADK
ABB Type Designation	M3KP 200MLA 6
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 18,5 kW, 400 V (3GKP203410-ADK)

---

**Ordering**

ABB Type Designation	M3KP 200MLA 6
Invoice Description	M3KP 200MLA 6
Product Name	3-Phase squirrel cage motor
Product Type	3KP3__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	85015230
Medium Description	18.5kW, 6 Poles, Frame Size 200, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP203410-ADK)

Short Description 18.5kW, 6P, Frame Size 200, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

**Electrical**

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	18.50 kW	990 r/min	21.60 A	0.770	91.70 %	178.00 N-m	7.50
D	T4	50 Hz	400 V	18.50 kW	990 r/min	37.30 A	0.770	91.70 %	178.00 N-m	7.50
Y	T4	50 Hz	660 V	18.50 kW	989 r/min	21.80 A	0.800	92.70 %	178.00 N-m	7.00
D	T4	50 Hz	380 V	18.50 kW	989 r/min	37.80 A	0.800	92.70 %	178.00 N-m	7.00
D	T4	50 Hz	415 V	18.50 kW	991 r/min	37.40 A	0.740	91.70 %	178.00 N-m	7.80
D	T4	60 Hz	460 V	18.50 kW	1191 r/min	32.30 A	0.770	93.30 %	148.00 N-m	8.60

Connection Configuration	D
Temperature Class Default	T4
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	18,5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.7 % Partial Load (50%) 90.3 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.3 % Partial Load (75%) 93.2 % Partial Load (50%) 92.1 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exdbeb
Gas Group	IIB

**Mechanical**

Frame Material	Cast Iron
Frame Size	200
Bearing	6312/C3
Bearing NDE	6310/C3
IM Class	IMB3 IM1001
Terminator Box Location	Top

---

**Dimensions**

---

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	824 mm
Product Net Height	573 mm
Product Net Width	392 mm
Product Net Weight	320 kg
Gross Weight	330 kg

---

---

**Environmental**

---

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
---------------	---

---

---

**Classifications**

---

Standards	IEC 60034-1
UNSPSC	26101100

---

---

**Categories**

---

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

