




---

 PRODUCT-DETAILS

## 3GKP353230-AEL

# Flameproof IE3 Premium Efficiency LV Motors, 250 kW, 500 V (3GKP353230-AEL)




---

### General Information

Product ID	3GKP353230-AEL
ABB Type Designation	M3KP 355SMC 6
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 250 kW, 500 V (3GKP353230-AEL)

---

### Ordering

ABB Type Designation	M3KP 355SMC 6
Invoice Description	M3KP 355SMC 6
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	85015381
Medium Description	250kW, 6 Poles, Frame Size 355, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP353230-AEL)

Short Description

250kW, 6P, Frame Size 355, 3PH, 500V, 50Hz, IP55, IMB3/IM1001

## Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	T4	50 Hz	500 V	250.00 kW	993 r/min	370.00 A	0.810	95.80 %	2404.00 N-m	7.70
Connection Configuration										D
Temperature Class Default										T4
Input Voltage (U <sub>in</sub> )										500 V
Frequency (f)										50 Hz
Output Power										250 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 96.1 % Partial Load (50%) 95.8 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.8 % Partial Load (50%) 95.1 %
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										E
EX-Protection										Exdbeb
Gas Group										IIB

## Mechanical

Frame Material	Cast Iron
Frame Size	355
Bearing	6322/C3
Bearing NDE	6316/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	1479 mm
Product Net Height	968 mm
Product Net Width	700 mm
Product Net Weight	1849 kg

---

Gross Weight 1879 kg

---

---

### Environmental

---

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

---

---

### Classifications

---

UNSPSC 26101100

---

---

### Categories

---

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

