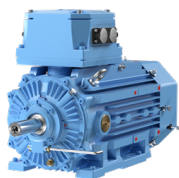




 PRODUCT-DETAILS

3GKP183410-AEK

Flameproof IE3 Premium Efficiency LV Motors, 15 kW, 500 V (3GKP183410-AEK)



General Information

Product ID	3GKP183410-AEK
ABB Type Designation	M3KP 180MLA 6
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 15 kW, 500 V (3GKP183410-AEK)

Ordering

ABB Type Designation	M3KP 180MLA 6
Invoice Description	M3KP 180MLA 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	15kW, 6 Poles, Frame Size 180, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP183410-AEK)

Short Description

15kW, 6P, Frame Size 180, 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	15.00 kW	981 r/min	24.50 A	0.770	91.20 %	146.00 N·m	5.50
D	T4	60 Hz	575 V	15.00 kW	1183 r/min	21.80 A	0.750	92.30 %	120.00 N·m	6.00

Connection

D

Configuration

Temperature Class

T4

Default

Input Voltage (U_{in})

500 V

Frequency (f)

50 Hz

Output Power

15 kW

Altitude

1000 m

Ambient Temperature

40 °C

IC Class

IC411

IE Class Data (50 Hz)

IE Class IE3
 Full Load (100%) 91.2 %
 Partial Load (75%) 91.8 %
 Partial Load (50%) 91.4 %

IE Class Data (60 Hz)

IE Class IE3
 Full Load (100%) 92.3 %
 Partial Load (75%) 92.0 %
 Partial Load (50%) 90.5 %

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

180

Bearing

6310/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

826 mm

Product Net Height

537 mm

Product Net Width	349 mm
Product Net Weight	290 kg
Gross Weight	300 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

