




---

 PRODUCT-DETAILS

## 3GBP222210-ADK

### IE3 Premium Efficiency Cast Iron Motors, 37 kW, 400 V (3GBP222210-ADK)




---

**General Information**

Product ID	3GBP222210-ADK
ABB Type Designation	M3BP 225SMA 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 37 kW, 400 V (3GBP222210-ADK)

---

**Ordering**

ABB Type Designation	M3BP 225SMA 4
Invoice Description	M3BP 225SMA 4
Product Name	3-Phase squirrel cage motor
Product Type	3BP3_M3BP_IE3_CI
Country or Territory of Origin	Finland China Poland
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GBP222051-ADK
Stocked At (Warehouses)	Menden, Germany
Medium Description	37kW, 4 Poles, Frame Size 225, 3 Phases, 400V, 50Hz, IP55 Enclosure,

IMB3/IM1001 Mounting (3GBP222210-ADK)

Short Description 37kW, 4P, Frame Size 225, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

## Electrical

### Electrical Data

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	37.00 kW	1481 r/min	40.30 A	0.820	93.90 %	235.40 N·m	8.00
D	--	50 Hz	400 V	37.00 kW	1481 r/min	69.80 A	0.820	93.90 %	235.40 N·m	8.00
Y	--	50 Hz	660 V	37.00 kW	1479 r/min	41.50 A	0.840	93.90 %	235.80 N·m	7.30
D	--	50 Hz	380 V	37.00 kW	1479 r/min	71.90 A	0.840	93.90 %	235.80 N·m	7.30
D	--	50 Hz	415 V	37.00 kW	1482 r/min	69.00 A	0.800	93.90 %	235.20 N·m	8.50
D	--	60 Hz	460 V	37.00 kW	1786 r/min	61.20 A	0.810	94.50 %	195.24 N·m	8.50

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	37 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 93.9 % Partial Load (75%) 94.0 % Partial Load (50%) 93.2 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.5 % Partial Load (75%) 94.4 % Partial Load (50%) 93.5 %
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

## Mechanical

Frame Material	Cast Iron
Frame Size	225
Bearing	6313/C3
Bearing NDE	6212/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

---

## Dimensions

Product Net Depth / Length	879 mm
Product Net Height	573 mm
Product Net Width	435 mm
Product Net Weight	398 kg
Gross Weight	408 kg

---

## Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland

---

## External Classifications and Standards

Standards	IEC 60034-1
UNSPSC	26101100

---

## Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

