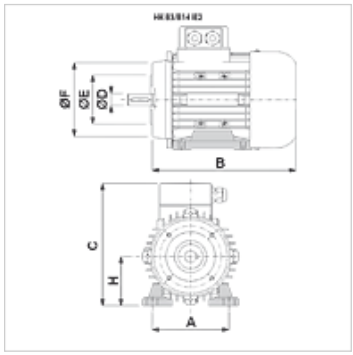
# HK B3/B14 400/690V IE3

Electric motor B3/B14 400/690V IE3

## Properties

| | |
|---|---|
| **Design** | type B3/B14<br>feet removable |
| **Protection IP** | IP 55 |
| **Ambient temperature** | -20 °C to +40 °C |
| **Material** | Housing: Aluminium<br>painted |






## Note

Progressive motor versions have a higher power rating than DIN compliant motors, but are the same build size.

## Description

Self-cooling squirrel-cage energy-saving motors
High efficiency IE3 - IEC60034-30:2009
Rated voltage 400/690V 50Hz, 460V 60Hz; 4-pin
Voltage tolerance +- 5%

## Item

| Identification | n 50 Hz (rpm) | P 50 Hz (kW) | I 50 Hz (A) | LF 50 Hz | H (mm) | A (mm) | Design | B (mm) | C (mm) | Ø D shaft (mm) | Ø E (mm) | Ø F (mm) | η (IE3) % | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HKK 410A 112MA4 IE3** | 1440 | 4,00 | 8,10 | 0,80 | 112 | 190 | - | 345 | 288 | 28 | 110 | 160 | 88,6 | 39,5 |
| **HKK 411A 112MC4 IE3** | 1440 | 5,50 | 11,10 | 0,80 | 112 | 190 | progressive | 341 | 288 | 28 | 110 | 160 | 89,6 | 43,0 |

P 50 Hz = nominal output at 400 V/50 Hz – n 50 Hz = nominal speed at 400 V/50 Hz – I 50 Hz = nominal current at 400 V/50 Hz – LF 50 Hz = cos phi power factor at 50 Hz – η (IE3) = efficiency to IE3 in % (at full load)

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