

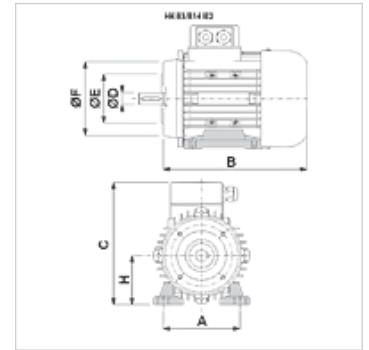
# HK B3/B14 400/690V IE3

Electric motor B3/B14 400/690V IE3

**HANSA FLEX**

## Properties

<b>Design</b>	type B3/B14 feet removable
<b>Protection IP</b>	IP 55
<b>Ambient temperature</b>	-20 °C to +40 °C
<b>Material</b>	Housing: Aluminium 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)
<b>HKK 410A 112MA4 IE3</b>	1440	4,00	8,10	0,80	112	190	-	345	288	28	110	160	88,6	39,5
<b>HKK 411A 112MC4 IE3</b>	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)