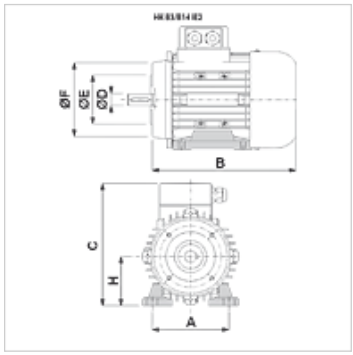
HK B3/B14 400/690V IE3

Electric motor B3/B14 400/690V IE3

Properties

Design	type B3/B14 feet removable
Protection IP	IP 55
Ambient temperature	-20 °C to +40 °C
Material	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)
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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