

HK B3/B14 230/400V IE2

Electric motor B3/B14 230/400V IE2

HANSA FLEX

Properties

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



Description

Self-cooling squirrel-cage energy-saving motors
High efficiency IE2 - IEC60034-30:2008
Rated voltage 230/400V 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) | B (mm) | C (mm) | Ø D shaft (mm) | Ø E (mm) | Ø F (mm) | η (IE2) % | Weight (kg) |
|----------------------|------------------|-----------------|----------------|----------|-----------|-----------|-----------|-----------|-------------------|-------------|-------------|-----------|----------------|
| HK K 405A 80B4 IE2 | 1430 | 0,75 | 1,90 | 0,71 | 80 | 125 | 250 | 209 | 19 | 80 | 120 | 79,6 | 11,9 |
| HK K 406A 90SA4 IE2 | 1420 | 1,10 | 2,50 | 0,77 | 90 | 140 | 275 | 230 | 24 | 95 | 140 | 81,4 | 14,9 |
| HK K 407A 90LB4 IE2 | 1430 | 1,50 | 3,40 | 0,76 | 90 | 140 | 300 | 230 | 24 | 95 | 140 | 82,8 | 17,0 |
| HK K 408A 100LA4 IE2 | 1440 | 2,20 | 4,70 | 0,79 | 100 | 160 | 338 | 256 | 28 | 110 | 160 | 84,3 | 27,2 |
| HK K 409A 100LB4 IE2 | 1440 | 3,00 | 6,50 | 0,77 | 100 | 160 | 338 | 256 | 28 | 110 | 160 | 85,5 | 26,5 |

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 (IE2) = efficiency to IE2 in % (at full load)