



IE2 Electric Motors



WEA SERIES, ALUMINIUM 3 PHASE

Three Phase High Efficiency TEFC Aluminium Induction Motor

WEA range includes:

Frame size: 80-180

Output power: 0.37kW-22kW

No. of poles: 2, 4, 6, 8

Degree of protection: IP55, IP56, IP65, IP66

Voltage: rated voltage 400V, from 220V to 690V may be supplied on request.

Frequency: 50Hz or 60Hz

Insulation class: "F" class as standard, ("H" class is available upon request).

Temperature: Class B (80K)

Enclosure: TEFC

Bearing: SKF/NTN/NSK

Basic type of construction: B3, B5, B35, B14, B34

Cooling method: IC411

IE2 efficiency testing method: IEC60034-2-1;2007

Other options can be offered as required:

- Thermal sensors: PTC, PT100 for windings and/or bearings.
- Space heater for anti-humidity.
- Driving application: NU roller bearings, angular contact bearings, insulated bearings.
- Cast iron DE cover: for larger bearings and more stable running.
- Paint suitable for hazardous environments including high humidity and highly salty areas.
- Stainless steel shaft: stronger rigidity, anti-corrosion.
- Terminal box: from D-end, can be on top, right or left (due to flexible feet mounting).
- Cable gland and blind cap: plastic, copper, steel or stainless steel. Fly lead.
- IP56, IP65, IP66.
- Power factor: 1.0, 1.15, 1.25.
- IC410, TENV enclosure.
- H-insulation class for higher temperature environments.



Tech Sheet
10727

4 Pole, 400V/50Hz, B35 (Foot & Flange) Mounting

0452	KW	Frame Size	HP	£
WEA802-4	0.75	802	1	123.30
WEA90S-4	1.1	90S	1.5	153.50
WEA90L-4	1.5	90L	2	168.35
WEA100L1-4	2.2	100L1	3	221.80
WEA100L2-4	3	100L2	4	232.35
WEA112M-4	4	112M	5.5	283.95
WEA132S-4	5.5	132S	7.5	394.05
WEA132M-4	7.5	132M	10	454.30

B3 mounting also available from stock.