

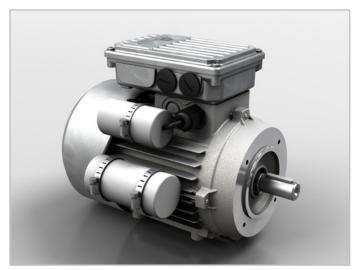


Range



High starting torque single-phase motor S/HSE

Single-phase and high starting torque single-phase motor (S and HSE), available in accordance with IEC international standards from size 063 to 100 in the versions with flange B5, B14 and with feet B3, with a power range from 0.12 kW to 2.2 kW.



- Unified dimensions and shaft height from 63 to 100
- Insulation class F
- Nominal power and dimensions complying with standard IEC 72-1 from 0,12 to 2,2 kW
- Polarity: 4
- Over-temperature compatible with class B
- Ambient temperature + 40 °C
- Altitude < 1.000 m above sea level

OptionsAccessories



- Single-phase and three-phase servo-ventilation IC416
- Insulation class **H**
- IP56, IP65, IP66 protection degrees
- Thermal protections with standard temperature in class F and available also for class H:
 - 3 PTC thermistors with temperature class suitable for the insulation class
 - 3 bimetallic temperature probes with temperature class suitable for the insulation class
- Optional voltages
- Design B34, B35
- Fast connection
- Rain cover
- Textile cover
- Aluminium fan







Other options and accessories	TS-TH	TBS-TBH	D	DB	S	HSE	TSX-THX	TBSX-TBHX
Servo-ventilation single-phase and three-phase IC416	•	•	•	•	•	•	1	1
Single-phase and three-phase servo-ventilation IC416 with anti-corrosion paint	1	1	1	1	1	1	•	•
· Not ventilated (IC410 or IC418)	•	•	•	•	•	•	•	•
· S2 service-10 min without ventilation	•	•	•	•	•	•	•	•
· Insulation class H	•	•	•	•	1	1	•	•
Degree of protection IP55	1	•	1	•	1	1	1	1
· Degree of protection IP56, IP66	•	•	•	1	1	1	• (only IP66)	• (only IP66)
Terminal cover with degree of protection IP67	1	1	1	1	1	1	•	•
· 3 PTC thermistors with temperature class suitable for the insulation class	•	•	1	1	1	1	•	•
· 3 bimetal temperature probes with temperature class suitable for the insulation class	•	•	•	•	•	•	•	•
· Optional voltages	•	•			•	•	1	1
· Design B34, B35	•	•	•	•	•	•	1	1
· Second shaft	•	•	•	•	•	•	1	1
· Rear hexagon	•	•	•	•	•	•	1	1
· Anti-condensation heaters 110V or 230V	•	•	•	•	•	•	•	•
· Condensate drain holes	•	•	•	•	•	•	•	•
· Incremental encoder and low-resolution incremental encoder	•	•	1	1	1	1	1	1
· MS brake	1	•	1	•	1	1	1	1
· ML brake	1	•	1	1	1	1	1	1
· FM-FM brake	1	•	1	1	1	1	1	1
Other accessories	1	1	1	1	1	1	1	1
Backstop device	•	•	1	1	1	1	1	1
Cable glands and metal/metal plugs	•	•	•	•	•	•	•	•
· Aluminium fan	•	•	•	•	•	•	•	•
· Fast connection	•	•	1	1	1	1	1	1
· Rain cover and textile cover	•	•	1	1	1	1	•	•
Fly-wheel (only for self-braking motors)	1	•	1	•	1	1	1	•
Release lever (only for self-braking motors)	1	•	1	•	1	1	1	•
Micro switch to open/close brake or for brake wear (only for self-braking motors)	1	•	1	1	1	1	1	•
Anti-lock braking system stainless steel ring (only for self-braking motors)	1	•	1	1	1	1	1	1
Optional straightening(only for self-braking motors)	1	•	1	•	1	1	1	•
· Sealed bearings 2RS	1	1	1	1	1	1	•	•
· Painted Blue RAL 5010	•	•	•	•	•	•	1	1
· Painted Grey RAL 9006	1	1	1	1	1	1	•	•
· Painted White RAL 9010	1	1	1	1	1	1	•	•
Other options	1	1	1	1	1	1	1	1
Atex certification	•	•	•	•	•	•	1	1
· UL/CSA certification	•	•	•	•	1	1	•	•
· Gost certification	•	•	1	1	1	1	•	•
Special design for low temperatures	•	•	•	•	•	•	•	•
Special design for high temperatures		•	•	•	•	•	•	•



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