



SERIES

Electric Motors



MOTOVARIO[®]

HEART OF MOTION

50[°] 1965-2015

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

Options **Accessories**

- **Single-phase and three-phase forced 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**
- **Second shaft extension**
- **Rear hexagon**
- **Anti-condensation heaters 110V or 230V**
- **Incremental encoder and low resolution incremental encoder**
- **Rain cover**
- **Textile cover**
- Aluminium fan
- Optional painting
- Certifications: **ATEX, UL/CSA, EAC** (ex GOST)

Options **Accessories** Brakemotors

- **Fly-wheel**
- **Release lever**
- **Micro switch to open/close brake or for brake wear**
- Anti-lock braking system stainless steel ring
- Optional **rectifiers**:
 - for quick detachment **SBR**
 - for rapid braking **RSD**
 - for quick detachment and braking **RRSD**



Worldwide

DP-M/2015/REV.0



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