



SERIES

Electric Motors



MOTOVARIO[®]

HEART OF MOTION

50[°] 1965-2015

Double polarity and double polarity brake motors **D/DB**

Double polarity (D and DB) available in accordance with the IEC international standards, from size 063 to 160 in the versions with flange B5, B14 and with feet B3. They can be supplied with double polarity (2-4, 2-8, 4-8 poles), and also with a direct current brake or alternate current brake.



- Available with feet B3 or with flange B5 or B14
- Insulation class F
- Polarity: 2/4, 2/8, 4/8
- Alternating current MS brake and direct current FM brake
- 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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