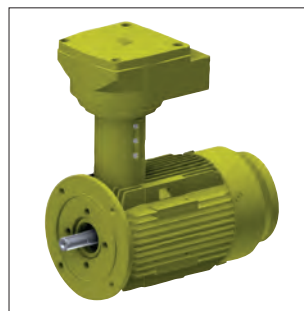
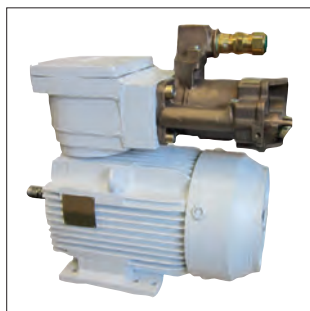


**ELECTRIC MOTORS**





For fast connection our electric motors can be equipped with flame proof restrained socket.

Motor for axial fans can have shaft on DE and NDE side. Installation into the fan can be with one or with two flanges as well as on the foot.

**Explosion protection**

Marking	I M2 Ex de I Mb I M2 Ex d I Mb PB Ex d I Mb
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**Explosion protection**

Marking	I M2 Ex de I Mb I M2 Ex d I Mb PB Ex d I Mb
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**Technical data**

Frame sizes	80-90-100-112-132-160-180-200-225-250-280-315-355
Power	0.55 kW to 400 kW
Voltage	380 V to 1140 V
Flameproof restrained socket	250 A or 350 A; 1300 V

**Technical data**

Frame sizes	80-90-100-112-132-160-180-200-225-250-280-315-355
Power	0.55 kW to 400 kW
Voltage	380 V to 1140 V
With extention of connection box	Lenght of extention tube by demand

Frame size	71	80	90	100	112	132	160	180	200	225	250	280	315	355
Special voltage up to 1140 V	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Special frequency	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Frequency inverter drive	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Special power	op	op	op	op	op	op	op	op	op	op	op	op	op	op
Special shaft end	op	op	op	op	op	op	op	op	op	op	op	op	op	op
Free shaft end on NDS-end of motor	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Special flange	op	op	op	op	op	op	op	op	op	op	op	op	op	op
Flange made in R acc. to DIN 42955	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Additional greasing								●	●	●	●	●	●	●
Fixed bearing on AS								●	●	●	●	●	●	●
2RS bearings	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Labyrinth seal								●	●	●	●	●	●	●
Oil seal								●	●	●	●	●	●	●
Protection IP 56	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Protection IP 65	op	op	op	op	op	op	op	op	op	op	op	op	op	op
Protection IP 66	op	op	op	op	op	op	op	op	op	op	op	op	op	op
Protection cover	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Vibrations within R or S limits	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SPM placing							op	op	op	op	op	op	op	op
Special data plate	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Terminal box with Ex d cable glands	op	op	op	op	op	op	op	op	op	op	op	op	op	op
Terminal box with socket	op	op	op	op	op	op	op	op	op	op	op	op	op	op
Thermal protection of winding	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heating of winding against condensation	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heating of winding at temp. lower -20 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Insulation class H	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Special colour	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● = on request  
op = option

### Ordering data

- rating in kW
- voltage and frequency
- r.p.m.
- type of motor arrangement (form IM ..)
- mechanical requirements
- special requirements (i.e. H-class thermal insulation, two-shaft, radial bearing seals...).

**BARTEC** GmbH

Max-Eyth-Str. 16  
97980 Bad Mergentheim  
Germany

Phone: +49 7931 597 0  
Fax: +49 7931 597 119  
info@bartec.de  
www.bartec.de

**BARTEC VARNOST** d.o.o.

Cesta 9, avgusta 59  
1410 Zagorje ob Savi  
Slovenia

Phone: +386 59 221 471  
Fax: +386 59 221 470  
info@bartec-varnost.si  
www.bartec-varnost.si