



II 2GD c T6 -20°C < Tamb < +80°C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

SILICON
FREE

ATEX
2014/34/UE



Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Temperature

0 °C (-20 °C with dry air)
+ 80 °C



Sensors recommended

DF - DT

| Series | Version | Ø mm | Stroke |
|--------|---------|------|--------|
|--------|---------|------|--------|

B B



0 1 2

0 0 2 5

- ▲ **BB** Single-Acting Magnetic
- ▲ **BD** Single-Acting Magnetic Molla in thrust
- **BF** Double acting Magnet
- **BJ** Double acting Through piston rod Magnet
- **BFA** Double acting Magnet Antirotation

= Standard female rod
M = Male rod (NO QFA)

- 012
- 016
- 020
- 025
- 032
- 040
- 050
- 063
- 080
- 100

| Ø (mm) | Stroke (mm) | | | | | | | | | |
|--------|-------------|----|----|----|----|----|----|----|----|-----|
| | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 75 | 100 |
| 12 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● | | | |
| 16 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● | | | |
| 20 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● | ● | | |
| 25 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● | ● | | |
| 32 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● |
| 40 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● |
| 50 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● |
| 63 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● |
| 80 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● |
| 100 | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ●▲ | ● | ● |

Intermediate or higher strokes are available on request.

FIXING ELEMENTS AND ACCESSORIES - SERIES B

| Ø | ANGLE BRACKET | | ANGLE BRACKET | | | ANGLE JOINT | | | NARROW MALE CON BOCCOLE AUTOLUBRIFICANTI | |
|------------|---|---------------|---|-----------------|---------------|--|-----------------|---------------|---|---------------|
| | Steel | Steel | Steel | Stainless steel | Steel | Aluminium | Stainless steel | Aluminium | Aluminium | Aluminium |
| |  | |  | | |  | | |  | |
| | Aignep | Univer | Aignep | Aignep | Univer | Aignep | Aignep | Univer | Aignep | Univer |
| 12 | QCP 012 | RPF-13016 | - | - | - | - | - | - | QCM 012 | RPF-11016 |
| 16 | QCP 012 | RPF-13016 | - | - | - | - | - | - | QCM 012 | RPF-11016 |
| 20 | QCP 020 | RPF-13020 | - | - | - | - | - | - | QCM 020 | RPF-11020 |
| 25 | QCP 025 | RPF-13025 | - | - | - | - | - | - | QCM 025 | RPF-11025 |
| 32 | - | - | VCP 032 | VCPI 032 | KF-13032 | VAS 032 | VASI 032 | KF-19032SCTA | - | - |
| 40 | - | - | VCP 040 | VCPI 040 | KF-13040 | VAS 040 | VASI 040 | KF-19040SCTA | - | - |
| 50 | - | - | VCP 050 | VCPI 050 | KF-13050 | VAS 050 | VASI 050 | KF-19050SCTA | - | - |
| 63 | - | - | VCP 063 | VCPI 063 | KF-13063 | VAS 063 | VASI 063 | KF-19063SCTA | - | - |
| 80 | - | - | VCP 080 | VCPI 080 | KF-13080 | VAS 080 | VASI 080 | KF-19080SCTA | - | - |
| 100 | - | - | VCP 100 | VCPI 100 | KF-13100 | VAS 100 | VASI 100 | KF-19100SCTA | - | - |

| Ø | PIN WITH SEEGER | | NARROW MALE | | | | NARROW FEMALE HINGE WITH ALUMINIUM PIN AND BUSHINGS | | | |
|------------|--|-----------------|---------------|--|-----------------|---------------|--|---------------|-----------------|---------------|
| | Steel | Stainless steel | Steel | Aluminium | Stainless steel | Steel | Aluminium | Aluminium | Stainless steel | Aluminium |
| |  | | |  | | |  | | | |
| | Aignep | Aignep | Univer | Aignep | Aignep | Aignep | Univer | Aignep | Aignep | Univer |
| 32 | VPE 032 | VPEI 032 | - | VCM 032 | VCMi 032 | VCMZ 032 NE | KF-11032 | VCF 032 | VCFI 032 | - |
| 40 | VPE 040 | VPEI 040 | - | VCM 040 | VCMi 040 | VCMZ 040 NE | KF-11040 | VCF 040 | VCFI 040 | - |
| 50 | VPE 050 | VPEI 050 | - | VCM 050 | VCMi 050 | VCMZ 050 NE | KF-11050 | VCF 050 | VCFI 050 | - |
| 63 | VPE 063 | VPEI 063 | - | VCM 063 | VCMi 063 | VCMZ 063 NE | KF-11063 | VCF 063 | VCFI 063 | - |
| 80 | VPE 080 | VPEI 080 | - | VCM 080 | VCMi 080 | VCMZ 080 NE | KF-11080 | VCF 080 | VCFI 080 | - |
| 100 | VPE 100 | VPEI 100 | - | VCM 100 | VCMi 100 | VCMZ 100 NE | KF-11100 | VCF 100 | VCFI 100 | - |

| Ø | FLANGE | | FLANGE | | |
|------------|---|---------------|---|-----------------|---------------|
| | Steel | Steel | Steel | Stainless steel | Steel |
| |  | |  | | |
| | Aignep | Univer | Aignep | Aignep | Univer |
| 12 | QFL 012 | - | - | - | - |
| 16 | QFL 012 | RPF-12016 | - | - | - |
| 20 | QFL 020 | RPF-12020 | - | - | - |
| 25 | QFL 025 | RPF-12025 | - | - | - |
| 32 | - | - | VFL 032 | VFLI 032 | KF-12032 |
| 40 | - | - | VFL 040 | VFLI 040 | KF-12040 |
| 50 | - | - | VFL 050 | VFLI 050 | KF-12050 |
| 63 | - | - | VFL 063 | VFLI 063 | KF-12063 |
| 80 | - | - | VFL 080 | VFLI 080 | KF-12080 |
| 100 | - | - | VFL 100 | VFLI 100 | KF-12100 |

| Ø | Ø | MALE ROD ENDS | |
|-------------------|----------------|---|---------------|
| | |  | |
| | | Steel | Steel |
| | | Aignep | Univer |
| M5 x 0,8 | 20 - 25 | TM 020 | - |
| M6 x 1 | 32 - 40 | TM 032 | - |
| M8 x 1,25 | 50 - 63 | TM 050 | - |
| M10 x 1,25 | 80 | TM 080 | - |
| M12 x 1,75 | 100 | TM 100 | - |