

Ref. : VPE 4548-B04

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DOUBLE FLANGE TYPE BUTTERFLY VALVE TECLARGE FL WITH ELECTRIC ACTUATOR BERNARD

VPE 4548-B04



APPLICATION

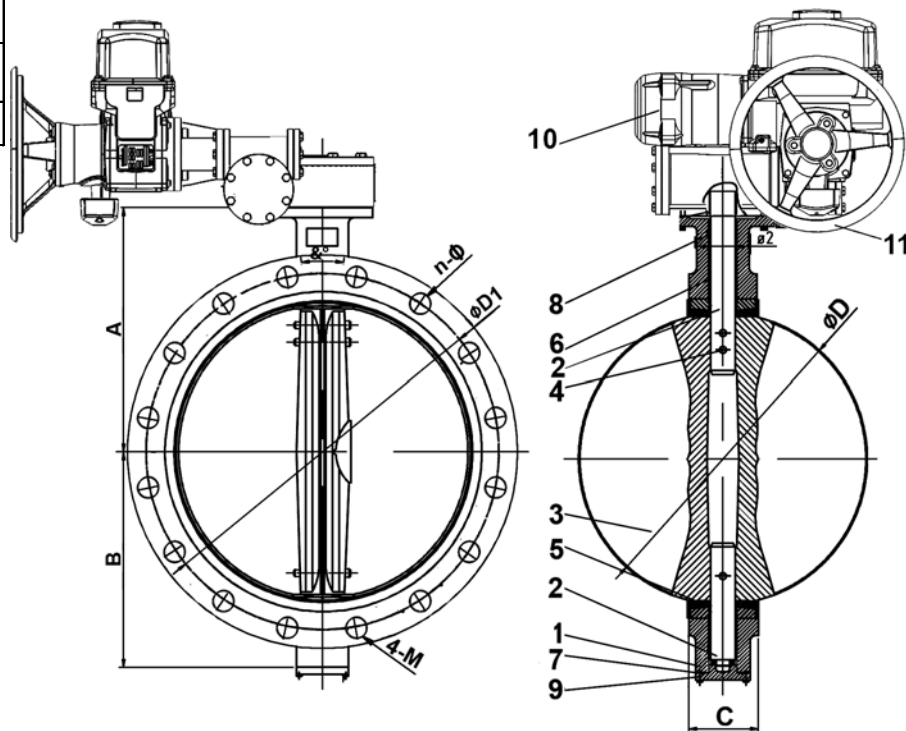
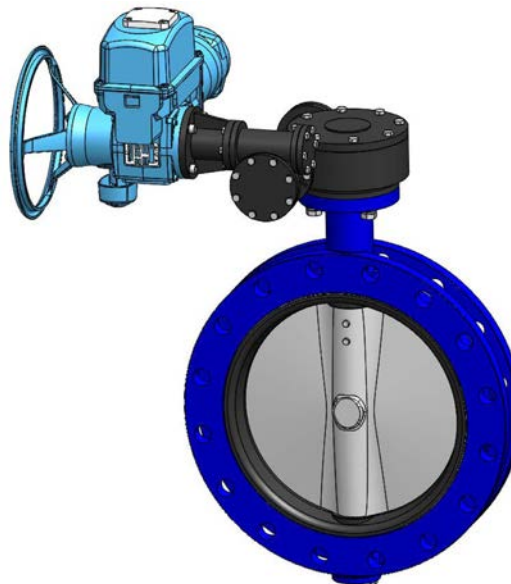
General use : water, sludge, etc.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.
Tightness in both ways.
Sleeve internally reinforced in aluminium giving a low torque.
Self lubricant bearing in copper alloy.

CONSTRUCTION

| | | | |
|-------------|-------------|--------------------|---------------------------|
| 11 | 1 | Handwheel | |
| 10 | 1 | Electric actuator | BERNARD |
| 9 | 1 | Cover | Ductile iron |
| 8 | | Bushing | Copper alloy |
| 7 | 1 | O ring | NBR |
| 6 | | Bushing | Copper alloy |
| 5 | 1 | Sleeve | Heat EPDM |
| 4 | | Pin | Stainless steel 410 |
| 3 | 1 | Disc | Ductile iron EN-GJS400-15 |
| 2 | | Stem | Stainless steel 410 |
| 1 | 1 | Body | Ductile iron EN-GJS400-15 |
| Pos. | Q-ty | Description | Material |



WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum working temperature : -15 °C / +130 °C.
Peak temperature : -30°C / + 150°C

STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipments under pressure» : modulate H.
Pressure test according to standards EN 12266-1, DIN 3230, BS 5154 and ISO 5208 :

Body : 24 bar.

Seat : 17.6 bar.

Face to face according to standard EN 558-1 serie 20, ISO 5752 serie 20 and DIN 3202.
Flange type ISO PN16 connections according to standard EN 1092-2.

DIMENSIONS

| DN | A | B | C | ØD | Output flange | | ØD1 | n-ø | 4-M | ε° | Actuator reference | Weight (kg) |
|----------|-----|-----|------|--------|---------------|----------|------|-------|-------|-------|--------------------|-------------|
| | | | | | ISO 5211 | ISO 5210 | | | | | | |
| 350 14" | 368 | 275 | 76,5 | 333,5 | F14 | F10 | 470 | 16-28 | - | 22,5 | ASM6 | 108 |
| 400 16" | 398 | 300 | 102 | 389,6 | F14 | F10 | 525 | 16-31 | - | 22,5 | ASM6 | 142 |
| 450 18" | 428 | 328 | 114 | 440,5 | F14 | F10 | 585 | 20-31 | - | 18 | ASM6 | 168 |
| 500 20" | 485 | 351 | 127 | 491,6 | F14 | F10 | 650 | 20-34 | - | 18 | ASM6 | 174 |
| 600 24" | 568 | 440 | 151 | 592,5 | F16 | F10 | 770 | 20-37 | - | 18 | ASM6 | 305 |
| 700 28" | 628 | 508 | 163 | 695 | F25 | F10 | 840 | 20-37 | 4-M33 | 15 | ASM10 | 471 |
| 800 32" | 672 | 530 | 188 | 794,7 | F25 | F14 | 950 | 20-41 | 4-M36 | 15 | ASM16 | 589 |
| 900 36" | 721 | 630 | 203 | 864,7 | F25 | F14 | 1050 | 24-41 | 4-M36 | 12,85 | ASM16 | 789 |
| 1000 40" | 802 | 692 | 216 | 965 | F25 | F14 | 1170 | 24-44 | 4-M39 | 12,85 | ASM16 | 1014 |
| 1200 48" | 948 | 844 | 276 | 1160,6 | F30 | F14 | 1390 | 28-50 | 4-M45 | 11,25 | ST30 | 1430 |

TECOFI France - 83, Rue Marcel Mérieux 69960 Corbas - FRANCE
Tél. +33 (0) 4 72 79 05 79 - Fax +33 (0) 4 78 90 19 19 / +33 (0) 4 72 79 05 70
Adresses e-mail : sales@tecofi.fr ; tecofi@tecofi.fr / Site web : www.tecofi.fr