

Ref. : VP 4449-08.pas

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# WAFER TYPE BUTTERFLY VALVE WITH GEAR BOX TECLARGE PN16 VP 4449-08



## APPLICATION

General use : water, sludge, etc.

## GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.  
Tightness in both ways, NF EN 12266-1, ISO 5208, DIN 3230.  
Sleeve internally reinforced in aluminium giving a low torque.  
Crossing stem.  
Self lubricant bearing in copper alloy.  
Supplementary tightness on stem by o'rings.  
Dovetail type sleeve.

## CONSTRUCTION

|      |      |              |                     |  |
|------|------|--------------|---------------------|--|
| 6    | 1    | Gear box     |                     |  |
| 5    | 1    | Bottom cover | EN-GJL-250          | DIN: GG25<br>ASTM: A48 class 40B<br>BS: 1452 Grade 250             |
| 4    | 1    | Stem         | Stainless steel 410 | DIN: 1.4006<br>ASTM: AISI 410<br>BS: 410 S 21                      |
| 3    | 1    | Sleeve       | Heat EPDM           |  |
| 2    | 1    | Disc         | Stainless steel 316 | DIN: G-X6CrNiMo 18 10<br>ASTM: A351 Grade CF8M<br>BS: 1504 316 C16 |
| 1    | 1    | Body         | EN-GJS-400-15       | DIN: GGG 40<br>ASTM: A536 65-45-12<br>BS: EN-JS1030                |
| Pos. | Qty. | Description  | Material            |  |

## DIMENSIONS

| DN   |      | ISO | G   | H    | L    | Ø K  | n1 x Ø L | V   | W   | Ø P | Weight (kg) |
|------|------|-----|-----|------|------|------|----------|-----|-----|-----|-------------|
| mm   | inch |     |     |      |      |      |          |     |     |     |             |
| 350  | 14"  | F10 | 267 | 454  | 76,5 | 470  | 4 x Ø28  | 226 | -   | 300 | 55          |
| 400  | 16"  | F14 | 309 | 505  | 86   | 525  | 4 x Ø31  | 420 | 310 | 300 | 101         |
| 450  | 18"  | F14 | 329 | 527  | 105  | 585  | 4 x Ø31  | 420 | 310 | 300 | 122         |
| 500  | 20"  | F14 | 361 | 600  | 131  | 650  | 4 x Ø34  | 460 | 385 | 400 | 222         |
| 600  | 24"  | F16 | 459 | 682  | 152  | 770  | 4 x Ø37  | 520 | 385 | 400 | 252         |
| 700  | 28"  | F25 | 520 | 749  | 163  | 840  | 4 x Ø37  | 580 | 453 | 450 | 557         |
| 800  | 32"  | F25 | 591 | 797  | 188  | 950  | 4 x Ø41  | 580 | 453 | 450 | 640         |
| 900  | 36"  | F25 | 672 | 920  | 203  | 1050 | 4 x Ø41  | 660 | 516 | 500 | 770         |
| 1000 | 40"  | F25 | 719 | 1002 | 216  | 1170 | 4 x M39  | 660 | 516 | 500 | 978         |
| 1200 | 48"  | F30 | 863 | 1215 | 276  | 1390 | 4 x M45  | 713 | 725 | 550 | 1449        |

## PRESSURE TEMPERATURE RATING

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

## STANDARDS

Pressure test according to standards EN 12266-1, DIN 3230, BS 5154 and ISO 5208 :

Body : 24 bar.

Seat : 17,6 bar.

Wafer type ISO PN16 connections according to standard EN 1092-2.

