

Típus: HW-CF8M-UNI

APPLICATION

General use : Pulp production, water, water treatment, waste water, chemical industry (powdery or crystallizing products), wine-producing, pulverized products (cement work, pneumatic transport, stocking).

GENERAL CHARACTERISTICS

Function ON/OFF or regulation.
Wafer threaded mounting ISO PN10.
Unidirectional tightness, direction indication thanks to the arrow on the body.
Small retention zone: the gate is guided in the body and has little clearance.
Gland assembly: packing and O-ring (same material as seat joint) to assure the elasticity and decrease the operating torque.
Small head loss.
Possibility to regulate thick fluids with the adaptation of a diaphragm ring .

CONSTRUCTION

| | | | | |
|------|------|-----------------|-----------------------|---|
| 14** | 1 | Support ring | Stainless steel 316 | DIN : X5CrNiMo18 10 ASTM : A 182 AISI 316 BS : 316 S16 |
| 13 | 1 | Handwheel | Cast iron | DIN : GG25 ASTM : A 48 class 40B BS : 1452 grade 250 |
| 12 | 2 | Nut | Stainless steel | |
| 11 | 1 | Friction washer | Bronze | |
| 10** | 1 | Gasket | EPDM | |
| 9 | 1 | O-ring | EPDM | |
| 8 | 1 | Packing gland | Stainless steel | |
| 7 | 1 | Nut | Bronze | |
| 6 | 1 | Nut support | Zinc steel | |
| 5* | 2 | Support plate | Steel + epoxy | |
| 4 | 1 | Stem | Stainless steel 13%Cr | |
| 3 | 1 | Knife gate | X5CrNiMo 17-12-2 | DIN : X5CrNiMo18 10 ASTM : A 182 AISI 316 BS : 1449-2 316 S16 |
| 2 | 2 | Packing | PTFE | |
| 1 | 1 | Body | GX5CrNiMo 19-11-2 | DIN : G-X6CrNiMo18 10 ASTM : A 351 grade CF8M BS : 316 C16 |
| Pos. | Qty. | Description | Material | |

* Pre-shaped parts up to DN 300.
** Missing parts pon metal-metal tightness.

DIMENSIONS

| DN | A | B | C | D | ØV | H | ØK | n | ØM | Weight (kg) |
|-----------|-----|-----|-----|-----|-----|------|-----|----|--------|-------------|
| 50 2" | 40 | 105 | 124 | 94 | 200 | 291 | 125 | 4 | 4-M16 | 7,5 |
| 65 2 1/2" | 40 | 115 | 139 | 94 | 200 | 318 | 145 | 4 | 4-M16 | 8,8 |
| 80 3" | 50 | 124 | 154 | 94 | 200 | 342 | 160 | 8 | 4-M16 | 9,4 |
| 100 4" | 50 | 140 | 174 | 94 | 200 | 383 | 180 | 8 | 4-M16 | 11,5 |
| 125 5" | 50 | 150 | 189 | 100 | 250 | 420 | 210 | 8 | 4-M16 | 15,4 |
| 150 6" | 60 | 175 | 220 | 101 | 250 | 471 | 240 | 8 | 4-M20 | 18,5 |
| 200 8" | 60 | 205 | 275 | 124 | 310 | 577 | 295 | 8 | 4-M20 | 34,8 |
| 250 10" | 70 | 250 | 326 | 126 | 310 | 677 | 350 | 12 | 8-M20 | 47,0 |
| 300 12" | 70 | 300 | 380 | 128 | 310 | 777 | 400 | 12 | 8-M20 | 61,0 |
| 350 14" | 96 | 339 | 438 | 290 | 500 | 939 | 460 | 16 | 10-M20 | 117,0 |
| 400 16" | 100 | 392 | 494 | 290 | 500 | 1037 | 515 | 16 | 10-M24 | 151,0 |
| 450 18" | 106 | 434 | 547 | 290 | 500 | 1125 | 565 | 20 | 14-M24 | 187,0 |
| 500 20" | 110 | 487 | 613 | 290 | 500 | 1237 | 620 | 20 | 14-M24 | 205,0 |
| 600 24" | 110 | 592 | 716 | 290 | 500 | 1432 | 725 | 20 | 14-M27 | 292,0 |

WORKING CONDITIONS

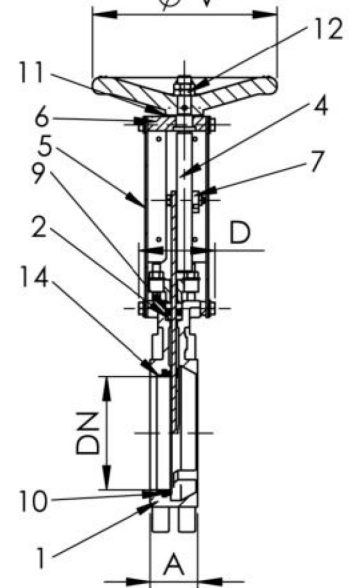
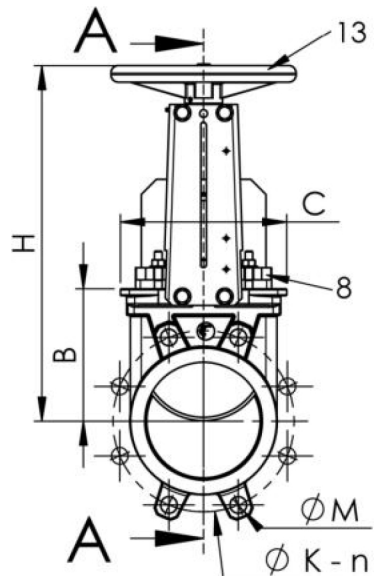
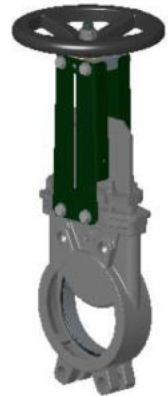
Maximum working pressure : DN 50-250 :10 bar
DN 300-450 : 7 bar
DN 500-600 : 4 bar

Maximum temperature : -10°C / +130°C (standard tightness).

| Others materials on request (If marked) | Maximum temperature | |
|---|-------------------------|--------------------------|
| Metal / metal | T max : -10°C / +130°C. | <input type="checkbox"/> |
| NBR | T max : -10°C / +80°C. | <input type="checkbox"/> |
| White EPDM | T max : -10°C / +130°C. | <input type="checkbox"/> |
| Silicone | T max : -10°C / +170°C. | <input type="checkbox"/> |
| FPM (Type Viton®) | T max : -10°C / +170°C. | <input type="checkbox"/> |
| PTFE | T max : +4°C / +170°C. | <input type="checkbox"/> |
| CSM (Type Hypalon®) | T max : +4°C / +80°C. | <input type="checkbox"/> |

STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipments under pressure» : modulate H.
On request : Product in accordance to european directive "Potentially explosive atmospheres" N° 94/9/EC : ATEX II 2 GD c and ATEX II 3 GD c.
Test procedures are established according to standard EN 12266-1, DIN 3230, BS 5154 and ISO 5208.
Connections according to standard EN 1092-2 and DIN 2501 : ISO PN10.



Standard tightness



Tightness metal/metal