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BUTTERFLY VALVE WITH GEAR BOX

VP 5448-08



Tecofi'
VALVE DESIGNER - FRANCE

APPLICATION

General use : Water, air, acids etc.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.
TECFLY type with lugs enabling use on bottom line.
Tightness in both ways.
Sleeves body in dovetail shape ensures a perfect assembling (for high vacuum we can stick it)
Stem: high and low semi stem giving a high flow coefficient.
Machined disc with on periphery giving a low and regular torque.
Stem unjectable, bearing:stainless steel teflon lined.
Dovetail type sleeve, mounting flange according to ISO 5211.

CONSTRUCTION

12	4	Screw CHC	Stainless steel A2	
11	4	Washer	Stainless steel A2	
10	1	Gear box	Cast iron	
9	2	Split pin	Sainless steel	
8	1	Gasket	NBR	
7	2	O-ring	NBR	
6	2	Guiding bearing	Teflon-lined	
5	1	Upper stem	Stainless steel 416	DIN: 1.4005 ASTM: AISI 416 BS: 416 S21
4	1	Lower stem	Stainless steel 416	DIN: 1.4005 ASTM: AISI 416 BS: 416 S21
3	1	Sleeve	Heat EPDM	
2	1	Disc	Steel A216 Grade WCB	DIN: GGG 40 ASTM: A536 65-45-12 BS: 1563 JS-1030
1	1	Body	Steel GP240GH	DIN: GS-C25 ASTM: A216 Grade WCA BS: 161 Grade B
Pos.	Qty.	Description	Material	

DIMENSIONS

DN	L	G	H	H1	V	ØP	TYPE	Weight (kg)
40 - 1"1/2	33	66	249	134	148	150	F07	7,4
50 - 2"	43	72	255	140	148	150	F07	8,0
65 - 2"1/2	46	78	268	153	148	150	F07	8,6
80 - 3"	46	89	274	159	148	150	F07	9,2
100 - 4"	52	102	293	178	148	150	F07	10,6
125 - 5"	56	117	305	190	148	300	F07	12,4
150 - 6"	56	130	318	203	148	300	F07	13,9
200 - 8"	60	159	430	238	238	300	F10	26,9
250 - 10"	68	190	460	268	238	300	F10	36,9
300 - 12"	78	222	495	306	226	300	F10	47,3

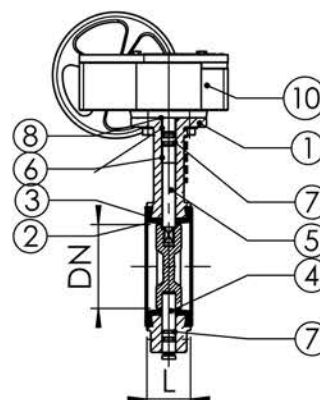
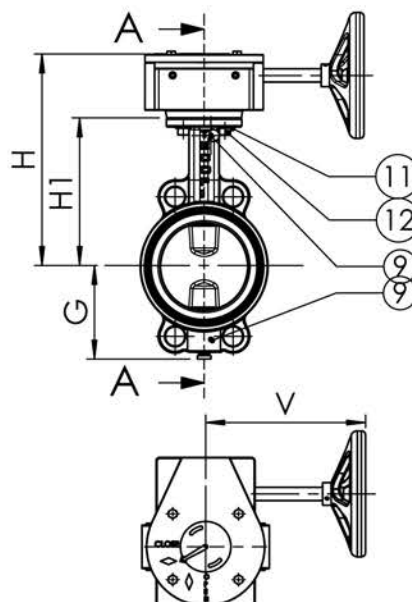
WORKING CONDITIONS

Maximum working pressure : 16 bar.

Maximum temperature : -15°C / +130°C.

Peak temperature : -30°C / +150°C.

Tightness in option	Maximum temperature	Peak temperature
EPDM	+4°C / +110°C	-20°C / +130°C
CSM (Type Hypalon®)	+4°C / +80°C	-20°C / +110°C
FPM (Type Viton®)	-10°C / +170°C	-20°C / +200°C
Silicone	-20°C / +170°C	-40°C / +200°C
Nitrile (NBR)	-10°C / +80°C	-20°C / +90°C



STANDARDS

Product in accordance to european directive "Pressure equipments" N° 2014/68/UE : category III modulate H.

Face to face according to standard NF EN 558-1 serie 20, ISO 5752 serie 20, DIN 3202.

Mounting between flanges PN10 / PN16 : according to EN 1092-2, BS450, ANSI B16.1-5.

Adjustable between flanges ASA 150.

Pressure test according to standards EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :

Body : 24 bar.

Seat : 17,6 bar.

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