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THREADED LUGS BUTTERFLY VALVE WITH GEAR BOX

VP 4648-08ACS



Tecofi'
VALVE DESIGNER - FRANCE

APPLICATION

General use : drinking water.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.

TECFLY LUG: type with threaded lugs allowing screw assembling.

Tightness in both ways.

ACS certified sleeves body in dovetail shape ensures a perfect assembling

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	Stainless steel	
11	4	Washer	Stainless steel	
10	1	Gear box	Cast iron	
9	2	Split pin	Stainless 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 S 21
4	1	Lower stem	Stainless steel 416	DIN : 1.4005 ASTM : AISI 416 BS : 416 S 21
3	1	Sleeve	Heat EPDM	Standard
2	1	Disc	EN-GJS-400-15	DIN : GGG 40 ASTM : A 536 65-45-12 BS : EN-JS1030
1	1	Body	Ductile iron EN-GJS-400-15	DIN : GGG-40 ASTM : A536 65-45-12 BS : 1563 EN-JS1030
Pos.	Qty.	Description	Material	

DIMENSIONS

DN	ISO PN	H	H1	L	Ø T	n	Ø M	V	P	G	TYPE	Weight (kg)
DN 40 - 1" 1/2	10 / 16	248	133	33	110	4	M 16	148	150	66	F07	8
DN 50 - 2"	10 / 16	255	140	43	125	4	M 16	148	150	71	F07	8.9
DN 65 - 2"1/2	10 / 16	268	153	46	145	4	M 16	148	150	78	F07	9.9
DN 80 - 3"	10 / 16	274	159	46	160	8	M 16	148	150	89	F07	10.9
DN 100 - 4"	10 / 16	293	178	52	180	8	M 16	148	150	102	F07	12.3
DN 125 - 5"	10 / 16	305	190	56	210	8	M 16	148	300	117	F07	14.6
DN 150 - 6"	10 / 16	318	203	56	240	8	M 20	148	300	130	F07	16.9
DN 200 - 8"	10	430	238	60	295	8	M 20	238	300	159	F10	29.9
DN 250 - 10"	10	460	268	68	350	12	M 20	238	300	190	F10	43.6
DN 300 - 12"	10	495	306	78	400	12	M 20	226	300	222	F10	56

STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipments under pressure» : category III modulate H.

Pressure test according to standards

EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :

Body : 24 bar.

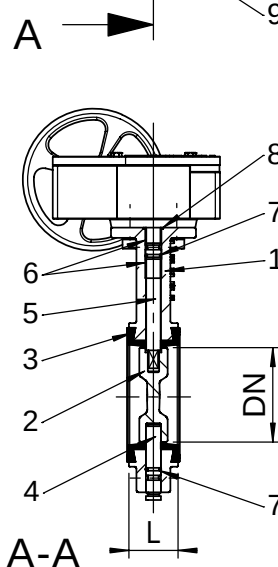
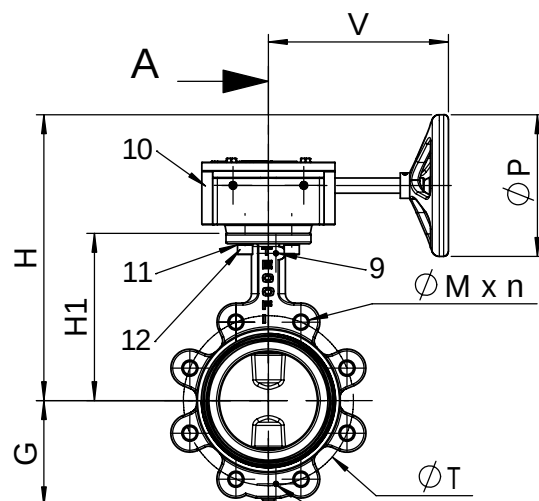
Seat : 17,6 bar.

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

Mounting between flanges PN10 / PN16 up to DN150 and PN10 for upper diameters: according to EN 1092-2, BS450, ANSI B16.1-5.

Adjustable between flanges PN16 and ASA 150 on request.

Certificat of health conformity n° 11 ACC LY 080.



WORKING CONDITIONS

Maximum working pressure : 16 bar.

Maximum temperature : -15°C / +130°C.

Peak temperature : -30°C / +150°C.