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THREADED LUGS BUTTERFLY VALVE WITH GEAR BOX

VP 364816-08



Tecofi'
VALVE DESIGNER - FRANCE

APPLICATION

General use : Water, air, acids etc.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.

TECFLY LUG: type with threaded lugs allowing screw assembling.
Tightness in both ways.

Two kinds of sleeves:

- Body in dovetail shape ensures a perfect assembling (for high vacuum we can stick it)

- Internally reinforced resin sleeve giving a lower torque

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	
2	1	Disc	EN-GJS-400-15	DIN : GGG 40 ASTM : A 536 65-45-12 BS : EN-JS1030
1	1	Body	Cast iron EN-GJL-250	DIN : GG25 ASTM : A48 class 40B BS : 1452 Grade 250
Pos.	Qty.	Description	Material	

DIMENSIONS

DN		H	H1	L	Ø T	n	Ø M	V	P	G	TYPE	Weight (kg)
mm	inch											
200	8"	430	238	60	295	12	M 20	238	300	159	F10	29,9
250	10"	460	268	68	355	12	M 24	238	300	190	F10	43,6
300	12"	495	306	78	410	12	M 24	226	300	222	F10	56

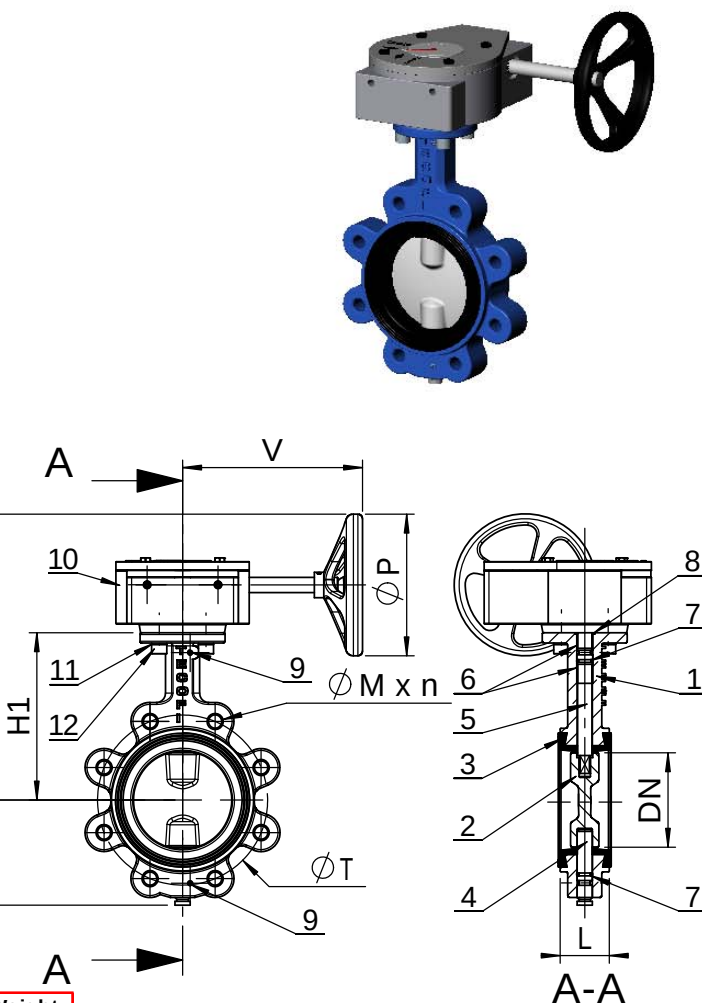
WORKING CONDITIONS

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

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 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 flange PN16 according to EN 1092-2, BS450, ANSI B16.1-5.

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