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RESILIENT SEAT GATE VALVE PN16 WITH PLANETARY GEARBOX

VOC 42411016-08



Tecofi
VALVE DESIGNER - FRANCE

APPLICATION

General use : Water supply, fire protection, irrigation, water treatment.

GENERAL CHARACTERISTICS

Design according to DIN3352.
Range : from DN450 to DN600.
Non rising stem.
Clockwise to close.
No zone of retention.
Low head losses.
ISO mounting plate for electric actuator adaptation.

CONSTRUCTION

17	Mounting plate ISO	
16	Gear box	
15	Gland packing	Ductile iron GGG50
14	Dust ring	EPDM
13	Sealing ring	Brass
12	O ring	EPDM
11	O ring	EPDM
10	Minipad	TFL
9	Locating ring	Brass
8	O ring	EPDM
7	Bonnet	Ductile iron GGG50
6	Nut	Steel A3
5	gasket	EPDM
4	Stem	Stainless steel 2Cr13
3	Nut	Brass
2	Wedge	Ductile iron GGG50+EPDM
1	Body	Ductile iron GGG50
Pos.	Description	Material

DIMENSIONS

DN		D	D1		D2	H	L	b	f	Z - d		Weight (kg)
mm	inch		PN10	PN16						PN10	PN16	
450	18"	640	565	585	530	1070	330	30	4	20 x Ø28	20 x Ø31	320
500	20"	715	620	650	582	1150	350	31,5	4	20 x Ø28	20 x Ø34	430
600	24"	1034	725	770	682	1310	390	36	5	20 x Ø31	20 x Ø37	630

WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum temperature : 0°C / +110°C.

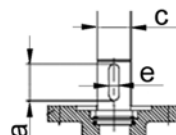
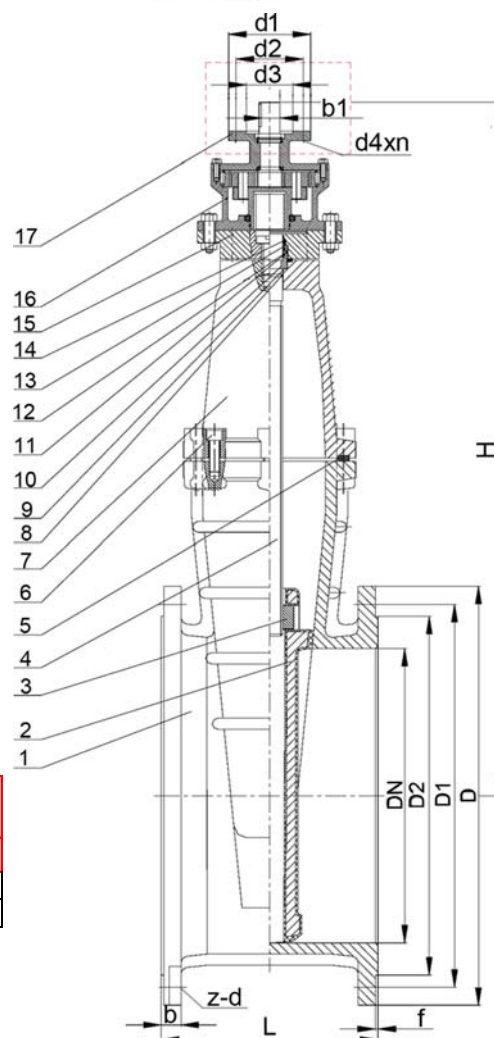
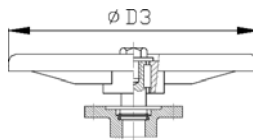
STANDARDS

Face to face according to EN558-1 serie 14 and DIN 3202 / F4.
Connection according to standard EN 1092-2 ISO PN10 and PN16.

Mounting flange

DN		ISO	d1	d2	d3	b1	d4xn	a	e	c	Nb of turns	Torque (Nm)	
mm	inch											PN10	PN16
450	18"	F14	175	140	100	27,5	4-Ø18	35	10	32	-	-	-
500	20"	F14	175	140	100	27,5	4-Ø18	35	10	32	172	135	150
600	24"	F14	175	140	100	27,5	4-Ø18	35	10	32	204	144	160

Operating handwheel



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