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RESILIENT SEAT GATE VALVE PN10 WITH PLANETARY GEARBOX

VOC 4241AP-08



TECOFI
VALVE DESIGNER - FRANCE

APPLICATION

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

GENERAL CHARACTERISTICS

Range : from DN700 to DN1200.
Non rising stem.
Clockwise to close.
No zone of retention.
Low head losses.
With planetary gear box and ISO mounting plate F14.

CONSTRUCTION

19	Handwheel	
18	Gear box	
17	Gland	Ductile iron GGG50
16	Dust ring	EPDM
15	Seal ring	Brass
14	O-ring	EPDM
13	O-ring	EPDM
12	Minipad	TFL
11	Locating ring	Brass
10	O-ring	EPDM
9	Nut	Carbon steel A3
8	Washer	Carbon steel A3
7	Bonnet bolt	Carbon steel A3
6	Bonnet	Ductile iron GGG50
5	Gasket	EPDM
4	Stem	Stainless steel 2Cr13
3	Stem 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	ISO	Weight (kg)
mm	inch										
700	28"	928	840	794	1570	430	40	5	24 - Ø31	F14	975
800	32"	1034	950	901	1740	470	43	5	24 - Ø34	F14	1275
900	36"	1125	1050	1001	1845	510	47	5	28 - Ø34	F14	1875
1000	40"	1255	1160	1112	2070	550	50	5	28 - Ø37	F14	3395
1200	48"	1485	1380	1328	2460	630	57	5	32 - Ø40	F16	4600

MOUNTING PLATE DIMENSIONS

DN		Øa	Øb1	Øc	e	e1	l	m	n-Ød1	ØV	Torque Nm
mm	inch										
700	28"	100	140	175	27,5	32	10	35	4-Ø18	400	162
800	32"										189
900	36"										207
1000	40"										234
1200	48"	130	165	210	36	40			4-Ø22	500	235

WORKING CONDITIONS

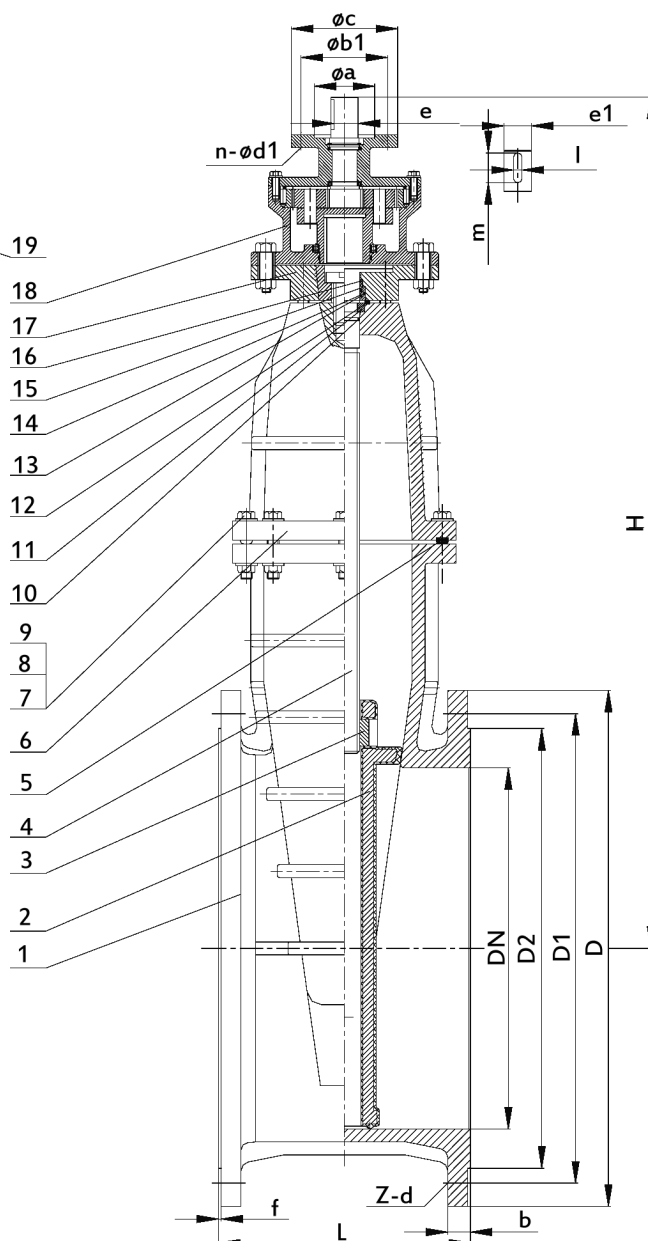
Maximum working pressure : 10 bar.
Maximum temperature : 110°C.



The valve must be mounted on horizontal piping in vertical position, with operating stem pointing upwards .
Contact us for mounting on vertical or steeply inclined piping.

STANDARDS

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



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