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RESILIENT SEAT GATE VALVE PN10/16 SHORT PATTERN

VOC 4241-00



Tecofi
FAREX FLUID SOLUTION DESIGNER

APPLICATION

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

GENERAL CHARACTERISTICS

- Design in accordance to standard NF EN 1171.
- Range : from DN 40 to DN 400 in standard, contact us for other dimensions.
- Non rising stem.
- Clockwise to close or anti clockwise to close.
- No zones of retention.
- Low head losses.
- Bonnet with easy adaptation for actuator.
- Protection with paraffin on bolts.

CONSTRUCTION

15	4	Screw caps	Paraffin	
14	4	Screw	Stainless steel	
13	1	Bottom shield	EPDM	
12	2	O-ring stem	EPDM	
11	1	Seal o-ring	EPDM	
10	1	Bonnet gasket	EPDM	
9	1	Top cork	Brass	
8	1	Splindle washer	Nylon	
7	1	Splindle nut	Brass	
6	1	Wedge seat	Brass	
5	1	Stem	Stainless steel 416	
4	1	Handwheel	Ductile iron EN-GJS-400-15	DIN : GGG 40 ASTM : A536 65-45-12 BS : EN 1563 EN-JS 1030
3	1	Wedge	Ductile iron EN-GJS-400-15	DIN : GGG 40 ASTM : A536 65-45-12 BS : EN 1563 EN-JS 1030
2	1	Bonnet	Ductile iron EN-GJS-400-15	DIN : GGG 40 ASTM : A536 65-45-12 BS : EN 1563 EN-JS 1030
1	1	Body	Ductile iron EN-GJS-400-15	DIN : GGG 40 ASTM : A536 65-45-12 BS : EN 1563 EN-JS 1030
Pos.	Qty.	Description	Material	

DIMENSIONS

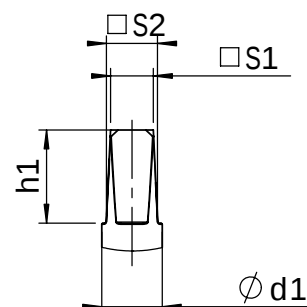
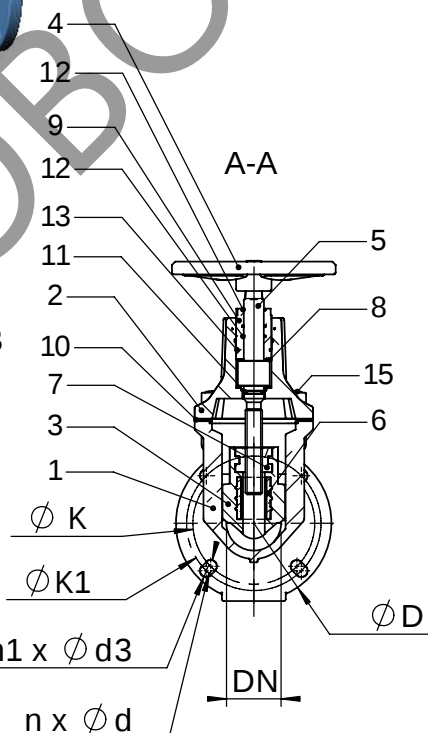
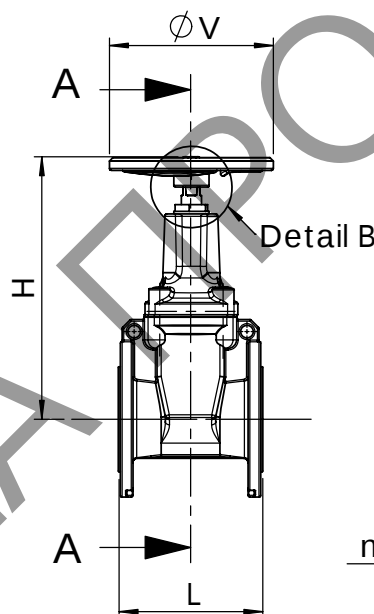
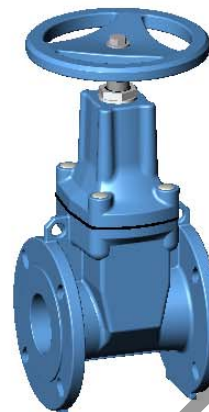
DN		L	H	Ø V	Ø D	Ø K (PN10)	n x Ø d (PN10)	Ø K1 (PN16)	n1 x Ø d3 (PN16)	Ø d1	S1	S2	h1	Poids (kg)
mm	inch													
40	1" 1/2	140	245	200	150	110	4 x Ø19	110	4 x Ø19	20	14,0	17,0	29	-
50	2"	150	245	200	165	125	4 x Ø19	125	4 x Ø19	20	14,0	17,0	29	13,3
65	2" 1/2	170	305	240	185	145	4 x Ø19	145	4 x Ø19	24	17,3	20,5	31	17,5
80	3"	180	340	240	200	160	8 x Ø19	160	8 x Ø19	24	17,3	20,5	31	21,0
100	4"	190	375	280	220	180	8 x Ø19	180	8 x Ø19	26	19,3	23,0	38	28,6
125	5"	200	410	320	250	210	8 x Ø19	210	8 x Ø19	26	19,5	23,0	38	36,9
150	6"	210	465	320	285	240	8 x Ø23	240	8 x Ø23	32	19,0	23,0	38	48,2
200	8"	230	550	360	340	295	8 x Ø23	295	12 x Ø23	32	24,0	28,5	42	72,5
250	10"	250	650	450	400	350	12 x Ø23	355	12 x Ø28	36	27,5	31,5	45	103,6
300	12"	270	720	500	455	400	12 x Ø23	410	12 x Ø28	36	27,5	31,5	45	133,6
350	14"	290	805	500	505	460	16 x Ø23	470	16 x Ø28	36	27,5	31,5	45	181,1
400	16"	310	877	600	565	515	16 x Ø28	525	16 x Ø31	36	27,5	31,5	45	291,1

WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum temperature : -10°C / +130 °C.

STANDARDS

Test procedures are established according to standard NF EN 12266-1, NF EN 12266-2, DIN 3230, ISO 5208.
Face to face according to standard EN 558-1 series 14 and DIN 3202 / F4 (short pattern).
Connections according to standard EN 1092-2 ISO PN10 and ISO PN16.



Detail B (Stem) :
Mounting interface

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