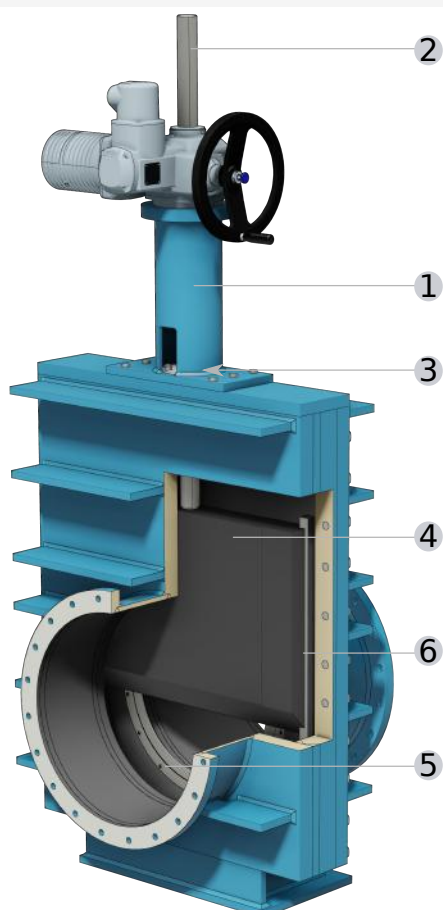




ID	Parts	Materials
1	Body	ASTM 283
2	Spindle	AISI 403
3	Seals	NBR Polyurethane
4	Gate	AISI 304
5	Seal ring	Aluminium - bronze
6	Sliding element	Aluminium - bronze

DRIVE TYPES

- double acting oil servo cylinder
- double acting water servo cylinder
- double acting oil / water servo cylinder
- manual operated gearbox
- electrical operated gearbox

FEATURES & OPTIONS

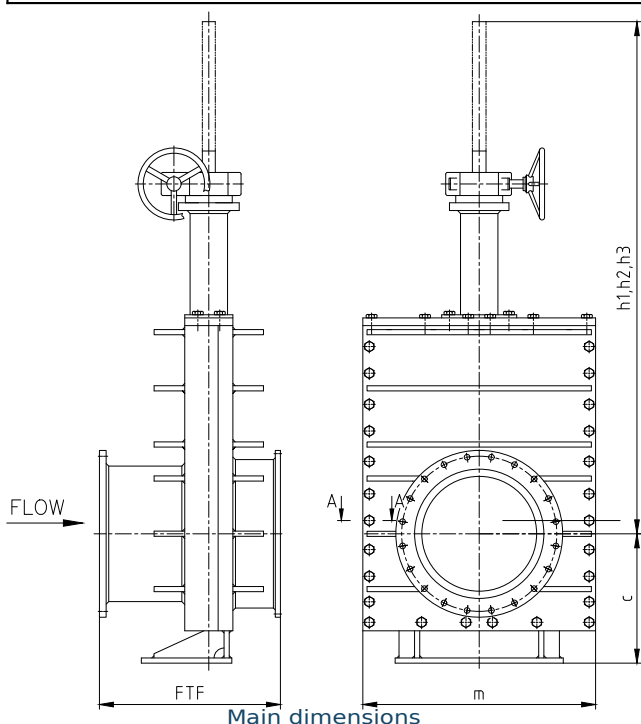
- free discharge device in pressurized piping system
- compact fabricated design
- good head loss coefficient
- no lubrication points / maintenance free

- specially designed sealing systems (metal-to-metal sealing)

- for water service in temperature up to 70°C / 158°F

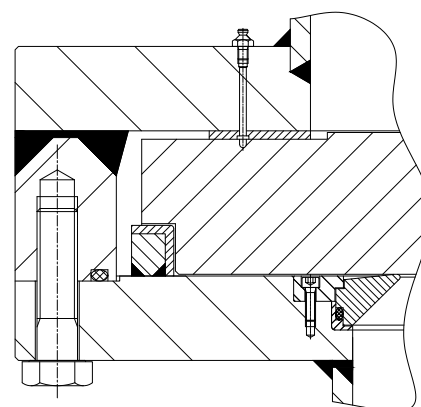
OPTIONS

- + additional hydraulic and electrical equipment
- + wiring with terminal box



Main dimensions

Section A-A



Valve size				Manual operated	Electric operated	Hydraulic operated	Class 150			Class 300		
DN	FTF	m	c	h1	h2	h3	Manual operated	Electric operated	Hydraulic operated	Manual operated	Electric operated	Hydraulic operated
in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	kg	kg	kg	kg	kg	kg
8"	16	16	12	31	31	33	290	310	330	350	370	390
200	400	400	300	800	800	840						
10"	18	19	13	39	39	41	390	410	430	470	490	510
250	450	470	335	1000	1000	1050						
12"	20	20	14	47	47	50	550	570	590	660	680	700
300	500	520	360	1200	1200	1260						
14"	22	24	16	55	55	58	670	690	710	805	825	845
350	550	600	400	1400	1400	1470						
16"	24	26	18	63	63	66	910	930	950	1090	1110	1130
400	600	650	450	1600	1600	1680						
18"	26	28	19	71	71	74	1100	1130	1160	1320	1350	1380
450	650	700	475	1800	1800	1890						
20"	28	30	20	79	79	83	1300	1330	1360	1560	1590	1620
500	700	750	500	2000	2000	2100						
24"	31	35	24	94	94	99	1870	1900	1930	2240	2270	2300
600	800	900	600	2400	2400	2520						
28"	35	41	27	110	110	116	2780	2810	2850	3340	3370	3410
700	900	1050	675	2800	2800	2940						
32"	39	45	29	129	129	134	3250	3280	3320	3900	3930	3970
800	1000	1150	725	3280	3280	3400						
36"	43	51	31	145	145	151	4800	4840	4880	5760	5800	5840
900	1100	1300	800	3690	3690	3825						
40"	47	55	33	161	161	167	6150	6190	6230	7380	7420	7460
1000	1200	1400	850	4100	4100	4250						
48"	55	63	38	194	194	201	7800	7840	7930	9360	9400	9490
1200	1400	1600	975	4920	4920	5100						
54"	63	73	43	229	229	234	9650	9690	9780	11580	11620	11710
1400	1600	1850	1100	5810	5810	5950						
60"	63	77	45	245	245	251	11200	11240	11340	13440	13480	13580
1500	1600	1950	1150	6225	6225	6375						
64"	63	81	47	261	261	268	12230	12280	12400	14680	14730	14850
1600	1600	2050	1200	6640	6640	6800						

Flange in accordance with EN 1092-1. ANSI and MSS flanges available on request.

Dimensions and weights are preliminary only. Final dimensions and weights are established after detail design.

Other materials are available upon request.

Painting for standard valves - two-component epoxy coating.

Drawings are schematic only.