

Ball Valve , Full Welded , Trunnion mounted



Applicable Standards:

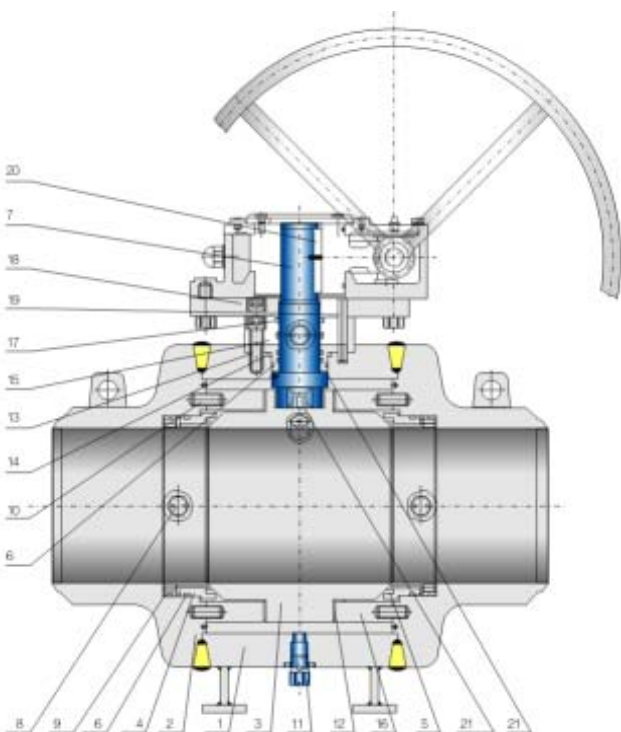
DESIGN & MANUFACTURE CONFORM WITH : API 6D/ISO 14313, ASME B16.34

CONNECTION DIMENSION CONFORMS WITH : ASME B16.25, DN EN 12627

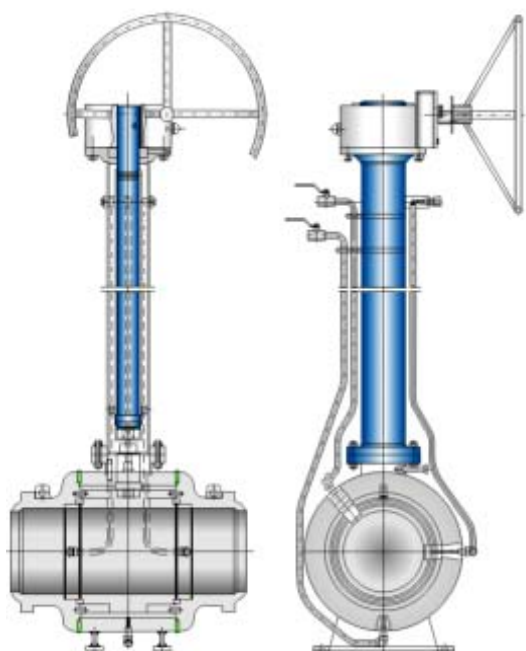
FIRE RESISTANCE DESIGN CONFORMS WITH : API 607/ISO 10497

INSPECTION & TEST CONFORMS WITH : API 6D, ISO 5208, API 598

MATERIAL CONFORMS WITH : ISO 15156



NO	PART NAME	NO	PART NAME
1	Body	12	Lubricating Bearing
2	Left-right Body	13	Screw
3	Ball	14	Bonnet Gasket
4	Seat	15	Support Cover
5	Sealing Ring	16	Die Holder
6	O-Ring	17	Packing
7	Stem	18	Terminal Pad
8	Grease Injection Valve	19	Spring Pin
9	Spring	20	Flat Key
10	Straight Pin	21	Stem Gasket
11	Blow-down Valve	22	Static-Free Spring



Ground extended product structure diagram

Materials of parts

Body	A105/LF2/F304/F316/F304L/F316L/F11/F22/F51
Ball	A105+ENP/LF2+ENP/F304/F316/F304L/F316L/F51
Seat	A105+ENP/LF2+ENP/F304/F316/F304L/F316L/F51
Stem	A105+ENP/LF2+ENP/F304/F316/F304L/F316L/F51
Sealing ring	PTFE/NYLON/PEEK/TEFLON
O-ring	VITON/NBR
Screw	B7M/B8M/L7M/B16M
Support cover	A105+ENP/LF2+ENP/F304/F316/F304L/F316L/F51
Die Holder	A105+ENP/LF2+ENP/F304/F316/F304L/F316L/F51
Spring	17-4PH/17-7PH/Inconel
Bearing	304+PTFE/316+PTFE
Gasket	Flexible graphite+PTFE

Materials could be chosen according to customers' requirement & working condition.

Ball Valve , Full Welded , Trunnion mounted 150Lb/300Lb



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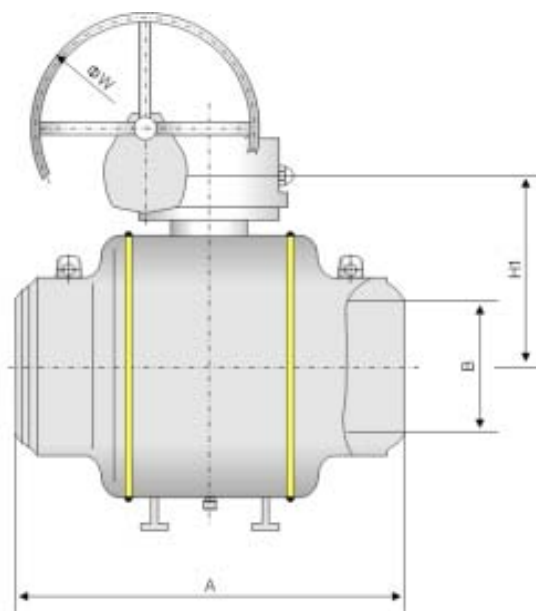
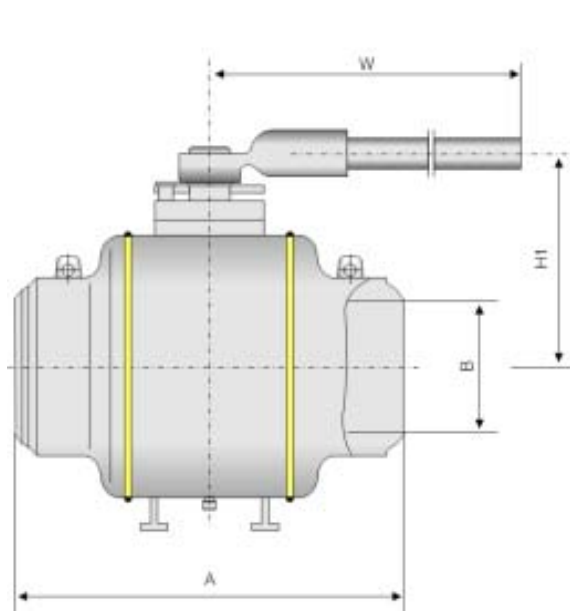
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MATERIAL CONFORMS WITH : ISO 15156



Dimensional datas

NPS inch	DN	A mm	B mm	H1 mm	W mm	WT kg	T N.m	NPS inch	DN	A mm	B mm	H1 mm	W mm	WT kg	T N.m
ANSI Class 150Lb															
2	50	216	51	146	300	12	50	14	350	762	334	410	600	860	2426
3	80	283	76	170	400	28	65	16	400	838	385	460	600	980	3016
4	100	305	100	204	450	42	151	18	450	914	436	520	600	1210	4574
6	150	457	150	260	460	125	320	20	500	991	487	560	700	1760	6016
8	200	521	201	300	460	220	1020	24	600	1143	589	600	700	2010	9750
10	250	559	252	340	600	340	1085	28	700	1346	684	730	700	3200	14540
12	300	635	303	385	600	520	1562	30	750	1397	735	840	760	4120	18005

Dimensional datas

NPS inch	DN	A mm	B mm	H1 mm	W mm	WT kg	T N.m	NPS inch	DN	A mm	B mm	H1 mm	W mm	WT kg	T N.m
ANSI Class 300Lb															
2	50	216	51	170	300	16	86	14	350	762	334	420	600	980	3800
3	80	283	76	185	500	35	110	16	400	838	385	470	600	1210	5376
4	100	305	100	210	550	60	270	18	450	914	436	530	600	1520	8000
6	150	457	150	260	550	150	500	20	500	991	487	590	600	2010	10610
8	200	521	201	310	550	250	1620	24	600	1143	589	600	760	2520	17280
10	250	559	252	345	600	350	1824	28	700	1346	684	750	760	3600	25102
12	300	635	303	390	600	580	2632	30	750	1397	735	850	760	4620	31664

Ball Valve , Full Welded , Trunnion mounted 600Lb/900Lb/1500Lb



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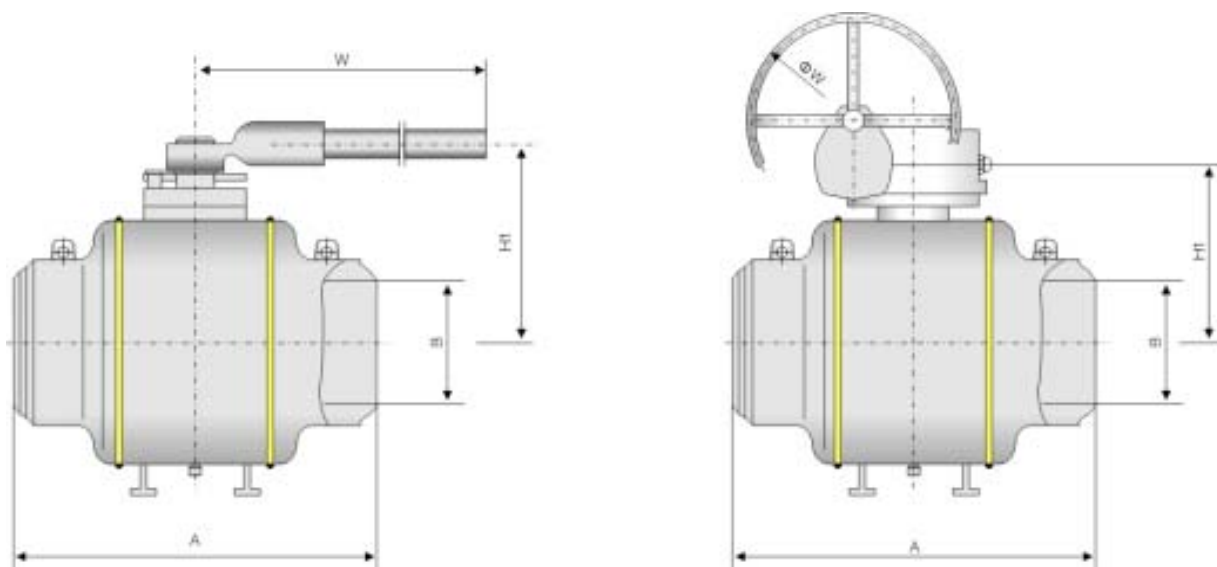
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FIRE RESISTANCE DESIGN CONFORMS WITH : API 607/ISO 10497

INSPECTION & TEST CONFORMS WITH : API 6D, ISO 5208, API 598

MATERIAL CONFORMS WITH : ISO 15156



Dimensional datas

NPS inch	DN	A mm	B mm	H1 mm	W mm	WT kg	T N.m	NPS inch	DN	A mm	B mm	H1 mm	W mm	WT kg	T N.m
ANSI Class 600Lb															
2	50	292	51	185	500	27	148	14	350	889	334	450	700	1228	7255
3	80	356	76	190	600	48	200	16	400	991	385	500	700	1705	9174
4	100	432	100	220	600	95	460	18	450	1092	436	560	760	2380	13520
6	150	559	150	270	600	210	908	20	500	1194	487	620	760	2875	18034
8	200	660	201	320	600	405	2560	24	600	1397	589	750	760	4830	29512
10	250	787	252	350	600	655	3048	28	700	1549	684	880	760	5900	42264
12	300	838	303	400	700	915	4300	30	750	1651	735	960	850	7200	58864

Dimensional datas

NPS inch	DN	A mm	B mm	H1 mm	W mm	WT kg	T N.m	NPS inch	DN	A mm	B mm	H1 mm	W mm	WT kg	T N.m
ANSI Class 900Lb															
2	50	368	49	180	600	40	208	12	300	965	303	450	700	1270	6000
3	80	381	74	208	600	70	280	14	350	1029	322	550	700	1515	10220
4	100	457	100	222	600	110	650	16	400	1130	373	650	760	2420	12968
6	150	610	150	270	600	255	1298	18	450	1219	423	750	760	2740	19054
8	200	737	201	325	600	525	3596	20	500	1321	471	730	760	3325	25452
10	250	838	252	360	600	810	4306	24	600	1549	589	950	850	4800	38655

Dimensional datas

NPS	DN	A	B	H1	W	WT	T	NPS	DN	A	B	H1	W	WT	T
ANSI Class 1500Lb															
2	50	368	49	175	600	50	330	8	200	832	192	360	600	580	5496
3	80	470	74	232	600	115	440	10	250	991	239	410	700	1120	6720
4	100	546	100	395	600	170	1034	12	300	1130	287	500	700	1492	14520
6	150	705	144	300	600	402	2084	14	350	1257	315	560	760	2140	32600