

Cast steel Plug Valve

Pressure Class: 150 thru 1500

Size: 2" thru 12"

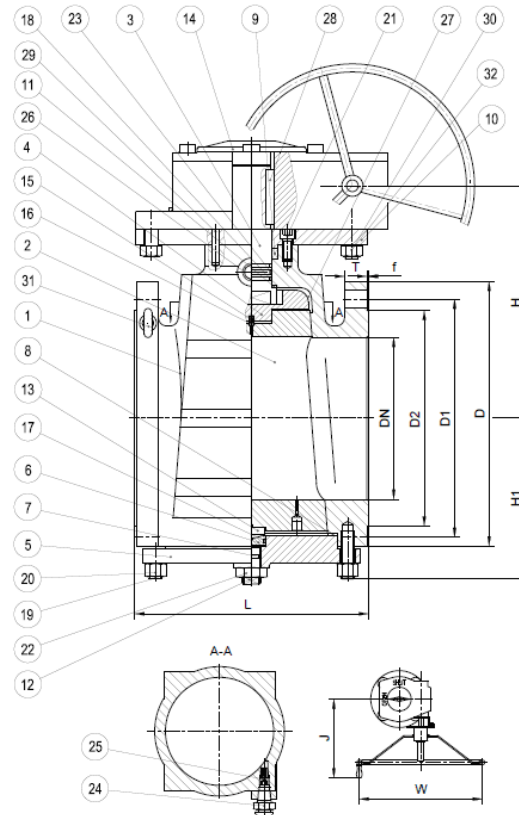
Design and Manufacturing Standards

Valve Design: ASME B16.34 / API 6D

Flange Dimensions: ASME B16.5

Face to Face Dimensions: ASME B16.10

Tested In Accordance with: API 598



Material List

Part Name	Carbon Steel	Stainless	LCC	Part Name	Carbon Steel	Stainless	LCC
1 BODY	ASTM A216 WCB	ASTM A351 CF8M	ASTM A352 LCC	17 O-ring	VITON	VITON	VITON
2 PLUG	ASTM A743 CA15	ASTM A351 CF8M	ASTM A352 LCC +316	18 O-ring	VITON	VITON	VITON
3 STEM	ASTM A182 F6a	ASTM A182 F316	ASTM A182 F316	19 BOLT	ASTM A193 B7M	ASTM A193 B8M	ASTM A193 L7M
4 CONNECTING BLOCK	ASTM A105	ASTM A182 F316	ASTM A182 F316	20 NUT	ASTM A194 2HM	ASTM A194 8M	ASTM A194 7M
5 COVER	ASTM A105	ASTM A182 F316	ASTM A182 F316	21 BOLT	ASTM A193 B7M	ASTM A193 B8M	ASTM A193 L7M
6 BLOCK	AISI 1045	ASTM A276 316	ASTM A276 316	22 NUT	ASTM A194 2HM	ASTM A194 8M	ASTM A194 7M
7 PACKING	GRAPHITE	GRAPHITE	GRAPHITE	23 SEALANT	CARBON STEEL	STAINLESS STEEL	STAINLESS STEEL
8 GASKET	316+GRAPHITE	316+GRAPHITE	316+GRAPHITE	24 GREASE VALVE	CARBON STEEL	STAINLESS STEEL	STAINLESS STEEL
9 PACKING	PTFE+GRAPHITE	PTFE+GRAPHITE	PTFE+GRAPHITE	25 CHECK VALVE	CARBON STEEL	STAINLESS STEEL	STAINLESS STEEL
10 ADAPTOR PLATE	ASTM A105	ASTM A182 F316	ASTM A182 F316	26 SEALING DEVICE	CARBON STEEL	STAINLESS STEEL	STAINLESS STEEL
11 BEARING	PTFE	PTFE	PTFE	27 SEALING GREASE	CARBON STEEL	STAINLESS STEEL	STAINLESS STEEL
12 BOLT	ASTM A193 B7M	ASTM A193 B8M	ASTM A193 L7M	28 KEY	AISI 1045	ASTM A276 316	ASTM A276 316
13 TOP BLOCK	ASTM A276 410	ASTM A276 316	ASTM A276 316	29 TAPER PIN	AISI 1045	ASTM A276 316	ASTM A276 316
14 OPERATOR	ASSEMBLED	ASSEMBLED	ASSEMBLED	30 BOLT	ASTM A193 B7M	ASTM A193 B8M	ASTM A193 L7M
15 SPRING	AISI 302	AISI 302	AISI 302	31 LIFTING EYE	CARBON STEEL	STAINLESS STEEL	STAINLESS STEEL
16 ANTISTATIC BALL	AISI 304	AISI 304	AISI 304	32 NUT	ASTM A194 2HM	ASTM A194 8M	ASTM A194 7M

*Note: Other material upon request

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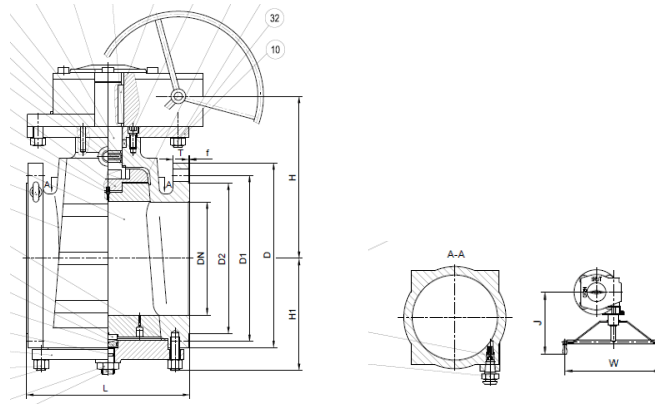
Design and Manufacturing Standards

Valve Design: ASME B16.34 / API 6D

Flange Dimensions: ASME B16.5

Face to Face Dimensions: ASME B16.10

Tested In Accordance with: API 598



CLASS 150

SIZE	inches	2"	3"	4"	6"	8"	10"	12"
	mm	50	80	100	150	200	250	300
L-RF	mm	178	203	229	267	292	534	610
L-BW	mm	267	330	356	457	521	559	635
H	mm	175	180	214	270	370	420	490
W	mm	350	600	700	900	*600	*600	*600

CLASS 300

SIZE	inches	2"	3"	4"	6"	8"	10"	12"
	mm	50	80	100	150	200	250	300
L-RF	mm	216	283	305	403	502	568	648
L-BW	mm	282	387	457	559	686	826	965
H	mm	184	185	265	307	390	430	580
W	mm	500	600	700	900	*600	*600	*700

CLASS 600

SIZE	inches	2"	3"	4"	6"	8"	10"
	mm	50	80	100	150	200	250
L RF/BW	mm	292	356	432	559	660	787
H	mm	175	180	250	340	405	555
W	mm	500	770	1100	1100	*600	*700

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CLASS 900							
SIZE	inches	2"	3"	4"	6"	8"	10"
	mm	50	80	100	150	200	250
L RF/BW	mm	368	381	457	610	737	838
H	mm	172	212	240	320	370	420
W	mm	700	800	1000	*600	*700	*762

CLASS 1500							
SIZE	inches	2"	3"	4"	6"	8"	10"
	mm	50	80	100	150	200	250
L RF/BW	mm	368	470	546	705	832	991
H	mm	260	310	355	430	403	460
W	mm	800	1000	1200	*600	*762	*762

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