

CARBON STEEL OR STAINLESS STEEL PISTON VALVE BOLTED BONNET DESIGN

DESIGN DESCRIPTION:

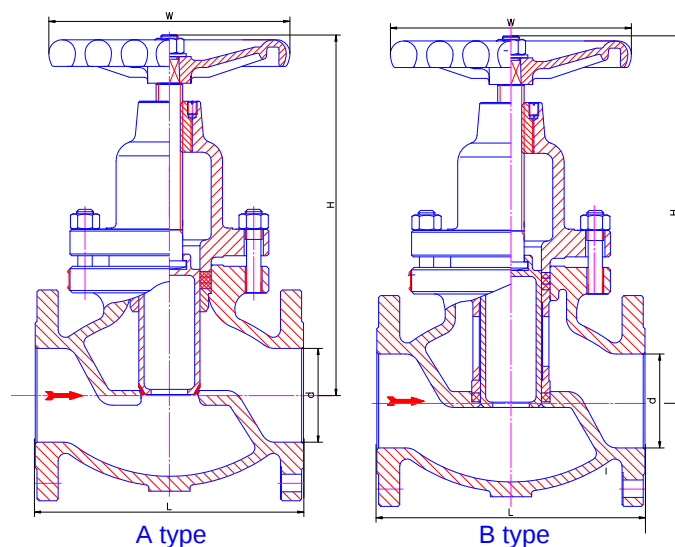
- Design: ANSI B16.34, BS1873;
- Manufacture: ANSI B16.34, BS1873;
- Face To Face: ANSI B16.10;
- Flange: ANSI B16.5, B16.25;
- Bolted Bonnet;
- Metal seal; Welding Integral seat;
- Soft Seal; Available Soft Seal;
- Handwheel Operator, Available With Gear Operator
- Material and Working Temp.:
 - ◆ Cast Steel: -20 °C-400 °C(-4°F -752°F)
 - ◆ PTFE: 180 °C(356°F) Maximum
 - ◆ Stainless Steel Seal: 180 °C(356°F) Maximum



PARTS AND MATERIAL:

PARTS NAME	MATERIALS
BODY	ASTM A216-WCB/A351-CF8/A351-CF8M
SEAT	PTFE+C
SEAT	13CR/SS304/SS316
PITON	ASTM A351-CF8/A351-CF8M/F6a
YOKE	STAINLESS STEEL
GASKET	PTFE/GRAPHITE
BONNET	ASTM A216-WCB/ A351-CF8/A351-CF8M
BONNET BOLT	ASTM A193-B7
BONNET NUT	ASTM A194-2H
STEM	ASTEM SS410/SS304/SS316
STEM NUT	BRASS
HANDWHEEL	CAST IRON
H.W. LOCK NUT	DUCTILE IRON

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

Press.	CLASS150															
SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	108	117	127	140	165	203	216	241	292	356	406	495	622	698	787	914
H	150	170	195	225	240	255	315	375	415	425	520	650	700	850	870	1040
D0	100	100	120	140	160	180	200	240	280	320	350	450	500	550	600	700
Press.	CLASS300															
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	152	178	203	216	229	267	292	318	356	400	444	559	622	711	762	864
H	150	170	195	225	240	255	315	375	415	425	520	650	700	850	870	1040
D0	120	120	140	160	180	200	240	280	320	350	450	500	550	600	700	750

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.