

**CARBON STEEL OR STAINLESS STEEL  
PISTON VALVE BOLTED BONNET DESIGN**

**DESIGN DESCRIPTION:**

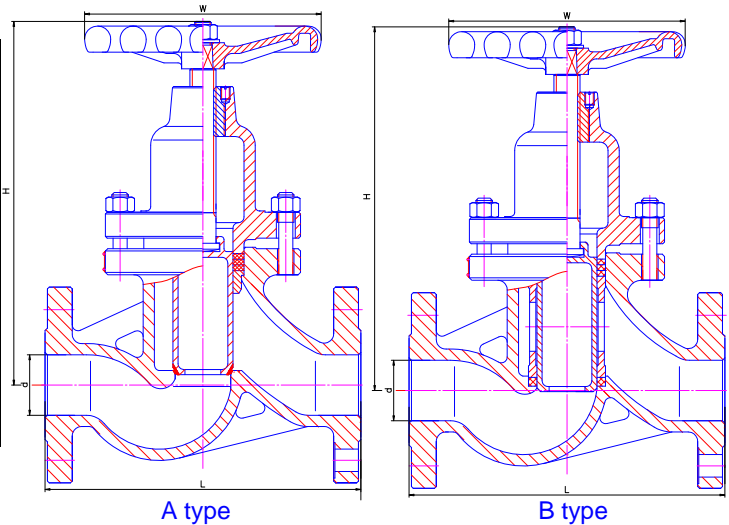
- Design: DIN 3356;
- Manufacture: DIN3356;
- Face To Face: DIN 3202-F1/F2;
- Flange: DIN2543/2544/2545/2546/2547,EN1092-1;
- Bolted Bonnet;
- Metal seal; Welding Integral seat;
- Soft Seal; Available Soft Seal;
- Handwheel Operator, Available With Gear Operator
- Material and Working Temp.:
  - ◆ Cast 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(B)	PTFE+C
SEAT(A)	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.	PN16															
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	130	150	160	180	200	230	290	310	350	400	480	600	650	750	780	914
H	140	160	185	215	230	245	305	365	405	415	510	650	700	850	870	1040
W	100	100	120	140	160	180	200	240	280	320	350	450	500	550	600	700
Press.	PN25															
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	130	150	160	180	200	230	290	310	350	400	480	600	650	750	780	914
H	150	170	195	225	240	255	315	375	415	425	520	650	700	850	870	1040
W	100	100	120	140	160	180	200	240	280	320	350	450	500	550	600	700
Press.	PN40															
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	130	150	160	180	200	230	290	310	350	400	480	600	650	750	780	914
H	150	170	195	225	240	255	315	375	415	425	520	650	700	850	870	1040
W	100	100	120	140	160	180	200	240	280	320	350	450	500	550	600	700
Press.	PN63															
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	170	190	210	230	260	300	340	380	430	500	550	650	650	750	850	950
H	160	180	205	235	250	265	325	385	425	440	460	510	560	610	660	710
W	120	140	160	180	200	240	280	320	350	400	400	450	500	550	600	700
Press.	PN100															
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	170	190	210	230	260	300	340	380	430							
H	160	180	205	235	250	265	280	290	310							
W																

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