



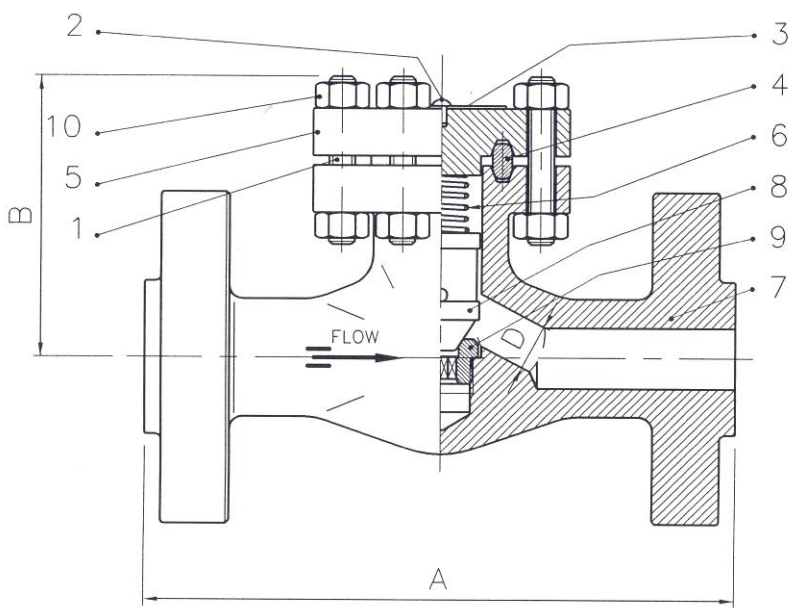
# CVB VALVES S.R.L.

Via dell'Industria, 24 – 20020 Arconate (MI) - Italy  
 Tel: (+39).0331.461737 C.F. e P.IVA:08735550967  
 www.cvbvalves.com E-mail: info@cvbvalves.com

1500-2500 Lbs

FORGED PISTON CHECK VALVES

CVB-FPC-003



**BASIC DESIGN STANDARDS**  
**Basic Design** ISO 15761- BS 5352  
**Wall Thickness / Pressure / Temperature** According to ANSI B16.34  
**Ends** RF according to ANSI  
**Dimensions** B16.5  
**Bore** Reduced & Full

**TEST PRESSURE TO API 598 bar**

Class	Shell (water)	Seat (water)	Seat (air)
1500	388	285	6.0
2500	638	468	6.0

\*\* Also available BALL check valve type

BILL OF MATERIALS STANDARD ACCORDING TO ASTM					
No	Part Name	Carbon Steel		Alloy Steel	Stainless Steel
		A105/F6	A105/F6 HF	F11/F6 HF	SS316
01	Rivet	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
02	Name Plate	Aluminium	Aluminium	Aluminium	INOX
03	Bolts B/C	A193 B7	A193 B7	A193 B7	A193 B8
04	Spring	A479 TP316	A479 TP316	A479 TP316	A479 TP316/L
05	Cover	ASTM A105N	ASTM A105N	ASTM A182 Gr. F11	ASTM A182 Gr. F316L
06	*Gasket B/C	F316 + Graphoil	F316 + Graphoil	F316 + Graphoil	F316 + Graphoil
07	Piston	A479 TP410	A479 TP410 + ST.6	A479 TP410 + ST.6	A479 TP316L
08	Seat	A479 TP410	A479 TP410 + ST.6	A479 TP410 + ST.6	A479 TP316L
09	Body	ASTM A105N	ASTM A105N	ASTM A182 Gr. F11	ASTM A182 Gr. F316L

\* Recommended Spare Parts



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SIZE (Full Bore)		DIMENSION in mm (ANSI 1500#) Ring Joint B/B Gasket / WB				
Inches	mm	A	B	C	D	Kg (HANDWHEEL)
1/2"	15	216	90	11	-	7.6
3/4"	20	229	105	14.5	-	10.8
1"	25	254	120	19	-	14.5
1-1/2"	40	305	160	31	-	31
2"	50	368	170	37.5	-	43

SIZE (Full Bore)		DIMENSION in mm (ANSI 2500#) Ring Joint B-B Gasket / WB				
Inches	mm	A	B	C	D	Kg (HANDWHEEL)
1/2"	15	264	10	10	-	9.8
3/4"	20	273	14	14	-	11.8
1"	25	308	19	19	-	16.5
1-1/2"	40	384	28	28	-	37
2"	50	451	35	35	-	58

FORGED STEEL PISTON CHECK VALVES CLASS 1500-2500 LBS