



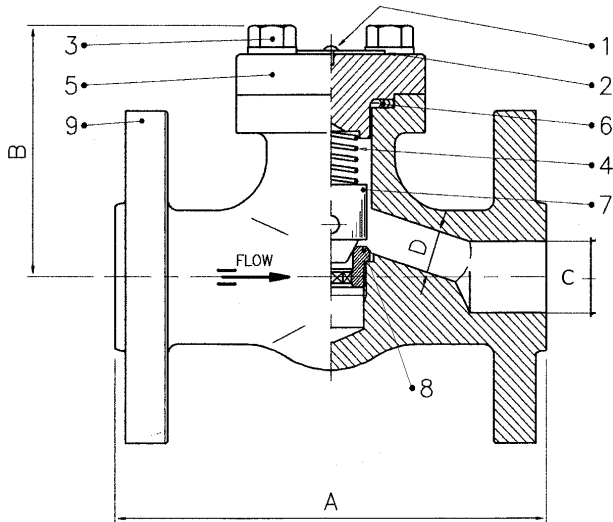
CVB VALVES S.R.L.

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

150-300-600 Lbs

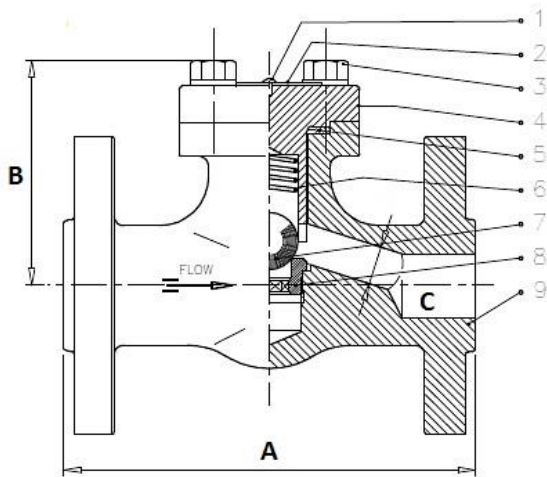
FORGED PISTON CHECK VALVES

CVB-FPC-001



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)
150	30	22	6.0
300	77	57	6.0
600	153	113	6.0

BILL OF MATERIALS STANDARD ACCORDING TO ASTM

No	Part Name	Carbon Steel		Alloy Steel	Stainless Steel
		LTCS	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 LF2	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+ST.6	A479 TP410 + ST.6	A479 TP410 + ST.6	A479 TP316L
09	Body	ASTM LF2	ASTM A105N	ASTM A182 Gr. F11	ASTM A182 Gr. F316L

* Recommended Spare Parts



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

150-300-600 Lbs

FORGED PISTON CHECK VALVES

SIZE (Reduced Bore)		DIMENSION in mm (ANSI 150#) BB/WB				
Inches	mm	A	B	C	D	Kg (HANDWHEEL)
1/2"	15	108	70	9	-	2.6
3/4"	20	118	80	12.5	-	3.8
1"	25	127	92	17.5	-	5.1
1-1/2"	40	165	100	29	-	8.9
2"	50	203	140	35	-	14.3

SIZE (Full Bore)		DIMENSION in mm (ANSI 150#) BB/WB				
Inches	mm	A	B	C	D	Kg (HANDWHEEL)
1/2"	15	108	76	12	-	2.8
3/4"	20	118	80	16	-	4
1"	25	127	92	21	-	5.3
1-1/2"	40	165	100	33	-	9
2"	50	203	140	45	-	15

SIZE (Reduced Bore)		DIMENSION in mm (ANSI 300#) BB/WB				
Inches	mm	A	B	C	D	Kg (HANDWHEEL)
1/2"	15	152.5	50	9	-	2.8
3/4"	20	178	55	12.5	-	4.7
1"	25	203	70	17.5	-	5.7
1-1/2"	40	229	98	29	-	11.8
2"	50	267	110	35	-	17

SIZE (Full Bore)		DIMENSION in mm (ANSI 300#) BB/WB				
Inches	mm	A	B	C	D	Kg (HANDWHEEL)
1/2"	15	152.5	80	12	-	3
3/4"	20	178	85	17.5	-	5.1
1"	25	203	95	21	-	6
1-1/2"	40	229	102	35	-	12.5
2"	50	267	145	45	-	19

FORGED STEEL PISTON CHECK VALVES CLASS 150- 300-600 LBS



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

150-300-600 Lbs

FORGED PISTON CHECK VALVES

SIZE (Reduced Bore)		DIMENSION in mm (ANSI 600#) BB/WB				
Inches	mm	A	B	C	D	Kg (HANDWHEEL)
1/2"	15	165	50	9	-	2.9
3/4"	20	191	55	12.5	-	4.8
1"	25	210	70	17.5	-	9.7
1-1/2"	40	241	98	29	-	12
2"	50	292	110	35	-	17.3

SIZE (Full Bore)		DIMENSION in mm (ANSI 600#) BB/WB				
Inches	mm	A	B	C	D	Kg (HANDWHEEL)
1/2"	15	165	80	12	-	3.1
3/4"	20	191	85	16	-	5.3
1"	25	210	95	22	-	6.2
1-1/2"	40	241	102	34	-	12.8
2"	50	292	145	45	-	19.2