

# AMCO INDUSTRIAL VALVES

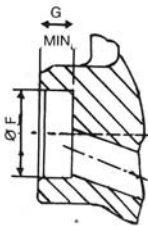
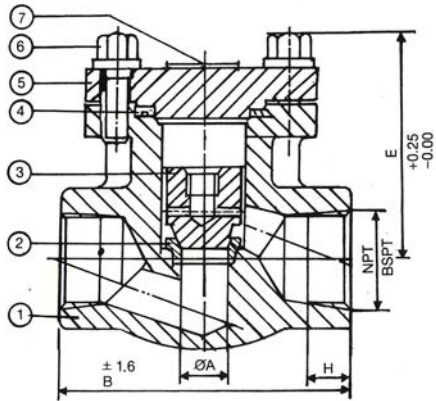


Forged Steel Lift Check Valve Class - 800

DATE: 13 - 06 - 07

REF: DRG. NO CVL - 7 - 0650

General Arrangement



No	Description	Qty	Material	Specification	Remarks
1	Body	1	Forged Carbon Steel	ASTM A 105	
2	Seat Ring	1	Stainless Steel	AISI 410	Hardness 270 - 300 HB
3	Plug	1	Stainless Steel	AISI 410	Hardness 350 - 475 HB
4	Gasket	1	Spiral Wound Stainless Steel with Asbestos Filler	AISI 304	
5	Cover Plate	1	Forged Carbon Steel	ASTM A 105	
6	Collar Bolt / Hex	4	Alloy Steel	ASTM A 193 Gr B7	
7	Name Plate	1	Anodised Aluminium		

Technical Data

Design Code	Applicable Requirement	End Connection	
		API 602 BS 1873 BS 5352	Socket Weld Screwed Butt Welding
Testing Code	IBR BS 5146 API 598 ANSI B 16.5	Pressure Temp Rating	ANSI B 16.5 API 602 BS 2995

These Valves are available with Forged Alloy Steel ASTM A 182 GRF5 F11 F 304 F 316 and Trimmed SS 316 SS 304 with or Without Hard Facing (Stellite) Seat No Air Test is Offered.

Hydrostatic	Body	3000 PSIG
Test Pressure	Seat	2200 PSIG
	Low Pressure Seat 25%	80 PSIG
Primary Service	800 PSIG AT 850 ° F	

SN	Size	Ø A	B	E	Ø F	G	H	Code	Approx (Wgt Kg)
1	6	6.4	85	62	14.0	9.5	10.1	001 CVL	1.30
2	10	6.4	85	62	17.5	9.5	10.1	002 CVL	1.28
3	15	9.5	85	62	21.7	9.5	13.5	003 CVL	1.2
4	20	12.7	92	66	27.1	12.7	13.8	004 CVL	1.6
5	25	17.6	101	83	33.8	12.7	17.3	005 CVL	2.8
6	40	28.5	127	108	48.6	12.7	18.3	006 CVL	7.3
7	50	30.1	140	117	61.1	15.9	19.2	007 CVL	11.3

(All Dimensions in mm)

Customer \_\_\_\_\_  
 Order No: \_\_\_\_\_  
 Job / Project \_\_\_\_\_

Manufactured By : **AMCO INDUSTRIAL VALVES**, ROYAPURAM, CHENNAI - 600 013, INDIA.

Due to continuous development programme, the design and data given in this leaflet are subject to change without prior notice.

REV

For Record

For Approval