

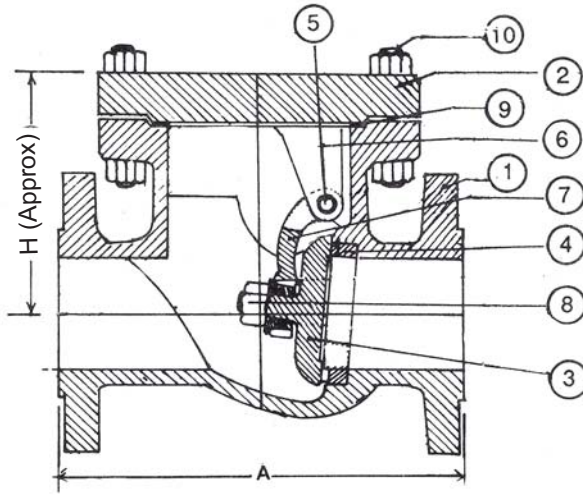
AMCO INDUSTRIAL VALVES



Swing Check Valve Class - 150

DATE: 13 - 06 - 07

REF: DRG. NO SCV - 150



No	Part Name	Qty	Material Specification
1	Body	1	ATMA 216 Gr. WCB ASTM A 351 Gr. CF 8 / CF 8M / CN 7M
2	Cover Plate	1	ASTM A216 Gr. WCB ASTM A351 Gr. CF 8 / CF 8M / CN 7M
3	Disc	1	C.S. With 13% Cr. Facing S.S. 304 / S.S. 316
4	Seat Ring	1	C.S. With 13% Cr. Facing Integral Seat for Alloy Steel Valve
5	Arm PIN	1	AISI 410, 304, 316, A 20
6	Bracket	1	ASTM A216 Gr. WCB ASTM A351 Gr. CF 8 / CF 8M / CN 7M
7	Lever Arm	1	ASTM A216 Gr. WCB ASTM A351 Gr. CF 8 / CF 8M / CN 7M
8	Arm Nut	1	C.S. / S.S. 304 / S.S. 316
9	Gasket	1	S.S. Spiral Wound / As Req.
10	Stud Nut	As Req.	ASTM A193 Gr. B7 ASTM A194 Gr. 2H

'H' Nos 'K' Ø Holes On
'M' P.C. D Drilled Off Centre
Equispaced

Applicable Class 150 Steel Valves - ANSI B16.34 - 1977 Standard Class
Face to Face ANSI B16.10, End. Flanges ANSI B16.5
Manufacturing Standards - BS - 1868. Testing Standards API / 598

Size	A	H	Flange ø	Flange THK	Raised Face ø	Raised Face THK	PCD	No of Holes	Hole ø
40	145	90	127	17.5	73	1.6	98.4	4	15.9
50	203	115	152	19.0	92	1.6	120.6	4	19.0
65	216	121	178	22.2	105	1.6	139.7	4	19.0
80	241	127	190	23.8	127	1.6	152.4	4	19.0
100	292	140	229	23.8	157	1.6	190.5	8	19.0
150	406	185	279	25.4	216	1.6	241.2	8	22.2
200	495	210	343	28.0	270	1.6	288.4	8	22.2
250	622	248	406	30.0	324	1.6	362.0	12	25.4
300	699	300	483	32.0	381	1.6	432.0	12	25.4
Wgt. Kg									
Qty.									
Tag No.									

Code	WCB
Material	ASTM A 216
Specification	WCB
Test Pressure	
Shell (Hydrostatic)	30 Kg / cm ²
Seat (Hydrostatic)	21 Kg / cm ²
Seat (Air)	5.5 Kg / cm ²

(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

