

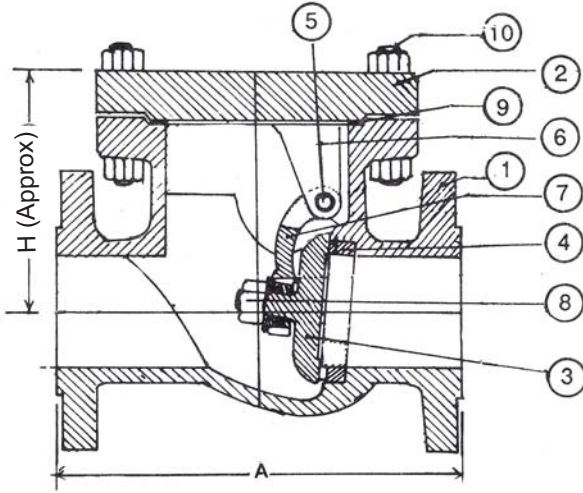
AMCO INDUSTRIAL VALVES



Swing Check Valve Class - 300

DATE: 13 - 06 - 07

REF: DRG. NO SCV - 300



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' \emptyset Holes On
'M' P.C. D Drilled Off Centre
Equispaced

Applicable Class 300 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 \emptyset	Flange THK	Raised Face \emptyset	Raised Face THK	PCD	No of Holes	Hole \emptyset
40	229	95	156	20.6	73	1.6	114.3	4	22.2
50	267	110	165	22.2	92	1.6	127.0	8	19.0
65	292	130	190	25.4	105	1.6	149.2	8	22.2
80	318	140	210	28.6	127	1.6	168.3	8	22.2
100	356	160	254	31.8	157	1.6	200.0	8	22.2
150	445	210	318	36.5	216	1.6	269.9	12	22.2
200	533	230	381	41.3	270	1.6	330.2	12	22.2
250	622	260	445	48.0	324	1.6	387.4	16	32.0
300	711	318	521	51.0	381	1.6	451.0	16	28.5
Wgt. Kg									
Qty.									
Tag No.									

Code	WCB
Material	ASTM A 216
Specification	WCB
Test Pressure	
Shell (Hydrostatic)	77 Kg / cm ²
Seat (Hydrostatic)	53 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

