

# AMCO INDUSTRIAL VALVES

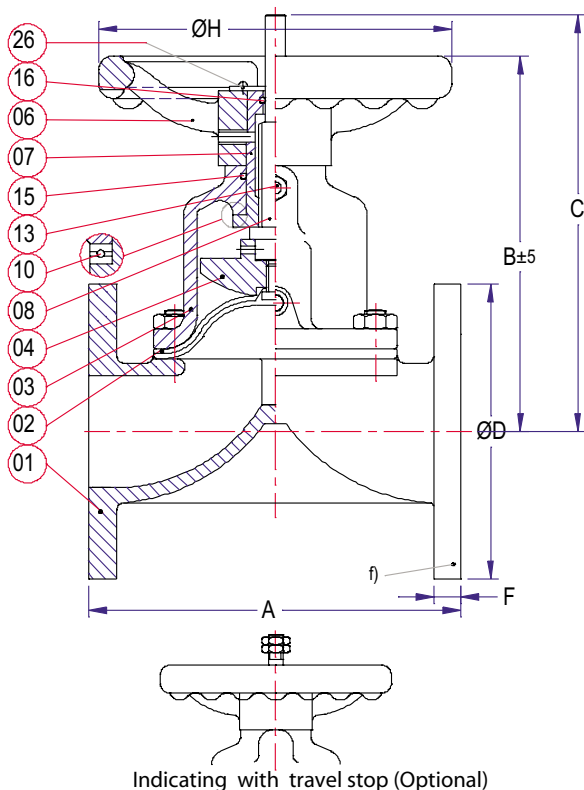


Diaphragm Valve - Unlined, Model 'WT - UL'

Date : 24 - 06 - 2007

DRG. No : DPV - WT - UL

Unlined



PT.NO.	Part Name	Material
01	Body #	CI/ DI/ S G IRON/ WCB/ CF8/ CF8M
02	Diaphragm <sup>a)</sup>	
03	Bonnet	CI/ WCB/ CF8/ CF8M
04	Compressor	CI/ WCB/ CF8/ CF8M
06	Handwheel	CI
07	Stem Bushing	S.G.IRON
08	Stem	410
10	Thrusr Bearing <sup>b)</sup>	Steel
13	Lubrication Fitting <sup>c)</sup>	Brass
15	'O' Ring seal (Bushing) <sup>d)</sup>	Buna - N
16	'O' Ring seal (Stem) <sup>d)</sup>	Buna - N
26	Name Plate <sup>e)</sup>	304

- a) Diaphragm Hardness : \_\_\_\_\_ Shore 'A'  
 b) For Sizes 80 and Higher  
 c) Applicable for sizes 125 & Higher, Not Applicable for Sealed Bonnet  
 d) For Sealed Bonnet only (Sealed Bonnet available on request)  
 e) For sizes 125 & Higher on Flanges  
 f) Flange Drilling
- Note.  
 1) Valve Length = EN 558-1 Series 7 ( BS 5156) & EN 558-1 Series 1 ( DIN 3202 Series F1 )  
 2) Weight (Wt) Indicated is approximate.  
 3) Valves with Body Material in Carbon Steel, Stainless Steel have flanges with raised face.

Design Standard: EN - 13397 (2001) (BS 5156)

Testing Standard: prEN - 12266- 3(1995)/BS6755 - I

All Dimensions are in mm.

Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	
A	Series 7	108	117	127	146	159	190	216	254	305	356	406	521	635	749	749
	Series 1	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980
B	89	97	111	112	150	157	177	230	252	302	364	475	580	684	825	
C	90	102	118	131	164	179	206	260	296	362	431	584	699	825	1025	
øD	95	105	115	133	150	165	185	200	229	254	285	343	406	483	533	
øH	70		100		140		180	225		310	368	471	587	690		
F	CI	12.0	12.0	12.0	12.0	15.0	17.5	18.0	19.0	23.8	23.8	25.4	22.0	24.0	24.0	26.0
	Steel	9.7	10.5	11.2	13.0	14.2	15.8	17.5	19.0	20.0	22.0	22.0	20.0	22.0	22.0	22.0
Wt.	Series 7	2.5	2.6	3.5	4.5	7	10	15	22	37	62	91	163	240	418	480
kg	Series 1	2.8	3.2	4.2	5.5	8	15	19	26	42	68	106	185	275	480	550
Opt.PR. bar	16.00						10.50			10.00		7.00	6.00			
Qty																
Test Pressure	bar															
HYD	Shell	24.00						15.75			15.00	10.50	9.00			
	Seat	17.60						11.5			11.00	7.70	6.60			
Air Seat	5.00															
Test Pressure	bar For PTFE Diaphragm															
Opt.PR. bar	10.00						5.00									
HYD	Shell	15.00						7.50								
	Seat	10.00						5.00								
Tag No																
Code	CI		DI	WCB	CF8	CF8M	S.G.Iron				410	304				
Material Specn	EN1561	IS: 210	A 395	A 216	A 351	A 351	EN 1563 #	EN 1563	IS: 1865	A 276	A 240					
	EN -JL1040	FG 260	DI	WCB	CF 8	CF 8M	EN -JS1024	EN -JS1050	500/7	410	304					

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