

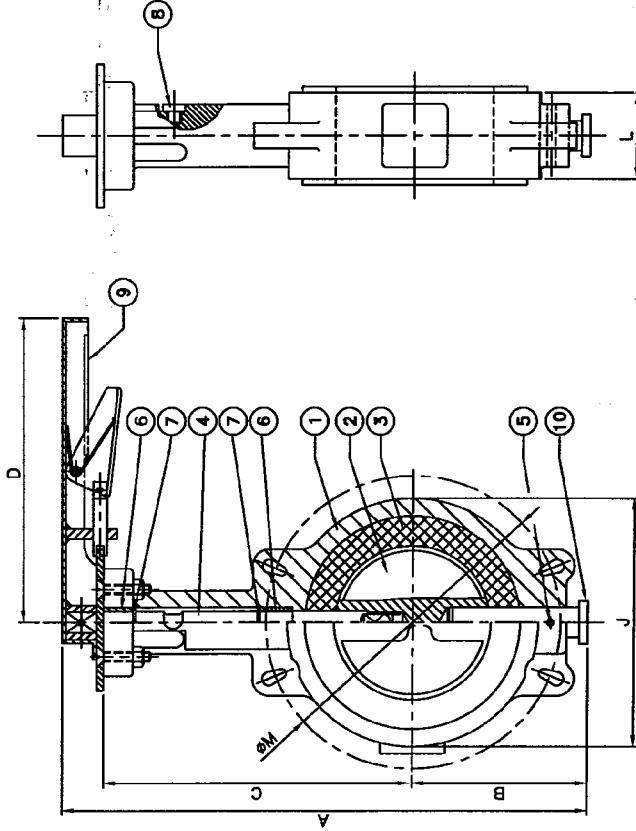
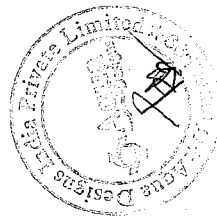
IT.NO.	COMPONENT	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
2	DISC	ASTM A351 Gr.CF8M
3	SEAT	EPDM-H
4	LONG SPINDLE	SS ASTM A276 GR. 420
5	ROLL PIN	STEEL
6	BUSHING	PTFE LINED
7	SNAP RING	STEEL
8	HEX. BOLT	IS 1367 CL. 8.8
9	HAND LEVER	M.S. PRESSED
10	SHORT SPINDLE	SS ASTM A276 GR. 420

SIZE IN mm	DN65
A	256
B	80
C	146
D	265
J	104
L	46.8
ØM	139.7
QTY	02

HYDROSTATIC TEST PRESSURE	
SHELL	15 BARG
SEAT	10 BARG

NOTE :-

1. DESIGN STANDARD - BS EN 593:2004 (EX- BS 5155)
2. FACE TO FACE DIMENSIONS - DIN EN 558-1:2008 SERIEIS 20 (EX- BS 5155)
3. TESTING STANDARD - BS EN 12266-1:2003 (EX- BS 6755 PART-1)
4. PRESSURE RATING = PN10
5. SUITABLE TO MOUNT BETWEEN ANSI B16.5-2003 CL150 FLANGES
6. OVERALL DIMENSIONS ARE INDICATIVE EXCEPT FACE TO FACE



Tag: No:- BFV-007, 009.

GENERAL ARRANGEMENT OF WAFER TYPE BUTTERFLY VALVE WITH HAND LEVER

CRANE CRANE PROCESS FLOW TECHNOLOGIES (P) LTD. PUNE INDIA

NAME	SIGN	DATE
DRN	RP	18.03.16
CHKD	KS	18.03.16
APRD	SK	18.03.16
DRAWING NO.	IDR-1373-01-04	
REV.	A	
CUSTOMER NAME :-	AQUA DESIGN	
CUSTOMER LOI NO. :-	1516LP/A-81	
SCALE :	NTS	
CRANE QA NO. :-	AWAIED	
CAD FILE :	IDR-1373-01-04	

REV.	DESCRIPTION	DATE

FLANGE DRILLING DETAILS

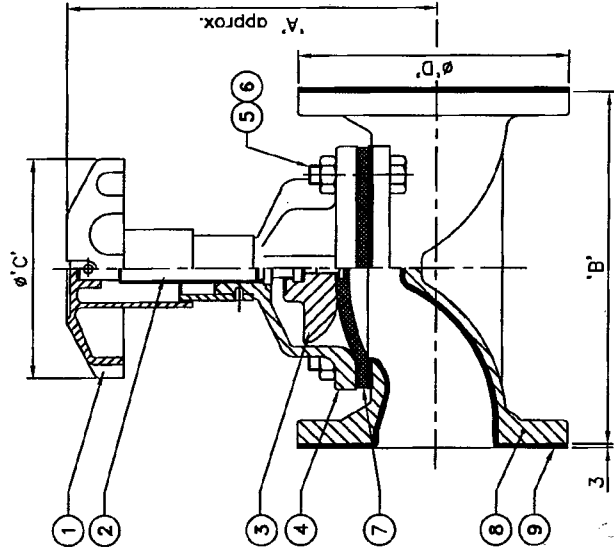
AS PER ANSI B16.5 CLASS 150

VALVE SIZE		O.D. MM.	P.C.D.	NO. OF HOLES	Ø HOLE MIN.	QTY No
INS	DN	USED				
1	25	115	79.4	4	16	11
1 1/2	40	135	98.4	4	16	03

SIZE DN	A MM	B MM	C MM
25	112	127	80
40	156	159	120

HYDO TEST PRESSURE	
SHELL	24 BARG
SEAT	18 BARG

BODY LINING MATERIAL	HARDNESS SHORE 'D'	SPARK TEST KV
HARD RUBBER LINED	80±5	17



DRAWING APPROVAL

IT IS THE CUSTOMER'S RESPONSIBILITY TO VERIFY THE DIMENSIONS AND INFORMATION SHOWN ON THIS DRAWING. DEVIATIONS FROM THE SPECIFICATION SHOWN ON THIS DRAWING WILL INCURE ADDITIONAL COSTS & MAY AFFECT DELIVERY. MAJOR CHANGES MAY BE SUBJECTED TO RE-QUOTE

APPROVAL

NAME _____

SIGNATURE _____

COMPANY _____

DATE _____

Tag: No:-

25NB - DV 001-005, 009, 010, 011

DV 012, 013, 014.

40NB - DV 006-008.

AMENDMENT		
ISSUE	DESCRIPTION	DATE
A	FIRST ISSUE	18.03.16
B	REVISED AS PER CUSTOMER REQUIREMENT	23.03.16

ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED		
9	BODY LINING	HARD RUBBER (ECONITE)
8	BODY	GREY CAST IRON BS EN 1561 OR EN-GJL-250 PHOSPHATED & BLACK EPOXY PAINTED
7	LINE DIAPHRAGM	HT NEOPRENE RUBBER
6	BODY/BONNET NUT	IS 1357 GR 8.0
5	BODY/BONNET BOLT	IS 1357 GR 8.8
4	BONNET	GREY CAST IRON BS EN1561 GR EN-GJL-250 PHOSPHATED & BLACK EPOXY PAINTED
3	COMPRESSOR	SILICON ALUMINIUM BS EN 1706 ALLOY AC-44100PK
2	SPINDLE	1 CARBON STEEL OR SAE1013
1	HANDWHEEL	ABS PLASTIC, BLACK
ITEM	DESCRIPTION	Part No. QTY

General Notes

1. DESIGN STANDARD - BS EN 13872:2002 (EX- BS 5156)

2. FACE TO FACE DIMENSIONS - DN EN 559-12008 SERIES 7 (EX- BS 5156)

3. VALVE INSPECTION - BS EN 12286-1:2003 & EN 12286-2:2002 (EX- BS 5796 PART-1)

4. FLANGE FACE WILL BE FLAT FACE

5. LARG THICKNESS 3mm MINIMUM AT WDR AND BORE

6. UNDOUL DIAPHRAGMS ARE MACHINE EXCEPT FACE TO FACE

Tag Numbers

Customer Name	AQUA DESIGN
Customer Order No.	181041-01
Customer Drawing No.	AWATED
Customer Drawing No.	AWATED
Valve Assembly Weight.	1'HT (NEOPRENE RUBBER)
Valve Body Weight.	Valve Body Weight.

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A Crane Co. Company

Saunders
The Science Trade

Title

GENERAL ARRANGEMENT OF DN25 & DN50 TYPE 'A' MANUAL RUBBER LINED DIAPHRAGM VALVE.

Drawn RP	Date 18.03.16	First Angle Projection	Project GEN ARRANGEMENT
Checked SK	Date 18.03.16	Method 1	Library
PED Signature A.B.S		Scale	CCA NOS
Solid Model No.		Drawing No.	NTS
		Issue	CGA-6152 B