



CUSTOMER:-  
 CONSULTANT:-  
 PO NO.:-  
 DTD:-

**GENERAL NOTES**  
 ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.  
 FLANGE CONNECTION:- AS PER **ANSI B 16.5 #150 FF**  
 VALVE DESIGN:- WEIR TYPE (ADVANCED VERSION)  
 TESTING STANDARD:- ISO 9393-2  
 PRESSURE RATING :- UPTO 50 NB=PN. 10 ; FOR 80 NB = PN.06

REV.	DATE	REV. DET.
III		
II		
I		
0		



**UNP Polyvalves (India) Pvt. Ltd.**  
 Leading Indian Manufacturer of Plastic Valves & Piping System.  
 VADODARA

DRAWING NO.	BY	CHK.	APRD	DATE
UNP/DGMV/PP/0H-03	PCK	KSL	ANS	8.02.2018
TITLE:- PP DIAPHRAGM VALVE FLANGED END (GENERAL ASSEMBLY)				

SR NO.	DESCRIPTION	QTY.	MATERIAL
1	BODY	01	POLYPROPYLENE
2	BONNET	01	CS UPTO 2" CI ABOVE 2" EPOXY PAINTED
3	BOLTS & NUTS	04	SS 304
4	HANDWHEEL	01	POLYPROPYLENE
5	SLEEVE SPINDLE ASSLY.	01	SS 304
6	COMPRESSOR	01	CS UPTO 2" CI ABOVE 2"
7	DIAPHRAGM	01	PTFE PADED WITH EPDM RUBBER
8	POSITION INDICATOR	01	SS 304
9	INDICATOR CAP*	01	POLYCARBONATE

NOTE:- (1) \* INDICATOR CAP FROM 25NB VALVE.

SIZE (NB)	ITEM CODE	DIMENSION TABLE						QTY.		
		ØD	L±3	ØD±1	T±2	ØK ±1.6	H±5			
15 MM	PDGVM1P9T2XXF2LN0H	13	120	95	17	60	95	04	14	04
20 MM	PDGVM1P9T2XXF2LN7S	20	130	98	17	70	130	04	14	04
25 MM	PDGVM1P9T2XXF2LN01	25	150	120	17	79	150	04	14	04
32 MM*	PDGVM1P9T2XXF2LN32	38	178	140	18	89	205	04	14	04
40 MM	PDGVM1P9T2XXF2LN1H	38	178	140	18	98	205	04	14	04
50 MM	PDGVM1P9T2XXF2LN02	50	213	160	19	121	215	04	18	04
65 MM**	PDGVM1P9T2XXF2LN2H	75	280	200	23	140	285	04	18	04
80 MM	PDGVM1P9T2XXF2LN03	75	280	200	23	152	285	04	18	04

NOTE:- (1) 32NB\* :- OUR STANDARD 40 NB VALVE WITH FLANGE DRILLING OF 32 NB VALVE.  
 (2) 65NB\*\* :- OUR STANDARD 80 NB VALVE WITH FLANGE DRILLING OF 65 NB VALVE.

TESTING TABLE			
HYDRO-TEST PRESSURE			
MEDIUM-WATER			
SIZE:-	UPTO 50 NB	SIZE:-	FOR 80NB
BODY :-	10 KG/CM <sup>2</sup>	BODY :-	07 KG/CM <sup>2</sup>
SEAT :-	10 KG/CM <sup>2</sup>	SEAT :-	07 KG/CM <sup>2</sup>