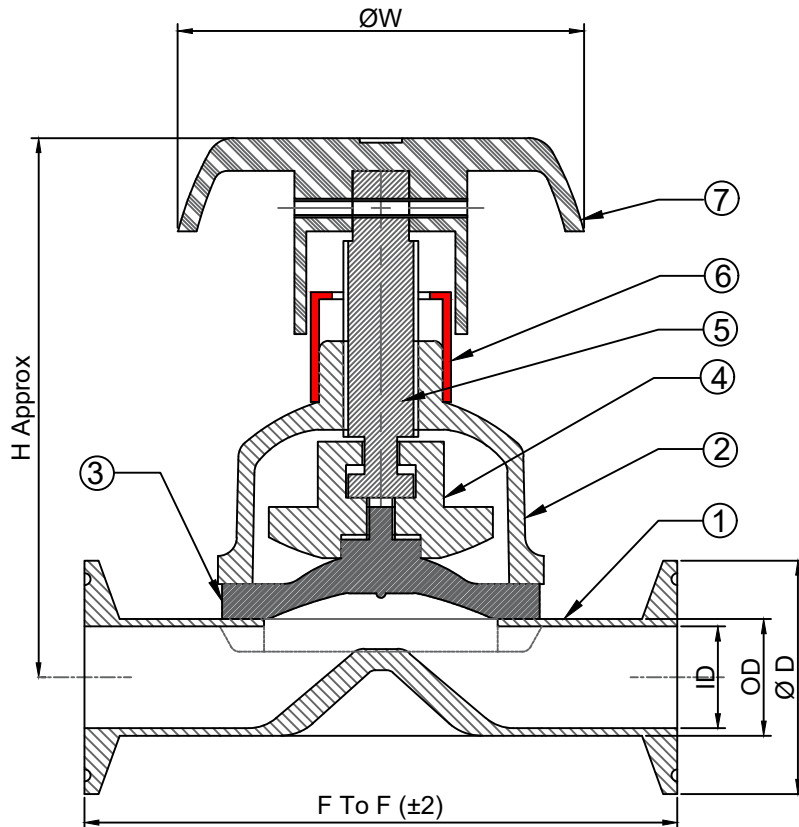


MANUFACTURER :- MASCON TECHNEEDS**CLIENT NAME :- -----****CONSULTANT :- -----****PO.NO :- -----**

NOTES:-

- 1- DO NOT SCALE THE DWG.
- 2- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
- 3- GENERAL TOLERANCES = ± 0.2 .
- 4- MATERIAL WILL BE AS PER CUSTOMER REQUIREMENT. EXCEPT FOR STANDARD PARTS.

**TECHNICAL SPECS.:-**

- Body Test Pressure : 16 Bar.
- Seat Test Pressure : 10 Bar.
- Internal Surface Finish : ≤ 0.4 Micron.
- External Surface finish : As Cast.
- Valve Rating : PN10.
- Max. Temperature : STD-120° C.

STANDARD :-

- Designing - BS EN 13397 : 2002,
- Pipe Connection: ASME BPE : 2007,
- Face to Face : BS EN 558-1 :1996.

DIAPHRAGM :-

- Optional -ED+TF, EPDM,SILICON, ED+TFP .

REMARKS :-

- Wheel For DN80 - SS 304 (Only)
- F To F For DN8, DN10 & DN15 -108 (If used ED+TFP)
- Bonnet For DN8, DN10 & DN15 - GFN or SS 304

| Size | F To F | D | OD | ID | H | W |
|-------|--------|------|------|------|-----|-----|
| DN 8 | 84 | 25 | 12.7 | 3.05 | 73 | 33 |
| DN 10 | 84 | 25 | 12.7 | 6.23 | 73 | 33 |
| DN 15 | 84 | 25 | 12.7 | 9.4 | 73 | 33 |
| DN 20 | 116 | 50.4 | 19.1 | 15.8 | 88 | 65 |
| DN 25 | 127 | 50.4 | 25.4 | 22.2 | 116 | 88 |
| DN 40 | 160 | 50.4 | 38.1 | 34.8 | 157 | 120 |
| DN 50 | 190 | 64 | 50.8 | 47.6 | 180 | 120 |
| DN 65 | 216 | 77 | 63.5 | 60.3 | 184 | 120 |
| DN 80 | 254 | 91 | 76.2 | 73 | 240 | 250 |

| | | | |
|-----------|---------------------|--------------|-------------|
| 7 | WHEEL | ABS / SS 304 | 1 |
| 6 | INDICATOR | PP | 1 |
| 5 | SPINDLE | SS 304 | 1 |
| 4 | COMPRESSOR | SS 304 | 1 |
| 3 | DIAPHRAGM | OPTIONAL | 1 |
| 2 | VALVE BONNET | SS 304 | 1 |
| 1 | VALVE BODY | SS 316L | 1 |
| NO | DESCRIPTIONS | MOC | Qty. |

DESCRIPTION : MANUAL DIAPHRAGM VALVE.

| | | | | |
|-----------|---------|------------|----------------------------|---------------|
| DRAW BY | KALPESH | 13/08/2021 | FOR : | REV.:- 0 |
| DESIGN BY | SANDEEP | 13/08/2021 | SCALE : NTS | SHEET 1 OF 1. |
| CHD. BY | SANDEEP | 13/08/2021 | MODEL: 261M32 | PROJ. |
| APPD. BY | PRK Sir | 13/08/2021 | DRG. NO : GA/261M/13-08-21 | |

