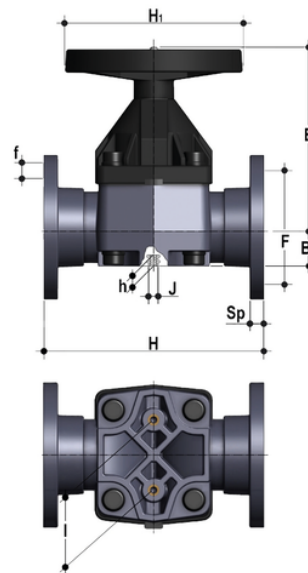


# VMOAV – Diaphragm valve DN 80:100

Diaphragm valve with flanged monolithic body, drilled ANSI B16.5 cl. 150 #FF.



## EPDM

| Reference | d  | DN  | PN  | B   | B <sub>1</sub> | F     | f    | H   | H <sub>1</sub> | I   | J   | Sp   | U | g     |
|-----------|----|-----|-----|-----|----------------|-------|------|-----|----------------|-----|-----|------|---|-------|
| VMOAV300E | 3" | 80  | *10 | 225 | 64             | 152,4 | 19,1 | 263 | 200            | 100 | M12 | 21,5 | 4 | 8500  |
| VMOAV400E | 4" | 100 | *10 | 295 | 72             | 190,5 | 19,1 | 328 | 250            | 120 | M12 | 22,5 | 8 | 12400 |

## FKM

| Reference | d  | DN  | PN  | B   | B <sub>1</sub> | F     | f    | H   | H <sub>1</sub> | I   | J   | Sp   | U | g     |
|-----------|----|-----|-----|-----|----------------|-------|------|-----|----------------|-----|-----|------|---|-------|
| VMOAV300F | 3" | 80  | *10 | 225 | 64             | 152,4 | 19,1 | 263 | 200            | 100 | M12 | 21,5 | 4 | 8500  |
| VMOAV400F | 4" | 100 | *10 | 295 | 72             | 190,5 | 19,1 | 328 | 250            | 120 | M12 | 22,5 | 8 | 12400 |

## PTFE

| Reference | d  | DN  | PN  | B   | B <sub>1</sub> | F     | f    | H   | H <sub>1</sub> | I   | J   | Sp   | U | g     |
|-----------|----|-----|-----|-----|----------------|-------|------|-----|----------------|-----|-----|------|---|-------|
| VMOAV300P | 3" | 80  | *10 | 225 | 64             | 152,4 | 19,1 | 263 | 200            | 100 | M12 | 21,5 | 4 | 8500  |
| VMOAV400P | 4" | 100 | *10 | 295 | 72             | 190,5 | 19,1 | 328 | 250            | 120 | M12 | 22,5 | 8 | 12400 |

# VMOAV – Diaphragm valve DN 80:100

- **Handwheel** in (PA-GR) with high mechanical strength and ergonomic **grip for optimum manageability**
- **Metal optical position indicator** supplied as standard
- **Full protection bonnet in PP-GR** Internal circular and symmetrical diaphragm sealing area
- Diaphragm available in EPDM, FPM, PTFE (NBR on request) and easy to replace
- **Threaded metal inserts** for anchoring the valve
- **New valve body internal design:** substantially higher flow coefficient resulting in lower pressure drops. Optimised adjustment curve for effective and precise flow rate regulation
- Connection system for solvent welding and for flanged joints
- **Optimised fluid dynamic design:** maximum output flow rate thanks to the optimised efficiency of the fluid dynamics that characterise the new internal geometry of the body
- Handwheel that stays at the same height during rotation, with internal bearing to minimise friction and operating torque
- Standard optical indicator
- **Internal operating components in metal** totally isolated from the conveyed fluid
- Bonnet fastening screws in STAINLESS steel protected against the external environment by PE plugs
- **New flanged bodies:** the new bodies, characterised by a monolithic flanged structure, are available in PVC-U, PVC-C, PP-H and PVDF. This design, free from body and flange joints, greatly reduces mechanical stress and increases system performance.