

## Fit-Frame Butterfly Valves VFP-VFPX



## VFP-TYPE BUTTERFLY VALVES ENSURE OPTIMUM “MASS FLOW”, NO CONTAMINATION AND EASY HANDLING.

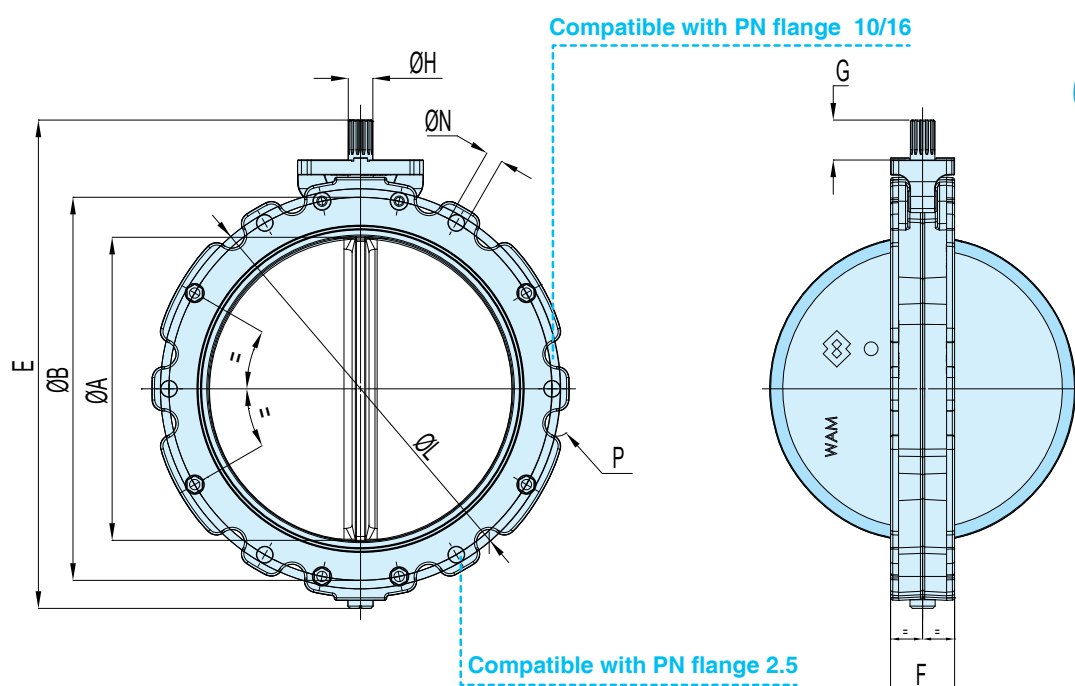
VFP-VFPX Butterfly Valves consist of two high-pressure die-cast semi-bodies manufactured from aluminum alloy, a swivel disc in SINT® engineering polymer composite, stainless steel or cast iron, and a pre-stressed elastomer seal. Thanks to its design material residue between valve and the connected feeding device is drastically reduced.

VFP-VFPX Butterfly Valves can be fitted beneath hoppers, bins, silos, screw or other type conveyors, or to intercept pneumatic conveying ducts. Due to their special design and to the engineering materials used, they represent a particularly economical yet most efficient solution.

### Technical Features

- Identical top and bottom flange;
- Pressure-proof up to 0.6 bar (8.7 PSI);
- High-pressure die-cast semi-bodies manufactured from aluminium alloy;
- Disc in cast iron, SINT® or POM engineering polymer, stainless steel;
- Seals for standard or food-grade application;
- Compatible with PN flanges (2.5/6 and 10/16 external grooves);
- OR groove on flange;
- Reduced height;
- Small number of components;
- Interchangeable discs;
- Highly abrasion-resistant;
- ATEX and FDA-certified;
- Ex-stock delivery.

### Overall Dimensions



| TYPE<br>V2FP/V2FPX | ØA  | ØB  | E   | F  | G  | ØH<br>DIN<br>5482 | ØN       |      | P                |  | ØL  | kg  |
|--------------------|-----|-----|-----|----|----|-------------------|----------|------|------------------|--|-----|-----|
|                    |     |     |     |    |    |                   | DRILLING |      | EXTERNAL GROOVES |  |     |     |
|                    |     |     |     |    |    |                   | Ø        | Qty. | Qty.             |  |     |     |
| 100                | 110 | 170 | 255 | 56 | 35 | 22X19             | 14       | 4    | 4                |  | 180 | 3.0 |
| 125                | 136 | 200 | 285 | 56 | 35 | 22X19             | 14       | 4    | 4                |  | 210 | 4.0 |
| 150                | 164 | 225 | 313 | 56 | 35 | 22X19             | 14       | 4    | 4                |  | 240 | 4.5 |
| 175                | 190 | 250 | 336 | 56 | 35 | 22X19             | 14       | 4    | 4                |  | 270 | 5.0 |
| 200                | 213 | 280 | 371 | 56 | 35 | 22X19             | 14       | 4    | 4                |  | 295 | 6.0 |
| 250                | 267 | 335 | 427 | 56 | 35 | 22X19             | 14       | 6    | 12               |  | 350 | 8.0 |
| 300                | 318 | 395 | 487 | 56 | 35 | 22X19             | 14       | 6    | 12               |  | 400 | 10  |
| 350                | 377 | 445 | 556 | 68 | 50 | 28X25             | 14       | 6    | 8                |  | 460 | 16  |
| 400                | 426 | 495 | 607 | 68 | 50 | 28X25             | 14       | 8    | 12               |  | 515 | 19  |

Compatible with ANSI B16.5.150.  
V1FP currently not in production

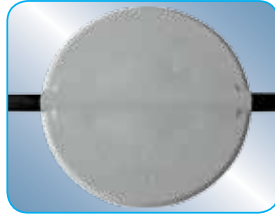
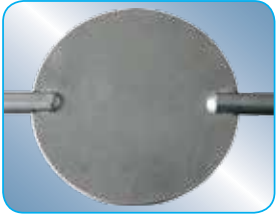


Available integral seal for food applications

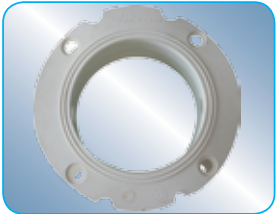
## Benefits

- ✓ Quick and easy maintenance;
- ✓ Minimum contamination due to "FIT-FRAME";
- ✓ Increased flow rates;
- ✓ High pressure-proof performance due to new OR groove;
- ✓ Lightweight (easy to handle);
- ✓ Excellent price-performance ratio.

### 1 Swivel discs

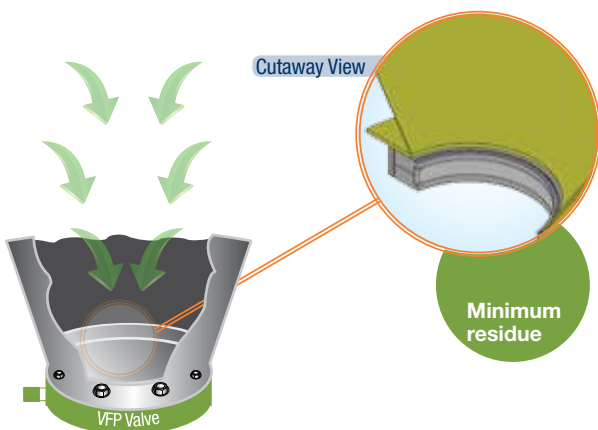


### 2 Seals

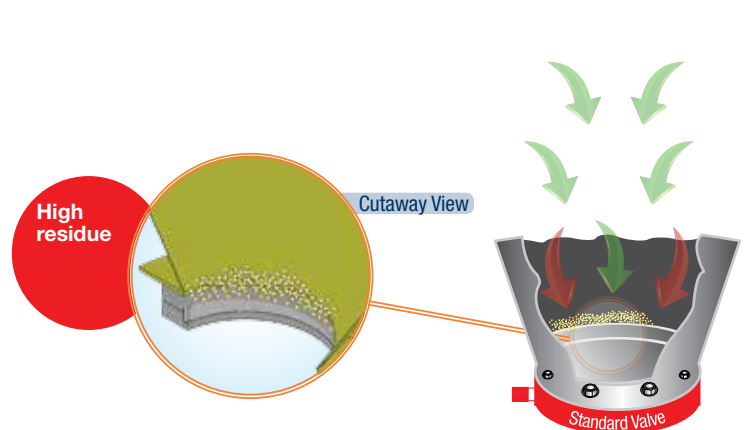


## Comparison between VFP Valve and Standard Valve

VFP VALVE



STANDARD VALVE



## MANUAL LEVER COUPLING



| Valve Size | Lever Code |
|------------|------------|
| 100 - 300  | CM4        |
| 350 - 400  | CM3B       |

## PNEUMATIC ACTUATOR COUPLING



| Valve Size | Actuator Code  |
|------------|----------------|
| 100 - 200  | CP063 (CP101)  |
| 250 - 300  | CP101 (CP126*) |
| 350 - 400  | CP126 (CP126T) |

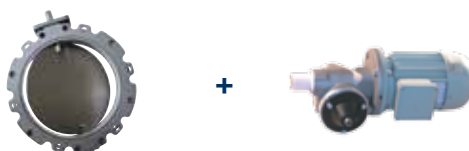
\* Adapter bush necessary.  
Actuator choice depends on application and type of material.

### Accessories:

| Solenoid Valve            |                     |
|---------------------------|---------------------|
| Actuator Code             | Solenoid Valve Code |
| CP063 - CP101             | V5V80 - V5VV80      |
| CP126 - CP126T            | V5V40 - V5VV40      |
| COIL 24/48/110/220V AC-DC |                     |

| Limit Switch Code |
|-------------------|
| MIC23             |
| LSM0 + LSM9       |

## GEAR MOTOR ACTUATOR COUPLING



| Valve Size | Actuator Code                 |
|------------|-------------------------------|
| 100 - 200  | AE040A11 (AE051A11)           |
| 250 - 300  | AE051A11 (AE060A11- AE070A1D) |
| 350 - 400  | AE060A21 ( AE070A2D)          |

Actuator choice depends on application and type of material.

### Accessories:

| Limit Switch Code |
|-------------------|
| MIC23             |
| LSM0 + LSM9       |

\* Signalling system obligatory.

