# SOFT SEATED BUTTERFLY VALVE

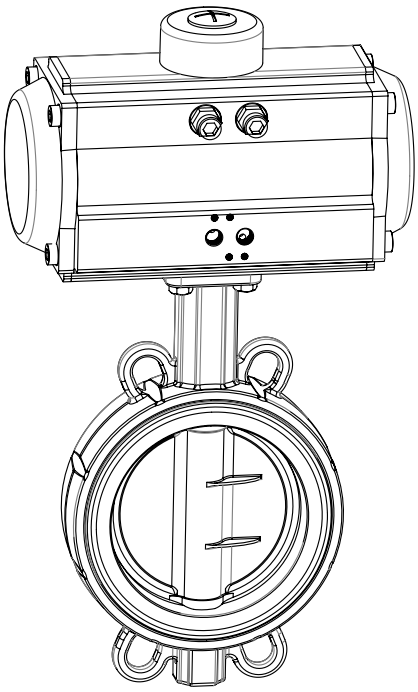
PO8-WP

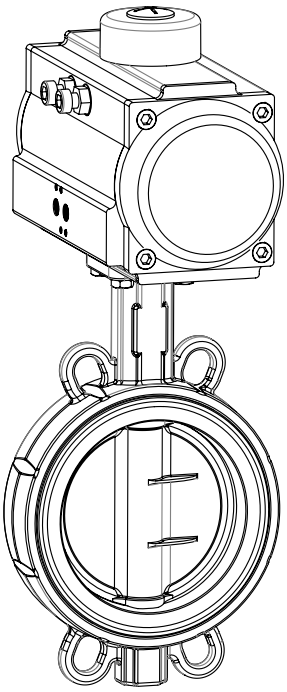
## PO8-WP Series:
## PNEUMATIC BUTTERFLY VALVE WITH PISTON TYPE ACTUATOR

### PO8-WP-O : PNEUMATIC DOUBLE ACTING COMMON ON-OFF TYPE

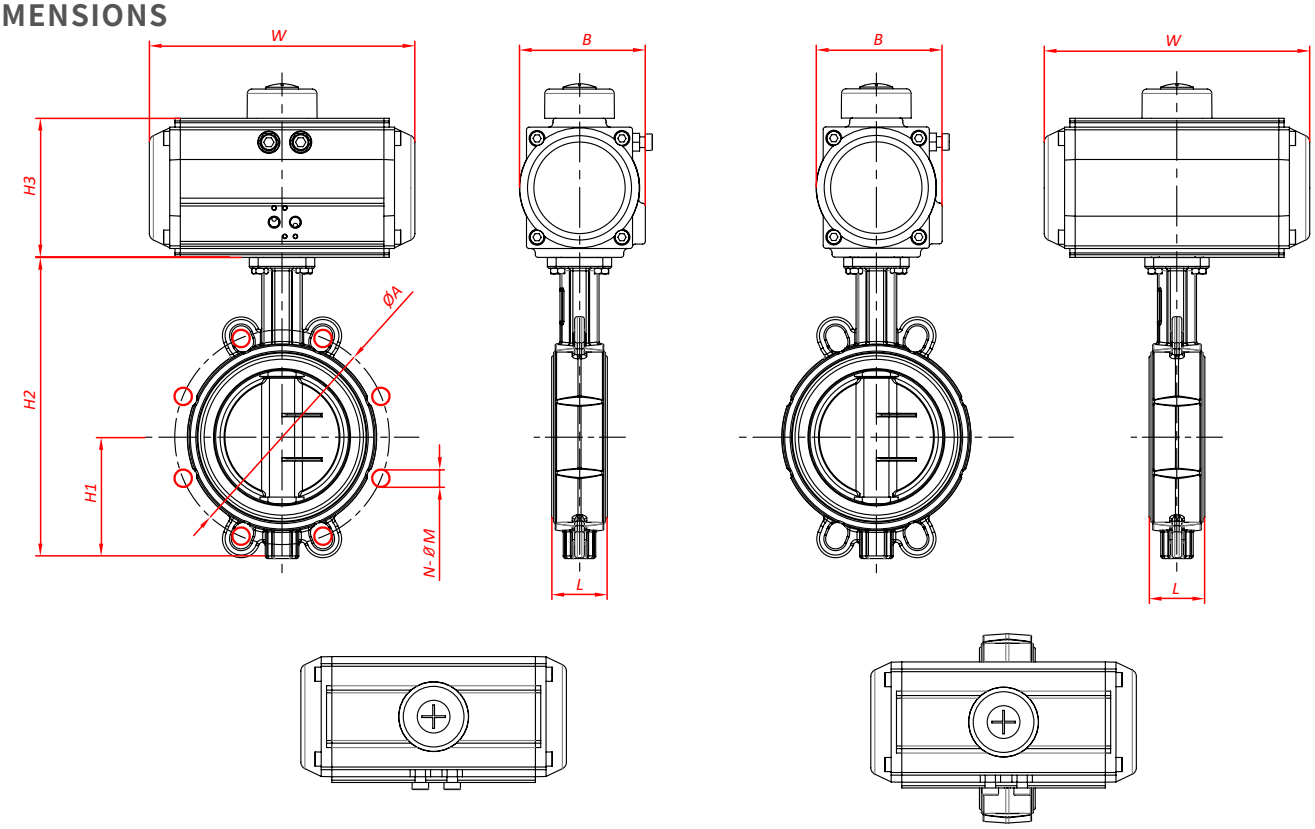
### FEATURES

- Double Acting Actuator, Power fail Valve will stay in position
- Position Indicator on the top
- Common ON-OFF Function to Open and Shut-off flow
- Can be directly supplied with air source, or controlled by 5/2 way solenoid valve for remote control
- Fast open/close in 2 seconds





### DIMENSIONS



# SOFT SEATED BUTTERFLY VALVE



## PO8-WP-O :
## PNEUMATIC DOUBLE ACTING COMMON ON-OFF TYPE

### DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE WITH DOUBLE ACTING ACTUATOR IN RATING PN10

PN10 PRESSURE RATING

| Size | L | GB standard (PN10) | | H1 | H2 | H3 | W | B | POADA Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N- M | | | | | | |
| DN25 | 33 | 85 | 4-12 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN32 | 33 | 100 | 4-16 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN40 | 33 | 110 | 4-16 | 53 | 94 | 72 | 145 | 72 | POADA-20 |
| DN50 | 42 | 125 | 4-16 | 55 | 140 | 72 | 145 | 72 | POADA-20 |
| DN65 | 44 | 145 | 4-16 | 64 | 153 | 72 | 145 | 72 | POADA-20 |
| DN80 | 44 | 160 | 8-16 | 73 | 159 | 88 | 168 | 83 | POADA-40 |
| DN100 | 50 | 180 | 8-16 | 88 | 182 | 100 | 182 | 95 | POADA-80 |
| DN125 | 56 | 210 | 8-16 | 102 | 190 | 110 | 202 | 103 | POADA-130 |
| DN150 | 56 | 240 | 8-20 | 115 | 203 | 135 | 268 | 120 | POADA-200 |
| DN200 | 60 | 295 | 8-20 | 145 | 245 | 157 | 300 | 142 | POADA-300 |
| DN250 | 68 | 350 | 12-20 | 184 | 273 | 174 | 395 | 155 | POADA-500 |
| DN300 | 78 | 400 | 12-20 | 207 | 311 | 198 | 462 | 174 | POADA-850 |
| DN350 | 78 | 460 | 16-20 | 247 | 363 | 232 | 510 | 206 | POADA-1200 |
| DN400 | 102 | 515 | 16-24 | 275 | 375 | 256 | 557 | 226 | POADA-1750 |
| DN450 | 114 | 565 | 20-24 | 307 | 406 | 291 | 660 | 258 | POADA-2100 |
| DN500 | 127 | 620 | 20-24 | 330 | 438 | 332 | 727 | 293 | POADA-2500 |

### DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE WITH DOUBLE ACTING ACTUATOR IN RATING PN16

PN16 PRESSURE RATING

| Size | L | GB standard (PN16) | | H1 | H2 | H3 | W | B | POADA Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N- M | | | | | | |
| DN25 | 33 | 85 | 4-12 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN32 | 33 | 100 | 4-16 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN40 | 33 | 110 | 4-16 | 53 | 94 | 72 | 145 | 72 | POADA-20 |
| DN50 | 42 | 125 | 4-16 | 55 | 140 | 72 | 145 | 72 | POADA-20 |
| DN65 | 44 | 145 | 4-16 | 64 | 153 | 72 | 145 | 72 | POADA-20 |
| DN80 | 44 | 160 | 8-16 | 73 | 159 | 88 | 168 | 83 | POADA-40 |
| DN100 | 50 | 180 | 8-16 | 88 | 182 | 100 | 182 | 95 | POADA-80 |
| DN125 | 56 | 210 | 8-16 | 102 | 190 | 110 | 202 | 103 | POADA-130 |
| DN150 | 56 | 240 | 8-20 | 115 | 203 | 135 | 268 | 120 | POADA-200 |
| DN200 | 60 | 295 | 12-20 | 145 | 245 | 157 | 300 | 142 | POADA-300 |
| DN250 | 68 | 355 | 12-24 | 184 | 273 | 174 | 395 | 155 | POADA-500 |
| DN300 | 78 | 410 | 12-24 | 207 | 311 | 198 | 462 | 174 | POADA-850 |
| DN350 | 78 | 470 | 16-24 | 247 | 363 | 232 | 510 | 206 | POADA-1200 |
| DN400 | 102 | 525 | 16-27 | 275 | 375 | 256 | 557 | 226 | POADA-1750 |
| DN450 | 114 | 585 | 20-27 | 307 | 406 | 291 | 660 | 258 | POADA-2100 |
| DN500 | 127 | 650 | 20-30 | 330 | 438 | 332 | 727 | 293 | POADA-2500 |

# SOFT SEATED BUTTERFLY VALVE

PO8-WP

## PO8-WP-O :
## PNEUMATIC DOUBLE ACTING COMMON ON-OFF TYPE

### DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE WITH DOUBLE ACTING ACTUATOR IN RATING CL.150LBS

CLASS 150LBS PRESSURE RATING

| Size | L | ANSI standard (CLASS 150LBS) | | H1 | H2 | H3 | W | B | POADA Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N- M | | | | | | |
| DN25 | 33 | 79.5 | 4-14 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN32 | 33 | 88.9 | 4-14 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN40 | 33 | 98.5 | 4-14 | 53 | 94 | 72 | 145 | 72 | POADA-20 |
| DN50 | 42 | 120.7 | 4-16 | 55 | 140 | 72 | 145 | 72 | POADA-20 |
| DN65 | 44 | 139.7 | 4-16 | 64 | 153 | 72 | 145 | 72 | POADA-20 |
| DN80 | 44 | 152.4 | 4-16 | 73 | 159 | 88 | 168 | 83 | POADA-40 |
| DN100 | 50 | 190.5 | 8-16 | 88 | 182 | 100 | 182 | 95 | POADA-80 |
| DN125 | 56 | 215.9 | 8-20 | 102 | 190 | 110 | 202 | 103 | POADA-130 |
| DN150 | 56 | 241.3 | 8-20 | 115 | 203 | 135 | 268 | 120 | POADA-200 |
| DN200 | 60 | 298.5 | 8-20 | 145 | 245 | 157 | 300 | 142 | POADA-300 |
| DN250 | 68 | 362 | 12-24 | 184 | 273 | 174 | 395 | 155 | POADA-500 |
| DN300 | 78 | 431.8 | 12-24 | 207 | 311 | 198 | 462 | 174 | POADA-850 |
| DN350 | 78 | 476.3 | 12-27 | 247 | 363 | 232 | 510 | 206 | POADA-1200 |
| DN400 | 102 | 539.8 | 16-27 | 275 | 375 | 256 | 557 | 226 | POADA-1750 |
| DN450 | 114 | 577.9 | 16-30 | 307 | 406 | 291 | 660 | 258 | POADA-2100 |
| DN500 | 127 | 635 | 20-30 | 330 | 438 | 332 | 727 | 293 | POADA-2500 |

### DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE WITH DOUBLE ACTING ACTUATOR IN RATING JIS5K

JIS5K PRESSURE RATING

| Size | L | JIS standard (JIS5K) | | H1 | H2 | H3 | W | B | POADA Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N- M | | | | | | |
| DN25 | 33 | 75 | 4-10 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN32 | 33 | 90 | 4-12 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN40 | 33 | 95 | 4-12 | 53 | 94 | 72 | 145 | 72 | POADA-20 |
| DN50 | 42 | 105 | 4-12 | 55 | 140 | 72 | 145 | 72 | POADA-20 |
| DN65 | 44 | 130 | 4-12 | 64 | 153 | 72 | 145 | 72 | POADA-20 |
| DN80 | 44 | 145 | 4-16 | 73 | 159 | 88 | 168 | 83 | POADA-40 |
| DN100 | 50 | 165 | 8-16 | 88 | 182 | 100 | 182 | 95 | POADA-80 |
| DN125 | 56 | 200 | 8-16 | 102 | 190 | 110 | 202 | 103 | POADA-130 |
| DN150 | 56 | 230 | 8-16 | 115 | 203 | 135 | 268 | 120 | POADA-200 |
| DN200 | 60 | 280 | 8-20 | 145 | 245 | 157 | 300 | 142 | POADA-300 |
| DN250 | 68 | 345 | 12-20 | 184 | 273 | 174 | 395 | 155 | POADA-500 |
| DN300 | 78 | 390 | 12-20 | 207 | 311 | 198 | 462 | 174 | POADA-850 |
| DN350 | 78 | 435 | 12-22 | 247 | 363 | 232 | 510 | 206 | POADA-1200 |
| DN400 | 102 | 495 | 16-22 | 275 | 375 | 256 | 557 | 226 | POADA-1750 |
| DN450 | 114 | 555 | 16-22 | 307 | 406 | 291 | 660 | 258 | POADA-2100 |
| DN500 | 127 | 605 | 20-22 | 330 | 438 | 332 | 727 | 293 | POADA-2500 |

# SOFT SEATED BUTTERFLY VALVE

PO8–WP

## PO8-WP-O :
## PNEUMATIC DOUBLE ACTING COMMON ON-OFF TYPE

### DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE WITH DOUBLE ACTING ACTUATOR IN RATING JIS10K

JIS 10K PRESSURE RATING

| Size | L | JIS standard (JIS 10K) | | H1 | H2 | H3 | W | B | POADA Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N- M | | | | | | |
| DN25 | 33 | 90 | 4-12 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN32 | 33 | 100 | 4-16 | 46 | 94 | 72 | 145 | 72 | POADA-20 |
| DN40 | 33 | 105 | 4-16 | 53 | 94 | 72 | 145 | 72 | POADA-20 |
| DN50 | 42 | 120 | 4-16 | 55 | 140 | 72 | 145 | 72 | POADA-20 |
| DN65 | 44 | 140 | 4-16 | 64 | 153 | 72 | 145 | 72 | POADA-20 |
| DN80 | 44 | 150 | 8-16 | 73 | 159 | 88 | 168 | 83 | POADA-40 |
| DN100 | 50 | 175 | 8-16 | 88 | 182 | 100 | 182 | 95 | POADA-80 |
| DN125 | 56 | 210 | 8-20 | 102 | 190 | 110 | 202 | 103 | POADA-130 |
| DN150 | 56 | 240 | 8-20 | 115 | 203 | 135 | 268 | 120 | POADA-200 |
| DN200 | 60 | 290 | 12-20 | 145 | 245 | 157 | 300 | 142 | POADA-300 |
| DN250 | 68 | 355 | 12-22 | 184 | 273 | 174 | 395 | 155 | POADA-500 |
| DN300 | 78 | 400 | 16-22 | 207 | 311 | 198 | 462 | 174 | POADA-850 |
| DN350 | 78 | 445 | 16-22 | 247 | 363 | 232 | 510 | 206 | POADA-1200 |
| DN400 | 102 | 510 | 16-24 | 275 | 375 | 256 | 557 | 226 | POADA-1750 |
| DN450 | 114 | 565 | 20-24 | 307 | 406 | 291 | 660 | 258 | POADA-2100 |
| DN500 | 127 | 620 | 20-24 | 330 | 438 | 332 | 727 | 293 | POADA-2500 |