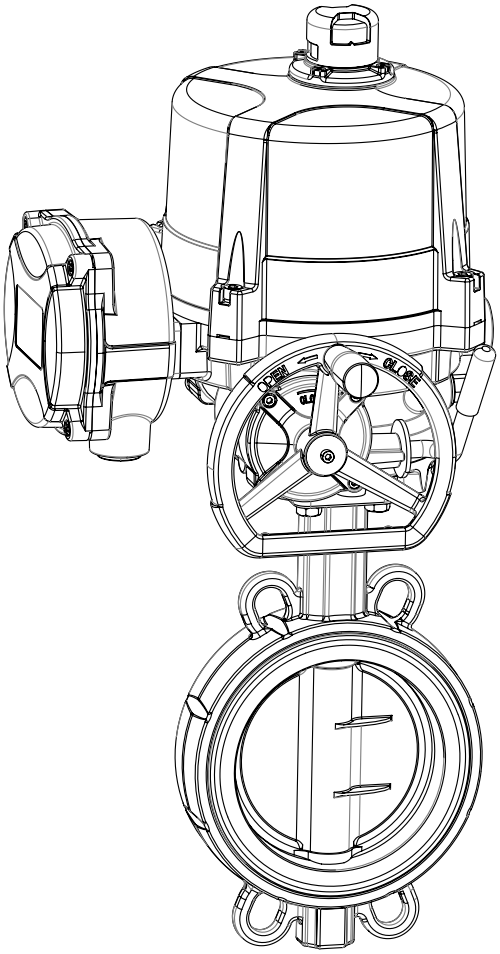
# SOFT SEATED BUTTERFLY VALVE

PO8-WQ

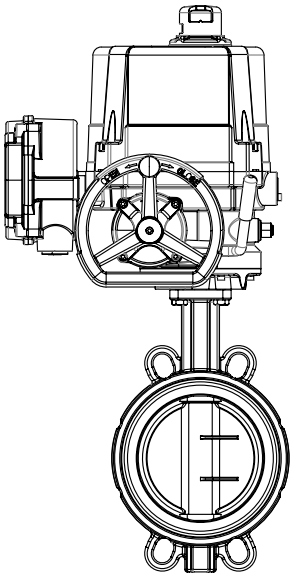
## PO8-WQ Series:
## MOTORIZED BUTTERFLY VALVE WITH POQ HIGH-PERFORMANCE ACTUATOR

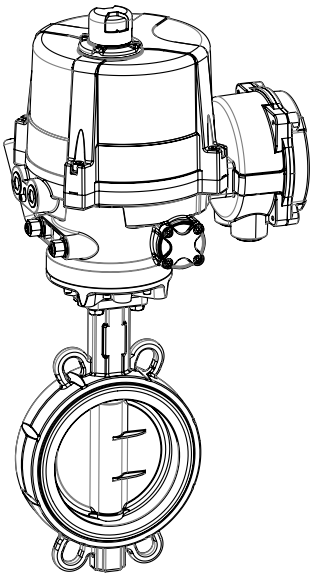
### PO8-WQ-G : REGULATING TYPE

### FEATURES

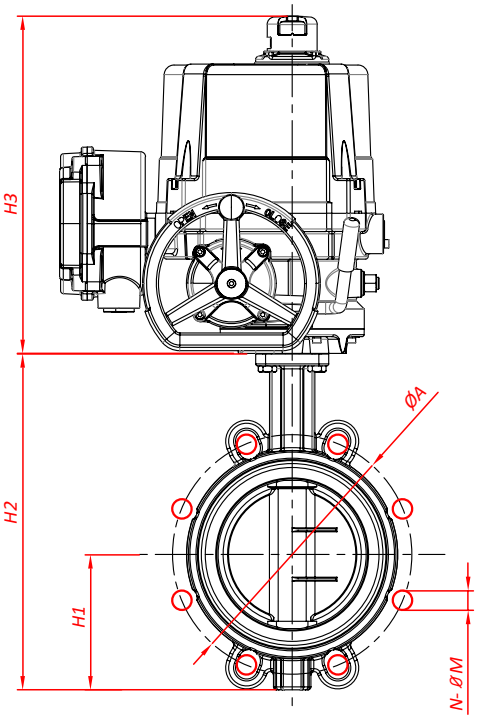


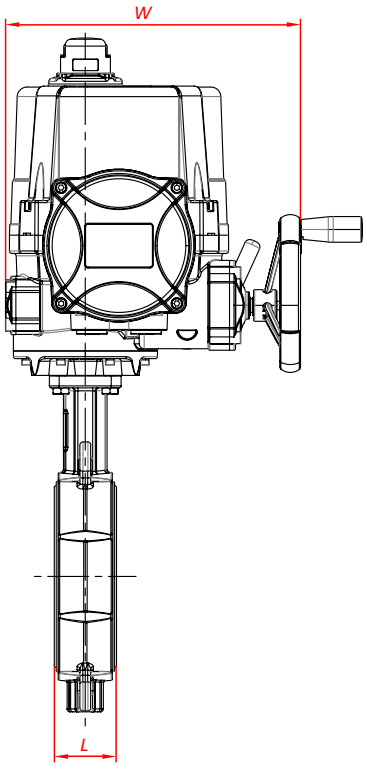
- Protection IP67 Nema 4 and 6
- Optionnal Explosion-proof type Exd II CT5
- Position Indicator on the top
- Epoxy polyester powder coating on alu-alloy shell
- Integrated declutchable gear for manual override
- Torque switch and Limit Switch 2x SPDT ON/OFF
- Proportionally Open the valve in position 0° to 90° according to digital signal 4-20mA, and feedback 4-20mA position signal
- Support multiple voltage designs includes: Single Phase: 24V、110V、220V、230V、240V 50/60Hz/ 3-Phases: 220V、380V、415V、440V 50/60Hz / DC24V

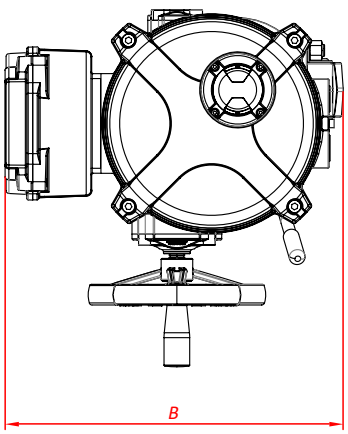




### DIMENSIONS



# SOFT SEATED BUTTERFLY VALVE

PO8–WQ

## PO8-WQ-G :
## REGULATING TYPE

### DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH POQ ACTUATOR IN RATING PN10

PN10 PRESSURE RATING

| Size | L | GB standard (PN10) | | H1 | H2 | H3 | W | B | POQ Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N–M | | | | | | |
| DN25 | 33 | 85 | 4–12 | 46 | 94 | 280 | 218 | 266 | POQ–006G |
| DN32 | 33 | 100 | 4–16 | 46 | 94 | 280 | 218 | 266 | POQ–006G |
| DN40 | 33 | 110 | 4–16 | 53 | 94 | 280 | 218 | 266 | POQ–006G |
| DN50 | 42 | 125 | 4–16 | 55 | 140 | 280 | 218 | 266 | POQ–006G |
| DN65 | 44 | 145 | 4–16 | 64 | 153 | 280 | 218 | 266 | POQ–006G |
| DN80 | 44 | 160 | 8–16 | 73 | 159 | 280 | 218 | 266 | POQ–006G |
| DN100 | 50 | 180 | 8–16 | 88 | 182 | 280 | 218 | 266 | POQ–010G |
| DN125 | 56 | 210 | 8–16 | 102 | 190 | 316 | 286 | 315 | POQ–016G |
| DN150 | 56 | 240 | 8–20 | 115 | 203 | 316 | 286 | 315 | POQ–016G |
| DN200 | 60 | 295 | 8–20 | 145 | 245 | 316 | 286 | 315 | POQ–030G |
| DN250 | 68 | 350 | 12–20 | 184 | 273 | 341 | 299 | 333 | POQ–050G |
| DN300 | 78 | 400 | 12–20 | 207 | 311 | 341 | 299 | 333 | POQ–060G |
| DN350 | 78 | 460 | 16–20 | 247 | 363 | 415 | 336 | 439 | POQ–100G |
| DN400 | 102 | 515 | 16-24 | 275 | 375 | 415 | 336 | 439 | POQ–130G |
| DN450 | 114 | 565 | 20-24 | 307 | 406 | 458 | 382 | 478 | POQ–170G |
| DN500 | 127 | 620 | 20-24 | 330 | 438 | 458 | 382 | 478 | POQ–230G |

### DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH POQ ACTUATOR IN RATING PN16

PN16 PRESSURE RATING

| Size | L | GB standard (PN16) | | H1 | H2 | H3 | W | B | POQ Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N–M | | | | | | |
| DN25 | 33 | 85 | 4-12 | 46 | 94 | 280 | 218 | 266 | POQ–006G |
| DN32 | 33 | 100 | 4-16 | 46 | 94 | 280 | 218 | 266 | POQ–006G |
| DN40 | 33 | 110 | 4-16 | 53 | 94 | 280 | 218 | 266 | POQ–006G |
| DN50 | 42 | 125 | 4-16 | 55 | 140 | 280 | 218 | 266 | POQ–006G |
| DN65 | 44 | 145 | 4-16 | 64 | 153 | 280 | 218 | 266 | POQ–006G |
| DN80 | 44 | 160 | 8-16 | 73 | 159 | 280 | 218 | 266 | POQ–006G |
| DN100 | 50 | 180 | 8-16 | 88 | 182 | 280 | 218 | 266 | POQ–010G |
| DN125 | 56 | 210 | 8-16 | 102 | 190 | 316 | 286 | 315 | POQ–016G |
| DN150 | 56 | 240 | 8-20 | 115 | 203 | 316 | 286 | 315 | POQ–016G |
| DN200 | 60 | 295 | 12-20 | 145 | 245 | 316 | 286 | 315 | POQ–030G |
| DN250 | 68 | 355 | 12-24 | 184 | 273 | 341 | 299 | 333 | POQ–050G |
| DN300 | 78 | 410 | 12-24 | 207 | 311 | 341 | 299 | 333 | POQ–060G |
| DN350 | 78 | 470 | 16-24 | 247 | 363 | 415 | 336 | 439 | POQ–100G |
| DN400 | 102 | 525 | 16-27 | 275 | 375 | 415 | 336 | 439 | POQ–130G |
| DN450 | 114 | 585 | 20-27 | 307 | 406 | 458 | 382 | 478 | POQ–170G |
| DN500 | 127 | 650 | 20-30 | 330 | 438 | 458 | 382 | 478 | POQ–230G |

# SOFT SEATED BUTTERFLY VALVE

PO8-WQ

## PO8-WQ-G : REGULATING TYPE

### DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH POQ ACTUATOR IN RATING CLASS 150LBS

CLASS 150LBS PRESSURE RATING

| Size | L | ANSI standard (CLASS 150LBS) | | H1 | H2 | H3 | W | B | POQ Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N-M | | | | | | |
| DN25 | 33 | 79.5 | 4-14 | 46 | 94 | 280 | 218 | 266 | POQ-006G |
| DN32 | 33 | 88.9 | 4-14 | 46 | 94 | 280 | 218 | 266 | POQ-006G |
| DN40 | 33 | 98.5 | 4-14 | 53 | 94 | 280 | 218 | 266 | POQ-006G |
| DN50 | 42 | 120.7 | 4-16 | 55 | 140 | 280 | 218 | 266 | POQ-006G |
| DN65 | 44 | 139.7 | 4-16 | 64 | 153 | 280 | 218 | 266 | POQ-006G |
| DN80 | 44 | 152.4 | 4-16 | 73 | 159 | 280 | 218 | 266 | POQ-006G |
| DN100 | 50 | 190.5 | 8-16 | 88 | 182 | 280 | 218 | 266 | POQ-010G |
| DN125 | 56 | 215.9 | 8-20 | 102 | 190 | 316 | 286 | 315 | POQ-016G |
| DN150 | 56 | 241.3 | 8-20 | 115 | 203 | 316 | 286 | 315 | POQ-016G |
| DN200 | 60 | 298.5 | 8-20 | 145 | 245 | 316 | 286 | 315 | POQ-030G |
| DN250 | 68 | 362 | 12-24 | 184 | 273 | 341 | 299 | 333 | POQ-050G |
| DN300 | 78 | 431.8 | 12-24 | 207 | 311 | 341 | 299 | 333 | POQ-060G |
| DN350 | 78 | 476.3 | 12-27 | 247 | 363 | 415 | 336 | 439 | POQ-100G |
| DN400 | 102 | 539.8 | 16-27 | 275 | 375 | 415 | 336 | 439 | POQ-130G |
| DN450 | 114 | 577.9 | 16-30 | 307 | 406 | 458 | 382 | 478 | POQ-170G |
| DN500 | 127 | 635 | 20-30 | 330 | 438 | 458 | 382 | 478 | POQ-230G |

### DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH POQ ACTUATOR IN RATING JIS5K

JIS5K PRESSURE RATING

| Size | L | JIS standard (JIS5K) | | H1 | H2 | H3 | W | B | POQ Model |
|---|---|---|---|---|---|---|---|---|---|
| | | ΦA | N-M | | | | | | |
| DN25 | 33 | 75 | 4-10 | 46 | 94 | 280 | 218 | 266 | POQ-006G |
| DN32 | 33 | 90 | 4-12 | 46 | 94 | 280 | 218 | 266 | POQ-006G |
| DN40 | 33 | 95 | 4-12 | 53 | 94 | 280 | 218 | 266 | POQ-006G |
| DN50 | 42 | 105 | 4-12 | 55 | 140 | 280 | 218 | 266 | POQ-006G |
| DN65 | 44 | 130 | 4-12 | 64 | 153 | 280 | 218 | 266 | POQ-006G |
| DN80 | 44 | 145 | 4-16 | 73 | 159 | 280 | 218 | 266 | POQ-006G |
| DN100 | 50 | 165 | 8-16 | 88 | 182 | 280 | 218 | 266 | POQ-010G |
| DN125 | 56 | 200 | 8-16 | 102 | 190 | 316 | 286 | 315 | POQ-016G |
| DN150 | 56 | 230 | 8-16 | 115 | 203 | 316 | 286 | 315 | POQ-016G |
| DN200 | 60 | 280 | 8-20 | 145 | 245 | 316 | 286 | 315 | POQ-030G |
| DN250 | 68 | 345 | 12-20 | 184 | 273 | 341 | 299 | 333 | POQ-050G |
| DN300 | 78 | 390 | 12-20 | 207 | 311 | 341 | 299 | 333 | POQ-060G |
| DN350 | 78 | 435 | 12-22 | 247 | 363 | 415 | 336 | 439 | POQ-100G |
| DN400 | 102 | 495 | 16-22 | 275 | 375 | 415 | 336 | 439 | POQ-130G |
| DN450 | 114 | 555 | 16-22 | 307 | 406 | 458 | 382 | 478 | POQ-170G |
| DN500 | 127 | 605 | 20-22 | 330 | 438 | 458 | 382 | 478 | POQ-230G |

# SOFT SEATED BUTTERFLY VALVE

PO8–WQ

## PO8-WQ-G :
## REGULATING TYPE

### DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH POQ ACTUATOR IN RATING JIS10K

| | Size | L | JIS standard (JIS 10K) | | H1 | H2 | H3 | W | B | POQ Model |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ΦA | N–M | | | | | | |
| JIS 10K PRESSURE RATING | DN25 | 33 | 90 | 4–12 | 46 | 94 | 280 | 218 | 266 | POQ–006G |
| | DN32 | 33 | 100 | 4–16 | 46 | 94 | 280 | 218 | 266 | POQ–006G |
| | DN40 | 33 | 105 | 4–16 | 53 | 94 | 280 | 218 | 266 | POQ–006G |
| | DN50 | 42 | 120 | 4–16 | 55 | 140 | 280 | 218 | 266 | POQ–006G |
| | DN65 | 44 | 140 | 4–16 | 64 | 153 | 280 | 218 | 266 | POQ–006G |
| | DN80 | 44 | 150 | 8–16 | 73 | 159 | 280 | 218 | 266 | POQ–006G |
| | DN100 | 50 | 175 | 8–16 | 88 | 182 | 280 | 218 | 266 | POQ–010G |
| | DN125 | 56 | 210 | 8–20 | 102 | 190 | 316 | 286 | 315 | POQ–016G |
| | DN150 | 56 | 240 | 8–20 | 115 | 203 | 316 | 286 | 315 | POQ–016G |
| | DN200 | 60 | 290 | 12–20 | 145 | 245 | 316 | 286 | 315 | POQ–030G |
| | DN250 | 68 | 355 | 12–22 | 184 | 273 | 341 | 299 | 333 | POQ–050G |
| | DN300 | 78 | 400 | 16–22 | 207 | 311 | 341 | 299 | 333 | POQ–060G |
| | DN350 | 78 | 445 | 16–22 | 247 | 363 | 415 | 336 | 439 | POQ–100G |
| | DN400 | 102 | 510 | 16–24 | 275 | 375 | 415 | 336 | 439 | POQ–130G |
| | DN450 | 114 | 565 | 20–24 | 307 | 406 | 458 | 382 | 478 | POQ–170G |
| | DN500 | 127 | 620 | 20–24 | 330 | 438 | 458 | 382 | 478 | POQ–230G |