

# Поворотные затворы GI, GIQ, GID

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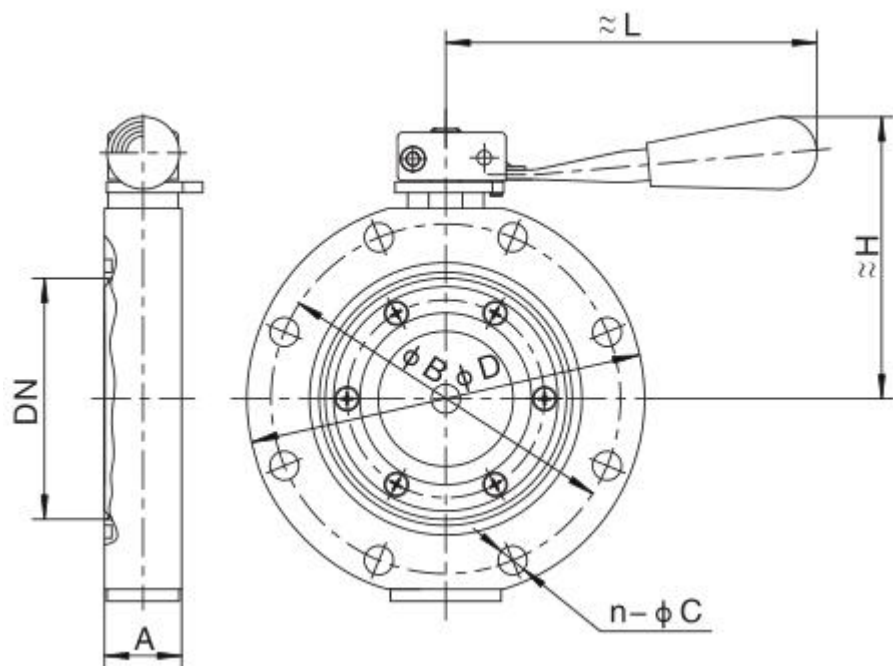
## GI - A Series High Vacuum Butterfly Valve

Description: Gi-a series high vacuum butterfly valve is used to connect or cut off the air flow in the vacuum pipe.

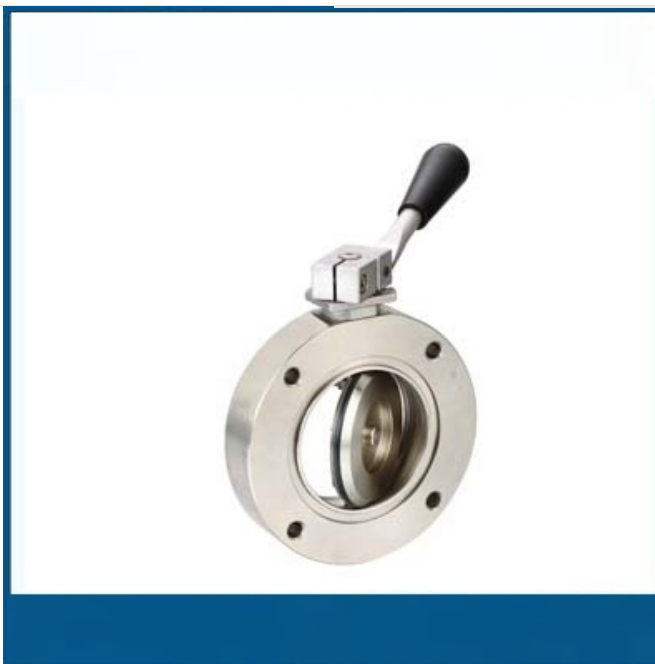
Gi-a series high vacuum butterfly valve is used to connect or cut off the air flow in the vacuum pipe. The valve plate of the valve adopts the clamping structure to clamp the sealing ring of the valve plate, which has the function of fine adjustment of the main sealing, and the opening and closing of the valve has the function of locking.

The applicable working medium is air and non corrosive gas.

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| applicability ( Pa )            | 105~1.3×10 <sup>-6</sup>                      |
| Valve leak rate ( Pa.L/S)       | ≤1.3×10 <sup>-7</sup>                         |
| Applicable temperature ( °C )   | -25~+80 ( sealing material is NBR )           |
|                                 | -30~+150 ( sealing material is fluororubber ) |
| Material of main parts of valve | Stainless steel or carbon steel               |
| Flange standard                 | GB/T6070                                      |
| Installation position           | arbitrarily                                   |



| model   | Drift<br>diameter ( DN ) | ΦD  | ΦB  | H   | A  | L   | n-ΦC   |
|---------|--------------------------|-----|-----|-----|----|-----|--------|
| GI-50A  | 50                       | 110 | 90  | 84  | 26 | 130 | 4-Φ9   |
| GI-63A  | 63                       | 130 | 110 | 94  | 32 |     |        |
| GI-80A  | 80                       | 145 | 125 | 107 |    | 154 | 8-Φ9   |
| GI-100A | 100                      | 165 | 145 | 117 |    |     |        |
| GI-125A | 125                      | 200 | 175 | 136 | 35 | 197 | 8-Φ11  |
| GI-150A | 150                      | 225 | 200 | 150 |    |     |        |
| GI-200A | 200                      | 285 | 260 | 188 | 45 | 242 | 12-Φ11 |
| GI-250A | 250                      | 335 | 310 | 220 | 50 | 330 |        |
| GI-300A | 300                      | 425 | 395 | 263 | 55 |     |        |
| GI-400A | 400                      | 510 | 480 | 320 | 60 | 435 | 16-Φ14 |



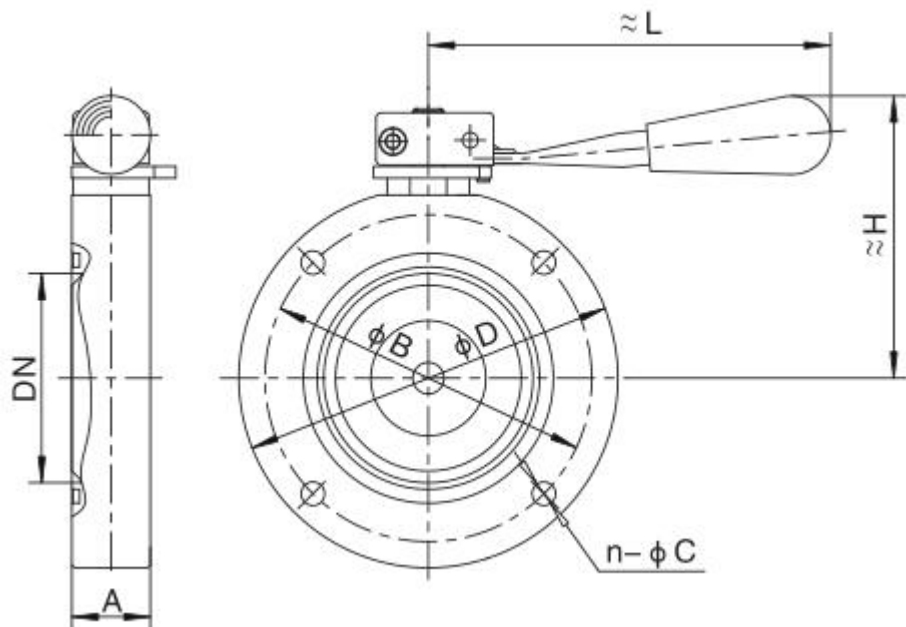
## GI Series High Vacuum Butterfly Valve

Description: GI series high vacuum butterfly valve is used to connect or cut off the air flow in the vacuum pipe. The opening and closing of the valve has the locking function.

GI series high vacuum butterfly valve is used to connect or cut off the air flow in the vacuum pipe. The opening and closing of the valve has the locking function.

The applicable working medium is air and non corrosive gas.

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| applicability ( Pa )            | 105 ~1.3×10 <sup>-6</sup>                     |
| Valve leak rate ( Pa.L/S)       | ≤1.3×10 <sup>-7</sup>                         |
| Applicable temperature ( °C )   | -25~+80 ( sealing material is NBR )           |
|                                 | -30~+150 ( sealing material is fluororubber ) |
| Material of main parts of valve | Stainless steel or carbon steel               |
| Flange standard                 | JB919                                         |
| Installation position           | arbitrarily                                   |



| model  | Drift<br>diameter ( DN ) | ΦD  | ΦB  | H   | A  | L   | n-ΦC  |
|--------|--------------------------|-----|-----|-----|----|-----|-------|
| GI-25  | 25                       | 70  | 55  | 64  | 22 | 104 | 4-Φ7  |
| GI-32  | 32                       | 78  | 64  | 68  |    |     |       |
| GI-40  | 40                       | 85  | 70  | 72  |    | 116 |       |
| GI-50  | 50                       | 110 | 90  | 85  |    |     |       |
| GI-63  | 63                       | 130 | 110 | 96  | 26 | 132 | 4-Φ9  |
| GI-80  | 80                       | 145 | 125 | 108 | 30 | 154 |       |
| GI-100 | 100                      | 170 | 145 | 120 |    |     |       |
| GI-125 | 125                      | 195 | 170 | 136 | 35 | 197 | 4-Φ12 |
| GI-150 | 150                      | 220 | 195 | 150 |    |     |       |
| GI-200 | 200                      | 275 | 250 | 185 | 40 | 242 | 8-Φ12 |
| GI-250 | 250                      | 330 | 300 | 219 | 45 | 330 |       |
| GI-300 | 300                      | 380 | 350 | 245 | 55 |     |       |
| GI-400 | 400                      | 500 | 465 | 312 | 60 | 435 | 8-Φ18 |



## GIQ-A Series Pneumatic High True Valve Butterfly Valve

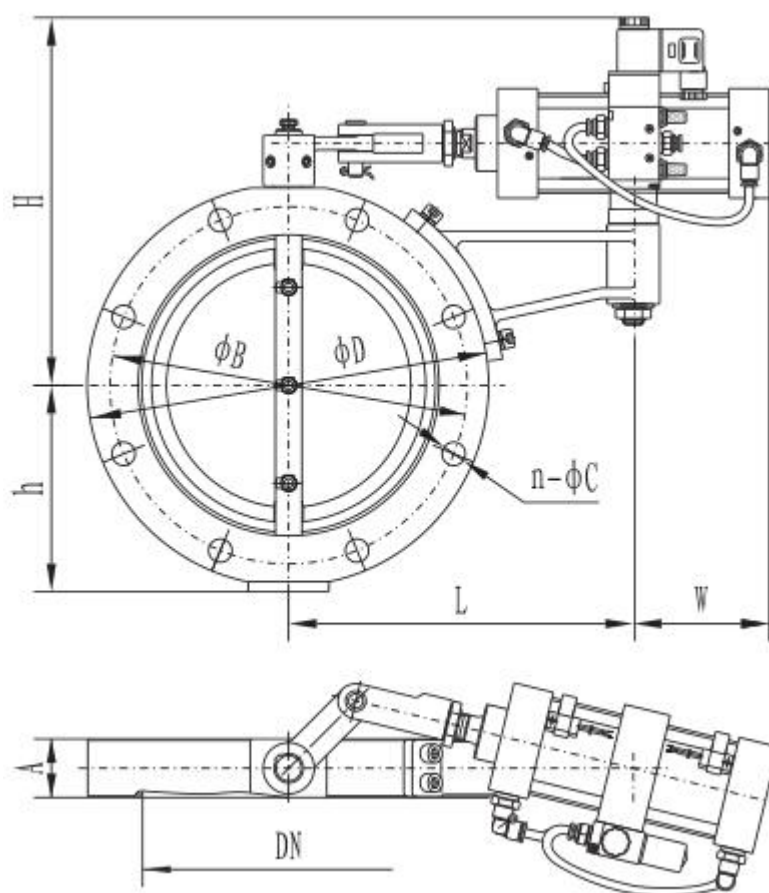
Description: Giq-a series pneumatic high true valve butterfly valve is suitable for connecting or stopping air flow in high vacuum system.

Giq-a series pneumatic high true valve butterfly valve is suitable for connecting or stopping air flow in high vacuum system. The valve plate of the valve adopts the clamping structure to clamp the sealing ring of the valve plate, which has the function of fine-tuning the main sealing. The valve is powered by compressed air, changes the direction of the air path through the electromagnetic reversing valve, and performs the cylinder pushing, so that the valve plate fixed on the rotating shaft rotates 90 ° to realize the opening and closing of the valve.

The applicable working medium is air and non corrosive gas.

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| applicability ( Pa )            | 105 ~1.3×10 <sup>-6</sup>                     |
| Valve leak rate ( Pa.L/S)       | ≤1.3×10 <sup>-7</sup>                         |
| Applicable temperature ( °C )   | -25~+80 ( sealing material is NBR )           |
|                                 | -30~+150 ( sealing material is fluororubber ) |
| Material of main parts of valve | Stainless steel or carbon steel               |
| Air source pressure ( MPa)      | 0.4~0.8                                       |

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Flange standard       | GB/T6070                                          |
| Installation position | arbitrarily                                       |
| supply voltage        | Standard delivery : AC220V/50Hz                   |
|                       | Special designation : ①AC110V;②DC24V;③DC12V       |
| signal feedback       | Standard delivery: without feedback signal        |
|                       | Special designation: magnetic switch DC/AC 5~240V |



| model    | Drift diameter ( DN ) | ΦD  | ΦB  | H   | h   | A  | L   | W  | n-ΦC  |
|----------|-----------------------|-----|-----|-----|-----|----|-----|----|-------|
| GIQ-50A  | 50                    | 110 | 90  | 162 | 55  | 26 | 160 | 62 | 4-Φ9  |
| GIQ-63A  | 63                    | 130 | 110 | 172 | 66  |    |     |    |       |
| GIQ-80A  | 80                    | 145 | 125 | 178 | 74  | 32 | 180 | 81 | 8-Φ9  |
| GIQ-100A | 100                   | 165 | 145 | 187 | 84  |    |     |    |       |
| GIQ-125A | 125                   | 200 | 175 | 208 | 102 | 35 | 207 | 86 | 8-Φ11 |

|          |     |     |     |     |     |     |     |     |        |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| GIQ-150A | 150 | 225 | 200 | 220 | 114 |     |     |     |        |
| GIQ-200A | 200 | 285 | 260 | 256 | 146 | 45  | 236 | 100 | 12-Φ11 |
| GIQ-250A | 250 | 335 | 310 | 282 | 173 | 50  |     |     |        |
| GIQ-300A | 300 | 425 | 395 | 350 | 216 | 55  | 280 | 118 | 12-Φ14 |
| GIQ-400A | 400 | 510 | 480 | 392 | 259 | 60  | 304 | 130 | 12-Φ14 |
| GIQ-500A | 500 | 600 | 565 | 440 | 312 | 80  | 350 | 175 | 12-Φ18 |
| GIQ-600A | 600 | 710 | 670 | 525 | 366 | 100 | 360 | 212 | 12-Φ21 |
| GIQ-800A | 800 | 920 | 880 | 690 | 473 | 130 | 520 | 268 | 12-Φ21 |





## GIQ Series Pneumatic High Vacuum Butterfly Valve

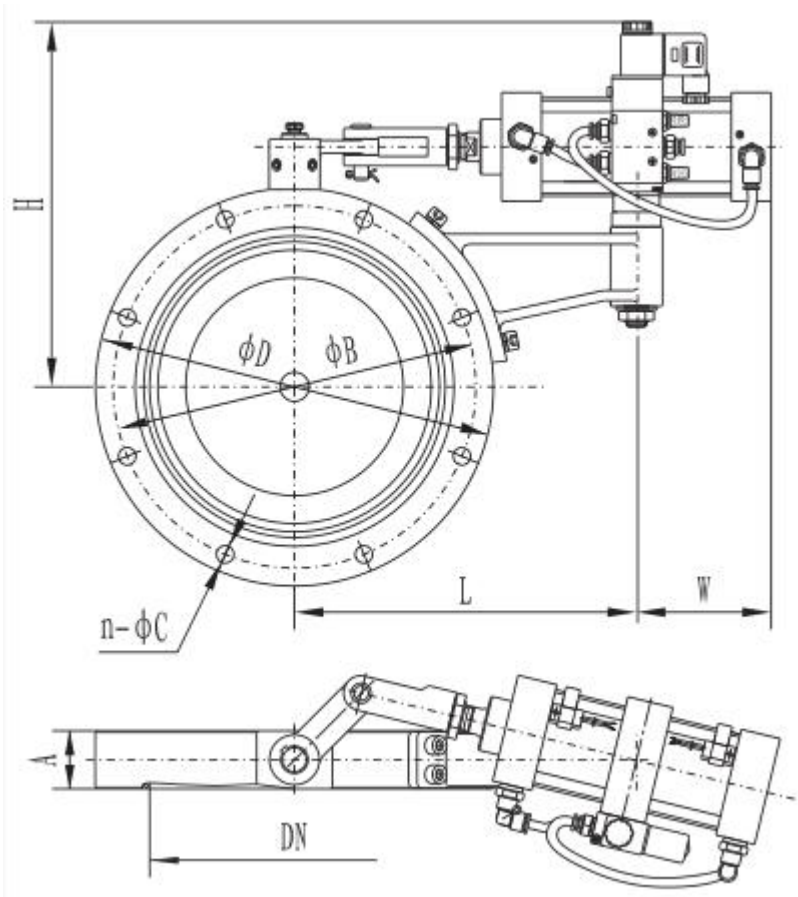
Description: GIQ series pneumatic high vacuum butterfly valve is suitable for connecting or cutting off air flow in high vacuum system.

GIQ series pneumatic high vacuum butterfly valve is suitable for connecting or cutting off air flow in high vacuum system. The valve is powered by compressed air, changes the direction of the air path through the electromagnetic reversing valve, and performs the cylinder pushing, so that the valve plate fixed on the rotating shaft rotates 90 ° to realize the opening and closing of the valve.

The applicable working medium is air and non corrosive gas.

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| applicability ( Pa )            | 10 <sup>-5</sup> ~1.3×10 <sup>-6</sup>        |
| Valve leak rate ( Pa.L/S)       | ≤1.3×10 <sup>-7</sup>                         |
| Applicable temperature ( °C )   | -25~+80 ( sealing material is NBR )           |
|                                 | -30~+150 ( sealing material is fluororubber ) |
| Material of main parts of valve | Stainless steel or carbon steel               |
| Air source pressure ( MPa)      | 0.4~0.8                                       |
| Flange standard                 | JB919                                         |
| Installation position           | arbitrarily                                   |

|                 |                                                           |
|-----------------|-----------------------------------------------------------|
| supply voltage  | Standard delivery : AC220V/50Hz                           |
|                 | Special designation : Optional ①AC110V; ②DC24V;<br>③DC12V |
| signal feedback | Standard delivery : Without feedback signal               |
|                 | Special designation: magnetic switch:DC/AC 5~240V         |



| model   | Drift<br>diameter ( DN ) | ΦD  | ΦB  | H   | A  | L   | W  | n-ΦC |     |
|---------|--------------------------|-----|-----|-----|----|-----|----|------|-----|
| GIQ-25  | 25                       | 70  | 55  | 140 | 22 | 160 | 62 | 4-Φ7 |     |
| GIQ-32  | 32                       | 78  | 64  | 144 |    |     |    |      |     |
| GIQ-40  | 40                       | 85  | 70  | 148 |    |     |    |      |     |
| GIQ-50  | 50                       | 110 | 90  | 161 |    |     |    | 26   | 180 |
| GIQ-63  | 63                       | 130 | 110 | 171 |    |     |    |      |     |
| GIQ-80  | 80                       | 145 | 125 | 178 | 30 |     |    |      |     |
| GIQ-100 | 100                      | 170 | 145 | 192 |    |     |    |      |     |

|         |     |     |     |     |    |     |     |       |
|---------|-----|-----|-----|-----|----|-----|-----|-------|
| GIQ-125 | 125 | 195 | 170 | 209 | 35 | 207 | 86  | 4-Φ12 |
| GIQ-150 | 150 | 220 | 195 | 220 |    |     |     |       |
| GIQ-200 | 200 | 275 | 250 | 252 | 40 | 236 | 100 | 8-Φ12 |
| GIQ-250 | 250 | 330 | 300 | 283 | 45 |     |     |       |
| GIQ-300 | 300 | 380 | 350 | 329 | 55 | 280 | 118 | 8-Φ14 |
| GIQ-400 | 400 | 500 | 465 | 389 | 60 | 303 | 136 | 8-Φ18 |



## GIQ-AB Series Pneumatic High Vacuum Butterfly Valve

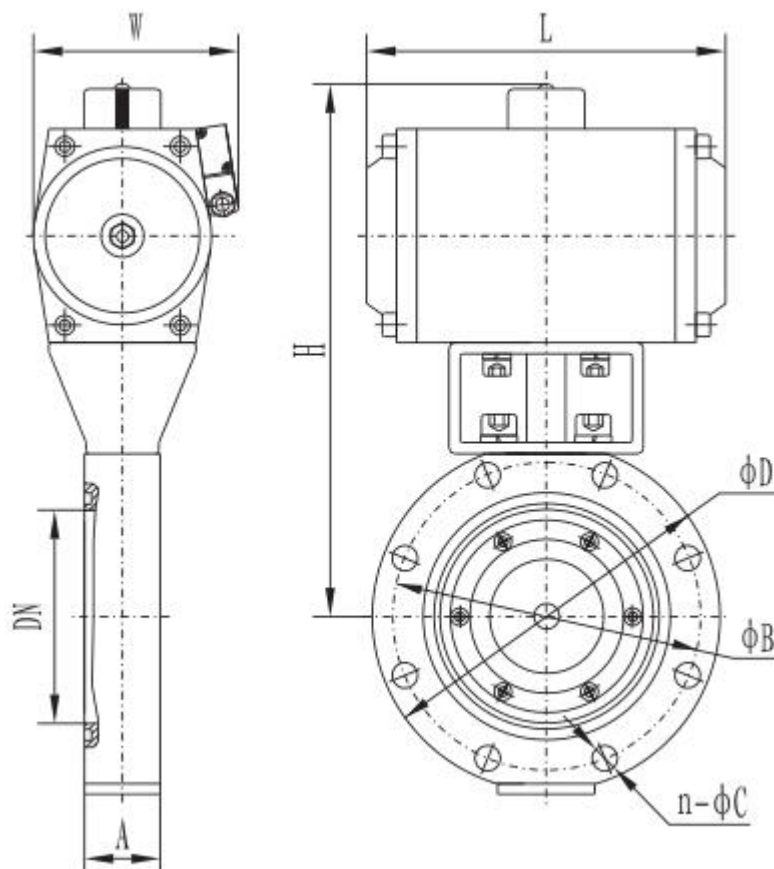
Description: The pneumatic actuator of giq-ab series pneumatic high vacuum butterfly valve is driven by compressed air.

The pneumatic actuator of giq-ab series pneumatic high vacuum butterfly valve is driven by compressed air. By changing the direction of the air path through the electromagnetic directional valve, pushing the mechanical transmission of the piston rack and gear, and driving the butterfly valve to do the opening and closing movement with the angular stroke output torque, the purpose of connecting or cutting off the air flow in the vacuum pipeline can be achieved. The valve plate of the valve adopts the clamping structure to clamp the sealing ring of the valve plate, which has the function of fine-tuning the main sealing. It is a new type of pneumatic high vacuum butterfly valve controlled by pneumatic actuator, which is divided into double acting and single acting (spring return) cylinders. Optional feedback signal device and electric valve positioner.

The applicable working medium is air and non corrosive gas.

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| applicability ( Pa )          | 105~1.3×10 <sup>-6</sup>                      |
| Valve leak rate ( Pa.L/S)     | ≤1.3×10 <sup>-7</sup>                         |
| Applicable temperature ( °C ) | -25~+80 ( sealing material is NBR )           |
|                               | -30~+150 ( sealing material is fluororubber ) |

|                                 |                                                                                             |
|---------------------------------|---------------------------------------------------------------------------------------------|
| Material of main parts of valve | Stainless steel or carbon steel                                                             |
| Air source pressure ( MPa )     | 0.4~0.8                                                                                     |
| Flange standard                 | GB/T6070                                                                                    |
| Installation position           | arbitrarily                                                                                 |
| supply voltage                  | Standard delivery : AC220V/50Hz                                                             |
|                                 | Special designation : Optional ①AC110V;②DC24V;③DC12V                                        |
| signal feedback                 | Standard delivery : Valve position indicator                                                |
|                                 | Special designation : ① Microswitch ② intelligent 4 ~ 20mA DC ③ explosion proof microswitch |
| Cylinder Optional               | Standard delivery : Double acting                                                           |
|                                 | Special designation:Single acting (with spring return) available in N.O. or N.C             |



| model    | Drift diameter ( DN ) | $\phi D$ | $\phi B$ | H   | A  | L   | W  | n- $\phi C$ |
|----------|-----------------------|----------|----------|-----|----|-----|----|-------------|
| GIQ-50AB | 50                    | 110      | 90       | 210 | 26 | 168 | 92 | 4- $\phi 9$ |

|           |     |     |     |     |     |     |     |        |
|-----------|-----|-----|-----|-----|-----|-----|-----|--------|
| GIQ-63AB  | 63  | 130 | 110 | 220 | 32  |     |     |        |
| GIQ-80AB  | 80  | 145 | 125 | 252 |     | 204 | 105 | 8-Φ9   |
| GIQ-100AB | 100 | 165 | 145 | 262 |     |     |     |        |
| GIQ-125AB | 125 | 200 | 175 | 278 | 35  |     |     | 8-Φ11  |
| GIQ-150AB | 150 | 225 | 200 | 336 |     | 368 | 140 |        |
| GIQ-200AB | 200 | 285 | 260 | 388 | 45  | 298 | 165 | 12-Φ11 |
| GIQ-250AB | 250 | 335 | 310 | 458 | 50  | 458 | 200 |        |
| GIQ-300AB | 300 | 425 | 395 | 560 | 55  | 525 | 206 | 12-Φ14 |
| GIQ-400AB | 400 | 510 | 480 | 640 | 60  | 532 | 226 | 12-Φ14 |
| GIQ-500AB | 500 | 600 | 565 | 788 | 80  | 742 | 325 | 12-Φ18 |
| GIQ-600AB | 600 | 710 | 670 | 880 | 100 | 860 | 380 | 12-Φ21 |



## GIQ - B Series Pneumatic High Vacuum Butterfly Valve

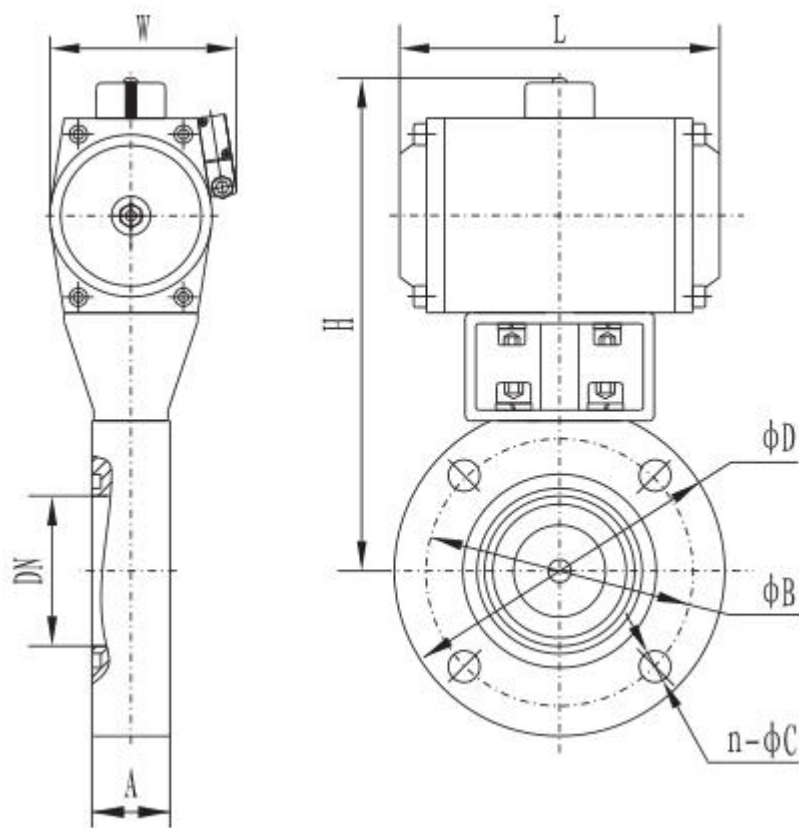
Description: The pneumatic actuator of giq-b series pneumatic high vacuum butterfly valve is driven by compressed air.

The pneumatic actuator of giq-b series pneumatic high vacuum butterfly valve is driven by compressed air. It changes the direction of the air path through the electromagnetic reversing valve, pushes the mechanical transmission of the piston rack and gear, drives the butterfly valve with the angular stroke output torque, and makes the opening and closing movement. So as to connect or cut off the air flow in the vacuum pipeline, it is a new type of pneumatic butterfly valve controlled by pneumatic actuator at present, which is divided into double acting and single acting (spring return) cylinders, with optional feedback signal device and electric valve positioner.

The applicable working medium is air and non corrosive gas.

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| applicability ( Pa )            | 105 ~1.3×10 <sup>-6</sup>                     |
| Valve leak rate ( Pa.L/S)       | ≤1.3×10 <sup>-7</sup>                         |
| Applicable temperature ( °C )   | -25~+80 ( sealing material is NBR )           |
|                                 | -30~+150 ( sealing material is fluororubber ) |
| Material of main parts of valve | Stainless steel or carbon steel               |

|                             |                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------|
| Air source pressure ( MPa ) | 0.4~0.8                                                                                     |
| Flange standard             | JB919                                                                                       |
| Installation position       | arbitrarily                                                                                 |
| supply voltage              | Standard delivery : AC220V/50Hz                                                             |
|                             | Special designation : Optional<br>①AC110V;②DC24V;③DC12V                                     |
| signal feedback             | Standard delivery : Valve position indicator                                                |
|                             | Special designation : ① Microswitch ② intelligent 4 ~ 20mA DC ③ explosion proof microswitch |
| Cylinder Optional           | Standard delivery : Double acting                                                           |
|                             | Special designation : Single acting (with spring return) available in N.O. or N.C           |



| model   | Drift diameter ( DN ) | $\phi D$ | $\phi B$ | H   | A  | L   | W  | n- $\phi C$ |
|---------|-----------------------|----------|----------|-----|----|-----|----|-------------|
| GIQ-25B | 25                    | 70       | 55       | 190 | 22 | 168 | 92 | 4- $\phi 7$ |
| GIQ-32B | 32                    | 78       | 64       | 193 |    |     |    |             |



|          |     |     |     |     |    |     |     |       |
|----------|-----|-----|-----|-----|----|-----|-----|-------|
| GIQ-40B  | 40  | 85  | 70  | 196 |    |     |     |       |
| GIQ-50B  | 50  | 110 | 90  | 210 |    |     |     |       |
| GIQ-63B  | 63  | 130 | 110 | 220 |    |     |     |       |
| GIQ-80B  | 80  | 145 | 125 | 253 | 30 | 204 | 105 | 4-Φ9  |
| GIQ-100B | 100 | 170 | 145 | 265 |    |     |     |       |
| GIQ-125B | 125 | 195 | 170 | 278 | 35 | 268 | 140 | 4-Φ12 |
| GIQ-150B | 150 | 220 | 195 | 335 |    |     |     |       |
| GIQ-200B | 200 | 275 | 250 | 383 | 40 | 298 | 165 | 8-Φ12 |
| GIQ-250B | 250 | 330 | 300 | 457 | 45 | 458 | 200 |       |
| GIQ-300B | 300 | 380 | 350 | 513 | 55 | 525 | 231 | 8-Φ14 |
| GIQ-400B | 400 | 500 | 465 | 611 | 60 | 532 | 251 | 8-Φ18 |



## Gid-A Series Electric High Vacuum Butterfly Valve

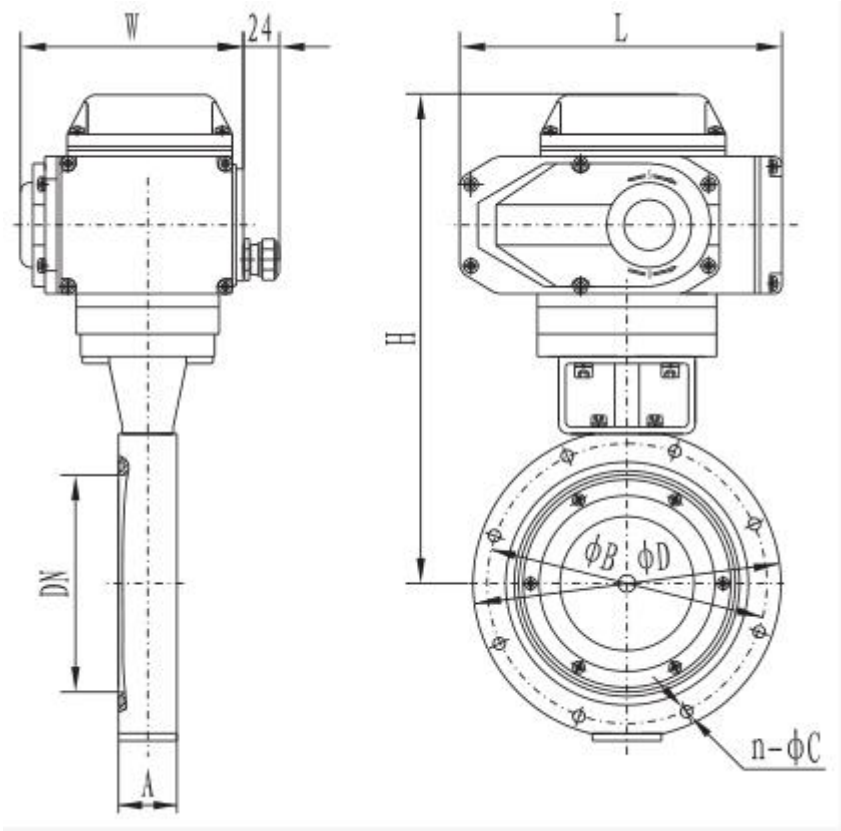
Description: Gid-A series electric high vacuum butterfly valve adopts rotary electric and electronic regulating valve driving device

Gid-A series electric high vacuum butterfly valve adopts rotary electric and electronic regulating valve driving device, which can realize the control of valve opening, closing or middle position through the switch of external power supply (controlled by manual position switch or computer) or external input signal, so as to connect or cut off the air flow in vacuum pipeline. The valve plate of the valve adopts the clamping structure to clamp the sealing ring of the valve plate, which has the function of fine-tuning the main sealing.

The applicable working medium is air and non corrosive gas.

|                                                                    |                                               |
|--------------------------------------------------------------------|-----------------------------------------------|
| applicability ( Pa )                                               | 105~1.3×10 <sup>-6</sup>                      |
| Valve leak rate ( Pa.L/S)                                          | ≤1.3×10 <sup>-7</sup>                         |
| Opening and closing time ( S ) DN≤63 20 ; 80≤DN≤200 30 ; DN≥250 48 |                                               |
| Applicable temperature ( °C )                                      | -25~+80 ( sealing material is NBR )           |
|                                                                    | -30~+150 ( sealing material is fluororubber ) |
| Material of main parts of valve                                    | Stainless steel or carbon steel               |

|                       |                                        |
|-----------------------|----------------------------------------|
| Flange standard       | GB/T6070                               |
| Installation position | arbitrarily                            |
| supply voltage        | Standard delivery : AC220V/50Hz        |
|                       | Special designation : DC24V            |
| control circuit       | Standard delivery : AC220V/50Hz Switch |
|                       | Special designation : or ①DC24V Switch |
|                       | ②4~20mA DC Adjustable                  |
|                       | ③1~5V DCA djustable                    |
| signal feedback       | Optional                               |



| model   | Drift<br>diameter ( DN ) | ΦD  | ΦB  | H   | A  | L   | W   | n-ΦC |
|---------|--------------------------|-----|-----|-----|----|-----|-----|------|
| GID-50A | 50                       | 110 | 90  | 218 | 26 | 160 | 113 | 4-Φ9 |
| GID-63A | 63                       | 130 | 110 | 229 | 32 |     |     |      |
| GID-80A | 80                       | 145 | 125 | 272 |    | 196 | 121 | 8-Φ9 |

|          |     |     |     |     |    |     |     |        |
|----------|-----|-----|-----|-----|----|-----|-----|--------|
| GID-100A | 100 | 165 | 145 | 282 |    |     |     |        |
| GID-125A | 125 | 200 | 175 | 300 | 35 |     |     | 8-Φ11  |
| GID-150A | 150 | 225 | 200 | 369 |    |     |     |        |
| GID-200A | 200 | 285 | 260 | 399 | 45 | 255 | 158 | 12-Φ11 |
| GID-250A | 250 | 335 | 310 | 427 | 50 |     |     |        |
| GID-300A | 300 | 425 | 395 | 471 | 55 |     |     | 12-Φ14 |
| GID-400A | 400 | 510 | 480 | 546 | 60 | 310 | 207 | 16-Φ14 |

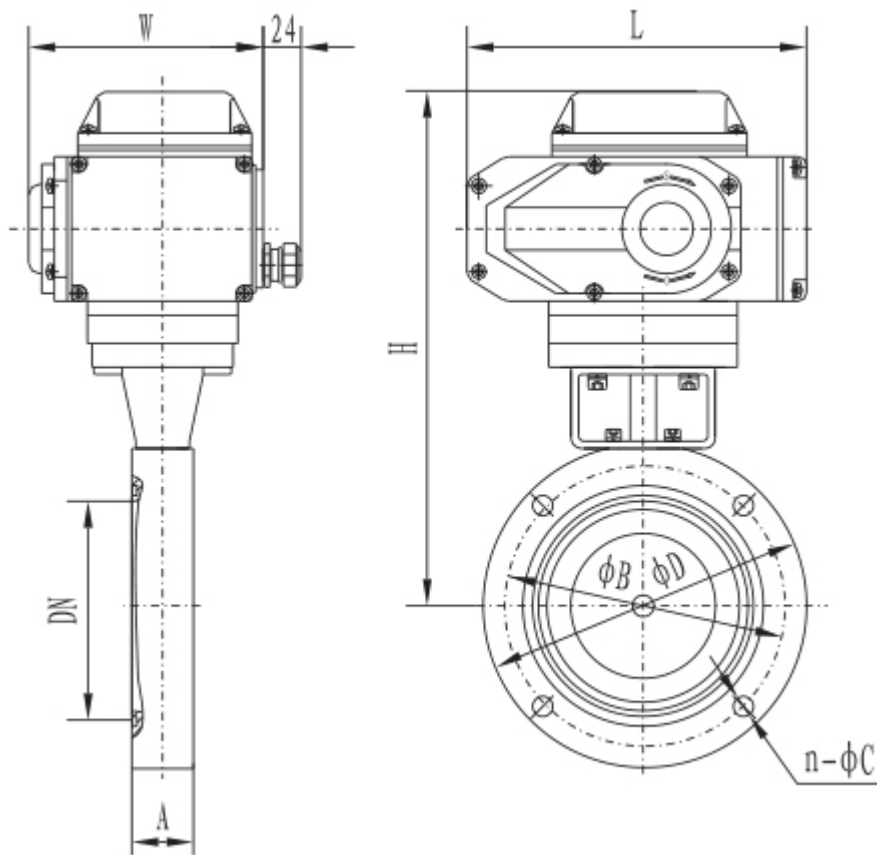


## GID Series Electric High Vacuum Butterfly Valve

Description:

|                                    |                                                                |
|------------------------------------|----------------------------------------------------------------|
| applicability(Pa)                  | $10^{-5} \sim 1.3 \times 10^{-6}$                              |
| Valve leak rate(Pa.L/S)            | $\leq 1.3 \times 10^{-7}$                                      |
| Opening and closing time<br>(s)    | DN $\leq$ 63 20 ; 80 $\leq$ DN $\leq$ 200 30; DN $\geq$ 250 48 |
| Applicable<br>temperature ( °C )   | -25~+80 (sealing material is NBR)                              |
|                                    | -30~+150 (sealing material is fluororubber)                    |
| Material of main parts of<br>valve | Stainless steel or carbon steel                                |
| Flange standard                    | JB919                                                          |
| Installation position              | arbitrarily                                                    |
| supply voltage                     | AC220V/50Hz                                                    |
|                                    | Special designation : DC24V                                    |
| control circuit                    | AC220V/50Hz Switch                                             |
|                                    | Special designation : Choose ①DC24V Switch                     |

|                 |                       |
|-----------------|-----------------------|
|                 | ②4~20mA DC Adjustable |
|                 | ③1~5V DC Adjustable   |
| signal feedback | Optional              |



| Model   | Drift<br>diameter<br>( DN ) | ΦD  | ΦB  | H   | A  | L   | W   | n-ΦC |
|---------|-----------------------------|-----|-----|-----|----|-----|-----|------|
| GID-25  | 25                          | 70  | 55  | 198 | 22 | 166 | 113 | 4-Φ7 |
| GID-32  | 32                          | 78  | 64  | 202 |    |     |     |      |
| GID-40  | 40                          | 85  | 70  | 206 |    |     |     |      |
| GID-50  | 50                          | 110 | 90  | 220 |    |     |     |      |
| GID-63  | 63                          | 130 | 110 | 229 | 26 | 196 | 121 | 4-Φ9 |
| GID-80  | 80                          | 145 | 125 | 273 | 30 |     |     |      |
| GID-100 | 100                         | 170 | 145 | 285 |    |     |     | 35   |
| GID-125 | 125                         | 195 | 170 | 299 |    |     |     |      |

|         |     |     |     |     |    |     |     |       |
|---------|-----|-----|-----|-----|----|-----|-----|-------|
| GID-150 | 150 | 220 | 195 | 368 |    | 255 | 158 | 8-Φ12 |
| GID-200 | 200 | 275 | 250 | 394 | 40 |     |     |       |
| GID-250 | 250 | 330 | 300 | 426 | 45 |     |     |       |
| GID-300 | 300 | 380 | 350 | 449 | 55 |     |     | 8-Φ14 |
| GID-400 | 400 | 500 | 465 | 538 | 60 | 310 | 207 | 8-Φ18 |



## GI-C Series High-vacuum Butterfly Valve

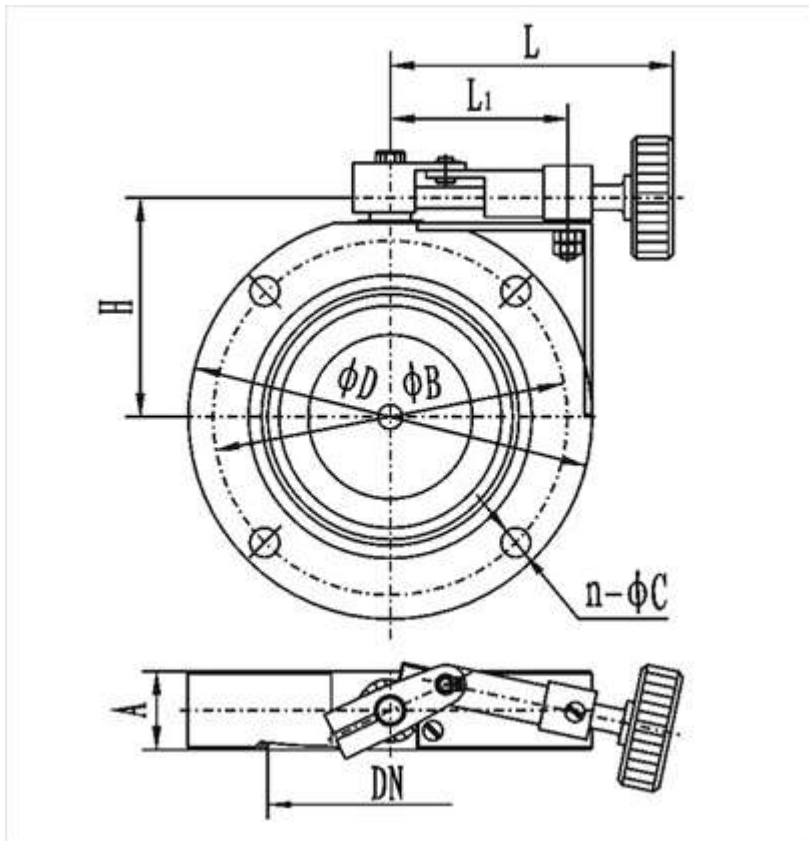
Description: GI-C series high-vacuum butterfly valve can control the airflow in the Vacuum system from 0°to 90°. he applicable active media of this valve are air, non-corrosive gas.

GI-C series high-vacuum butterfly valve can control the airflow in the Vacuum system from 0°to 90°. he applicable active media of this valve are air, non-corrosive gas.

Main technical performance:

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Scope (Pa)                 | 105 ~ 1.3×10 <sup>-5</sup>                                          |
| Valve Leakage Rate(Pa.L/S) | ≤1.3×10 <sup>-6</sup>                                               |
| Medium temperature ( °C )  | -25 ~ +80(Sealing Material NBR)<br>-30 ~ +150(Sealing Material FPM) |
| Flange Standard            | JB919                                                               |
| Installation location      | Random                                                              |





Connection and Dimensions :

| Model  | Nominal Diameter(DN) | $\phi D$ | $\phi B$ | H   | A  | L   | L1  | n- $\phi C$  |
|--------|----------------------|----------|----------|-----|----|-----|-----|--------------|
| GI-32  | 32                   | 78       | 64       | 51  | 22 | 62  | 29  | 4- $\phi 7$  |
| GI-40  | 40                   | 85       | 70       | 55  |    | 65  | 32  |              |
| GI-50  | 50                   | 110      | 90       | 69  |    | 71  | 45  |              |
| GI-63  | 63                   | 130      | 110      | 72  | 26 | 87  | 55  | 4- $\phi 9$  |
| GI-80  | 80                   | 145      | 125      | 80  | 30 | 85  | 63  |              |
| GI-100 | 100                  | 170      | 145      | 93  |    | 110 | 75  | 4- $\phi 12$ |
| GI-150 | 150                  | 220      | 195      | 122 | 35 | 155 | 98  | 8- $\phi 12$ |
| GI-200 | 200                  | 275      | 250      | 156 | 40 | 159 | 117 |              |
| GI-250 | 250                  | 330      | 300      | 259 | 45 | 167 | 132 |              |
| GI-300 | 300                  | 380      | 350      | 284 | 55 | 197 | 162 | 8- $\phi 14$ |

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