

**Válvula de Mariposa con**

- Cierre estanco a las burbujas
- Asiento flexible
- Las dimensiones de lado a lado de la válvula cumplen la norma API 609 y MSS-SP-67.
- Completamente ensamblado y probado, listo para ser instalado



Picture may differ from product



5-year warranty

**Resumen de tipos**

| Tipo   | DN       |
|--------|----------|
| F6100L | 4" [100] |

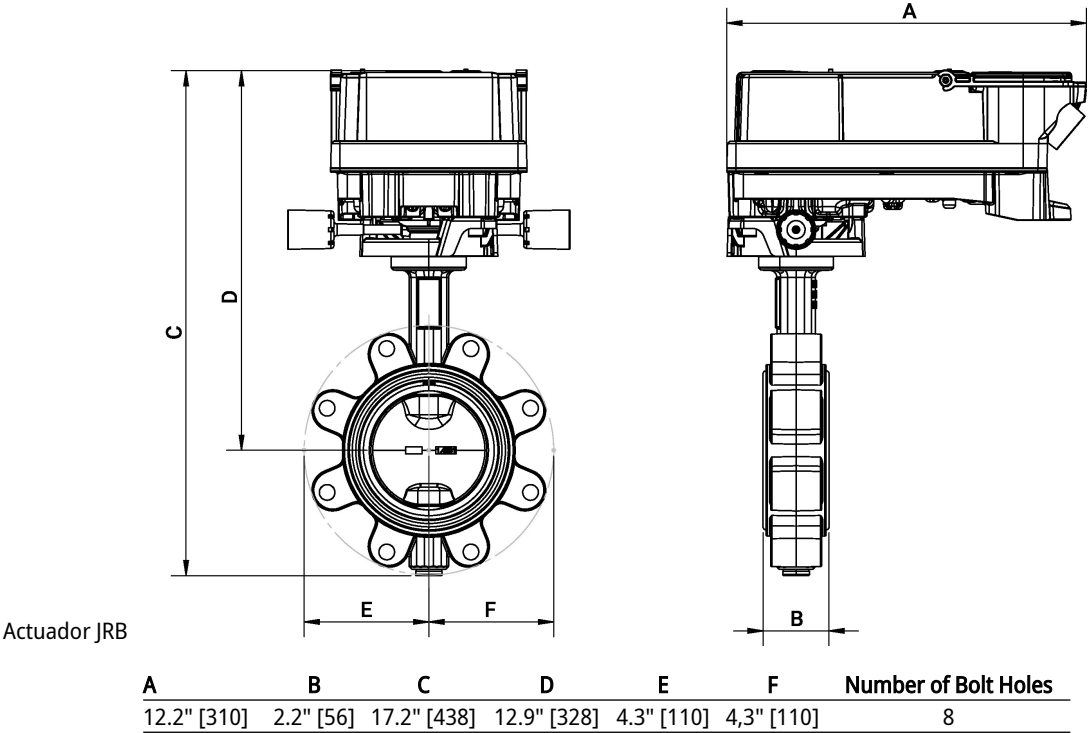
**Datos técnicos**

|                                |                                   |                                                                       |
|--------------------------------|-----------------------------------|-----------------------------------------------------------------------|
| <b>Datos de funcionamiento</b> | Ruta de mam                       | Agua fría y caliente, agua con hasta un máx. de 60% de glicol en vol. |
|                                | Temperatura del fluido            | -22...250°F [-30...120°C]                                             |
|                                | Clasificación de presión corporal | Clase ANSI consistente con 125, 232 psi CWP                           |
|                                | Presión de cierre $\Delta p_s$    | 200 psi                                                               |
|                                | Característica de flujo           | igual porcentaje                                                      |
|                                | Tasa de fuga                      | Sello hermético (aire)                                                |
|                                | Conexión a tubería                | Bridas para su uso con ASME/ANSI clase 125/150                        |
|                                | Nombre del edificio/Proyecto      | sin mantenimiento                                                     |
|                                | Patrón de flujo                   | 2-way                                                                 |
|                                | Rango de flujo controlable        | Rotación de 90°                                                       |
|                                | Cv                                | 798                                                                   |
|                                | Maximum Velocity                  | 12 FPS                                                                |
|                                | Lug threads                       | 5/8-11 UNC                                                            |
| <b>Materiales</b>              | Cuerpo de la válvula              | Fundición de hierro dúctil GGG40                                      |
|                                | Centro de descarga                | Acero inoxidable AISI 304 (CF-8, 1.4308)                              |
|                                | Eje                               | Acero inoxidable AISI 420 (1.4021)                                    |
|                                | Sello del eje                     | Tórica de EPDM                                                        |
|                                | Cojinete del vástago              | Bronce, acero, PTFE                                                   |
|                                | Asiento                           | EPDM                                                                  |

**Dibujos dimensionales**

| Tipo   | DN       | Peso             |
|--------|----------|------------------|
| F6100L | 4" [100] | 14.8 lb [6.7 kg] |

Dibujos dimensionales



Documentación complementaria

- La gama completa de productos para aplicaciones de agua
- Fichas técnicas para actuadores
- Instrucciones de instalación para actuadores y / o válvulas de mariposa
- Notas generales para la planificación de proyectos



## Manual Handle and Worm Gear for Butterfly Valves

### Applications

For manually operating D6... , EXT-D6... series butterfly valves.

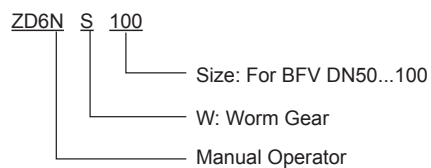
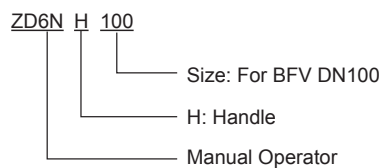


### Technical data

#### Materials

|            |            |                                       |                |
|------------|------------|---------------------------------------|----------------|
| Worm Gear  | Gear train | Ductile cast iron and steel gear sets |                |
|            | Housing    | ZD6N-S100~ZD6N-S150                   | Cast Aluminium |
|            |            | ZD6N-S350~ZD6N-S600                   | Cast Iron      |
|            | Shaft      | Steel 45                              |                |
| Handle     | Hand wheel | Cast iron                             |                |
|            |            | ZD6N-H100~ZD6N-H150                   | Cast Aluminium |
| Stop Plate |            | Steel                                 |                |

### Ordering sample



### Combination table

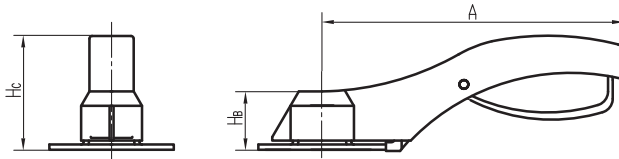
|           | D650N(L) | D665N(L) | D680N(L) | D6100N(L) | D6125N(L) | D6150N(L) | D6100W(L) | D6125W(L) | D6150W(L) | D6200W(L) | D6250W(L) | D6300W(L) | D6350N(L)<br>/ B(L) |
|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| ZD6N-H100 |          |          |          |           |           |           |           |           |           |           |           |           |                     |
| ZD6N-H150 |          |          |          |           |           |           |           |           |           |           |           |           |                     |
| ZD6N-S100 |          |          |          |           |           |           |           |           |           |           |           |           |                     |
| ZD6N-S150 |          |          |          |           |           |           |           |           |           |           |           |           |                     |
| ZD6N-S350 |          |          |          |           |           |           |           |           |           |           |           |           |                     |
| ZD6N-S400 |          |          |          |           |           |           |           |           |           |           |           |           |                     |
| ZD6N-S450 |          |          |          |           |           |           |           |           |           |           |           |           |                     |
| ZD6N-S500 |          |          |          |           |           |           |           |           |           |           |           |           |                     |
| ZD6N-S600 |          |          |          |           |           |           |           |           |           |           |           |           |                     |

|           | D6450N(L)<br>/ B(L) | D6500N(L)<br>/ B(L) | D6600N(L)<br>/ B(L) |
|-----------|---------------------|---------------------|---------------------|
| ZD6N-H100 |                     |                     |                     |
| ZD6N-H150 |                     |                     |                     |
| ZD6N-S100 |                     |                     |                     |
| ZD6N-S150 |                     |                     |                     |
| ZD6N-S350 |                     |                     |                     |
| ZD6N-S400 |                     |                     |                     |
| ZD6N-S450 |                     |                     |                     |
| ZD6N-S500 |                     |                     |                     |
| ZD6N-S600 |                     |                     |                     |

 Suitable combination

## Dimensions [mm]

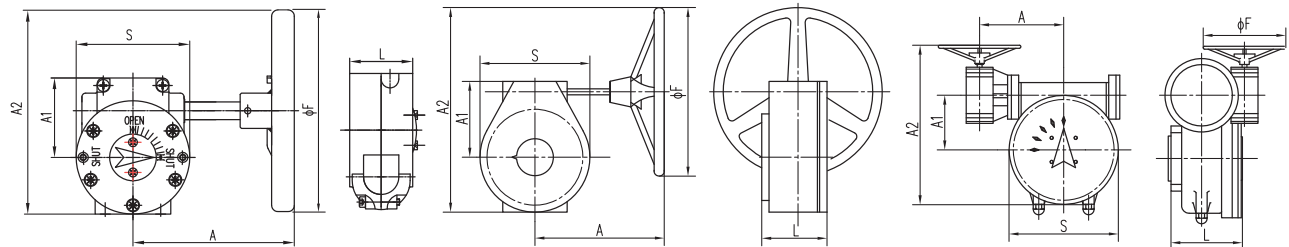
### Manual Handle



ZD6-H100~ZD6-H150

| Type      | Top Flange | Dimensions [mm] |                |                | Weight (kg) |
|-----------|------------|-----------------|----------------|----------------|-------------|
|           |            | A               | H <sub>B</sub> | H <sub>C</sub> |             |
| ZD6N-H100 | F05, 14x14 | 170             | 32             | 64             | 0.50        |
| ZD6N-H150 | F07, 17x17 | 260             | 37             | 75             | 0.65        |

### Worm Gear



Single-stage Worm Gear  
ZD6N-S100 ~ ZD6N-S350

Single-stage Worm Gear  
ZD6N-S400 ~ ZD6N-S450

Double-stage Worm Gear  
ZD6N-S500 ~ ZD6N-S600

| Type      | Top flange | Dimensions [mm] |     |       |     |     |     | Speed Ratio | Weight (kg) |
|-----------|------------|-----------------|-----|-------|-----|-----|-----|-------------|-------------|
|           |            | A               | A1  | A2    | L   | S   | øF  |             |             |
| ZD6N-S100 | F05, 14x14 | 164.5           | 76  | 170   | 71  | 107 | 146 | 24:1        | 4.6         |
| ZD6N-S150 | F07, 17x17 | 164.5           | 76  | 170   | 71  | 107 | 146 | 24:1        | 4.6         |
| ZD6N-S350 | F10, 22x22 | 228             | 113 | 301.5 | 82  | 160 | 285 | 50:1        | 11.8        |
| ZD6N-S400 | F14, 36x36 | 260             | 155 | 439.5 | 98  | 254 | 385 | 80:1        | 16.5        |
| ZD6N-S450 | F14, 36x36 | 260             | 155 | 439.5 | 98  | 254 | 385 | 80:1        | 21.8        |
| ZD6N-S500 | F14, 36x36 | 280             | 110 | 390   | 124 | 220 | 285 | 560:1       | 34.5        |
| ZD6N-S600 | F16, 36x36 | 306             | 136 | 442   | 129 | 272 | 385 | 560:1       | 49          |