

## **ARTICULO: 2120 / 2120D**

### **Válvula de mariposa extremos ranurados**

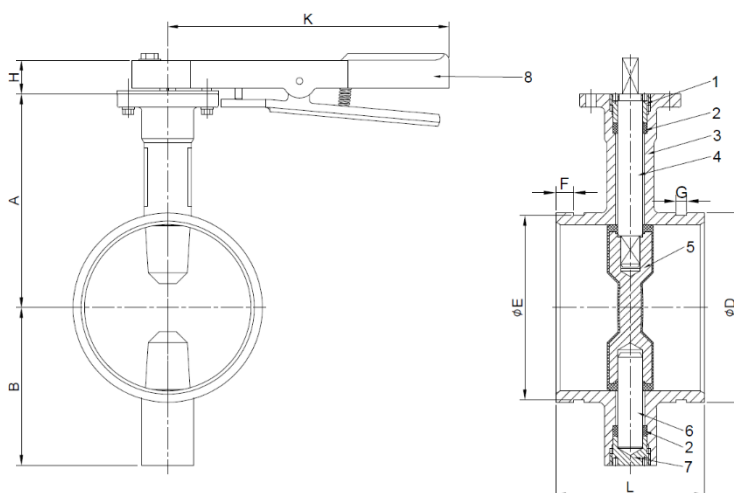
### ***Butterfly valve grooved ends***

#### **Características**

1. Válvula de mariposa extremos ranurados.
2. Construcción en fund. nodular EN-GJS-400 (GGG40).
3. Disco de fundición nodular recubierto con EPDM.
4. Diseño según API 609.
5. Longitud entre caras según MSS SP-67.
6. Extremos ranurados según AWWA C606.
7. Recubrimiento interior y exterior con resina epoxy RAL 3000.
8. Presión de trabajo 300 PSI.
9. Temperatura Máxima de trabajo: 80°C.

#### **Features**

1. Butterfly valve grooved ends.
2. Made of Ductile Iron EN-GJS-400 (GGG40).
3. Butterfly disc of ductile iron coated EPDM.
4. Design according to API 609.
5. Face to Face according to MSS SP-67.
6. Grooved ends according to AWWA C606.
7. Inside & Outside with Epoxy coating RAL 3000.
8. Working pressure 300 PSI.
9. Max. Working temperature 80°C.

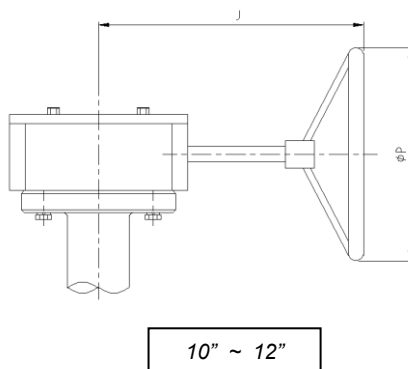


| nº | Denominación / Name                   | Material                                | Acabado Superficial / Surface Treatment |
|----|---------------------------------------|-----------------------------------------|-----------------------------------------|
| 1  | Tuerca eje superior / Upper shaft nut | Acero carbono / Carbon steel            | -----                                   |
| 2  | Retén eje / Shaft seal                | EPDM                                    | -----                                   |
| 3  | Cuerpo / Body                         | Fund. nodular / Ductile Iron EN-GJS-400 | Epoxy                                   |
| 4  | Eje Superior / Upper shaft            | Acero Inox. / Stainless Steel AISI 416  | -----                                   |
| 5  | Disco / Disc                          | Fund. nodular / Ductile Iron + EPDM     | -----                                   |
| 6  | Eje Inferior / lower shaft            | Acero Inox. / Stainless Steel AISI 416  | -----                                   |
| 7  | Tuerca eje inferior / Lower shaft nut | Acero carbono / Carbon steel            | -----                                   |
| 8  | Palanca / Handle                      | Fundición / Cast Iron EN-GJS-200        | Painted                                 |

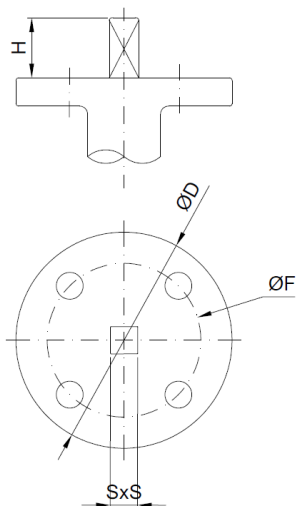
## DIMENSIONES GENERALES / GENERAL DIMENSIONS:

| Ref      | Medida<br>/ Size | Dimensiones / Dimensions (mm) |       |       |      |      |     |     |    |      |      |      | Kg   |
|----------|------------------|-------------------------------|-------|-------|------|------|-----|-----|----|------|------|------|------|
|          |                  | L                             | D     | E     | F    | G    | A   | B   | H  | K    | J    | P    |      |
| 2120 09  | 2"               | 81                            | 60.3  | 57.2  | 15.9 | 7.9  | 110 | 85  | 32 | 267  | ---- | ---- | 2,5  |
| 2120 10  | 2 ½"             | 96.8                          | 73    | 69.1  | 15.9 | 7.9  | 125 | 95  | 32 | 267  | ---- | ---- | 3    |
| 2120 11  | 3"               | 96.8                          | 88.9  | 84.9  | 15.9 | 7.9  | 140 | 100 | 32 | 267  | ---- | ---- | 3,5  |
| 2120 12  | 4"               | 115.8                         | 114.3 | 110.1 | 15.9 | 9.5  | 160 | 100 | 32 | 267  | ---- | ---- | 4,8  |
| 2120 13  | 5"               | 147.6                         | 141.3 | 137   | 15.9 | 9.5  | 170 | 125 | 32 | 267  | ---- | ---- | 7,6  |
| 2120 14  | 6"               | 147.6                         | 168.3 | 164   | 15.9 | 9.5  | 190 | 140 | 32 | 267  | ---- | ---- | 9,5  |
| 2120 16  | 8"               | 133.4                         | 219.1 | 214.4 | 19   | 11.1 | 200 | 175 | 37 | 353  | ---- | ---- | 17,4 |
| 2120 18  | 10"              | 158.8                         | 273   | 268.3 | 19   | 12.7 | 260 | 200 | 77 | ---- | 233  | 290  | 35,5 |
| 2120 20  | 12"              | 165.1                         | 323.8 | 318.3 | 19   | 12.7 | 300 | 240 | 77 | ---- | 226  | 290  | 50   |
|          |                  |                               |       |       |      |      |     |     |    |      |      |      |      |
| 2120D 10 | DN 65            | 96.8                          | 76.1  | 72.3  | 15.9 | 7.9  | 125 | 95  | 32 | 267  | ---- | ---- | 3    |
| 2120D 13 | DN 125           | 147.6                         | 139.7 | 135.5 | 15.9 | 9.5  | 170 | 125 | 32 | 267  | ---- | ---- | 7,6  |
| 2120D 14 | DN 150           | 147.6                         | 165.1 | 160.9 | 15.9 | 9.5  | 190 | 140 | 32 | 267  | ---- | ---- | 9,5  |
| 2120D 16 | DN 200           | 133.4                         | 216.3 | 211.6 | 19   | 11.1 | 230 | 175 | 37 | 353  | ---- | ---- | 17,4 |
| 2120D 18 | DN 250           | 158.8                         | 267.4 | 262.6 | 19   | 12.7 | 260 | 200 | 77 | ---- | 233  | 290  | 35,5 |
| 2120D 20 | DN 300           | 165.1                         | 318.5 | 312.9 | 19   | 12.7 | 300 | 240 | 77 | ---- | 226  | 290  | 50   |

\*\*\* Nota: De 2" a 8" Palanca de fundición de hierro / From 2" to 8" cast iron handle.  
A partir de 10" operación mediante reductor manual / From 10", handling by gear box.



## Dimensiones de brida superior / Top flange dimensions:



| Top flange dimensions |     |             |    |     |    |            |
|-----------------------|-----|-------------|----|-----|----|------------|
| 2120 / 2120D          | DN  | F (ISO5211) | S  | D   | H  | Torque N·m |
| 09                    | 50  | F07         | 10 | 65  | 32 | 25         |
| 10                    | 65  | F07         | 10 | 65  | 32 | 32         |
| 11                    | 80  | F07         | 11 | 65  | 32 | 55         |
| 12                    | 100 | F07         | 14 | 90  | 32 | 90         |
| 13                    | 125 | F07         | 14 | 90  | 32 | 100        |
| 14                    | 150 | F07         | 16 | 90  | 32 | 130        |
| 16                    | 200 | F10         | 19 | 125 | 32 | 175        |
| 18                    | 250 | F10         | 22 | 125 | 45 | 250        |
| 20                    | 300 | F12         | 26 | 150 | 45 | 400        |