

### ARTICULO: 2234S

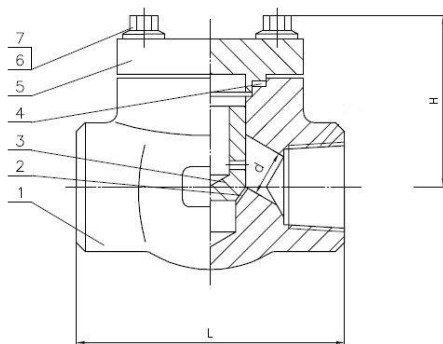
## Válvula de Retención Tipo Pistón Clase 800 extremos S. Weld. Socket Weld ends Check Valve Class 800 Piston Type.

#### Características

1. Válvula de Retención tipo Pistón clase 800.
2. Diseño según EN ISO 15761 (API 602).
3. Construcción en Acero Forjado ASTM A105.
4. Asiento inoxidable endurecido con Stellite.
5. Pistón Inoxidable.
6. Trim # 8 (equivalente XU).
7. Extremos para soldar Socket Weld ANSI B 16.11.
8. Tapa atornillada.
9. Presión máxima de trabajo 140 Bar.
10. Temperatura Máxima de trabajo: 420 °C.

#### Features

1. Check valve Class 800 Piston Type.
2. Design according to EN ISO 15761 (API 602).
3. Made by Forged Steel ASTM A105.
4. Seat from stainless steel hardened with Stellite.
5. Piston made by Stainless Steel.
6. Trim # 8 (equivalent to XU).
7. Socket Weld ends according to ANSI B 16.11.
8. Bolted Cover.
9. Max. Working pressure 140 Bar.
10. Max. Working temperature 420 °C.



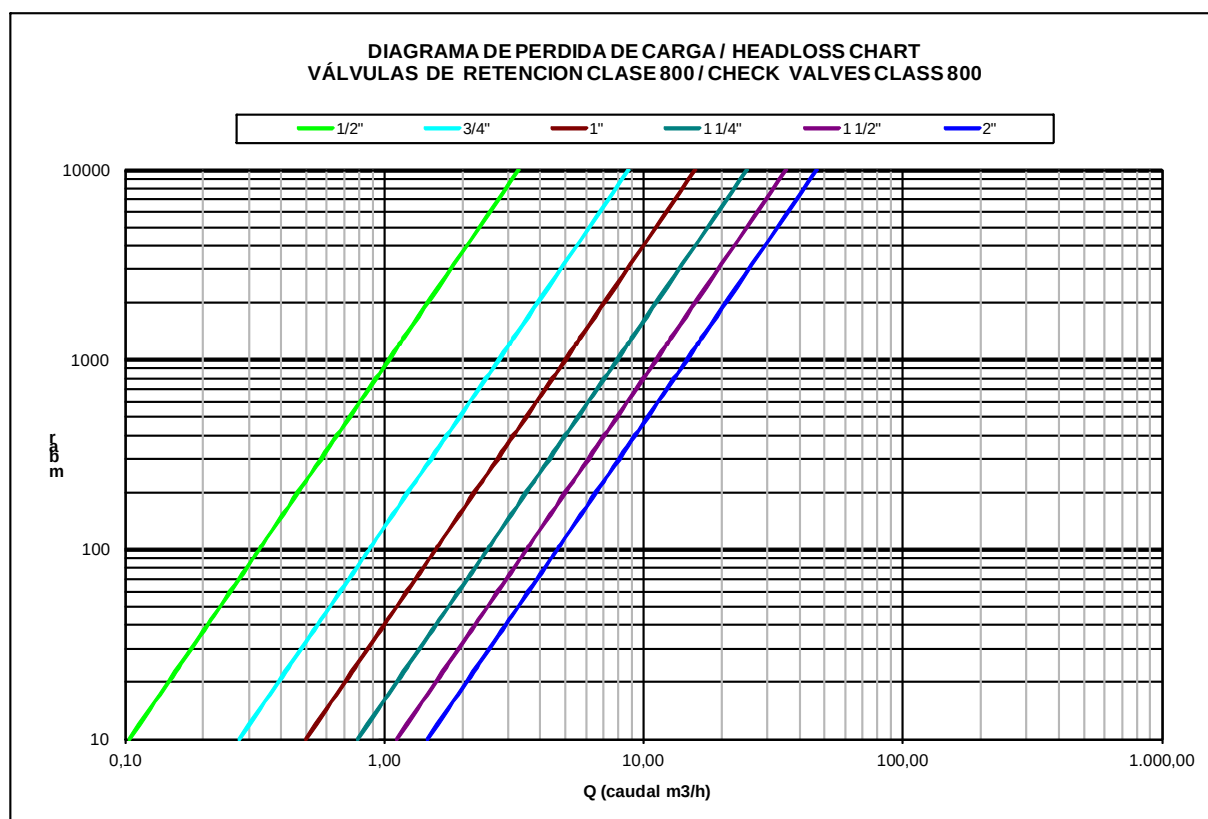
| N° | Denominación/ Name          | Material                            | Acabado Superficial / Surface Treatment |
|----|-----------------------------|-------------------------------------|-----------------------------------------|
| 1  | Cuerpo / Body               | ASTM A105                           | Fosfatizado / Phosphatized              |
| 2  | Asiento / Seat              | Aporte de Stellite / Deposited STL. | -----                                   |
| 3  | Pistón / Piston             | ASTM A182 F6a                       | -----                                   |
| 4  | Junta Cuerpo / Body Gasket  | Inox. / S.S 304 + graphite          | -----                                   |
| 5  | Tapa / Bonnet               | ASTM A105                           | Fosfatizado / Phosphatized              |
| 6  | Tornillo tapa / Bonnet Bolt | ASTM A193 Gr. B7                    | -----                                   |
| 7  | Tuerca tapa / Bonnet Nut    | ASTM A194 Gr. 2H                    | -----                                   |

## DIMENSIONES GENERALES / GENERAL DIMENSIONS

| Ref      | Medida/<br>Size | Dimensiones / Dimensions (mm) |      |     |     | Peso/<br>Weight<br>(Kg) |
|----------|-----------------|-------------------------------|------|-----|-----|-------------------------|
|          |                 | d                             | S.W. | L   | H   |                         |
| 2234S 04 | 1/2"            | 9                             | 21.8 | 79  | 61  | 1,605                   |
| 2234S 05 | 3/4"            | 13                            | 27.1 | 92  | 61  | 1,775                   |
| 2234S 06 | 1"              | 17.5                          | 33.8 | 111 | 78  | 3,000                   |
| 2234S 07 | 1 1/4"          | 23                            | 42.6 | 120 | 84  | 4,260                   |
| 2234S 08 | 1 1/2"          | 30                            | 48.7 | 152 | 84  | 6,380                   |
| 2234S 09 | 2"              | 35                            | 61.1 | 172 | 118 | 10,420                  |

## DIAGRAMA DE PERDIDAS DE CARGA / HEAD LOSSES DIAGRAM

( H2O – 20 °C Flujo Horizontal / Horizontal flow).



## VALORES DE Kv / Kv VALUES

Kv = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

*Kv = The rate of flow of water in cubic meter per hour that will generate a pressure drop of 1 bar across the valve.*

| Med. /Size | 1/2" | 3/4" | 1" | 1 ¼" | 1 ½" | 2"   |
|------------|------|------|----|------|------|------|
| m³/h       | 1.04 | 2.77 | 5  | 7.9  | 11.2 | 14.7 |

## **CURVA PRESION TEMPERATURA / PRESSURE TEMPERATURE RATING**

