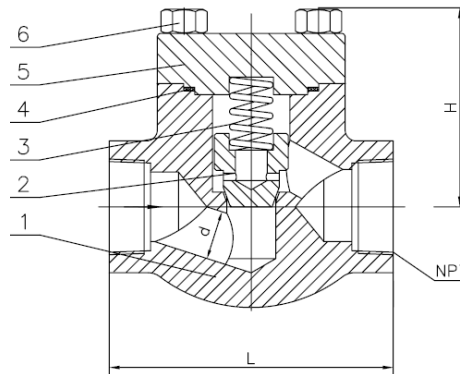


## Art2234N Carbon Steel Class 800 Piston Check Valve

### Features

1. Check valve Class 800 Piston Type.
2. Design according to EN ISO 15761 (API 602).
3. Made of Forged Steel ASTM A105N.
4. Seat in the body hardened with Stellite.
5. Piston made of tempered Stainless Steel.
6. Trim # 8 (equivalent to XU).
7. Threaded ends acc. to ASME B1.20.1 (NPT).
8. Bolted Cover.
9. Max. Working pressure 140 bar.
10. Working temperature: -29° C to 420° C.



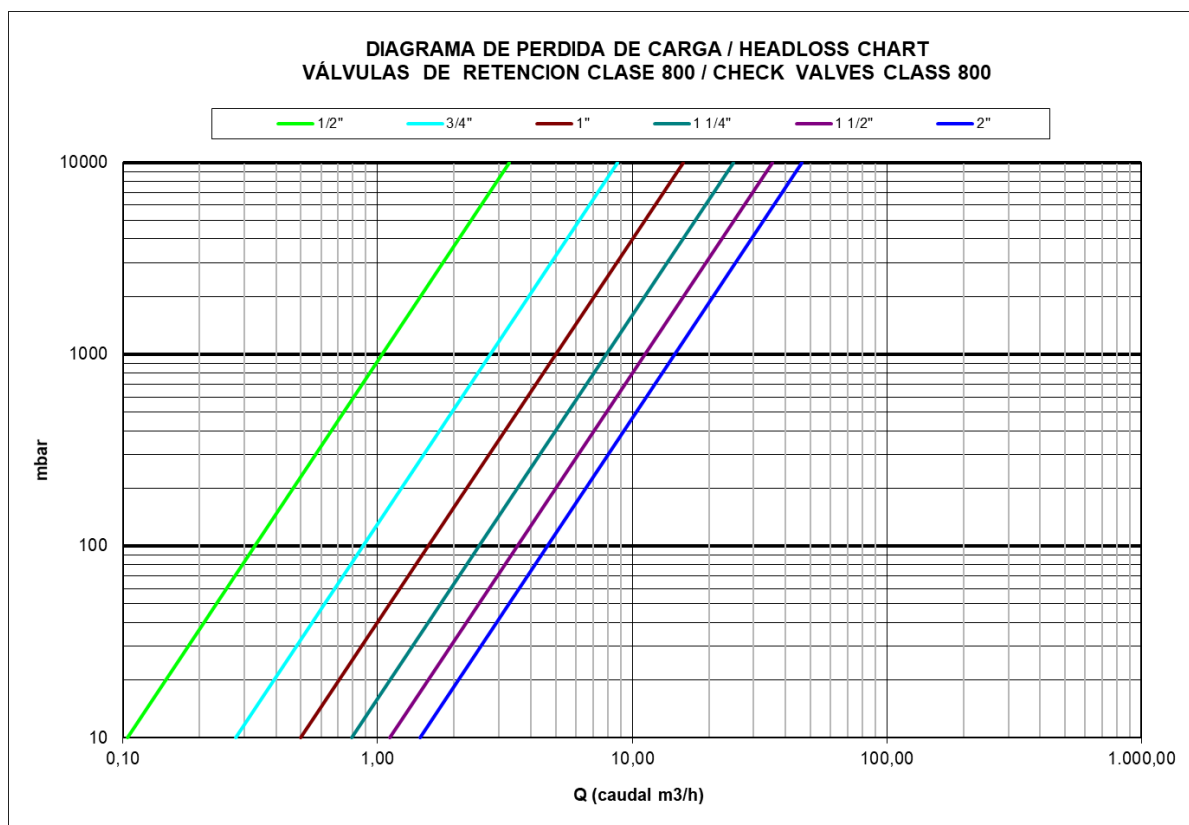
N°	Name	Material	Surface Treatment
1	Body	ASTM A105N	Phosphatized
2	Piston	ASTM A182 F6a	Tempering
3	Spring	Stainless Steel 304	
4	Body Gasket	Stainless Steel 304 + Graphite	
5	Bonnet	ASTM A105N	Phosphatized
6	Bonnet Bolt	ASTM A193 Gr. B7	

## General Dimensions

Ref	Size	Dimensions (mm)			Weight (Kg)
		d	L	H	
2234N 04	1/2"	10	80	62	1,595
2234N 05	3/4"	13	90	65	1,760
2234N 06	1"	17	100	77	2,990
2234N 07	1 1/4"	23	120	83	4,180
2234N 08	1 1/2"	28	150	104	6,800
2234N 09	2"	36	168	112	11,200

## Head Loss Diagram

Water @ 20°C - Horizontal Flow

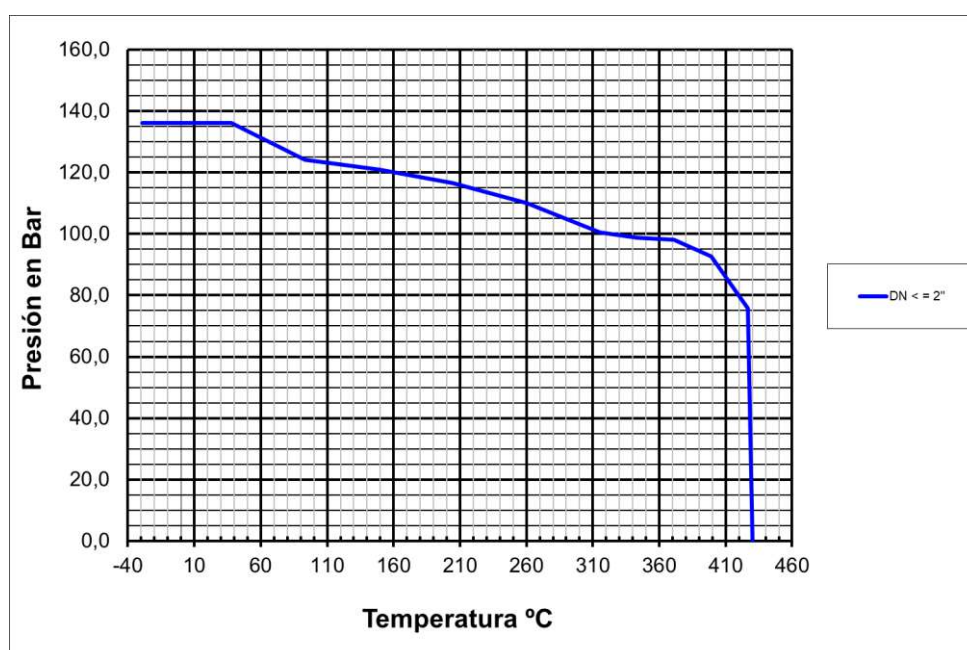


## Kv Values

Kv: Water flow rate in cubic meter per hour generating a 1 bar pressure drop across the valve.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
m <sup>3</sup> /h	1.04	2.77	5	7.9	11.2	14.7

## Pressure/Temperature Rating



## Opening Pressure (mbar)

Flow	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
↑ → ↓	37	37	40	45	55	75