

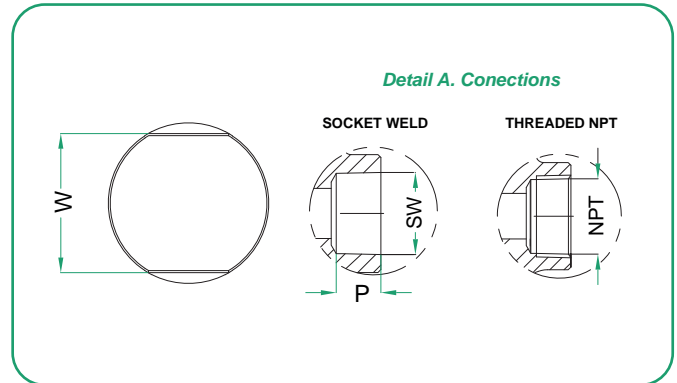
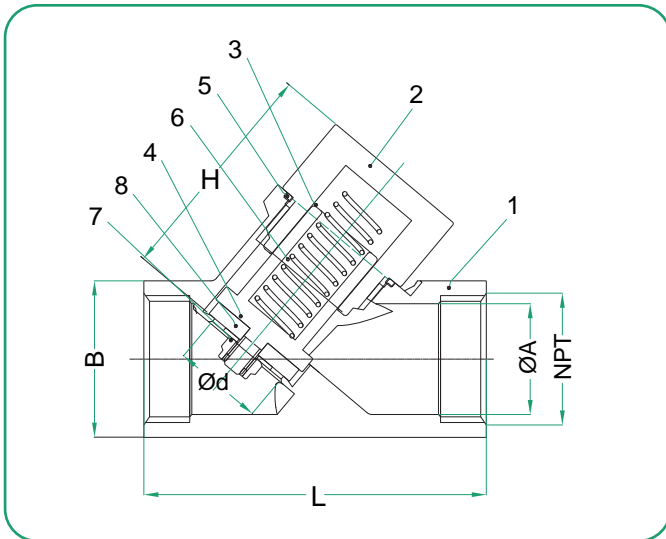


## Features / Design

- 1.- Investment cast components.
- 2.- Design according to EN12516-2.
- 3.- Pressure-Temperature Rating: PN40.
- 4.- Ends: NPT (ASME B1.20.1) & SW (ASME B16.11).
- 5.- Face to face dimension acc. to DIN3202 M8.
- 6.- Temperature range: - 4 to 356°F (-20° to 180°C).
- 7.- Pressure test according to API 598.

## Material List

NO.	DESCRIPTION	MATERIAL
1	BODY	A216 WCB / A351 CF8M
2	CAP	A216 WCB / A351 CF8M
3	DISC	AISI 316
4	SEAT	PTFE
5	JOINT GASKET	PTFE
6	SPRING	AISI 316
7	NUT	AISI 304 + PLASTICS
8	WASHER	AISI 304



## Dimensions (inches)

SIZE	ØA (in)	B (in)	Ød (in)	H (in)	L (in)	W (in)	SW (in)	P MIN (in)	NPT (in)	CV (USgpm)	WEIGHT (lb)
1/4"	0.413	1.063	0.492	1.472	2.591	0.945	0.5 ± 0.008	0.374	1/4"	3.0	0.617
3/8"	0.551	1.063	0.492	1.472	2.591	0.945	0.7 ± 0.008	0.374	3/8"	4.1	0.551
1/2"	0.689	1.063	0.492	1.472	2.591	0.945	0.9 ± 0.008	0.374	1/2"	4.1	0.551
3/4"	0.906	1.272	0.709	1.756	2.980	1.181	1.1 ± 0.008	0.492	3/4"	6.5	0.838
1"	1.142	1.614	0.925	2.240	3.531	1.378	1.3 ± 0.008	0.492	1"	11.2	1.587
1 1/4"	1.496	1.969	1.236	2.528	4.323	1.575	1.7 ± 0.008	0.492	1 1/4"	16.0	2.690
1 1/2"	1.732	2.185	1.406	2.992	4.764	1.772	1.9 ± 0.008	0.492	1 1/2"	20.3	3.858
2"	2.205	2.756	1.791	3.425	5.969	2.165	2.4 ± 0.010	0.629	2"	34.0	6.063



## How to Order

CLASS		VALVE BODY DESIGN (SERIES)		MATERIAL			ENDS		SIZE				
				BODY	DISC	SEAT							
<b>8</b>	PN 40 <sup>(1)</sup>	<b>7YL</b>	"Y" Type Check Valve Spring Loaded	<b>2</b>	WCB	<b>3</b>	316 SS	<b>P</b>	PTFE	<b>T</b>	Threaded	<b>0.25</b>	1/4"
				<b>3</b>	CF8M					<b>S</b>	Socket Weld	<b>0.38</b>	3/8"
												<b>0.5</b>	1/2"
												<b>0.75</b>	3/4"
												<b>01</b>	1"
												<b>01.25</b>	1 1/4"
												<b>01.5</b>	1 1/2"
												<b>02</b>	2"

### Example:

"Y" Type Spring Loaded Check Valve, Body ASTM A351 Gr. CF8M & Disc 316SS, Seat PTFE, Threaded, Maximum Working Pressure PN40, Size 2".

**87YL33PT02**

NOTES:

(1) Nominal Pressure (PN 40 = 40 bar ≈ 588 psi).