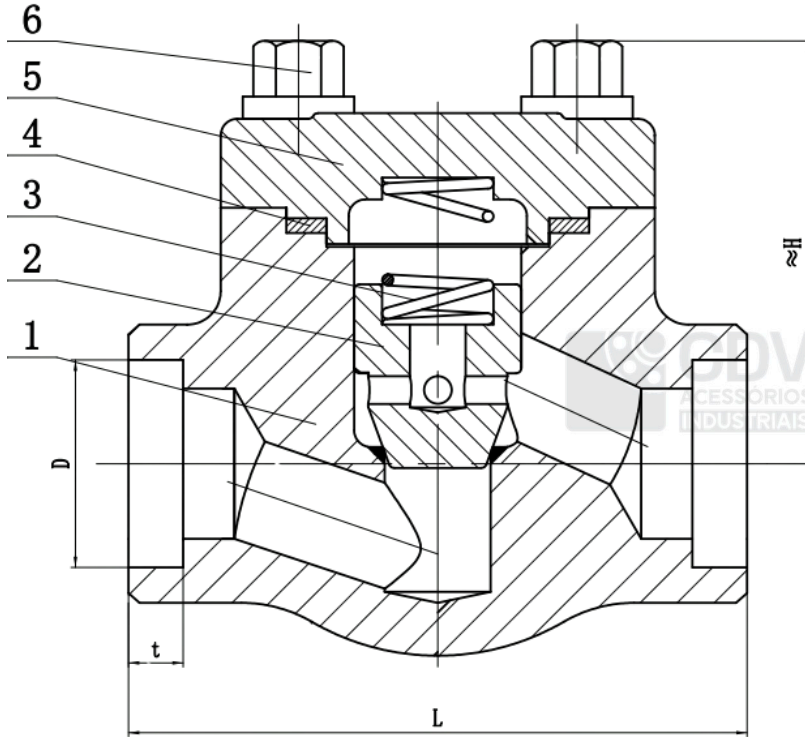


FIG. 251



in	L	D	t	≈H
1/2"	79	21.8	9.6	58
3/4"	92	27.1	13	60
1"	111	33.8	13	72
1-1/4"	120	42.6	13	82
1-1/2"	152	48.7	13	93
2"	172	61.2	16	107

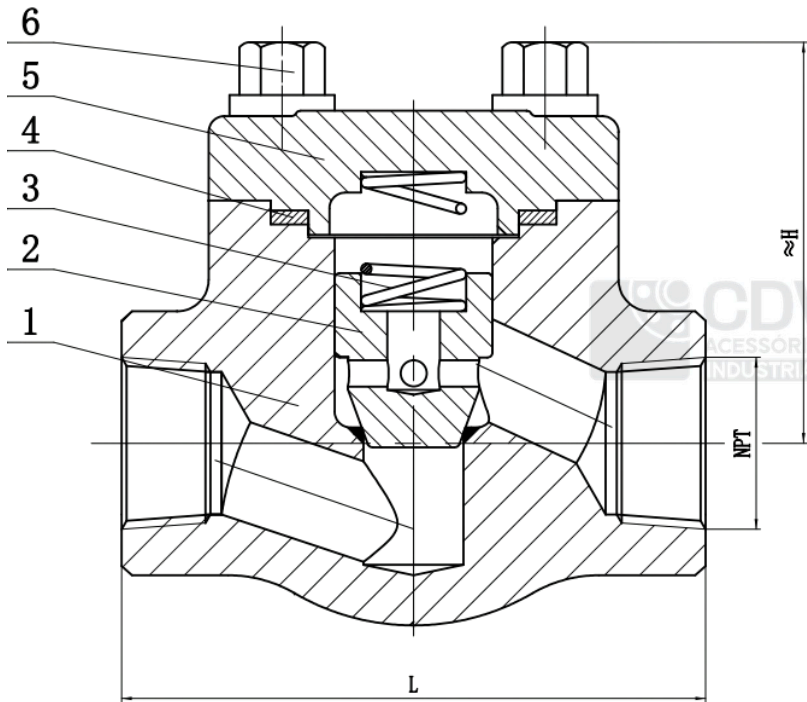
Performance Specification			
Nominal Pressure	800LB	MPa	
Test Pressure	Intensity test		19.5
	Back seal test		--
	Seal test		14.3
	Gas test	0.6	
Working Temperature	≤ 425	°C	
Medium: water oil & gas	Water Steam Oil		

Technical Specification

- 1 Design and manufacture: API602
- 2 Face to Face dimension: ASME B16.10
- 3 ends: ASME B1.20.1
- 4 Pressure-Temperature class: ASME B16.34
- 5 Inspection and test: API 598

Material Table		
6	Bolt	A193 B7
5	Cover	ASTM A105
4	Gasket	304+Graphite
3	Spring	A276 304
2	Disc	13Cr
1	Body	ASTM A105+STL
NO.	PART NAME	MATERIAL
Product name: Piston Check Valve		Classe: 800
Designer: CDV INDUSTRIAL		Type: H61Y-800LB-00
Date: MAR/2025		Drawing: Fig 251

FIG. 251



in	L	NPT	≈H
1/2"	79	1/2"	58
3/4"	92	3/4"	60
1"	111	1"	72
1-1/4"	120	1-1/4"	82
1-1/2"	152	1-1/2"	93
2"	172	2"	107

Performance Specification			
Nominal Pressure	800LB	MPa	
Test Pressure	Intensity test		19.5
	Back seal test		--
	Seal test		14.3
	Gas test	0.6	
Working Temperature	≤ 425	°C	
Medium: water, oil & gas	Water Steam Oil		

Technical Specification

- 1 Design and manufacture: API602
- 2 Face to Face dimension: ASME B16.10
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- 4 Pressure-Temperature class: ASME B16.34
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Material Table		
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1	Body	ASTM A105+STL
NO.	PART NAME	MATERIAL
Product name: Piston Check Valve		Classe: 800
Designer: CDV INDUSTRIAL		Type: H11Y-800LB-00
Date: MAR/2025		Drawing: Fig 251