

# Forged Steel Swing Type Check Valves, Threaded & Socket-welding End, **CLASS 800 (PN 130)**

## Features

- Meets API 602 required wall thickness / ASME B16.34
- Spiral wound gasket with SS304 / graphite or SS316 / graphite
- Horizontal type
- Compact and sturdy designs for high pressure-temperature service

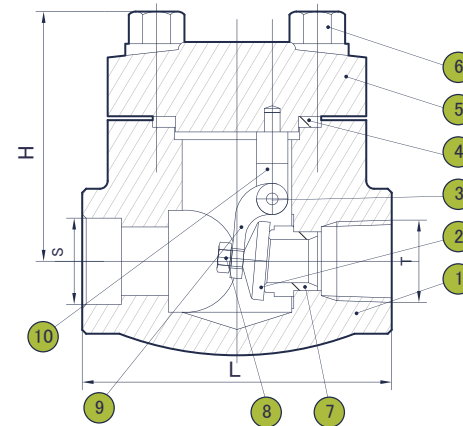
**Class 800 (PN 130)**  
Full Port/Standard Port  
ASME CLASS 800: 1975 psi@100°F  
(136.2 bar@38°C)



Check Valve

Component and Common Materials				
NO.	PARTS NAME	MATERIALS		
1	Body	A 105	A 182-F304	A 182-F316
2	Disc	13Cr	A 182-F304+STL	A 182-F316+STL
3	Pin	A 276-304	A 182-F304	A 182-F316
4	Gasket	SS304 & Graphite	SS316 & Graphite	
5	Cap	A 105	A 182-F304	A 182-F316
6	Cap Bolt	A 193-B7		A 193-B8
7	Seat	13Cr	A 182-F304+STL	A 182-F316+STL
8	Disc Nut	A 193-B7		A 193-B8
9	Swing Arm	A 105	A 182-F304	A 182-F316
10	Swing Arm Hold	A 105	A 182-F304	A 182-F316

\* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.



**Selection**  
Connection:  
Threaded End/Socket-welding End  
Thread Type:  
NPT/BSPT/DIN  
Material of the Body/Bonnet:  
A105/F316/F316L/F304/F304L/F11/F22

Nominal diameter	Standard port	mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)	
	Full port	mm(in)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
D		mm(in)	10(0.39)	13(0.51)	18(0.71)	23(0.91)	28.5(1.12)	36(1.42)	42(1.65)
L		mm(in)	79(2.83)	92(3.62)	111(4.37)	120(4.72)	120(4.72)	140(5.51)	170(6.69)
H		mm(in)	62(2.44)	63(2.48)	78(3.07)	82(3.23)	1102(4.02)	120(4.70)	140(5.51)
Weight		kg	1.1	1.2	2.0	3.5	4.5	7.5	10