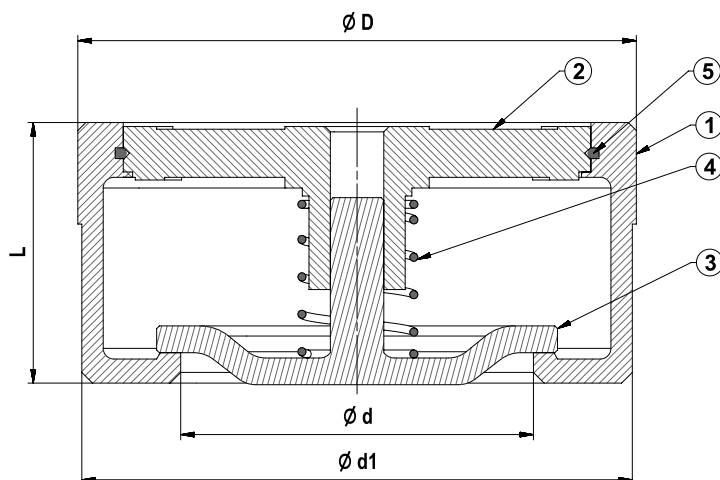


DISC TYPE CHECK VALVE DUCTILE IRON (PN 16)

Ductile Iron



General Specifications

Working Temperature : -10 ... +120 °C (16 Bar), 200 °C (13 Bar), 250 °C (11 Bar), 300 °C (10 Bar)

Standards

Certificates :

Design : TS EN 12334

Flange Dimensions : TS EN 1092-2 (PN 16)

Face to Face Dimensions : TS EN 558 (Seri 49)

Tests : TS EN 12266-1



Applications

Hot and cold water systems, compressed air, non-acidic and non-flammable liquid fluids, liquid fuel systems

Material Specifications	No	Part Name	Material
	1	Body	GGG 40 - EN GJS 400-15 - Ductile Iron
	2	Disc Guide	GGG 40 - EN GJS 400-15 - Ductile Iron
	3	Disc	GGG 40 - EN GJS 400-15 - Ductile Iron
	4	Spring	X12CrNi18 8 - AISI302 - Stainless Steel
	5	Piston Ring	X12CrNi18 8 - AISI302 - Stainless Steel

Dimensions	Nominal Pressure	16 Bar								
	Nominal Diameter	DN	40	50	65	80	100	125	150	200
	Valve Dimensions	Ød	39	48	64	74	89	112	132	175
		L	31.5	40	46	50	60	90	106	140
		D	82	95	115	132	152	184	209	264
		Ød1	78	90	108	126	146	181	206	260
	Weight	Kg	0.620	0.976	1.360	2.078	3.030	6,800	10.000	20,000

Min. Opening Pressure (mbar)	Nominal Diameter		DN	40	50	65	80	100	125	150	200
	Flow Direction	With Spring		21					22	23.5	24
											
		Without Spring		16.2	16.1	15	13.7	12.5	12	13	14.5
				24	25		26	26.5	30	32.5	35
		4	4.2	5.1	5.6	7.4	15	17	18.5		