



Shanghai Tianfa Trading Co., Ltd.

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DAMPING CHECK VALVE EN DRVZ

MAIN TECHNICAL PARAMETER

DN(mm)		50~500		
PN(MPa)		1.0	1.6	2.5
Test pressure (MPa)	Shell strength	1.5	2.4	3.75
	Sealing performance	1.1	1.76	2.75
Working temperature		≤200℃		
Applicable temperature		Water, Oil ect		

D. MATERIAL FOR MAIN PARTS

Name of parts	Material
Valve body and flow guide body	Casting pig Ductile Iron Cast steel, Stainless steel, Brass
Seat, Disc, Shaft	Bronze or Cr stainless steel
Spring	Stainless steel

MAIN EXTERNAL AND CONNECTION DIMENSIONS

DN mm	PN1.0								PN1.6								PN 2.5							
	L	b	f	D ₂	D	D ₁	Z-φd		L	b	f	D ₂	D	D ₁	Z-φd		L	b	f	D ₂	D	D ₁	Z-φd	
50	120	20	3	102	165	125	4-18		120	20	3	102	165	125	4-18		120	20	3	99	165	125	4-18	
65	150	20	3	122	185	145	4-18		150	20	3	122	185	145	4-18		150	22	3	118	185	145	8-18	
80	180	22	3	133	200	160	8-18		180	22	3	133	200	160	8-18		180	24	3	132	200	160	8-18	
100	240	24	3	158	220	180	8-18		240	24	3	158	220	180	8-18		240	24	3	156	235	190	8-22	
125	300	26	3	184	250	210	8-18		300	26	3	184	250	210	8-18		300	26	3	184	270	220	8-26	
150	350	26	3	212	285	240	8-22		350	26	3	212	285	240	8-22		350	28	3	211	300	250	8-26	
200	450	28	3	268	340	295	8-22		450	30	3	268	340	295	12-22		450	30	3	274	360	310	12-26	
250	500	28	3	320	395	350	12-22		500	32	3	320	405	355	12-26		500	32	3	330	425	370	12-30	
300	550	28	4	370/375	445	400	12-22		550	32	4	370/375	460	410	12-26		550	34	4	389	485	430	16-30	
350	575	30	4	430/435	505	460	16-22		575	36	4	430/435	520	470	16-26		575	38	4	448	555	490	16-33	
400	600	32	4	482/485	565	515	16-22		600	38	4	482/485	580	525	16-30		600	40	4	503	620	550	16-36	
500	700	34	4	585/608	670	620	20-26		700	40	4	585/608	715	650	20-33		700	44	4	609	730	660	20-36	