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Pneumatic butterfly valve

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Datasheet

Pneumatic central-line butterfly valve



Parameters

Mainparts	Material	Valve size	Mainparts	Material	Valve size
Valve body	Ductile iron	50mm-450mm	Valve steam	Stainless steel	50mm-450mm
	Cast iron	50mm~450mm			50mm-450mm
	Cast steel	50mm-450mm		45#carbonsteel	50mm-450mm
	Stainless steel	50mm~450mm			50mm-450mm
Valve body	Stainless steel CF8	50mm~450mm	Valve seat	EPDM	50mm-450mm
	Stainless steel CF8M	50mm-450mm		NBR	50mm-450mm
	Ductile iron withnickel coated	50mm-450mm		PTFE	50mm-450mm
	Ductile iron withnyion coated	50mm-450mm		Viton	50mm-450mm
	Aluminum bronze	50mm-450mm		SEP	50mm-450mm

SIZE	Item	Φn	L1	L2	H1	H2	D1	D2
mm								
DN50	HAT-63D	20	42	32	70	125	125	96.5
DN65	HAT-63D	20	45	47	80	145	145	110
DN80	HAT-75D	20	45	65	92	160	160	124
DN100	HAT-92D	20	52	91	107	180	180	158
DN125	HAT-92D	20	55	112	121	210	210	187
DN150	HAT-105D	23	56	146	134	240	240	214

DN200	HAT-125D	23	61	194	170	295	295	266
DN250	HAT-140D	23	66	242	208	355	355	325
DN300	HAT-190D	23	77	292	240	410	410	380
DN350	HAT-210D	26	77	325	265	470	470	422
DN400	HAT-240D	30	102	380	297	525	525	473
DN450	HAT-270D	30	114	428	331	585	585	526
DN500	HAT-270D	32	130.3	474	361	650	650	577

Datasheet

Pneumatic butterfly valve(flange type)



Parameters					
Mainparts	Material	Valve size	Mainparts	Material	Valve size
Valve body	Ductile iron	50mm-450mm	Valve steam	Stainless steel	50mm-450mm
	Cast iron	50mm~450mm			50mm-450mm
	Cast steel	50mm-450mm		45#carbonsteel	50mm-450mm
	Stainless steel	50mm~450mm			50mm-450mm
Valve body	Stainless steel CF8	50mm~450mm	Valve seat	EPDM	50mm-450mm
	Stainless steel CF8M	50mm-450mm		NBR	50mm-450mm
	Ductile iron withnickel coated	50mm-450mm		PTFE	50mm-450mm
	Ductile iron withnyion coated	50mm-450mm		Viton	50mm-450mm
	Aluminum bronze	50mm-450mm		SEP	50mm-450mm

SIZE	Item	Φn	L1	L2	H1	H2	D1	D2
mm								
DN50	HAT-63D	20	42	32	70	125	125	96.5
DN65	HAT-63D	20	45	47	80	145	145	110
DN80	HAT-75D	20	45	65	92	160	160	124
DN100	HAT-92D	20	52	91	107	180	180	158
DN125	HAT-92D	20	55	112	121	210	210	187
DN150	HAT-105D	23	56	146	134	240	240	214

DN200	HAT-125D	23	61	194	170	295	295	266
DN250	HAT-140D	23	66	242	208	355	355	325
DN300	HAT-190D	23	77	292	240	410	410	380
DN350	HAT-210D	26	77	325	265	470	470	422
DN400	HAT-240D	30	102	380	297	525	525	473
DN450	HAT-270D	30	114	428	331	585	585	526
DN500	HAT-270D	32	130.3	474	361	650	650	577

Datasheet

Pneumatic butterfly valve with Metal Seal (Wafer Type)

Applications

- Water
- Steam
- Oils
- Nitrose
- Acetic acid



Parameters

Nominal diameter DN(mm)		DN50-DN600		
Nominal pressure		PN1.0MPa	PN1.6MPa	
Nominal pressure	Strength test	PN1.5MPa	PN2.4MPa	
	Seal test	PN1.1MPa	PN1.76MPa	
Materials/code name		C	P	R
Main Parts	Valve Body	WCB	304	316
	Valve Disc	WCB	304	316
	Valve Stem	WCB, Stainless Steel		
	O-ring	PTFE, stainless steel		
	Packing	PTFE, flexible graphite		
Applicable Operating Condition	Applicable medium	Water, steam, oils	nitrose	acetic acid
	Applicable temperature	WCB: -29° C ~ 425° C Stainless steel: -40° C ~ 600° C		

SIZE (mm)	Item	L	D	D1	Z-Ød	b	H	C
DN50	HAT-100D	108	165	125	4-Ø18	20	402.5	274
DN65	HAT-100D	112	185	145	4-Ø18	20	427.5	274

DN80	HAT-105D	114	200	160	8-Ø18	20	475	315
DN100	HAT-125D	127	220	180	8-Ø18	22	546.5	355
DN125	HAT-125D	140	250	210	8-Ø18	22	621.5	355
DN150	HAT-145D	140	285	240	8-Ø22	24	671	417
DN200	HAT-160D	152	340	295	12-Ø22	24	797	452
DN250	HAT-210D	165	405	355	12-Ø26	26	908.5	585
DN300	HAT-240D	178	460	410	12-Ø26	28	1081	671
DN350	HAT-270D	190	520	470	16-Ø26	30	1216.5	723

Datasheet

Pneumatic butterfly valve with Metal Seal (flange Type)

Applications

- Water
- Steam
- Oils
- Nitrose
- Acetic acid



Parameters

Nominal diameter DN(mm)		DN50-DN600		
Nominal pressure		PN1.0MPa	PN1.6MPa	
Nominal pressure	Strength test	PN1.5MPa	PN2.4MPa	PN2.4MPa
	Seal test	PN1.1MPa	PN1.76MPa	
Materials/code name		C	P	R
Main Parts	Valve Body	WCB	304	316
	Valve Disc	WCB	304	316
	Valve Stem	WCB, Stainless Steel		
	O-ring	PTFE, stainless steel		
	Packing	PTFE, flexible graphite		
Applicable Operating Condition	Applicable medium	Water, steam, oils	nitrose	acetic acid
	Applicable temperature	WCB: -29° C ~ 425° C Stainless steel: -40° C ~ 600° C		

SIZE (mm)	Item	L	D	D1	Z-Ød	b	H	C
DN50	HAT-100D	108	165	125	4-Ø18	20	402.5	274
DN65	HAT-100D	112	185	145	4-Ø18	20	427.5	274

DN80	HAT-105D	114	200	160	8-Ø18	20	475	315
DN100	HAT-125D	127	220	180	8-Ø18	22	546.5	355
DN125	HAT-125D	140	250	210	8-Ø18	22	621.5	355
DN150	HAT-145D	140	285	240	8-Ø22	24	671	417
DN200	HAT-160D	152	340	295	12-Ø22	24	797	452
DN250	HAT-210D	165	405	355	12-Ø26	26	908.5	585
DN300	HAT-240D	178	460	410	12-Ø26	28	1081	671
DN350	HAT-270D	190	520	470	16-Ø26	30	1216.5	723

Datasheet

Pneumatic PVC butterfly valve

Parameters	
Air supply	4 - 6bar (with hand wheel)
Nominal diameter DN(mm)	50 - 300mm
Nominal pressure	1.0 - 1.6Mpa
Suitable temperature	0 - +60℃
End connection	wafer
Valve structure	Type A
Valve body material	UPVC、CPVC、PP
Spool material	UPVC、CPVC、PP、PTFE
Seal material	FPM、EPDM、NBR
Applicable medium	Chemical solvent
Optional accessories	Limit switch, positioner, solenoid valve

SIZE	Item	L	ØD	ØD1	Z - Ød	H	H1	F
DN50	HAT - 63D	168	Ø160	Ø121	4 - Ø23	290	85	37
DN65	HAT - 63D	168	Ø180	Ø140	4 - Ø22	310	95	39
DN80	HAT - 75D	219	Ø197	Ø155	8 - Ø24	351.5	110.5	42
DN100	HAT - 90D	249	Ø227	Ø182	8 - Ø27	405	136.5	48
DN125	HAT - 100D	274	Ø262	Ø211	8 - Ø28	457.5	159	58
DN150	HAT - 125D	315	Ø286	Ø239	8 - Ø25	506	173	62
DN200	HAT - 125D	355	Ø342	Ø291	8 - Ø30	593.5	216	80
DN250	HAT - 145D	417	Ø410	Ø350	12 - Ø30	681	245	90
DN300	HAT - 190D	540	Ø465	Ø400	12 - Ø33	796	277.5	95