



Swing type check valves material app temperature bound

Material	Medium Temperature	Material	Medium Temperature
RPP	-14°C ~ +100°C	PVDF	-40°C ~ +140°C
(CPVC), ABS	-20°C ~ +80°C	CPVC	-20°C ~ +95°C

Part material list

NO.	Name	Material	NO.	Name	Material
1	Body	RPP,PVDF,PPH,ABS,UPVC,CPVC	9	Nut	RPP,PVDF,PPH,ABS,UPVC,CPVC
2	Bonnet	RPP,PVDF,PPH,ABS,UPVC,CPVC	10	Packing	RPP,PVDF,PPH,ABS,UPVC,CPVC
3	Moving Board	RPP,PVDF,PPH,ABS,UPVC,CPVC	11	Nut	Stainless Steel,Steel
4	Sealing Ring Tray	RPP,PVDF,PPH,ABS,UPVC,CPVC	12	Packing	Stainless Steel,Steel
5	Swing axle	RPP,PVDF,PPH,ABS,UPVC,CPVC	13	Packing	PTFE(RPP,PVDF)
6	Compression Sealing	PTFE	14	Nut	RPP,PVDF,PPH,ABS,UPVC,CPVC
7	Back Seal	PTFE (RPP,PVDF)	15	Fixed Screw	RPP,PVDF,PPH,ABS,UPVC,CPVC
8	Idm	RPP,PVDF,PPH,ABS,UPVC,CPVC	16	Pin	RPP,PVDF,PPH,ABS,UPVC,CPVC

swing type check valve specs dimension list

DN (mm)	D1			D2			n-φ			L		b		Operating Pressure (Mpa)				
	JIS	DIN	ANSI	JIS	DIN	ANSI	JIS	DIN	mm ANSI	JIS/DIN	ANSI	JIS/DIN	ANSI	RPP	PVDF	CPVC	UPVC	
20(3/4)	75	75	70	105			4-15	4-14	4	0.63	140	5.51	15	0.59	0.6	0.7	0.6	0.7
25 (1)	90	85	80	115			4-19	4-14	4	0.63	160	6.30	16	0.63	0.6	0.7	0.6	0.7
40(1 1/2)	105	110	100	150			4-19	4-18	4	0.63	180	7.09	18	0.71	0.6	0.7	0.6	0.7
50 (2)	120	125	120	165			4-19	4-18	4	0.75	200	7.87	21	0.82	0.6	0.7	0.6	0.7
65(2 1/2)	140	145	140	185			4-19	4-18	4	0.75	240	9.45	23	0.90	0.6	0.7	0.6	0.7
80 (3)	150	160	152	200			8-19	8-18	4	0.75	260	10.24	25	0.98	0.6	0.7	0.6	0.7
100 (4)	175	180	190	220			8-19	8-18	8	0.75	300	11.81	26	1.02	0.5	0.5	0.6	0.7
125 (5)	210	210	216	250			8-23	8-18	8	0.87	350	13.78	27	1.06	0.5	0.5	0.6	0.7
150 (6)	240	240	240	280			8-23	8-23	8	0.87	400	15.75	27	1.06	0.4	0.5	0.6	0.7
200 (8)	290	295	298	340			12-23	8-23	8	0.87	500	19.69	34	1.34	0.4	0.5	0.6	0.7
250 (10")	355	350	362	395			12-23	12-23	12		600		38		0.4	0.5	0.6	

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