

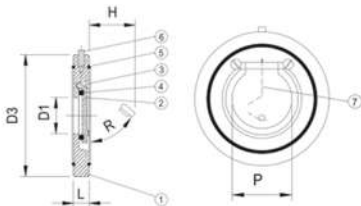
WAFLER CHECK VALVE



(W/O Spring)
JT 300



(W/ Spring)
JT 300S



JT Series

SIZE: DN40 ~ DN600

Applications:

- Water and waste water treatment
- Chemical Industrial
- Environmental Industrial
- Process Industrial
- Systems engineering

Features:

- Require little space in piping system
- Economical - Simple and durable construction
- Easy Installation - Wafer Body to slip between standard flanges
- Light Weight
- Chemical Resistant
- No corrosion

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC, PP, CPVC, PVDF	5	Packing	2	EPDM, VITON
2	Flapper	1	UPVC, PP, CPVC, PVDF	6	Installation device	1	SUS304, SUS316
3	Flapper mounting screw	2	PP, PVDF	7	Spring	1	SUS304, SUS316
4	O-ring	1	EPDM, VITON				

DIMENSIONS TABLE

Nom. Size DN (inch)	JIS				ANSI				DIN				Test press (kgf/cm ²) (bar)	Work press (kgf/cm ²) (bar)	Mini Back Pressure Rate psi				
	D1	D3	P	L	H	D1	D3	P	L	H	D1	D3				P	L	H	
40(1-1/2")	23	86	35	16	25	0.89	3.25	1.38	0.63	0.99	23	92	35	16	25	15	10	0.2	0.3
50(2")	32	101	47	20	46	1.26	4.80	1.85	0.79	1.80	32	107	47	20	46	15	10	0.2	0.3
65(2-1/2")	40	121	57	20	51	1.57	4.75	2.24	0.79	2.00	40	127	57	20	51	15	10	0.2	0.3
80(3")	54	131	72	20	74	2.13	5.25	2.83	0.79	2.90	54	142	72	20	74	15	10	0.25	0.3
100(4")	70	156	90	22	91	2.76	6.75	3.54	0.87	3.60	70	162	90	22	91	15	10	0.25	0.3
125(5")	92	187	114	22	96	3.64	7.63	4.48	0.87	3.77	92	187	114	22	96	15	10	0.25	0.3
150(6")	112	217	134	26	147	4.40	8.63	5.27	1.02	5.80	112	217	134	26	147	15	10	0.25	0.3
200(8")	150	267	179	35	191	5.90	10.88	7.04	1.38	7.50	150	272	179	35	191	10	7	0.3	0.3
250(10")	190	330	226	40	229	7.48	13.27	8.89	1.57	9.00	190	327	226	40	229	9	6	0.3	0.3
300(12")	218	375	264	45	259	8.62	16.01	10.39	1.77	10.20	216	375	264	45	259	9	6	0.3	0.3
350(14")	268	420	311	49	245	10.47	17.61	12.24	1.93	9.64	266	430	311	49	245	9	6	0.5	0.5
400(16")	310	483	354	65	285	12.20	20.11	13.83	2.56	11.22	310	488	354	65	285	7	5	0.7	0.8
450(18")	350	538	396	68	330	13.78	21.49	15.89	2.67	13.00	350	538	396	68	330	5	3.5	1.0	0.8
500(20")	400	593	437	78	365	15.75	23.74	17.2	3.07	15.15	400	593	437	78	365	5	3.5	1.1	1.0

The dimension table is calculated based on PVC material.
 The valve of test pressure is calculated based on PVC PVDF materials.
 The valve of test pressure for PP material is 70% based on the table.
 The flanged length tolerance is according to EN558-1:1995.