



standard features

- **Description** REGULAR TYPE OR FULL OPENING
BOLTED COVER
LAPPED DISC AND SEAT
WALL THICKNESS TO API 600
RENEWABLE SEAT
- **Design** BS 1868
API 6D
ASME B16.34
- **Face to face** ASME B16.10
- **Flanges** ASME B16.5 FOR 2" TO 24"
ASME B16.47 FOR 26"
BW ENDS TO ASME B16.25
- **Testing** API 598
API 6D
BS 6755
- **Rating** ASME B16.34
- **Marking** MSS-SP 25
CE - PED
- **Certificates** EN 10204 – 3.1 B

PART NAME	W47x	L47x	M47x	C47x	B47x	E47x	D47x	F47x	H47x
1 Body	WCB	LCB	WC6	C5	C12	CF8	CF8C	CF8M	CF3M
2 Cover	WCB	LCB	WC6	C5	C12	CF8	CF8C	CF8M	CF3M
3 Seat ring surface	F6A (1)	F6A (1)	F6A (1)	F6A (1)	F6A (1)	F304 (1)	F321 (1)	F316 (1)	F316L (1)
4 Disc seat surface	F6A (2)	F6A (2)	F6A (2)	F6A (2)	F6A (2)	F304 (2)	F321 (2)	F316 (2)	F316L (2)
5 Hinge	A105 (3)	LF2 (3)	F316 (3)	F316 (3)	F316 (3)	F304 (3)	F321 (3)	F316 (3)	F316L (3)
6 Hinge pin	F6A	F6A	F6A	F6A	F6A	F316L	F321	F316	F316L
7 Plug	A105	F316	F316	F316	F316	F316	F316	F316	F316L
8 Washer	A105	F316	F316	F316	F316	F316	F316	F316	F316
9 Nuts	2H	G4	G4	G4	G4	G8	G8	G8	G8
10 Pin			← F316 →						
11 Bolts	B7	L7	B16	B16	B16	B8	B8	B8	B8
12 Nuts	2H	G4	G4	G4	G4	G8	G8	G8	G8
13 Gasket	ANSI 150-300-600-900-1500: S.S. spiral wound reinf. graphite / RTJ - ANSI 2500: RTJ (4)								

(1) On request: faced with Stellite® - Monel® - Hastelloy® - other materials
 (2) On request: faced with Stellite® - Monel® - Hastelloy® - other materials
 (3) On request: 17 Cr - Monel® - Hastelloy® - other materials

(4) On request: PTFE - other materials

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SWING CHECK VALVES

ASME 150 - 300 - 600 - 900 - 1500 - 2500

VALVOSIDER
MANUFACTURER OF VALVES

FIG. N. 470 - SWING CHECK VALVES ANSI 150

SIZE	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	32"	34"	36"	40"	42"	48"
L RF/BW	203	216	241	292	330	356	495	622	699	787	864	978	978	1295	1448	1524	—	—	1956	—	—	—
L RTJ	216	229	254	305	343	368	508	635	711	800	876	991	991	1308	—	—	—	—	—	—	—	—
D	152	178	191	229	254	279	343	406	483	533	597	635	699	813	927	984	1060	1111	1168	1289	1346	1511
H	150	180	195	220	230	270	330	350	400	440	490	550	620	740	800	840	900	960	1040	1150	1280	1350

FIG. N. 471 - SWING CHECK VALVES ANSI 300

SIZE	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	32"	34"	36"	40"	42"	48"
L RF/BW	267	292	318	356	400	445	533	622	711	838	864	978	1016	1346	1499	1594	—	—	2083	—	—	—
L RTJ	282	308	333	371	416	460	549	638	727	854	879	994	1035	1369	1524	1619	—	—	2111	—	—	—
D	165	191	210	254	279	318	381	445	521	584	648	711	775	914	1035	1092	1149	1207	1270	1238	1289	1467
H	150	180	200	225	270	300	355	390	445	495	530	610	660	750	—	—	—	—	—	—	—	—

FIG. N. 472 - SWING CHECK VALVES ANSI 600

SIZE	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	32"	34"	36"	40"	42"	48"
L RF/BW	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397	1549	1651	—	—	2083	—	—	—
L RTJ	295	333	359	435	511	562	663	790	841	892	994	1095	1200	1407	1560	1664	—	—	2099	—	—	—
D	165	191	210	273	330	356	419	508	559	603	686	743	813	940	1073	1130	1194	1245	1315	1321	—	—
H	194	211	230	292	306	368	408	468	516	564	666	740	838	—	—	—	—	—	—	—	—	—

FIG. N. 473 - SWING CHECK VALVES ANSI 900

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"
L RF/BW	368	381	457	610	737	838	965	1029	1130	1219	1321	1549	—
L RTJ	371	384	460	613	740	842	968	1038	1140	1232	1334	1568	—
D	216	241	292	381	470	546	610	641	705	787	857	1041	—
H	263	265	326	352	409	536	600	700	762	822	885	1000	—

FIG. N. 474 - SWING CHECK VALVES ANSI 1500

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"
L RF/BW	368	470	546	705	832	991	1130	1257	1384	1537	1664	1943	—
L RTJ	371	473	549	711	842	1000	1146	1276	1407	1559	1686	1972	—
D	216	267	311	394	483	584	673	749	826	914	984	1168	—
H	263	304	423	506	716	762	818	—	—	—	—	—	—

FIG. N. 475 - SWING CHECK VALVES ANSI 2500

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"
L RF/BW	451	578	673	914	1022	1270	1422	—	—	—	—	—	—
L RTJ	454	584	683	927	1038	1292	1445	—	—	—	—	—	—
D	235	305	356	483	552	673	762	—	—	—	—	—	—
H	—	—	—	—	—	—	—	—	—	—	—	—	—

- features on request*
- DISC WITH PTFE OR RUBBER
 - LEVER AND WEIGHT
 - SHOCK ABSORBER
 - LOCKING DEVICE
 - INTEGRAL SEAT
 - DRAIN PLUG
 - BY PASS
 - BW ENDS
 - RTJ FLANGES
 - DIN CONNECTIONS

All dimensions in mm (except where differently indicated)

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