



standard features

- **Description** BOLTED COVER
RETURN SPRING
- **Design** BS 1873
ASME B16.34
- **Face to face** ASME B16.10
- **Flanges** ASME B16.5
BW ENDS TO ASME B16.25
- **Testing** API 598
API 6D
EN 12266
- **Rating** ASME B16.34
- **Marking** MSS-SP 25
CE - PED
- **Certificates** EN 10204 – 3.1 / 3.2

PART NAME	W49xPC	L49xPC	M49xPC	C49xPC	B49xPC	E49xPC	D49xPC	F49xPC	H49xPC
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 Spring			← F316 →						
6 Bolts	B7	L7	B16	B16	B16	B8	B8	B8	B8
7 Nuts	2H	G7	G7	G7	G7	G8	G8	G8	G8
8 Gasket			← S.S. spiral wound reinf. graphite / RTJ (3) →						

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

FIG. N. 490PC - PISTON CHECK VALVES 'Y' TYPE ASME CLASS 150

SIZE	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---
L RF/BW	203	216	241	292	356	406	495	622	699	787	914	978	978	1295	---
L RTJ	216	219	254	305	368	419	508	635	711	800	927	991	991	1308	---
D	152	178	191	229	254	279	343	406	483	533	597	635	699	813	---
H	146	185	195	235	301	366	530	530	665	---	---	---	---	---	---

FIG. N. 491PC - PISTON CHECK VALVES 'Y' TYPE ASME CLASS 300

SIZE	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---
L RF/BW	267	292	318	356	400	445	559	622	711	838	864	978	1016	1346	---
L RTJ	282	308	333	371	416	460	575	638	727	854	879	994	1035	1368	---
D	165	191	210	254	279	318	381	445	521	584	648	711	775	914	---
H	145	190	223	235	300	330	365	570	740	---	---	---	---	---	---

FIG. N. 492PC - PISTON CHECK VALVES 'Y' TYPE ASME CLASS 600

SIZE	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---
L RF/BW	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397	---
L RTJ	295	333	359	435	511	562	663	790	841	892	994	1095	1200	1407	---
D	165	191	210	273	330	356	419	508	559	603	686	743	813	940	---
H	185	210	230	290	370	425	470	---	---	---	---	---	---	---	---

FIG. N. 493PC - PISTON CHECK V. 'Y' TYPE ASME CL.900

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"
L RF/BW	368	381	457	610	737	838	965	1029	1130
L RTJ	371	384	460	613	740	842	968	1038	1140
D	216	241	292	381	470	546	610	641	705
H	---	---	---	---	---	---	---	---	---

FIG. N. 494PC - PISTON CHECK V. 'Y' TYPE ASME CL.1500

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"
L RF/BW	368	470	546	705	832	991	1130	1257	1384
L RTJ	371	473	549	711	842	1000	1146	1276	1407
D	216	267	311	394	483	584	673	749	826
H	---	---	---	---	---	---	---	---	---

FIG. N. 495PC - PISTON CHECK V. 'Y' TYPE ASME CL.2500

SIZE	2"	3"	4"	6"	8"	10"	12"	---	---
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
- INTEGRAL SEAT
- DRAIN PLUG
- BY PASS
- BW ENDS
- RTJ FLANGES
- DIN CONNECTIONS

All dimensions in mm (except where differently indicated)

All data, subject to technical changes, are only for information and not for official use.