



*standard features*

- **Description** PRESSURE SEAL BONNET  
LAPPED DISC AND SEAT  
INTEGRAL SEAT
- **Design** MSS SP 144  
BS 1873  
B16.34
- **Face to face** ASME B16.10
- **Flanges** ASME B16.5  
BW ENDS TO ASME B16.25
- **Testing** API 598  
EN 12266
- **Rating** ASME B16.34
- **Marking** MSS-SP 25  
CE - PED
- **Certificates** EN 10204 – 3.1 / 3.2

PART NAME	WP7xT	IP7xT	MP7xT	WCP7xT	FP7xT
<b>1 Body</b>	WCB	WC1	WC6	WC9	CF8M
<b>2 Cover</b>	WCB	WC1	WC6	WC9	CF8M
<b>3 Seat (integral)</b>		← Stellite <sup>®</sup> (1) →			
<b>4 Disc - seat</b>	A105 + HF (2)	F6A + HF (2)	F6A + HF (2)	F6A + HF (2)	F316 + HF (2)
<b>5 Pin</b>	F6A	F6A	F6A	F6A	F316
<b>6 Plug (externally)</b>	A105	F6A	F6A	F6A	F316
<b>7 Retaining ring</b>	A105	F316	F316	F316	F316
<b>8 Segmental retaining ring</b>	F6A	F6A	F6A	F6A	F316
<b>9 Spacer ring</b>	F6A	F6A	F6A	F6A	F316
<b>10 Gasket</b>		← S.S. reinforced graphite (3) →			
<b>11 Bolt</b>	B7	B16	B16	B16	B8

(1) On request: faced with Monel<sup>®</sup> - Hastelloy<sup>®</sup> - other materials  
 (2) On request: faced with Stellite<sup>®</sup> - Monel<sup>®</sup> - Hastelloy<sup>®</sup> - other materials  
 (3) On request: Soft iron - Stainless steel

**FIG. N. P72T - TILTING DISC CHECK VALVES PRESSURE SEAL ASME CLASS 600**

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---	---	---
L RF	292	356	432	559	660	787	838	889	991	1092	1194	1397	---	---	---
L RTJ	295	359	435	562	663	790	841	892	994	1095	1200	1407	---	---	---
L BW	178	254	305	457	584	711	813	889	991	1092	1194	1397	---	---	---
H	180	215	275	350	390	450	500	555	630	710	800	1000	---	---	---

**FIG. N. P73T - TILTING DISC CHECK VALVES PRESSURE SEAL ASME CLASS 900**

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---	---	---
L RF	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	---	---	---
L BW	216	305	356	508	660	787	914	991	1092	1143	1245	1397	---	---	---
H	245	250	310	390	510	580	620	680	740	800	850	1100	---	---	---

**FIG. N. P74T - TILTING DISC CHECK VALVES PRESSURE SEAL ASME CLASS 1500**

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---	---	---
L RF	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	---	---	---
L BW	216	305	406	559	711	864	991	1067	1194	1346	1473	1943	---	---	---
H	245	290	350	420	630	690	750	800	980	1100	1300	1550	---	---	---

**FIG. N. P75T - TILTING DISC CHECK VALVES PRESSURE SEAL ASME CLASS 2500**

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---	---	---
L RF	451	578	673	914	1022	1270	1422	---	---	---	---	---	---	---	---
L RTJ	454	584	683	927	1038	1292	1445	---	---	---	---	---	---	---	---
L BW	279	368	457	610	762	914	1041	---	---	---	---	---	---	---	---
H	245	300	380	430	650	720	780	---	---	---	---	---	---	---	---

*features on request*

- DISC WITH PTFE OR RUBBER
- LEVER AND WEIGHT
- SHOCK ABSORBER
- LOCKING DEVICE
- INTEGRAL SEAT
- DRAIN PLUG
- BY PASS
- FLANGED 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.