



*standard features*

- **Description** PRESSURE SEAL BONNET  
FULL BORE  
LAPPED DISC AND SEAT  
WELDED IN SEATS
- **Design** BS 1868 - API 594 'B'  
API 6D
- **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	WP7x	IP7x	MP7x	WCP7x	FP7x
1 Body	WCB	WC1	WC6	WC9	CF8M
2 Cover	WCB	WC1	WC6	WC9	CF8M
3 Seat (integral)		← Stellite® (1) →			
4 Disc - seat	A105 + HF (2)	F6A + HF (2)	F6A + HF (2)	F6A + HF (2)	F316 + HF (2)
5 Hinge	WCB	WC1	WC6	WC9	CF8M
6 Hinge pin	F6A	F6A	F6A	F6A	F316
7 Plug (externally)	A105	F316	F316	F316	F316
8 Washer	A105	F316	F316	F316	F316
9 Nut	2H	F316	F316	F316	F316
10 Pin	F316	F316	F316	F316	F316
11 Retaining ring	A105	F6A	F6A	F6A	F316
12 Segmental retaining ring	F6A	F6A	F6A	F6A	F316
13 Spacer ring	F6A	F6A	F6A	F6A	F316
14 Gasket		← S.S. reinforced graphite (3) →			
15 Bolt	B7	B16	B16	B16	B8

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

**FIG. N. P72 - SWING CHECK VALVES PRESSURE SEAL ASME CLASS 600**

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---	---	---
L RF/BW	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	---	---	---
H	180	215	275	350	390	450	500	555	630	710	800	1000	---	---	---

**FIG. N. P73 - SWING CHECK VALVES PRESSURE SEAL ASME CLASS 900**

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---	---	---
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	---	---	---
H	245	250	310	390	510	580	620	680	740	800	850	1100	---	---	---

**FIG. N. P74 - SWING CHECK VALVES PRESSURE SEAL ASME CLASS 1500**

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	---	---	---
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	---	---	---
H	245	290	350	420	630	690	750	800	980	1100	1300	1550	---	---	---

**FIG. N. P75 - SWING CHECK VALVES PRESSURE SEAL ASME CLASS 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	---	---	---	---	---	---	---	---
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.