



*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	WP8xPC	IP8xPC	MP8xPC	WCP8xPC	FP8xPC
<b>1 Body</b>	WCB	WC1	WC6	WC9	CF8M
<b>2 Cover</b>	WCB	WC1	WC6	WC9	CF8M
<b>3 Seat (integral)</b>		← Stellite® (1) →			
<b>4 Disc - seat</b>	A105 + HF (2)	F6A + HF (2)	F6A + HF (2)	F6A + HF (2)	A182 F316 + HF (2)
<b>5 Retaining ring</b>	A105	F6A	F6A	F6A	F316
<b>6 Segmental retaining ring</b>	F6A	F6A	F6A	F6A	F316
<b>7 Spacer ring</b>	F6A	F6A	F6A	F6A	F316
<b>8 Gasket</b>		← S.S. reinforced graphite (3) →			
<b>9 Bolt</b>	B7	B16	B16	B16	B8
<b>10 Spring</b>		← F316 →			

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

**FIG. N. P82PC - LIFT CHECK VALVES PRESSURE SEAL - 'Y' TYPE - ASME CLASS 600**

SIZE	2"	3"	4"	6"	8"	10"	12"	14"	16"	---	---	---	---	---	---
L RF/BW	292	356	432	559	660	787	838	889	991	---	---	---	---	---	---
L RTJ	295	359	435	562	663	790	841	892	994	---	---	---	---	---	---
H	253	308	363	495	572	660	770	880	990	---	---	---	---	---	---

**FIG. N. P83PC - LIFT CHECK VALVES PRESSURE SEAL - 'Y' TYPE - ASME CLASS 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	---	---	---	---	---	---
H	297	330	429	473	572	660	770	880	990	---	---	---	---	---	---

**FIG. N. P84PC - LIFT CHECK VALVES PRESSURE SEAL - 'Y' TYPE - ASME CLASS 1500**

SIZE	2"	3"	4"	6"	8"	10"	12"	---	---	---	---	---	---	---	---
L RF/BW	368	470	546	705	832	991	1130	---	---	---	---	---	---	---	---
L RTJ	371	473	549	711	842	1000	1146	---	---	---	---	---	---	---	---
H	297	341	440	484	583	682	792	---	---	---	---	---	---	---	---

**FIG. N. P85PC - LIFT CHECK VALVES PRESSURE SEAL - 'Y' TYPE - 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	297	341	440	484	583	682	792	---	---	---	---	---	---	---	---

*features on request*

- DISC WITH PTFE OR RUBBER
- INTEGRAL SEAT
- RENEWABLE 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.