



standard features

- **Description** FULL OPENING
BOLTED COVER
LAPPED DISC AND SEAT
RENEWABLE SEAT
- **Design** EN 12516
- **Face to face** EN 558
EN 1298L
- **Flanges** EN 1092
EN 12627
BW TO DIN 3239
- **Testing** EN 12267
- **Rating** EN 1092
- **Marking** EN 19
CE - PED
- **Certificates** EN 10204 - 3.1 / 3.2

| PART NAME | AP16xPC | FP16xPC |
|---------------------------|-------------------------------|-------------------------------|
| 1 Body | 1.0619 | 1.4408 |
| 2 Cover | 1.0619 | 1.4408 |
| 3 Ring - seat surface | 1.0460 + HF (1) | X2CrNiMo17-12-2 + HF (1) |
| 4 Disc - seat surfaces | 1.0619 + HF (2) | 1.4408 + HF (2) |
| 5 Retainer flange | 1.0460 | 1.4401 |
| 6 Segmented retainer ring | X20Cr13 | 1.4401 |
| 7 Spacer ring | X20Cr13 | 1.4401 |
| 8 Gasket | S. S. reinforced graphite (3) | S. S. reinforced graphite (3) |
| 9 Bolt | CK35 | A2-70 |
| 10 Spring | X5CrNiMo17-12-2 | X5CrNiMo17-12-2 |

- (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

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

FIG. P162PC - PRESSURE SEAL LIFT CHECK VALVES DIN PN 100 - F2

| SIZE | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| L BW | 300 | 340 | 380 | 430 | 500 | 550 | 650 | 775 | 900 | 1025 | 1150 | 1275 | 1600 |
| L RF | 300 | 340 | 380 | 430 | 500 | 550 | 650 | 775 | 900 | 1025 | 1150 | 1275 | 1600 |
| H | 230 | 260 | 280 | 330 | 360 | 450 | 520 | 600 | 700 | -- | -- | -- | -- |

FIG. P163PC - PRESSURE SEAL LIFT CHECK VALVES DIN PN 160 - F8

| SIZE | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|
| L BW | 300 | 360 | 390 | 450 | 525 | 600 | 750 | 900 | 1050 | 1200 | 1350 | 1650 | -- |
| L RF | 300 | 360 | 390 | 450 | 525 | 600 | 750 | 900 | 1050 | 1200 | 1350 | 1650 | -- |
| H | 270 | 285 | 300 | 390 | 410 | 430 | 520 | 60 | 700 | -- | -- | -- | -- |

FIG. P164PC - PRESSURE SEAL LIFT CHECK VALVES DIN PN 250 - F9

| SIZE | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|
| L BW | 350 | 425 | 470 | 550 | 650 | 750 | 950 | 1150 | 1350 | 1550 | 1750 | -- | -- |
| L RF | 350 | 425 | 470 | 550 | 650 | 750 | 950 | 1150 | 1350 | 1550 | 1750 | -- | -- |
| H | 270 | 290 | 310 | 400 | 420 | 440 | 530 | 620 | 720 | -- | -- | -- | -- |

FIG. P165PC - PRESSURE SEAL LIFT CHECK VALVES DIN PN 320 - F9

| SIZE | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|
| L BW | 350 | 425 | 470 | 550 | 650 | 750 | 950 | 1150 | 1350 | 1550 | 1750 | -- | -- |
| L RF | 350 | 425 | 470 | 550 | 650 | 750 | 950 | 1150 | 1350 | 1550 | 1750 | -- | -- |
| H | 270 | 290 | 310 | 400 | 420 | 440 | 530 | 620 | 720 | -- | -- | -- | -- |

FIG. P166PC - PRESSURE SEAL LIFT CHECK VALVES DIN PN 420 - F9

| SIZE | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|
| L BW | 350 | 425 | 470 | 550 | 650 | 750 | 950 | 1150 | 1350 | 1550 | 1750 | -- | -- |
| L RF | 350 | 425 | 470 | 550 | 650 | 750 | 950 | 1150 | 1350 | 1550 | 1750 | -- | -- |
| H | 270 | 290 | 310 | 400 | 420 | 440 | 530 | 620 | 720 | -- | -- | -- | -- |

features on request

- DISC WITH PTFE OR RUBBER
- INTEGRAL SEAT
- BY-PASS
- DRAIN PLUG
- FLANGED ENDS
- RTJ FLANGES
- ANSI CONNECTIONS

All dimensions in mm (except where differently indicated)

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