



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 | A1411-A1441-A1560AR-A1570AR | F1411-F1441-F1560AR-F1570AR |
|----------------------------|-------------------------------|-------------------------------|
| 1 Body | 1.0619 (A) | 1.4408 |
| 2 Cover | 1.0619 (B) | 1.4408 |
| 3 Seat ring surface | X20Cr13 (1) | X5CrNiMo17-12-2 (1) |
| 4 Disc seat surface | X20Cr13 (2) | X5CrNiMo17-12-2 (2) |
| 5 Spring | X5CrNiMo17-12-2 | X5CrNiMo17-12-2 |
| 6 Bolts | CK35 | A2-70 |
| 7 Nuts | C35 | A2-70 |
| 8 Gasket | S. S. reinforced graphite (3) | S. S. reinforced graphite (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

- (A) For PN ≤ 40 and DN ≤ 50 = 1.0460
 For PN ≥ 63 and DN ≤ 25 = 1.0460
 (B) For PN ≤ 40 and DN ≤ 80 = 1.0460
 For PN ≥ 63 and DN ≤ 40 = 1.0460

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

FIG. 1411 - PISTON CHECK VALVES - 90° ANGLE - DIN PN 16 - CAST IRON - F32

| SIZE DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
|---------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L RF | 90 | 95 | 100 | 105 | 115 | 125 | 145 | 155 | 175 | 200 | 225 | 250 | 275 | 325 | 375 | 425 | 475 | 500 | 575 | 675 |
| D | 95 | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 315 | 340 | 405 | 460 | 520 | 580 | 640 | 715 | 840 |
| H | 70 | 80 | 85 | 100 | 110 | 115 | 130 | 145 | 165 | 185 | 205 | 235 | 250 | 300 | 360 | 410 | 460 | 520 | 570 | -- |

FIG.1441 - PISTON CHECK VALVES - 90° ANGLE - DIN PN 25 / 40 - F32

| SIZE DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
|----------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L RF/BW | 90 | 95 | 100 | 105 | 115 | 125 | 145 | 155 | 175 | 200 | 225 | 250 | 275 | 325 | 375 | 425 | 475 | 500 | 575 | 675 |
| D - PN25 | 95 | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 235 | 270 | 300 | 330 | 360 | 425 | 485 | 555 | 620 | 670 | 730 | 845 |
| D - PN40 | 95 | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 235 | 270 | 300 | 350 | 375 | 450 | 515 | 580 | 660 | 685 | 755 | 890 |
| H | 70 | 80 | 85 | 100 | 110 | 125 | 145 | 160 | 190 | 220 | 250 | 295 | 320 | 385 | 450 | 510 | 585 | 610 | 670 | -- |

FIG. 1560AR - PISTON CHECK VALVES - 90° ANGLE - DIN PN 63 - F33

| SIZE DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | -- |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| L RF/BW | 105 | 105 | 115 | 130 | 130 | 150 | 170 | 190 | 215 | 250 | 275 | 300 | 325 | 390 | 450 | 515 | 575 | 700 | -- | -- |
| D | 105 | 130 | 140 | 155 | 170 | 180 | 205 | 215 | 250 | 295 | 345 | 375 | 415 | 470 | 530 | 600 | 670 | 800 | -- | -- |
| H | 105 | 120 | 120 | 135 | 150 | 160 | 180 | 200 | 230 | 280 | 310 | 340 | 390 | 430 | 500 | -- | -- | -- | -- | -- |

FIG. 1570AR - PISTON CHECK VALVES - 90° ANGLE - DIN PN 100 - F33

| SIZE DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | -- | -- | -- | -- | -- |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|
| L RF/BW | 105 | 105 | 115 | 130 | 130 | 150 | 170 | 190 | 215 | 250 | 275 | 300 | 325 | 390 | 450 | -- | -- | -- | -- | -- |
| D | 105 | 130 | 140 | 155 | 170 | 195 | 220 | 230 | 265 | 315 | 355 | 385 | 430 | 505 | 585 | -- | -- | -- | -- | -- |
| H | 105 | 120 | 120 | 135 | 150 | 170 | 200 | 220 | 250 | 300 | 350 | 380 | 410 | 480 | 570 | -- | -- | -- | -- | -- |

features on request

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

All dimensions in mm (except where differently indicated)

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