

ARI-FABA flow diagrams see technical annex

Leakage rate according to DIN 3230-3 (leakage rate 1)
Alternative description DIN 3356,,valves"

Flanges according to DIN 2533 / 2544 / 2545
Butt weld ends according to DIN 3239

CE-marking for applications acc. To Pressure Equipment Directive on request (identification obligation from >= DN 32)

| Pressure temperature classification | | | | | | | | | | |
|-------------------------------------|----|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Material | PN | Temperature | | | | | | | | |
| | | -60°C till <-10°C* | -10°C | 120°C | 200°C | 250°C | 300°C | 350°C | 400°C | 450°C |
| GG-25 | 16 | - | 16 bar | 16 bar | 13 bar | 11 bar | 10 bar | - | - | - |
| GGG-40,3 | 16 | - | 16 bar | 16 bar | 13 bar | 13 bar | 13 bar | 10 bar | - | - |
| GGG-40,3 | 25 | - | 25 bar | 25 bar | 20 bar | 18 bar | 16 bar | 15 bar | - | - |
| 1,0619+N / C 22,8 | 25 | 12,5 bar | 25 bar | 25 bar | 22 bar | 20 bar | 17 bar | 16 bar | 13 bar | 10 bar |
| 1,0619+N / C 22,8 | 40 | 20 bar | 40 bar | 40 bar | 35 bar | 32 bar | 28 bar | 24 bar | 21 bar | 18 bar |

*Studs and nuts made of A4-70

| Standard-flange dimensions | | | | | | | | | | | | |
|----------------------------|------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|
| DN | PN 6 | | | PN 16 | | | PN 25 | | | PN 40 | | |
| | øD | Øk | nxød1 | øD | Øk | nxød1 | øD | Øk | nxød1 | øD | Øk | nxød1 |
| 15 | 80 | 55 | 4X11 | 95 | 65 | 4X14 | 95 | 65 | 4X14 | 95 | 65 | 4X14 |
| 20 | 90 | 65 | 4X11 | 105 | 75 | 4X14 | 105 | 75 | 4X14 | 105 | 75 | 4X14 |
| 25 | 100 | 75 | 4X11 | 115 | 85 | 4X14 | 115 | 85 | 4X14 | 115 | 85 | 4X14 |
| 32 | 120 | 90 | 4X14 | 140 | 100 | 4X18 | 140 | 100 | 4X18 | 140 | 100 | 4X18 |
| 40 | 130 | 100 | 4X14 | 150 | 110 | 4X18 | 150 | 110 | 4X18 | 150 | 110 | 4X18 |
| 50 | 140 | 110 | 4X14 | 165 | 125 | 4X18 | 165 | 125 | 4X18 | 165 | 125 | 4X18 |
| 65 | 160 | 130 | 4X14 | 185 | 145 | 4X18 | 185 | 145 | 8X18 | 185 | 145 | 8X18 |
| 80 | 190 | 150 | 4X18 | 200 | 160 | 8X18 | 200 | 160 | 8X18 | 200 | 160 | 8X18 |
| 100 | 210 | 170 | 4X18 | 220 | 180 | 8X18 | 235 | 190 | 8X22 | 235 | 190 | 8X22 |
| 125 | 240 | 200 | 8X18 | 250 | 210 | 8X18 | 270 | 220 | 8X26 | 270 | 220 | 8X26 |
| 150 | 265 | 225 | 8X18 | 285 | 240 | 8X22 | 300 | 250 | 8X26 | 300 | 250 | 8X26 |
| 200 | 320 | 280 | 8X18 | 340 | 295 | 12X22 | 360 | 310 | 12X26 | 375 | 320 | 12X30 |
| 250 | - | - | - | 405 | 355 | 12X26 | 425 | 370 | 12X30 | 450 | 385 | 12X33 |
| 300 | - | - | - | 460 | 410 | 12X26 | 485 | 430 | 16X30 | 515 | 450 | 16X33 |
| 350 | - | - | - | 520 | 470 | 16X26 | 555 | 490 | 16X33 | 580 | 510 | 16X36 |
| 400 | - | - | - | 580 | 525 | 16X30 | 620 | 550 | 16X36 | 660 | 585 | 16X39 |
| 500 | - | - | - | 715 | 650 | 20X33 | 730 | 660 | 20X36 | 755 | 670 | 20X42 |

Please indicate when ordering:

1. Figure-No.
2. Nominal pressure (PN)
3. Nominal diameter (DN)
4. Special design/accessories

Example:

Figure 35.046; nominal pressure PN 40; nominal diameter DN 100.

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| Dimension in mm Weights in kg $1 \text{ bar} \approx 10^5 \text{ Pa} \approx 0.1 \text{ Mpa}$ Kvs in m ³ /h $1 \text{ Kvs} \approx 0.85 \text{ Cv}$ |
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