

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.

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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