

附加说明书

符合 DIN - EN - ASME - JIS - GOST 的法兰

技术参数



Document ID: 31088



VEGA

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1 产品说明

1.1 规定

所述法兰是带有密封条的螺纹法兰，可以交付带 G1 或 G1½ 内螺纹 (ISO 228 T1) 的法兰。

本补充说明书中的信息是指由316/316L材料制成的法兰。材料316对应于1.4401，材料316L对应于1.4404。其他材料请垂询。

所有距离值以毫米为单位。

提供多种不同型式的法兰，其应用的标准如下：

DIN: 德国标准所 (DIN 2501)

EN: 欧洲标准 (EN 1092-1)

ASME: American Society of Mechanical Engineers (ASME B 16.5)

JIS: Japanese Industrial Standard (B 2210-1984)

GOST: 俄罗斯联邦技术法规和计量机构的强制认证 (12821-80)

2 尺寸

2.1 DIN 法兰 (DIN 2501)

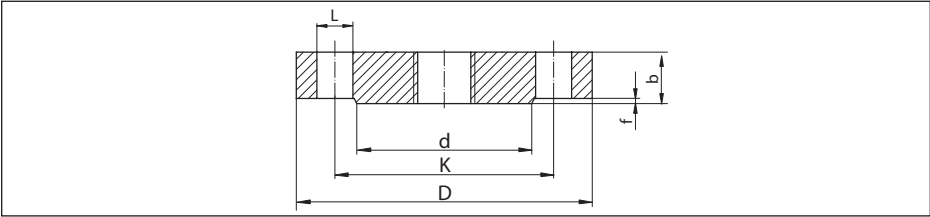


插图. 1: 尺寸: DIN 法兰 DIN 2501 (密封条 DIN 2526 C 型)

- L 孔径 (孔数)
- d 密封条的直径
- K 孔圆直径
- D 法兰直径
- b 法兰的总厚度
- f 密封条高度

PN 10

DN	D	b	K	d	f	L	~ kg
25 (0.984)	115 (4.528)	16 (0.63)	85 (3.347)	68 (2.677)	2 (0.079)	4 x ø 14 (0.551)	1.23 (2.712)
32 (1.26)	140 (5.512)	16 (0.63)	100 (3.937)	78 (3.071)	2 (0.079)	4 x ø 18 (0.709)	1.8 (3.968)
40 (1.575)	150 (5.906)	16 (0.63)	110 (4.331)	88 (3.465)	3 (0.118)	4 x ø 18 (0.709)	2.09 (4.608)
50 (1.969)	165 (6.496)	18 (0.709)	125 (4.921)	102 (4.016)	3 (0.118)	4 x ø 18 (0.709)	2.88 (6.349)
65 (2.56)	185 (7.284)	18 (0.709)	145 (5.709)	122 (4.803)	3 (0.118)	4 x ø 18 (0.709)	3.66 (8.069)
80 (3.15)	200 (7.874)	20 (0.787)	160 (6.3)	138 (5.433)	3 (0.118)	8 x ø 18 (0.709)	4.83 (10.65)
100 (3.937)	220 (8.661)	20 (0.787)	180 (7.087)	158 (6.221)	3 (0.118)	8 x ø 18 (0.709)	5.75 (12.68)
125 (4.921)	250 (9.843)	22 (0.866)	210 (8.268)	188 (7.402)	3 (0.118)	8 x ø 18 (0.709)	8.59 (18.94)
150 (5.906)	285 (11.22)	22 (0.866)	240 (9.449)	212 (8.347)	3 (0.118)	8 x ø 22 (0.866)	10.6 (23.37)
175 (6.89)	316 (12.44)	24 (0.945)	270 (10.63)	242 (9.528)	3 (0.118)	8 x ø 22 (0.866)	14.3 (31.53)
200 (7.874)	340 (13.39)	24 (0.945)	295 (11.61)	268 (10.55)	3 (0.118)	8 x ø 22 (0.866)	16.9 (37.26)
250 (9.843)	395 (15.55)	26 (1.024)	350 (13.78)	320 (12.6)	3 (0.118)	12 x ø 22 (0.866)	24.7 (54.45)
300 (11.81)	445 (17.52)	26 (1.024)	400 (15.75)	370 (14.57)	4 (0.158)	12 x ø 22 (0.866)	31.9 (70.33)

Tab. 1: 尺寸: DIN 法兰 PN 10。所有间距值均以毫米 (in) 为单位。

PN 16

DN	D	b	K	d	f	L	~ kg
25 (0.984)	115 (4.528)	16 (0.63)	85 (3.346)	68 (2.677)	2 (0.079)	4 x ø 14 (0.551)	1.23 (2.712)
32 (1.26)	140 (5.512)	16 (0.63)	100 (3.937)	78 (3.071)	2 (0.079)	4 x ø 18 (0.709)	1.8 (3.968)
40 (1.575)	150 (5.906)	16 (0.63)	110 (4.331)	88 (3.465)	3 (0.118)	4 x ø 18 (0.709)	2.09 (4.608)
50 (1.969)	165 (6.496)	18 (0.709)	125 (4.921)	102 (4.016)	3 (0.118)	4 x ø 18 (0.709)	2.88 (6.349)
65 (2.559)	185 (7.283)	18 (0.709)	145 (5.709)	122 (4.803)	3 (0.118)	4 x ø 18 (0.709)	3.66 (8.069)
80 (3.15)	200 (7.874)	20 (0.787)	160 (6.299)	138 (5.433)	3 (0.118)	8 x ø 18 (0.709)	4.83 (10.65)
100 (3.937)	220 (8.661)	20 (0.787)	180 (7.087)	158 (6.220)	3 (0.118)	8 x ø 18 (0.709)	5.75 (12.68)
125 (4.921)	250 (9.843)	22 (0.866)	210 (8.268)	188 (7.402)	3 (0.118)	8 x ø 18 (0.709)	8.59 (18.94)
150 (5.906)	285 (11.22)	22 (0.866)	240 (9.449)	212 (8.346)	3 (0.118)	8 x ø 22 (0.866)	10.6 (23.37)
175 (6.89)	316 (12.44)	24 (0.945)	270 (10.63)	242 (9.528)	3 (0.118)	8 x ø 22 (0.866)	14.3 (31.53)
200 (7.874)	340 (13.39)	24 (0.945)	295 (11.61)	268 (10.55)	3 (0.118)	12 x ø 22 (0.866)	16.5 (36.38)
250 (9.843)	405 (15.95)	26 (1.024)	355 (13.98)	320 (12.6)	3 (0.118)	12 x ø 26 (1.024)	25.6 (56.44)
300 (11.81)	460 (18.11)	28 (1.102)	410 (16.14)	378 (14.88)	4 (0.157)	12 x ø 26 (1.024)	36.1 (79.59)

Tab. 2: 尺寸: DIN 法兰 PN 16。所有间距值均以毫米 (in) 为单位。

PN 25

DN	D	b	K	d	f	L	~ kg
25 (0.984)	115 (4.528)	18 (0.709)	85 (3.346)	68 (2.677)	2 (0.079)	4 x ø 14 (0.551)	1.38 (3.042)
32 (1.26)	140 (5.512)	18 (0.709)	100 (3.937)	78 (3.071)	2 (0.079)	4 x ø 18 (0.709)	2.03 (4.475)
40 (1.575)	150 (5.906)	18 (0.709)	110 (4.331)	88 (3.465)	3 (0.118)	4 x ø 18 (0.709)	2.35 (5.101)
50 (1.969)	165 (6.496)	20 (0.787)	125 (4.921)	102 (4.016)	3 (0.118)	4 x ø 18 (0.709)	3.2 (7.055)
65 (2.56)	185 (7.283)	22 (0.866)	145 (5.709)	122 (4.803)	3 (0.118)	8 x ø 18 (0.709)	4.33 (9.546)
80 (3.15)	200 (7.874)	24 (0.945)	160 (6.3)	138 (5.433)	3 (0.118)	8 x ø 18 (0.709)	5.94 (13.1)
100 (3.937)	235 (9.252)	24 (0.945)	190 (7.48)	162 (6.378)	3 (0.118)	8 x ø 22 (0.866)	7.64 (16.84)

DN	D	b	K	d	f	L	~ kg
125 (4.921)	270 (10.63)	26 (1.024)	220 (8.661)	188 (7.402)	3 (0.118)	8 x ø 26 (1.024)	11 (24.25)
150 (5.906)	300 (11.81)	28 (1.102)	250 (9.843)	218 (8.583)	3 (0.118)	8 x ø 26 (1.024)	14.7 (32.41)
175 (6.89)	330 (12.99)	28 (1.102)	280 (11.02)	248 (9.764)	3 (0.118)	12 x ø 26 (1.024)	17.6 (38.80)
200 (7.874)	360 (14.17)	30 (1.181)	310 (12.21)	278 (10.95)	3 (0.118)	12 x ø 26 (1.024)	22.7 (50.05)
250 (9.843)	425 (16.73)	32 (1.26)	370 (14.57)	335 (13.19)	3 (0.118)	16 x ø 30 (1.181)	34.2 (75.4)
300 (11.81)	485 (19.09)	34 (1.339)	430 (16.93)	395 (15.55)	4 (0.157)	16 x ø 30 (1.181)	47.3 (104.3)

Tab. 3: 尺寸: DIN 法兰 PN 25。所有间距值均以毫米 (in) 为单位。

PN 40

DN	D	b	K	d	f	L	~ kg
25 (0.984)	115 (4.528)	18 (0.709)	85 (3.346)	68 (2.677)	2 (0.079)	4 x ø 14 (0.551)	1.38 (3.042)
32 (1.260)	140 (5.512)	18 (0.709)	100 (3.937)	78 (3.071)	2 (0.079)	4 x ø 18 (0.709)	2.03 (4.475)
40 (1.575)	150 (5.906)	18 (0.709)	110 (4.331)	88 (3.465)	3 (0.118)	4 x ø 18 (0.709)	2.35 (5.101)
50 (1.969)	165 (6.496)	20 (0.787)	125 (4.921)	102 (4.016)	3 (0.118)	4 x ø 18 (0.709)	3.2 (7.055)
65 (2.560)	185 (7.283)	22 (0.866)	145 (5.709)	122 (4.803)	3 (0.118)	8 x ø 18 (0.709)	4.33 (9.546)
80 (3.150)	200 (7.874)	24 (0.945)	160 (6.299)	138 (5.433)	3 (0.118)	8 x ø 18 (0.709)	5.94 (13.1)
100 (3.937)	235 (9.252)	24 (0.945)	190 (7.48)	162 (6.378)	3 (0.118)	8 x ø 22 (0.866)	7.64 (16.84)
125 (4.921)	270 (10.63)	26 (1.024)	220 (8.661)	188 (7.402)	3 (0.118)	8 x ø 26 (1.024)	11 (24.25)
150 (5.906)	300 (11.81)	28 (1.102)	250 (9.843)	218 (8.583)	3 (0.118)	8 x ø 26 (1.024)	14.7 (32.41)
175 (6.89)	350 (13.78)	32 (1.26)	295 (11.61)	260 (10.24)	3 (0.118)	12 x ø 30 (1.181)	22.4 (49.38)
200 (7.874)	375 (14.76)	34 (1.339)	320 (12.6)	285 (11.22)	3 (0.118)	12 x ø 30 (1.181)	27.6 (60.85)
250 (9.843)	450 (17.72)	38 (1.496)	385 (15.16)	345 (13.58)	3 (0.118)	12 x ø 33 (1.299)	44.5 (98.11)
300 (11.81)	515 (20.28)	42 (1.654)	450 (17.72)	410 (16.14)	4 (0.157)	16 x ø 33 (1.299)	64.3 (141.8)

Tab. 4: 尺寸: DIN 法兰 PN 40。所有间距值均以毫米 (in) 为单位。

PN 64

DN	D	b	K	d	f	L	~ kg
25 (0.984)	140 (5.512)	24 (0.945)	100 (3.937)	68 (2.677)	2 (0.079)	4 x ø 18 (0.709)	2.65 (5.842)
32 (1.260)	155 (6.102)	24 (0.945)	110 (4.331)	78 (3.071)	2 (0.079)	4 x ø 22 (0.866)	3.24 (7.143)
40 (1.575)	170 (6.693)	26 (1.024)	125 (4.921)	88 (3.465)	3 (0.118)	4 x ø 22 (0.866)	4.09 (9.017)
50 (1.969)	180 (7.087)	26 (1.024)	135 (5.315)	102 (4.016)	3 (0.118)	4 x ø 22 (0.866)	4.51 (9.943)
65 (2.559)	205 (8.071)	26 (1.024)	160 (6.299)	122 (4.803)	3 (0.118)	8 x ø 22 (0.866)	5.71 (12.59)
80 (3.15)	215 (8.465)	28 (1.102)	170 (6.693)	138 (5.433)	3 (0.118)	8 x ø 22 (0.866)	6.92 (15.26)
100 (3.937)	250 (9.843)	30 (1.181)	200 (7.874)	162 (6.378)	3 (0.118)	8 x ø 26 (1.024)	10.1 (22.27)
125 (4.921)	295 (11.61)	34 (1.339)	240 (9.449)	188 (7.402)	3 (0.118)	8 x ø 30 (1.181)	16 (35.27)
150 (5.906)	345 (13.58)	36 (1.417)	280 (11.02)	218 (8.583)	3 (0.118)	8 x ø 33 (1.299)	23.5 (51.81)
175 (6.9)	375 (14.76)	40 (1.575)	310 (12.21)	260 (10.24)	3 (0.118)	12 x ø 33 (1.299)	30.8 (67.9)
200 (7.874)	415 (16.34)	42 (1.654)	345 (13.58)	285 (11.22)	3 (0.118)	12 x ø 36 (1.417)	39.7 (87.52)
250 (9.843)	470 (18.5)	46 (1.811)	400 (15.75)	345 (13.58)	3 (0.118)	12 x ø 36 (1.417)	57.4 (126.5)
300 (11.81)	530 (20.87)	52 (2.047)	460 (18.11)	410 (16.14)	4 (0.157)	16 x ø 36 (1.417)	81 (178.6)

Tab. 5: 尺寸: DIN 法兰 PN 64。所有间距值均以毫米 (in) 为单位。

PN 100

DN	D	b	K	d	f	L	~ kg
25 (0.984)	140 (5.512)	24 (0.945)	100 (3.937)	68 (2.677)	2 (0.079)	4 x ø 18 (0.709)	2.65 (5.842)
32 (1.26)	155 (6.102)	24 (0.945)	110 (4.331)	78 (3.071)	2 (0.079)	4 x ø 22 (0.866)	3.24 (7.143)
40 (1.575)	170 (6.693)	26 (1.024)	125 (4.921)	88 (3.465)	3 (0.118)	4 x ø 22 (0.866)	4.09 (9.017)
50 (1.969)	195 (7.677)	28 (1.102)	145 (5.709)	102 (4.016)	3 (0.118)	4 x ø 26 (1.024)	5.84 (12.88)
65 (2.56)	220 (8.661)	30 (1.181)	170 (6.693)	122 (4.803)	3 (0.118)	8 x ø 26 (1.024)	8.03 (17.7)
80 (3.15)	230 (9.055)	32 (1.26)	180 (7.087)	138 (5.433)	3 (0.118)	8 x ø 26 (1.024)	9.43 (20.79)
100 (3.937)	265 (10.43)	36 (1.417)	210 (8.268)	162 (6.378)	3 (0.118)	8 x ø 30 (1.181)	14.3 (31.53)

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DN	D	b	K	d	f	L	~ kg
125 (4.921)	315 (12.4)	40 (1.575)	250 (9.843)	188 (7.402)	3 (0.118)	8 x ø 33 (1.299)	22.6 (49.82)
150 (5.906)	355 (13.98)	44 (1.732)	290 (11.42)	218 (8.583)	3 (0.118)	12 x ø 33 (1.299)	31.8 (70.11)
175 (6.89)	385 (15.16)	48 (1.89)	320 (12.6)	260 (10.24)	3 (0.118)	12 x ø 33 (1.3)	41.3 (91.05)
200 (7.874)	430 (16.93)	52 (2.047)	360 (14.17)	285 (11.22)	3 (0.118)	12 x ø 36 (1.417)	56.1 (123.7)
250 (9.843)	505 (19.88)	60 (2.362)	430 (16.93)	345 (13.58)	3 (0.118)	12 x ø 39 (1.535)	89.6 (197.5)
300 (11.81)	585 (23.03)	68 (2.677)	500 (19.69)	410 (16.14)	4 (0.157)	16 x ø 42 (1.654)	119 (262.4)

Tab. 6: 尺寸: DIN 法兰 PN 100。所有间距值均以毫米 (in) 为单位。

2.2 EN 法兰 (EN 1092-1)

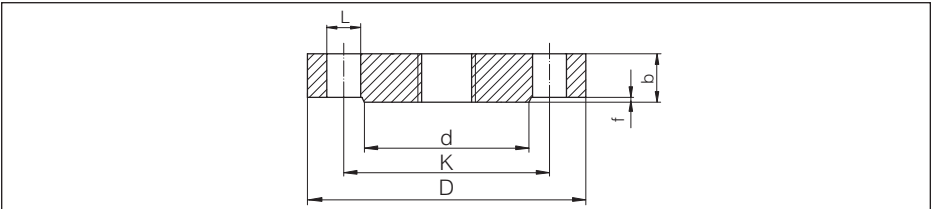


插图. 2: 尺寸: EN 法兰 EN 1092-1 (密封条 B1)

- L 孔径 (孔数)
- d 密封条的直径
- K 孔圆直径
- D 法兰直径
- b 法兰的总厚度
- f 密封条高度

PN 16

DN	D	b	K	d	f	L	~ kg
25 (0.984)	115 (4.528)	18 (0.709)	85 (3.346)	68 (2.677)	2 (0.079)	4 x ø 14 (0.551)	1.5 (3.307)
32 (1.26)	140 (5.512)	18 (0.709)	100 (3.937)	78 (3.071)	2 (0.079)	4 x ø 18 (0.709)	2 (4.409)
40 (1.575)	150 (5.906)	18 (0.709)	110 (4.331)	88 (3.465)	2 (0.079)	4 x ø 18 (0.709)	2.5 (5.512)
50 (1.969)	165 (6.496)	18 (0.709)	125 (4.921)	102 (4.016)	2 (0.079)	4 x ø 18 (0.709)	2.9 (6.393)
65 (2.559)	185 (7.283)	18 (0.709)	145 (5.709)	122 (4.803)	2 (0.079)	8 x ø 18 (0.709)	3.5 (7.716)
80 (3.15)	200 (7.874)	20 (0.787)	160 (6.299)	138 (5.433)	2 (0.079)	8 x ø 18 (0.709)	4.5 (9.921)
100 (3.937)	220 (8.661)	20 (0.787)	180 (7.087)	158 (6.221)	2 (0.079)	8 x ø 18 (0.709)	5.5 (12.13)

DN	D	b	K	d	f	L	~ kg
125 (4.921)	250 (9.843)	22 (0.866)	210 (8.268)	188 (7.402)	2 (0.079)	8 x ø 18 (0.709)	8 (17.64)
150 (5.906)	285 (11.22)	22 (0.866)	240 (9.449)	212 (8.346)	2 (0.079)	8 x ø 22 (0.866)	10.5 (23.15)
200 (7.874)	340 (13.39)	24 (0.945)	295 (11.61)	268 (10.55)	2 (0.079)	12 x ø 22 (0.866)	16.5 (36.38)
250 (9.843)	405 (15.95)	26 (1.024)	355 (13.98)	320 (12.6)	2 (0.079)	12 x ø 26 (1.024)	25 (55.12)
300 (11.81)	460 (18.11)	28 (1.102)	410 (16.14)	378 (14.88)	2 (0.079)	12 x ø 26 (1.024)	35 (77.16)

Tab. 7: 尺寸: EN 法兰 PN 16。所有间距值均以毫米 (in) 为单位。

PN 25

DN	D	b	K	d	f	L	~ kg
25 (0.984)	115 (4.528)	18 (0.709)	85 (3.346)	68 (2.677)	2 (0.079)	4 x ø 14 (0.551)	1.5 (3.307)
32 (1.260)	140 (5.511)	18 (0.709)	100 (3.937)	78 (3.071)	2 (0.079)	4 x ø 18 (0.709)	2 (4.409)
40 (1.575)	150 (5.906)	18 (0.709)	100 (3.937)	88 (3.465)	2 (0.079)	4 x ø 18 (0.709)	2.5 (5.512)
50 (1.969)	165 (6.496)	20 (0.787)	125 (4.921)	102 (4.016)	2 (0.079)	4 x ø 18 (0.709)	3 (6.614)
65 (2.559)	185 (7.284)	22 (0.866)	145 (5.709)	122 (4.803)	2 (0.079)	8 x ø 18 (0.709)	4.5 (9.921)
80 (3.15)	200 (7.874)	24 (0.945)	160 (6.299)	138 (5.433)	2 (0.079)	8 x ø 18 (0.709)	5.5 (12.13)
100 (3.937)	235 (9.252)	24 (0.945)	190 (7.48)	162 (6.378)	2 (0.079)	8 x ø 22 (0.866)	7.5 (16.54)
125 (4.921)	270 (10.63)	26 (1.024)	220 (8.661)	188 (7.402)	2 (0.079)	8 x ø 26 (1.024)	11 (24.25)
150 (5.906)	300 (11.81)	28 (1.102)	250 (9.843)	218 (8.583)	2 (0.079)	8 x ø 26 (1.024)	14.5 (31.97)
200 (7.874)	360 (14.17)	30 (1.181)	310 (12.21)	278 (10.95)	2 (0.079)	12 x ø 26 (1.024)	22.5 (49.6)
250 (9.843)	425 (16.73)	32 (1.26)	370 (14.57)	335 (13.19)	2 (0.079)	12 x ø 30 (1.181)	33.5 (73.86)
300 (11.81)	485 (19.09)	34 (1.339)	430 (16.93)	395 (15.55)	2 (0.079)	16 x ø 30 (1.181)	46.5 (102.5)

Tab. 8: 尺寸: EN 法兰 PN 25。所有间距值均以毫米 (in) 为单位。

PN 40

DN	D	b	K	d	f	L	~ kg
25 (0.984)	115 (4.528)	18 (0.709)	85 (3.346)	68 (2.677)	2 (0.079)	4 x ø 14 (0.551)	1.5 (3.307)

DN	D	b	K	d	f	L	~ kg
32 (1.260)	140 (5.512)	18 (0.709)	100 (3.937)	78 (3.071)	2 (0.079)	4 x ø 18 (0.709)	2 (4.409)
40 (1.575)	150 (5.906)	18 (0.709)	110 (4.331)	88 (3.465)	3 (0.118)	4 x ø 18 (0.709)	2.5 (5.512)
50 (1.969)	165 (6.496)	20 (0.787)	125 (4.921)	102 (4.016)	3 (0.118)	4 x ø 18 (0.709)	3 (6.614)
65 (2.559)	185 (7.283)	22 (0.866)	145 (5.709)	122 (4.803)	3 (0.118)	8 x ø 18 (0.709)	4.5 (9.921)
80 (3.15)	200 (7.874)	24 (0.945)	160 (6.299)	138 (5.433)	3 (0.118)	8 x ø 18 (0.709)	5.5 (12.13)
100 (3.937)	235 (9.252)	24 (0.945)	190 (7.48)	162 (6.378)	3 (0.118)	8 x ø 22 (0.866)	7.5 (16.54)
125 (4.921)	270 (10.63)	26 (1.024)	220 (8.661)	188 (7.402)	3 (0.118)	8 x ø 26 (1.024)	11 (24.25)
150 (5.906)	300 (11.81)	28 (1.102)	250 (9.843)	218 (8.583)	3 (0.118)	8 x ø 26 (1.024)	14.5 (31.97)
200 (7.874)	375 (14.76)	36 (1.417)	320 (12.6)	285 (11.22)	3 (0.118)	12 x ø 30 (1.181)	29 (63.93)
250 (9.843)	450 (17.72)	38 (1.496)	385 (15.16)	345 (13.58)	3 (0.118)	12 x ø 33 (1.299)	44.5 (98.11)
300 (11.81)	515 (20.28)	42 (1.654)	450 (17.72)	410 (16.14)	4 (0.157)	16 x ø 33 (1.299)	64 (141.1)

Tab. 9: 尺寸: EN 法兰 PN 40。所有间距值均以毫米 (in) 为单位。

PN 63

DN	D	b	K	d	f	L	~ kg
25 (0.984)	140 (5.512)	24 (0.945)	100 (3.937)	68 (2.677)	2 (0.079)	4 x ø 18 (0.709)	2.5 (5.512)
32 (1.26)	155 (6.102)	24 (0.945)	110 (4.331)	78 (3.071)	2 (0.079)	4 x ø 22 (0.866)	3.5 (7.716)
40 (1.575)	170 (6.693)	26 (1.024)	125 (4.921)	88 (3.465)	2 (0.079)	4 x ø 22 (0.866)	4.5 (9.921)
50 (1.969)	180 (7.087)	26 (1.024)	135 (5.315)	102 (4.016)	2 (0.079)	4 x ø 22 (0.866)	5 (11.02)
65 (2.56)	205 (8.071)	26 (1.024)	160 (6.3)	122 (4.803)	2 (0.079)	8 x ø 22 (0.866)	6 (13.23)
80 (3.15)	215 (8.465)	28 (1.102)	170 (6.693)	138 (5.433)	2 (0.079)	8 x ø 22 (0.866)	7.5 (16.54)
100 (3.937)	250 (9.843)	30 (1.181)	200 (7.874)	162 (6.378)	2 (0.079)	8 x ø 26 (1.024)	10.5 (23.15)
125 (4.921)	295 (11.61)	34 (1.339)	240 (9.449)	188 (7.402)	2 (0.079)	8 x ø 30 (1.181)	16.5 (36.38)
150 (5.906)	345 (13.58)	36 (1.417)	280 (11.02)	218 (8.583)	2 (0.079)	8 x ø 33 (1.299)	24.5 (54.01)
200 (7.874)	415 (16.34)	42 (1.654)	345 (13.58)	285 (11.22)	2 (0.079)	12 x ø 36 (1.417)	40.5 (89.29)

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DN	D	b	K	d	f	L	~ kg
250 (9.843)	470 (18.5)	46 (1.811)	400 (15.75)	345 (13.58)	3 (0.118)	12 x ø 36 (1.417)	58 (127.9)
300 (11.81)	530 (20.87)	52 (2.047)	460 (18.11)	410 (16.14)	2 (0.079)	16 x ø 36 (1.417)	83.5 (184.1)

Tab. 10: 尺寸: EN 法兰 PN 63。所有间距值均以毫米 (in) 为单位。

PN 100

DN	D	b	K	d	f	L	~ kg
25 (0.984)	140 (5.512)	24 (0.945)	100 (3.937)	68 (2.677)	2 (0.079)	4 x ø 18 (0.709)	2.5 (5.512)
32 (1.26)	155 (6.102)	24 (0.945)	110 (4.331)	78 (3.071)	2 (0.079)	4 x ø 22 (0.866)	3.5 (7.716)
40 (1.575)	170 (6.693)	26 (1.024)	125 (4.921)	88 (3.465)	2 (0.079)	4 x ø 22 (0.866)	4.5 (9.921)
50 (1.969)	195 (7.677)	28 (1.102)	145 (5.709)	102 (4.016)	2 (0.079)	4 x ø 26 (1.024)	6 (13.23)
65 (2.56)	220 (8.661)	30 (1.181)	170 (6.693)	122 (4.803)	2 (0.079)	8 x ø 26 (1.024)	8 (17.64)
80 (3.15)	230 (9.055)	32 (1.26)	180 (7.087)	138 (5.433)	2 (0.079)	8 x ø 26 (1.024)	9.5 (20.94)
100 (3.937)	265 (10.43)	36 (1.417)	210 (8.268)	162 (6.378)	2 (0.079)	8 x ø 30 (1.181)	14 (30.87)
125 (4.921)	315 (12.4)	40 (1.575)	250 (9.843)	188 (7.402)	2 (0.079)	8 x ø 33 (1.299)	22.5 (49.6)
150 (5.906)	355 (13.98)	44 (1.732)	290 (11.42)	218 (8.583)	2 (0.079)	12 x ø 33 (1.299)	30.5 (67.24)
200 (7.874)	430 (16.93)	52 (2.047)	360 (14.17)	285 (11.22)	2 (0.079)	12 x ø 36 (1.417)	54.5 (120.2)
250 (9.843)	505 (19.88)	60 (2.362)	430 (16.93)	345 (13.58)	2 (0.079)	12 x ø 39 (1.535)	87.5 (192.9)
300 (11.81)	585 (23.03)	68 (2.677)	500 (19.69)	410 (16.14)	2 (0.079)	16 x ø 42 (1.654)	131.5 (289.9)

Tab. 11: 尺寸: EN 法兰 PN 100。所有间距值均以毫米 (in) 为单位。

2.3 ASME 法兰 (ASME B 16.5)

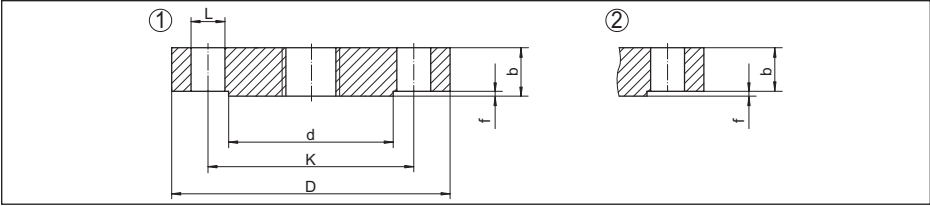


插图. 3: 尺寸: ASME 法兰 B 16.5 (密封条 RF)

- 1 尺寸至 Class 400
2 尺寸从 Class 400 起
L 孔径 (孔数)
d 密封条的直径
K 孔圆直径
D 法兰直径
b 法兰的总厚度
f 密封条厚度 150 lb/300 lb: 1.6 mm (0.06 in) 或从 600 lb: 6.4 mm (0.25 in) 起

Class 150

DN	D	b	d	K	L	~ kg
1"	108 (4.252)	14.2 (0.559)	50.8 (2)	79.2 (3.118)	4 x ø 15.7 (0.618)	0.86 (1.896)
1¼"	117.3 (4.618)	15.7 (0.618)	63.5 (2.5)	88.9 (3.5)	4 x ø 15.7 (0.618)	1.17 (2.579)
1½"	127 (5)	17.5 (0.689)	73.2 (2.882)	98.6 (3.882)	4 x ø 15.7 (0.618)	1.53 (3.373)
2"	152.4 (6)	19.1 (0.752)	91.9 (3.618)	120.7 (4.752)	4 x ø 19.1 (0.752)	2.42 (5.335)
2½"	177.8 (7)	22.4 (0.882)	104.6 (4.118)	139.7 (5.5)	4 x ø 19.1 (0.752)	3.94 (8.686)
3"	190.5 (7.5)	23.9 (0.941)	127 (5)	152.4 (6)	4 x ø 19.1 (0.752)	4.93 (10.87)
3½"	215.9 (8.5)	23.9 (0.941)	139.7 (5.5)	177.8 (7)	8 x ø 19.1 (0.752)	6.17 (13.6)
4"	228.6 (9)	23.9 (0.941)	157.2 (6.189)	190.5 (7.5)	8 x ø 19.1 (0.752)	7 (15.43)
5"	254 (10)	23.9 (0.941)	185.7 (7.311)	215.9 (8.5)	8 x ø 22.4 (0.882)	8.63 (19.03)
6"	279.4 (11)	25.4 (1)	215.9 (8.5)	241.3 (9.5)	8 x ø 22.4 (0.882)	11.3 (24.91)
8"	342.9 (13.5)	28.4 (1.118)	269.7 (10.62)	298.5 (11.75)	8 x ø 22.4 (0.882)	19.6 (43.21)
10"	406.4 (16)	30.2 (1.189)	323.8 (12.75)	362 (14.25)	12 x ø 25.4 (1)	28.8 (63.49)

Tab. 12: 尺寸: DIN 法兰 Class 150。所有间距值均以毫米 (in) 为单位。

Class 300

DN	D	b	d	K	L	~ kg
1"	124 (4.882)	17.5 (0.689)	50.8 (2)	88.9 (3.5)	4 x ø 19.1 (0.752)	1.39 (3.064)
1¼"	133.4 (5.252)	19.1 (0.752)	63.5 (2.5)	98.6 (3.882)	4 x ø 19.1 (0.752)	1.79 (3.946)
1½"	155.4 (6.118)	20.6 (0.811)	73.2 (2.882)	114.3 (4.5)	4 x ø 22.4 (0.882)	2.66 (5.864)
2"	165.1 (6.5)	22.4 (0.882)	91.9 (3.618)	127 (5)	8 x ø 19.1 (0.752)	3.18 (7.011)
2½"	190.5 (7.5)	25.4 (1)	104.6 (4.118)	149.4 (5.882)	8 x ø 22.4 (0.882)	4.85 (10.69)
3"	209.5 (8.248)	28.4 (1.118)	127 (5)	168.1 (6.618)	8 x ø 22.4 (0.882)	6.81 (15.01)
3½"	228.6 (9)	30.2 (1.189)	139.7 (5.5)	184.2 (7.252)	8 x ø 22.4 (0.882)	8.71 (19.2)
4"	254 (10)	31.8 (1.252)	157.2 (6.189)	200.2 (7.882)	8 x ø 22.4 (0.882)	11.5 (25.35)
5"	279.4 (11)	35.1 (1.382)	185.7 (7.311)	235 (9.252)	8 x ø 22.4 (0.882)	15.6 (34.39)
6"	317.5 (12.5)	36.6 (1.441)	215.9 (8.5)	269.7 (10.62)	12 x ø 22.4 (0.882)	20.9 (46.08)
8"	381 (15)	41.1 (1.618)	269.7 (10.62)	330.2 (13)	12 x ø 25.4 (1)	34.3 (75.62)
10"	444.5 (17.5)	47.8 (1.882)	323.8 (12.75)	387.4 (15.25)	16 x ø 28.4 (1.118)	53.3 (117.5)

Tab. 13: 尺寸: ASME 法兰 Class 300。所有间距值均以毫米 (in) 为单位。

Class 600

DN	D	b	d	K	L	~ kg
1"	124 (4.882)	17.5 (0.689)	50.8 (2)	88.9 (3.5)	4 x ø 19.1 (0.752)	1.6 (3.527)
1¼"	133.4 (5.252)	20.6 (0.811)	63.5 (2.5)	98.6 (3.882)	4 x ø 19.1 (0.752)	2.23 (4.916)
1½"	155.4 (6.118)	22.4 (0.882)	73.2 (2.882)	114.3 (4.5)	4 x ø 22.4 (0.882)	3.25 (7.165)
2"	165.1 (6.5)	25.4 (1)	91.9 (3.618)	127 (5)	8 x ø 19.1 (0.752)	4.15 (9.15)
2½"	190.5 (7.5)	28.4 (1.118)	104.6 (4.118)	149.4 (5.882)	8 x ø 22.4 (0.882)	6.13 (13.51)
3"	209.6 (8.252)	31.8 (1.252)	127 (5)	168.1 (6.618)	8 x ø 22.4 (0.882)	8.44 (18.61)
3½"	228.6 (9)	35.1 (1.382)	139.7 (5.5)	184.2 (7.252)	8 x ø 25.4 (1)	11 (24.25)
4"	273.1 (10.75)	38.1 (1.5)	157.2 (6.189)	215.9 (8.5)	8 x ø 25.4 (1)	17.3 (38.14)
5"	330.2 (13)	44.5 (1.752)	185.7 (7.311)	266.7 (10.5)	8 x ø 28.4 (1.118)	29.4 (64.82)

DN	D	b	d	K	L	~ kg
6"	355.6 (14)	47.8 (1.882)	215.9 (8.5)	292.1 (11.5)	12 x ø 28.4 (1.118)	36.1 (79.59)
8"	419.1 (16.5)	55.6 (2.189)	269.7 (10.62)	349.3 (13.75)	12 x ø 31.8 (1.252)	58.9 (129.9)
10"	508 (20)	63.5 (2.5)	323.8 (12.75)	431.8 (17)	16 x ø 35.1 (1.382)	97.5 (215)

Tab. 14: 尺寸: ASME 法兰 Class 600。所有间距值均以毫米 (in) 为单位。

Class 900

DN	D	b	d	K	L	~ kg
1"	149.4 (5.882)	28.4 (1.118)	50.8 (2)	101.6 (4)	4 x ø 25.4 (1)	3.57 (7.871)
1¼"	158.8 (6.252)	28.4 (1.118)	63.5 (2.5)	111.3 (4.382)	4 x ø 25.4 (1)	4.14 (9.127)
1½"	177.8 (7)	31.8 (1.252)	73.2 (2.882)	124 (4.882)	4 x ø 28.4 (1.118)	5.75 (12.68)
2"	215.9 (8.5)	38.1 (1.5)	91.9 (3.618)	165.1 (6.5)	8 x ø 25.4 (1)	10.1 (22.27)
2½"	244.4 (9.622)	41.1 (1.618)	104.6 (4.118)	190.5 (7.5)	8 x ø 28.4 (1.118)	14 (30.86)
3"	241.3 (9.5)	38.1 (1.5)	127 (5)	190.5 (7.5)	8 x ø 25.4 (1)	13.1 (28.9)
4"	292.1 (11.5)	44.5 (1.752)	157.2 (6.189)	235 (9.252)	8 x ø 31.8 (1.252)	26.9 (59.3)
5"	349.3 (13.75)	50.8 (2)	185.7 (7.311)	279.4 (11)	8 x ø 35.1 (1.382)	36.5 (80.47)
6"	381 (15)	55.6 (2.189)	215.9 (8.5)	317.5 (12.5)	12 x ø 31.8 (1.252)	47.4 (104.5)
8"	469.9 (18.5)	63.5 (2.5)	269.7 (10.62)	393.7 (15.5)	12 x ø 38.1 (1.5)	82.5 (181.9)
10"	546.1 (21.5)	69.9 (2.752)	323.8 (12.75)	469.9 (18.5)	16 x ø 38.1 (1.5)	122 (269)

Tab. 15: 尺寸: ASME 法兰 Class 900。所有间距值均以毫米 (in) 为单位。

Class 1500

DN	D	b	d	K	L	~ kg
1"	149.4 (5.882)	28.4 (1.118)	50.8 (2)	101.6 (4)	4 x ø 25.4 (1)	3.57 (7.871)
1¼"	158.8 (6.252)	28.4 (1.118)	63.5 (2.5)	111.3 (4.382)	4 x ø 25.4 (1)	4.14 (9.127)
1½"	177.8 (7)	31.8 (1.252)	73.2 (2.882)	124 (4.882)	4 x ø 28.4 (1.118)	5.75 (12.68)
2"	215.9 (8.5)	38.1 (1.5)	91.9 (3.618)	165.1 (6.5)	8 x ø 25.4 (1)	10.1 (22.27)
2½"	244.4 (9.622)	41.1 (1.618)	104.6 (4.118)	190.5 (7.5)	8 x ø 28.4 (1.118)	14 (30.87)
3"	266.7 (10.5)	47.8 (1.882)	127 (5)	203.2 (8)	8 x ø 31.8 (1.252)	19.1 (42.11)
4"	311.2 (12.25)	53.8 (2.118)	157.2 (6.189)	241.3 (9.5)	8 x ø 35.1 (1.382)	29.9 (65.92)

DN	D	b	d	K	L	~ kg
5"	374.7 (14.75)	73.2 (2.882)	185.7 (7.311)	292.1 (11.5)	8 x ø 41.1 (1.618)	58.4 (128.8)
6"	393.7 (15.5)	82.6 (3.252)	215.9 (8.5)	317.5 (12.5)	12 x ø 38.1 (1.5)	71.8 (158.3)
8"	482.6 (19)	91.9 (3.618)	269.7 (10.62)	393.7 (15.5)	12 x ø 44.5 (1.752)	122 (269)
10"	584.2 (23)	108 (4.252)	323.8 (12.75)	482.6 (19)	16 x ø 50.8 (2)	210 (463)

Tab. 16: 尺寸: ASME 法兰 Class 1500。所有间距值均以毫米 (in) 为单位。

Class 2500

DN	D	b	d	K	L	~ kg
1"	158.8 (6.252)	35.1 (1.382)	50.8 (2)	108 (4.252)	4 x ø 25.4 (1)	4.96 (10.94)
1¼"	184.2 (7.252)	38.1 (1.5)	63.5 (2.5)	130 (5.118)	4 x ø 28.4 (1.118)	7.35 (16.2)
1½"	203.2 (8)	44.5 (1.752)	73.2 (2.882)	146.1 (5.752)	4 x ø 31.8 (1.252)	10.4 (22.93)
2"	235 (9.252)	50.8 (2)	91.9 (3.618)	171.5 (6.752)	8 x ø 28.4 (1.118)	15.6 (34.39)
2½"	266.7 (10.5)	57.2 (2.252)	104.6 (4.118)	196.9 (7.752)	8 x ø 31.8 (1.252)	22.6 (49.82)
3"	304.8 (12)	66.5 (2.618)	127 (5)	228.6 (9)	8 x ø 35.1 (1.382)	34.8 (76.72)
4"	355.6 (14)	76.2 (3)	157.2 (6.189)	273.1 (10.75)	8 x ø 41.1 (1.618)	53.9 (118.8)
5"	419.1 (16.5)	91.9 (3.618)	185.7 (7.311)	323.8 (12.75)	8 x ø 47.8 (1.882)	90.8 (200.2)
6"	482.6 (19)	108 (4.252)	215.9 (8.5)	368.3 (14.5)	12 x ø 53.8 (2.118)	141 (310.9)
8"	552.5 (21.75)	127 (5)	269.7 (10.62)	438.2 (17.25)	12 x ø 53.8 (2.118)	214 (471.8)
10"	673.1 (26.5)	165.1 (6.5)	323.8 (12.75)	539.8 (21.25)	12 x ø 66.5 (2.618)	411 (906.1)

Tab. 17: 尺寸: ASME 法兰 Class 2500。所有间距值均以毫米 (in) 为单位。

2.4 JIS 法兰 (B 2210-1984)

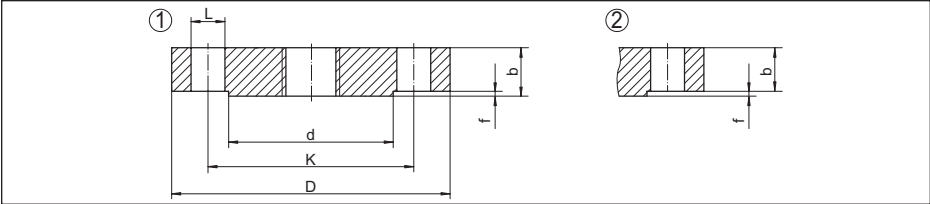


插图. 4: 尺寸 : JIS 法兰 (常规法兰)

L 孔径 (孔数)
d 密封条的直径
K 孔圆直径
D 法兰直径
b 法兰的总厚度
f 密封条高度

10 K

DN	D	b	K	d	f	L
25 (0.984)	125 (4.921)	14 (0.551)	90 (3.543)	67 (2.638)	1 (0.039)	4 x $\varnothing$ 19 (0.748)
32 (1.26)	135 (5.315)	16 (0.63)	100 (3.937)	76 (2.992)	2 (0.079)	4 x $\varnothing$ 19 (0.748)
40 (1.575)	140 (5.512)	16 (0.63)	105 (4.134)	81 (3.189)	2 (0.079)	4 x $\varnothing$ 19 (0.748)
50 (1.969)	155 (6.102)	16 (0.63)	120 (4.724)	96 (3.78)	2 (0.079)	4 x $\varnothing$ 19 (0.748)
65 (2.56)	175 (6.89)	18 (0.709)	140 (5.512)	116 (4.567)	2 (0.079)	4 x $\varnothing$ 19 (0.748)
80 (3.15)	185 (7.284)	18 (0.709)	150 (5.906)	126 (4.961)	2 (0.079)	8 x $\varnothing$ 19 (0.748)
100 (3.937)	210 (8.268)	18 (0.709)	175 (6.9)	151 (5.945)	2 (0.079)	8 x $\varnothing$ 19 (0.748)
125 (4.921)	250 (9.843)	20 (0.787)	210 (8.268)	182 (7.165)	2 (0.079)	8 x $\varnothing$ 23 (0.906)
150 (5.906)	280 (11.02)	22 (0.866)	240 (9.449)	212 (8.347)	2 (0.079)	8 x $\varnothing$ 23 (0.906)
200 (7.874)	330 (12.99)	22 (0.866)	290 (11.42)	262 (10.32)	2 (0.079)	12 x $\varnothing$ 23 (0.906)
250 (9.843)	400 (15.75)	24 (0.945)	355 (13.98)	324 (12.76)	2 (0.079)	12 x $\varnothing$ 25 (0.984)
300 (11.81)	445 (17.52)	24 (0.945)	400 (15.75)	368 (14.49)	3 (0.118)	16 x $\varnothing$ 25 (0.984)

Tab. 18: 尺寸: JIS 法兰 10 K (B 2210-1984) Regular Flange (常规法兰)。所有间距值 均以毫米 (in) 为单位。

2.5 GOST 法兰 (GOST 12815-80)

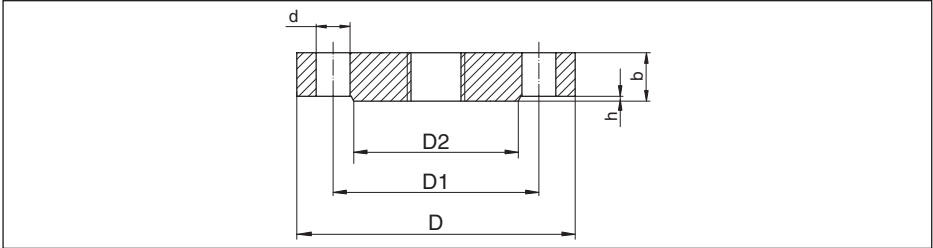


插图. 5: 尺寸: GOST 法兰 (GOST 12815-80, Modification (修改) 1)

- d 孔径 (孔数)
- D2 密封条的直径
- D1 孔圆直径
- D 法兰直径
- b 法兰的总厚度
- h 密封条高度

PN 16

DN	D	D1	D2	b	h	d
25 (0.984)	115 (4.528)	85 (3.347)	68 (2.677)	12 (0.472)	2 (0.079)	4 x ø 14 (0.551)
32 (1.26)	135 (5.315)	100 (3.937)	78 (3.071)	13 (0.512)	2 (0.079)	4 x ø 18 (0.709)
40 (1.575)	145 (5.709)	110 (4.331)	88 (3.465)	13 (0.512)	3 (0.118)	4 x ø 18 (0.709)
50 (1.969)	160 (6.299)	125 (4.921)	102 (4.016)	13 (0.512)	3 (0.118)	4 x ø 18 (0.709)
65 (2.56)	180 (7.087)	145 (5.709)	122 (4.803)	15 (0.591)	3 (0.118)	4 x ø 18 (0.709)
80 (3.15)	195 (7.677)	160 (6.299)	133 (5.236)	17 (0.669)	3 (0.118)	8 x ø 18 (0.709)
100 (3.937)	215 (8.465)	180 (7.087)	158 (6.221)	17 (0.669)	3 (0.118)	8 x ø 18 (0.709)
125 (4.921)	245 (9.646)	210 (8.268)	184 (7.244)	19 (0.748)	3 (0.118)	8 x ø 18 (0.709)
150 (5.906)	280 (11.02)	240 (9.449)	212 (8.347)	19 (0.748)	3 (0.118)	8 x ø 22 (0.866)
200 (7.874)	335 (13.19)	295 (11.61)	268 (10.55)	21 (0.827)	3 (0.118)	12 x ø 22 (0.866)
250 (9.843)	405 (15.95)	355 (13.98)	320 (12.6)	23 (0.906)	3 (0.118)	12 x ø 26 (1.024)

Tab. 19: 尺寸: GOST 法兰 PN 16. 所有间距值均以毫米 (in) 为单位。

PN 25

DN	D	D1	D2	b	h	d
25 (0.984)	115 (4.528)	85 (3.347)	68 (2.677)	14 (0.551)	2 (0.079)	4 x ø 14 (0.551)

DN	D	D1	D2	b	h	d
32 (1.26)	135 (5.315)	100 (3.937)	78 (3.071)	16 (0.63)	2 (0.079)	4 x ø 18 (0.709)
40 (1.575)	145 (5.709)	110 (4.331)	88 (3.465)	16 (0.63)	3 (0.118)	4 x ø 18 (0.709)
50 (1.969)	160 (6.299)	125 (4.921)	102 (4.016)	17 (0.669)	3 (0.118)	4 x ø 18 (0.709)
65 (2.559)	180 (7.087)	145 (5.709)	122 (4.803)	19 (0.748)	3 (0.118)	8 x ø 18 (0.709)
80 (3.15)	195 (7.677)	160 (6.299)	133 (5.236)	19 (0.748)	3 (0.118)	8 x ø 18 (0.709)
100 (3.937)	230 (9.055)	190 (7.48)	158 (6.221)	21 (0.827)	3 (0.118)	8 x ø 22 (0.866)
125 (4.921)	270 (10.63)	220 (8.661)	184 (7.244)	23 (0.906)	3 (0.118)	8 x ø 26 (1.024)
150 (5.906)	300 (11.81)	250 (9.843)	212 (8.347)	25 (0.984)	3 (0.118)	8 x ø 26 (1.024)
200 (7.874)	360 (14.17)	310 (12.21)	278 (10.95)	27 (1.063)	3 (0.118)	12 x ø 26 (1.024)
250 (9.843)	425 (16.73)	370 (14.57)	335 (13.19)	29 (1.142)	3 (0.118)	12 x ø 30 (1.181)

Tab. 20: 尺寸: GOST 法兰 PN 25。所有间距值均以毫米 (in) 为单位。

PN 40

DN	D	D1	D2	b	h	d
25 (0.984)	115 (4.528)	85 (3.347)	68 (2.677)	14 (0.551)	2 (0.079)	4 x ø 14 (0.551)
32 (1.26)	135 (5.315)	100 (3.937)	78 (3.071)	16 (0.63)	2 (0.079)	4 x ø 18 (0.709)
40 (1.575)	145 (5.709)	110 (4.331)	88 (3.465)	16 (0.63)	3 (0.118)	4 x ø 18 (0.709)
50 (1.969)	160 (6.3)	125 (4.921)	102 (4.016)	17 (0.669)	3 (0.118)	4 x ø 18 (0.709)
65 (2.559)	180 (7.087)	145 (5.709)	122 (4.803)	19 (0.748)	3 (0.118)	8 x ø 18 (0.709)
80 (3.15)	195 (7.677)	160 (6.299)	133 (5.236)	21 (0.827)	3 (0.118)	8 x ø 18 (0.709)
100 (3.937)	230 (9.055)	190 (7.480)	158 (6.221)	23 (0.906)	3 (0.118)	8 x ø 22 (0.866)
125 (4.921)	270 (10.63)	220 (8.661)	184 (7.244)	25 (0.984)	3 (0.118)	8 x ø 26 (1.024)
150 (5.906)	300 (11.81)	250 (9.843)	212 (8.347)	27 (1.063)	3 (0.118)	8 x ø 26 (1.024)
200 (7.874)	375 (14.76)	320 (12.6)	285 (11.22)	35 (1.378)	3 (0.118)	12 x ø 30 (1.181)
250 (9.843)	445 (17.52)	385 (15.16)	345 (13.58)	39 (1.535)	3 (0.118)	12 x ø 33 (1.299)

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Tab. 21: 尺寸: GOST 法兰 PN 40。所有间距值均以毫米 (in) 为单位。

PN 63

DN	D	D1	D2	b	h	d
25 (0.984)	135 (5.315)	100 (3.937)	68 (2.677)	20 (0.787)	2 (0.079)	4 x ø 18 (0.709)
32 (1.26)	150 (5.906)	110 (4.331)	78 (3.071)	21 (0.827)	2 (0.079)	4 x ø 22 (0.866)
40 (1.575)	165 (6.496)	125 (4.921)	88 (3.465)	21 (0.827)	3 (0.118)	4 x ø 22 (0.866)
50 (1.969)	175 (6.89)	135 (5.315)	102 (4.016)	23 (0.906)	3 (0.118)	4 x ø 22 (0.866)
65 (2.559)	200 (7.874)	160 (6.299)	122 (4.803)	25 (0.984)	3 (0.118)	8 x ø 22 (0.866)
80 (3.15)	210 (8.268)	170 (6.693)	133 (5.236)	27 (1.063)	3 (0.118)	8 x ø 22 (0.866)
100 (3.937)	250 (9.843)	200 (7.874)	158 (6.221)	29 (1.142)	3 (0.118)	8 x ø 26 (1.024)
125 (4.921)	295 (11.61)	240 (9.449)	184 (7.244)	33 (1.3)	3 (0.118)	8 x ø 30 (1.181)
150 (5.906)	340 (13.39)	280 (11.02)	212 (8.347)	35 (1.378)	3 (0.118)	8 x ø 33 (1.299)
200 (7.874)	405 (15.95)	345 (13.58)	285 (11.22)	41 (1.614)	3 (0.118)	12 x ø 36 (1.417)
250 (9.843)	470 (18.5)	400 (15.75)	345 (13.58)	45 (1.772)	3 (0.118)	12 x ø 36 (1.417)

Tab. 22: 尺寸: GOST 法兰 PN 63。所有间距值均以毫米 (in) 为单位。

PN 100

DN	D	D1	D2	b	h	d
25 (0.984)	135 (5.315)	100 (3.937)	68 (2.677)	22 (0.866)	2 (0.079)	4 x ø 18 (0.709)
32 (1.26)	150 (5.906)	110 (4.331)	78 (3.071)	22 (0.866)	2 (0.079)	4 x ø 22 (0.866)
40 (1.575)	165 (6.496)	125 (4.921)	88 (3.465)	23 (0.906)	3 (0.118)	4 x ø 22 (0.866)
50 (1.969)	195 (7.677)	145 (5.709)	102 (4.016)	25 (0.984)	3 (0.118)	4 x ø 26 (1.024)
65 (2.56)	220 (8.661)	170 (6.693)	122 (4.803)	29 (1.142)	3 (0.118)	8 x ø 26 (1.024)
80 (3.15)	230 (9.055)	180 (7.087)	133 (5.236)	31 (1.221)	3 (0.118)	8 x ø 26 (1.024)
100 (3.937)	265 (10.43)	210 (8.268)	158 (6.221)	35 (1.378)	3 (0.118)	8 x ø 30 (1.181)
125 (4.921)	310 (12.21)	250 (9.843)	184 (7.244)	39 (1.535)	3 (0.118)	8 x ø 33 (1.299)

DN	D	D1	D2	b	h	d
150 (5.906)	350 (13.78)	290 (11.42)	212 (8.347)	43 (1.693)	3 (0.118)	12 x ø 33 (1.299)
200 (7.874)	430 (16.93)	360 (14.17)	285 (11.22)	51 (2.008)	3 (0.118)	12 x ø 36 (1.417)
250 (9.843)	500 (19.69)	430 (16.93)	345 (13.58)	57 (2.244)	3 (0.118)	12 x ø 39 (1.535)

Tab. 23: 尺寸: GOST 法兰 PN 100。所有间距值均以毫米 (in) 为单位。

3 压力温度表

3.1 压力温度表 - EN 法兰

数值针对用材料 316/316L 制造的法兰。

PN	16	25	40	63	100
RT	16 (232.1)	25 (362.6)	40 (580.2)	63 (913.7)	100 (1450.4)
50 °C (122 °F)	16 (232.1)	25 (362.6)	40 (580.2)	63 (913.7)	100 (1450.4)
100 °C (212 °F)	16 (232.1)	25 (362.6)	40 (580.2)	63 (913.7)	100 (1450.4)
150 °C (302 °F)	14.5 (210.3)	22.7 (329.2)	36.3 (526.5)	57.3 (831.1)	90.9 (1318.4)
200 °C (392 °F)	13.4 (194.4)	21 (304.6)	33.7 (488.8)	53.1 (670.1)	84.2 (1221.2)
250 °C (482 °F)	12.7 (184.2)	19.8 (287.2)	31.8 (461.2)	50.1 (770.2)	79.5 (1153.1)
300 °C (572 °F)	11.8 (171.1)	18.5 (268.3)	29.7 (430.8)	46.8 (678.8)	74.2 (1076.2)
350 °C (662 °F)	11.4 (165.3)	17.8 (258.2)	28.5 (413.4)	45 (652.7)	71.4 (1035.6)
400 °C (752 °F)	10.9 (158.1)	17.1 (248)	27.4 (397.4)	43.2 (626.6)	68.5 (993.6)
450 °C (842 °F)	10.7 (155.2)	16.8 (243.7)	26.9 (390.2)	42.4 (615)	67.3 (976.1)

Tab. 24: 压力温度表 - EN 法兰。所有尺寸均以巴 (psig) 为单位。

RT 温度范围 -10 ... +50 °C

3.2 压力温度表 - ASME 法兰

数值针对用材料 316/316L 制造的法兰。

Class	150	300	400	600	900	1500	2500
RT	19 (275.6)	49.6 (719.4)	66.2 (960.1)	99.3 (1440.2)	148.9 (2159.6)	248.2 (3599.8)	413.7 (6000.2)
50 °C (122 °F)	18.4 (266.9)	48.1 (697.6)	64.2 (931.1)	96.2 (1395.3)	144.3 (2092.9)	240.6 (3489.6)	400.9 (5814.6)
100 °C (212 °F)	16.2 (235)	42.2 (612.1)	56.3 (816.6)	84.4 (1224.1)	126.6 (1836.2)	211 (3060.3)	351.6 (5099.5)
150 °C (302 °F)	14.8 (214.7)	38.5 (558.4)	51.3 (744)	77 (1116.8)	115.5 (1675.2)	192.5 (2792)	320.8 (4652.8)
200 °C (392 °F)	13.7 (198.7)	35.7 (517.8)	47.6 (690.4)	71.3 (1034.1)	107 (1551.9)	178.3 (2586)	297.2 (4310.5)
250 °C (482 °F)	12.1 (175.5)	33.4 (484.4)	44.5 (645.4)	66.8 (968.9)	101.1 (1466.3)	166.9 (2420.7)	278.1 (4033.5)
300 °C (572 °F)	10.2 (147.9)	31.6 (458.3)	42.2 (612.1)	63.2 (916.6)	94.9 (1376.4)	158.1 (2293)	263.5 (3821.7)
325 °C (617 °F)	9.3 (134.9)	30.9 (448.2)	41.2 (597.6)	61.8 (896.3)	92.7 (1344.5)	154.4 (2239.4)	257.4 (3733.3)
350 °C (662 °F)	8.4 (121.8)	30.3 (439.5)	40.4 (586)	60.7 (867.3)	91 (1319.8)	151.6 (2198.8)	252.7 (3665.1)
375 °C (707 °F)	7.4 (107.3)	29.9 (433.7)	39.8 (577.3)	59.8 (867.3)	89.6 (1299.5)	149.4 (2166.9)	249 (3611.4)
400 °C (752 °F)	6.5 (94.3)	29.4 (426.4)	39.3 (570)	58.9 (854.3)	88.3 (1280.7)	147.2 (2135)	245.3 (3557.8)

Class	150	300	400	600	900	1500	2500
425 °C (797 °F)	5.5 (79,8)	29.1 (422.1)	38.9 (564.2)	58.3 (845.6)	87.4 (1267.6)	145.7 (2113.2)	242.9 (3523)
450 °C (842 °F)	4.6 (66,7)	28.8 (417.7)	38.5 (558.4)	57.7 (836.9)	86.5 (1254.6)	144.2 (2091.4)	240.4 (3486.7)

Tab. 25: 压力温度表 - ASME 法兰。所有尺寸均以巴 (psig) 为单位。

RT 温度范围 -29 ... +38 °C

3.3 压力温度表 - GOST 法兰

数值针对用材料 316L 制造的法兰。

PN 25

温度	250 °C (482 °F)	300 °C (572 °F)	350 °C (662 °F)	400 °C (752 °F)
DN 100	25 (362.6)	25 (362.6)	25 (362.6)	25 (362.6)
DN 125	25 (362.6)	25 (362.6)	25 (362.6)	25 (362.6)
DN 150	25 (362.6)	39,4 (571.5)	25 (362.6)	25 (362.6)
DN 200	25 (362.6)	25 (362.6)	25 (362.6)	25 (362.6)
DN 250	25 (362.6)	25 (362.6)	25 (362.6)	24.9 (361.1)

Tab. 26: 压力温度表 GOST 法兰 PN 25。所有尺寸均以巴 (psig) 为单位。

PN 40

温度	250 °C (482 °F)	300 °C (572 °F)	350 °C (662 °F)	400 °C (752 °F)
DN 100	40 (580.2)	40 (580.2)	40 (580.2)	39.5 (572.9)
DN 125	40 (580.2)	40 (580.2)	39.5 (572.9)	38.4 (557)
DN 150	40 (580.2)	39,4 (571.5)	37.7 (546.8)	36.7 (532.3)
DN 200	40 (580.2)	40 (580.2)	40 (580.2)	40 (580.2)
DN 250	39.2 (568.6)	37.2 (539.5)	35.7 (517.8)	34.6 (501.8)

Tab. 27: 压力温度表 GOST 法兰 PN 40。所有尺寸均以巴 (psig) 为单位。

PN 63

温度	250 °C (482 °F)	300 °C (572 °F)	350 °C (662 °F)	400 °C (752 °F)
DN 100	63 (913.7)	63 (913.7)	63 (913.7)	63 (913.7)
DN 125	63 (913.7)	63 (913.7)	63 (913.7)	63 (913.7)
DN 150	63 (913.7)	63 (913.7)	63 (913.7)	62.5 (906.5)
DN 200	63 (913.7)	63 (913.7)	60.7 (880.4)	59 (855.7)
DN 250	63 (913.7)	60.3 (874.6)	57.8 (838.3)	56.2 (815.1)

Tab. 28: 压力温度表 GOST 法兰 PN 63。所有尺寸均以巴 (psig) 为单位。

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PN 100

温度	250 °C (482 °F)	300 °C (572 °F)	350 °C (662 °F)	400 °C (752 °F)
DN 100	100 (1450)	100 (1450)	100 (1450)	98 (1421)
DN 125	100 (1450)	100 (1450)	97.8 (1419)	94.9 (1376.4)
DN 150	99.7 (1446)	94.5 (1371)	90.6 (1314)	88 (1276)
DN 200	100 (1450)	96.6 (1401)	92.6 (1343)	90 (1305)
DN 250	94.3 (1368)	89.4 (1297)	85.7 (1243)	83.2 (1207)

Tab. 29: 压力温度表 - GOST 法兰 PN 100。所有尺寸均以巴 (psig) 为单位。

PN 160

温度	100 °C (212 °F)	150 °C (302 °F)	200 °C (392 °F)	250 °C (482 °F)	300 °C (572 °F)	350 °C (662 °F)	400 °C (752 °F)
DN 50	160 (2321)	160 (2321)	153.5 (2226)	142.3 (2064)	134.9 (1957)	129.3 (1875)	125.6 (1822)
DN 65	160 (2321)	160 (2321)	152.8 (2216)	141.7 (2055)	134.2 (1946)	128.7 (1867)	125 (1813)
DN 80	160 (2321)	160 (2321)	154.6 (2242)	143.4 (2080)	135.9 (1971)	130.3 (1890)	125.6 (1822)
DN 100	160 (2321)	146.2 (2121)	134 (1944)	124.3 (1803)	117.8 (1709)	112.9 (1638)	109.7 (1591)
DN 125	155 (2248)	140.2 (2033)	128.5 (1864)	119.2 (1729)	112.9 (1638)	108.3 (1571)	105.1 (1524)
DN 150	160 (2321)	151 (2190)	138.4 (2007)	128.3 (1861)	121.6 (1764)	116.6 (1691)	113.2 (1642)
DN 200	160 (2321)	150.6 (2184)	138 (2002)	128 (1857)	121.3 (1759)	116.3 (1687)	112.9 (1638)
DN 250	157.8 (2289)	142.7 (2070)	130.8 (1897)	121.3 (1759)	115 (1668)	110.2 (1598)	107 (1552)

Tab. 30: 压力温度表 - GOST 法兰 PN 160。所有尺寸均以巴 (psig) 为单位。

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