

RA6 Series Minimum and Maximum Pressure Ratings – **psig (barg) @ 72°F (22°C)**

Disk Size	With Liner (RA6-L)	Minimum Burst Pressures – psig @ 72°F (barg @ 22°C)								Maximum Burst Pressure		MNFA in ² (cm ²)
		316SS		Inconel		Monel		Nickel		Liquid	Gas	
		Liquid	Gas	Liquid	Gas	Liquid	Gas	Liquid	Gas			
1"	34	26	26	26	26	26	26	26	26	200	144	0.86
25 mm	(2.34)	(1.79)	(1.79)	(1.79)	(1.79)	(1.79)	(1.79)	(1.79)	(1.79)	(13.79)	(9.93)	(5.5)
1-1/2"	20	22	22	20	20	20	20	20	20	167	120	2.00
40 mm	(1.38)	(1.52)	(1.52)	(1.38)	(1.38)	(1.38)	(1.38)	(1.38)	(1.38)	(11.52)	(8.28)	(12.90)
2"	18	20	20	18	18	18	18	18	18	118	100	3.36
50 mm	(1.24)	(1.38)	(1.38)	(1.24)	(1.24)	(1.24)	(1.24)	(1.24)	(1.24)	(8.14)	(6.9)	(21.70)
3"	16	18	18	16	16	16	16	16	16	68	65	7.25
80 mm	(1.1)	(1.24)	(1.24)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(4.69)	(4.48)	(46.80)
4"	14	16	16	14	14	14	14	14	14	69	55	12.53
100 mm	(0.97)	(1.1)	(1.1)	(0.97)	(0.97)	(0.97)	(0.97)	(0.97)	(0.97)	(4.76)	(3.79)	(80.80)
6"	12	14	14	12	12	12	12	12	12	67	45	26.59
150 mm	(0.83)	(0.97)	(0.97)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(4.62)	(3.1)	(171.50)
8"	12	12	12	12	12	12	12	12	12	54	35	45.48
200 mm	(0.83)	(15.24)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(3.72)	(2.41)	(293.40)
10"	12	12	12	12	12	12	12	12	12	46	30	70.52
250 mm	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(3.17)	(2.07)	(455.00)
12"	12	12	12	12	12	12	12	12	12	38	26	98.33
300 mm	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(0.83)	(2.62)	(1.79)	(634.40)
Max. Temp.	500°F (260°C)	900°F (482°C)		900°F (482°C)		900°F (482°C)		750°F (399°C)				

NOTE: For materials, sizes, burst ratings and temperatures not shown, contact ZOOK

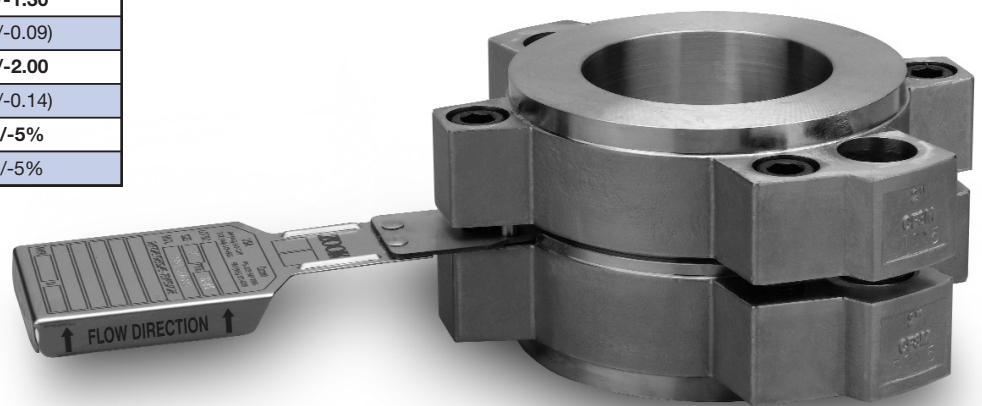
Manufacturing Range / Burst Tolerance
psig (barg) @ 72°F (22°C)

Specified Burst Pressure Rating	Manufacturing Ranges	Burst Tolerance
1 to below 5 (0.07 to below 0.34)	0%, -5%, -10%	+/-0.50 (+/-0.03)
5 to below 10 (0.34 to below 0.69)		+/-0.80 (+/-0.06)
10 to below 15 (0.69 to below 1.03)		+/-1.30 (+/-0.09)
15 to 40 (1.03 to 2.76)		+/-2.00 (+/-0.14)
Above 40 (Above 2.76)		+/-5% (+/-5%)

Notes:

- 0% manufacturing range might not be available in all materials
- Burst tolerances are the maximum expected variation from the disk's marked burst pressure

RA6 Series Disk mounts into RAH Series Disk Holder (refer to ZOOK product bulletin 475100)



Certified Flow Resistance factors

Disk Type	K _{rl} (Liquid)	K _{rg} (Gas)
RA6 Series	0.98	0.80

Monel – TM Huntington Alloys
Inconel – TM International Nickel



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