

Flat rupture discs



## FLAT RUPTURE DISCS

### For protection against overpressure and vacuum in gases and liquids

Flat rupture discs from REMBE® offer you fragmentation-free opening across the full width of the vent.

They can be produced in virtually any size, for extremely low pressures from 15 mbar and with very low burst tolerances.

# FLAT RUPTURE DISCS

For protection against overpressure and vacuum, e.g. in storage vessels and low pressure systems. Also suitable as a secondary safety device alongside breather valves. This rupture disc is designed to work at standard operating ratios of up to 50%\* of the min. response pressure. It is installed directly between flanges and due to its half holes is suitable for all flange systems. A wide range of materials can be used as seals.

## Your advantages

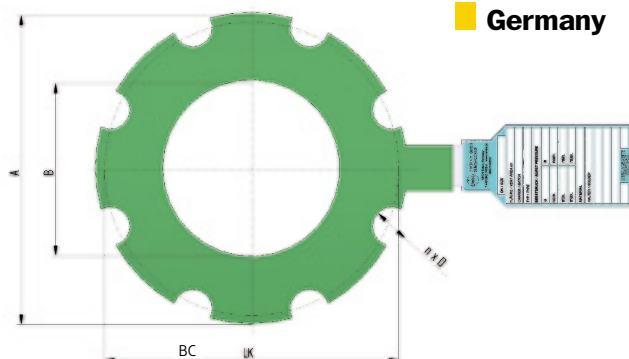
- Requires less space than safety valves due to the lower installation height.
- Available for all flanges and in any nominal width.
- No holder required for installation.

\* Depending on the specific application

Also available in a vacuum resistant version



Made in Germany



### Technical data

NPS [in]	DN [mm]	pressure class		B [mm]	A [mm]	BC [mm]	n [mm]	D [mm]
		PN	ANSI					
¾"	20	16-40	300-1500	22	73	75	4.0	14
1"	25	6-40	150-900	29	76	80	4.0	16
1½"	40	6-40	150-900	43	95	100	4.0	18
2"	50	16-40	150-300	55	107	120	4.0	20
3"	80	6-64	150-900	83	165	156	8.0	24
4"	100	16-64	150-600	107	190	186	8.0	24
6"	150	16-40	150-300	160	247	244	8.0	26
8"	200	6-10	150-300	208	276	280	8.0	18
10"	250	6-10	150-300	261	315	-	-	-
12"	300	6-10	150-300	310	370	-	-	-
14"	350	6-10	150-300	342	420	-	-	-
16"	400	6-10	150-300	393	473	-	-	-
18"	450	6-10	150-300	465	528	-	-	-
20"	500	6-10	150-300	494	575	-	-	-
24"	600	6-10	150-300	596	675	-	-	-
28"	700	6-10	150-300	697	780	-	-	-
30"	750	6-10	150-300	762	876	-	-	-
32"	800	6-10	150-300	799	885	-	-	-
36"	900	6-10	150-300	900	985	-	-	-
40"	1000	6-10	150-300	1002	1085	-	-	-

Different sizes, pressure classes, temperatures, materials and fittings available on request.

You can find detailed information and contact details for enquiries relating to flat rupture discs at [www.rembe.de](http://www.rembe.de). Or just give us a call: T +49 2961 7405-0, [info@rembe.de](mailto:info@rembe.de).

You can find appropriate rupture disc holders and signalling devices from page 32.