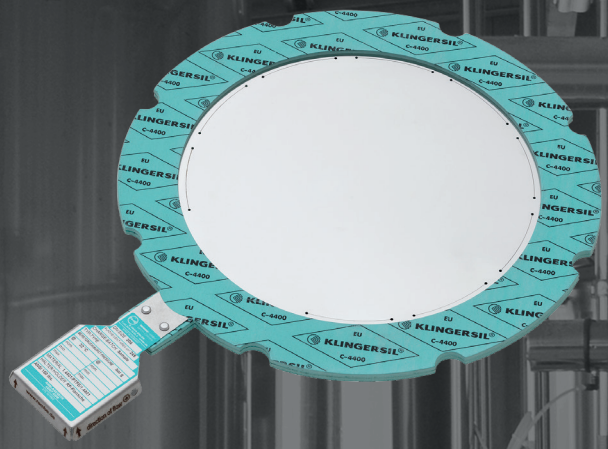
Safety is for life.™

New Type designation*

FRD
flat
rupture disc.



Reliable. German.
Safety.

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.

Applications

chemical industry , power plants, oil and gas separation and treatment, petrochemical plants, process vessels, refineries, silos

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.**

* The new standardised type designation for the flat rupture discs is FRD. This replaces old type designations such as SB, DODOD, DODUD or similar.

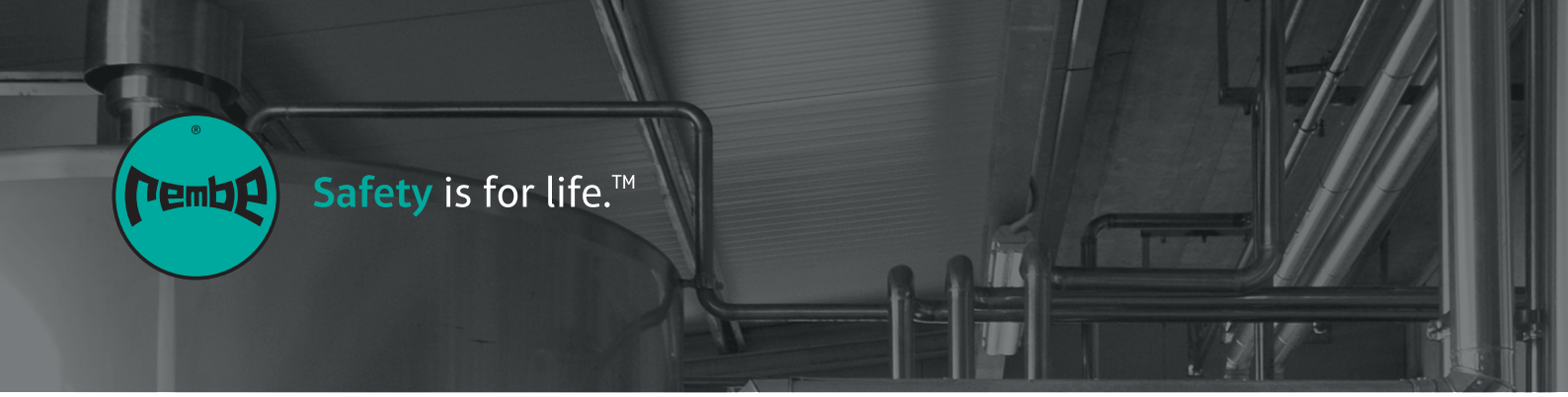


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Visit rembe.de for detailed information and your personal contact.

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REMBE® Sustainability: Not only do we provide professional safety for your plant and machinery and protect human life, but our products also avoid harmful emissions sustainably eliminate leaks and/or reduce noise pollution. You can find more information on sustainability at rembe-green.de.

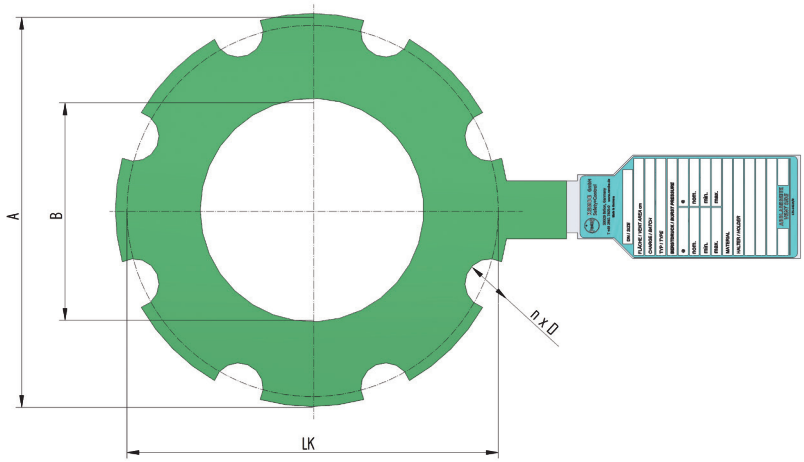


Safety is for life.™

Technical data

NPS	DN	pressure class		B	A	BC	n	D
[in]	[mm]	PN	ANSI	[mm]	[mm]	[mm]	Quantity	[mm]
¾"	20	16 – 40	300 – 1500	22	73	75	4	14
1"	25	6 – 40	150 – 900	29	76	80	4	16
1¼"	32	6 – 40	150 – 600	38	95	93	4	17
1½"	40	6 – 40	150 – 900	45	95	100	4	18
2"	50	6 – 40	150 – 600	58	107	110	4	14
2,5"	65	6 – 40	150 – 600	71	130	127	4	14
3"	80	6 – 64	150 – 900	84	165	156	8	24
4"	100	6		108	170	170	4	18
		10 – 64	150 – 600	108	190	186	8	24
5"	125	6 – 40	150	131,7	216	204,4	8	22,4
6"	150	6		160	225	225	8	18
		10 – 40	150 – 300	160	247	244	8	26
8"	200	6 – 10	150	208	276	280	8	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.



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