



Safety is for life.™

PRODUCT INFORMATION



THE REVERSE ACTING RUPTURE DISC WITH THE PATENTED MANUFACTURING PROCESS

The IKB® rupture disc was developed to provide reliable protection against excessive overpressure and vacuum in equipment such as pressure vessels, pipe systems, gas cylinders and reactors. It is suitable for applications with gas, steam and liquids¹ as well as for isolating safety valves. IKB® permits a standard operating ratio of up to 95 %².

The patented manufacturing process produces an instant, full and fragmentation-free opening across the full width of the vent. High quality rupture disc produced without the need for mechanical scoring or knife constructions. This ensures exceptionally high resistance even under cyclic loads.

¹If there is a gas cushion upstream of the rupture disc.

²Depending on the specific application

■ Made
■ in
■ Germany



You can find detailed information and contact details for enquiries relating to IKB at www.rembe.de.
Give us a call on: T +49 2961 7405-0 or contact us via email: info@rembe.de.





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Your advantages

- Maximum safety even at high pressures.
- You can use safety valves manufactured from lower cost materials because they do not come into contact with the medium during normal operation.
- In-situ tests reduce safety valve maintenance costs.



Technical data

Max. recommended temperature*

Stainless steel	+400 °C
Hastelloy**	+400 °C
Nickel	+400 °C
Inconel**	+600 °C

Vent area and pressure range***

NPS [in]	DN [mm]	Vent area*** [cm ²]	Min. burst pressure [bar]	Max. burst pressure [bar]	Installation height [mm]
¾"	20	3.4	8.0	100	41
1"	25	5.5	3.5	100	46
1½"	40	13	2.0	64	46
2"	50	22	1.5	64	53
3"	80	50	1.0	40	60
4"	100	80	0.80	40	68
6"	150	180	0.50	40	80

*Vent area compliant with PED certification, MNFA (ASME Sec. VIII, Div. 1) may vary.

**Company Names or trademarks combined with material descriptions are only used for description purposes.

The product promoted is not product of the respective companies and trademarks.

Temperature range for rupture discs with CE mark may vary.

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



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REMBE® GmbH Safety+Control

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