



STAR

For low to high pressures

STAR is a three-section solution primarily used in applications with low to high response pressures, especially in the oil and gas industry, petrochemicals and chemicals, applications with liquified gases and processes that involve pressure cycling. The standard operating ratio is up to 80%* of the minimum response pressure. Extremely tight tolerances of +/- 5% are possible. For applications with a burst pressure of less than 1 barg, STAR can be installed directly between flanges.

The advanced manufacturing process guarantees minimum fragmentation when opening even at the highest pressures. Its star-shaped opening pattern is flatter than that of other rupture discs so it requires less installation height. The multi-section design and integrated vacuum support guarantee high vacuum resistance.

Technical data

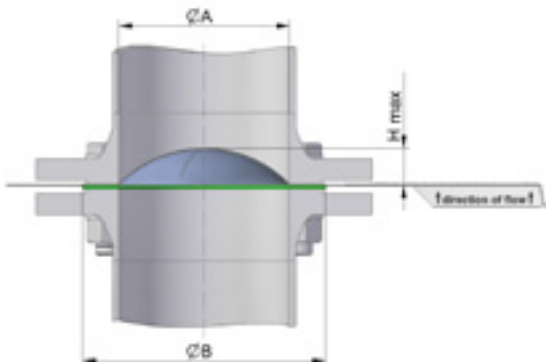
NPS [in]	DN [mm]	Ø A [mm]	Ø B [mm]	H max [mm]
1"	25	29	56	12
1½"	40	43	78	15
2"	50	55	89	20
2½"	65	71	115	25
3"	80	83	130	35
4"	100	107	152	35
5"	125	132	180	40
6"	150	160	205	45
8"	200	208	260	50
10"	250	261	315	60
12"	300	310	370	70
14"	350	342	420	80
16"	400	393	470	80
18"	450	465	555	80
20"	500	494	575	90
22"	550	560	660	90
24"	600	596	675	100

Dimensions compliant with DIN EN 1092-1 type 11 (DIN 2631 following). Different sizes, pressure classes, temperatures, materials and fittings available on request.

Your advantages

- **Minimal space required due to low height and star-shaped opening pattern.**
- **Cost-effective** as different materials can be used for the individual elements of the rupture disc.
- **Minimum risk of fragmentation** even at high pressures.
- **Also suitable for isolating safety valves.**

* Depending on the specific application



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