

# Jinbo Marine

Marine & Offshore Equipment Datasheet


PRODUCT DATASHEET

## REVERSE ACTING BURSTING DISC

# YC Bursting Disc

YC Bursting Disc is reverse domed slotted bursting disc (Reverse domed bursting disc with groove). Structure Features: The bursting disc is of single layer diaphragm, with impair score in the concave. When th...

- ISO9001 Supplier
- Class Certificate
- Export Supply



### Key Highlights

<b>Category</b>	Reverse Acting Bursting Disc
<b>Standard</b>	EN
<b>Material</b>	Aluminum, Copper, Stainless Steel, Steel
<b>Certificate</b>	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

## Technical Specifications

<b>Category</b>	Reverse Acting Bursting Disc	<b>Model / SKU</b>	YC-Bursting-Disc
<b>Standard</b>	EN	<b>Material</b>	Aluminum, Copper, Stainless Steel, Steel
<b>Certificate</b>	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	<b>Warranty</b>	12 Months unless specified otherwise
<b>Origin</b>	China		

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## China YC Bursting Disc:

YC Bursting Disc is reverse domed slotted bursting disc (Reverse domed bursting disc with groove).



## Structure Features:

The bursting disc is of single layer diaphragm, with impair score in the concave. When the dome reversed at the bursting pressure, the bursting disc opens along the score.

## Technical Features:

1. Applied in gas medium and gas-liquid medium;
2. .With the high ability to withstand back pressure, it can bear the full vacuum without any support;
- 3.The maximum operating pressure can reach 90% of the bursting pressure;
- 4.Anti-fatigue, and it can be used in places with fluctuating pressure
- 5.No fragments are generated in bursting, and the serial usage with the safety relief valve is available;
- 6.No sparks are generated in bursting.

## Bursting Pressure Range of Reverse Domed Burst Disc:

Bursting Pressure in normal temperature (min~max Mpa)				
Relief Diameter(mm)	Reverse domed with knife blade (YD)	Reverse domed with alligator (YE)	Reverse domed slotted (YC)	Reverse domed seamed (YF)
20	1.8-12	0.14-5.0	0.6-11	0.4-7.0
25	0.2-12	0.14-5.0	0.6-11	0.4-7.0
32	0.2-12	0.14-5.0	0.55-10	0.4-6.0
40	0.15-12	0.13-4.2	0.5-9.0	0.2-5.0
50	0.1-11	0.12-3.4	0.4-8.0	0.15-4.0
65	0.08-10	0.11-2.6	0.35-7.0	0.03-3.0
80	0.08-9.0	0.10-1.8	0.3-6.0	0.02-2.7
100	0.08-8.0	0.10-1.3	0.3-5.0	0.01-2.4
125	0.07-7.0	0.08-1.0	0.25-4.0	0.01-2.1
150	0.07-6.0	0.08-0.7	0.25-3.5	0.008-1.8
200	0.07-4.6	0.07-0.5	0.2-2.5	0.008-1.4
250	0.06-3.0	0.07-0.35	0.2-2.0	0.005-0.9
300	0.06-2.0	0.06-0.25	0.16-2.0	0.005-0.3
350	0.06-1.5	/	/	0.005-0.1
400	0.05-1.2	/	/	0.005-0.05
450	0.05-0.8	/	/	0.005-0.05