FORWARD ACTING BURSTING DISC

LP Bursting Disc

ISO9001 Supplier

Class Certificate

Export Supply

LP Bursting Disc is the the normal forward acting bursting disc, the forward acting bursting disc is also called as conventional domed bursting disc. Structure features of LP Bursting Disc: the bursting disc ...



Key Highlights

Category	Forward Acting Bursting Disc
Standard	EN
Material	Aluminum, Stainless Steel, Steel
Certificate	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

Category	Forward Acting Bursting Disc	**Model / SKU**	LP-Bursting-Disc
Standard	EN	**Material**	Aluminum, Stainless Steel, Steel
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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China LP Bursting Disc:

LP Bursting Disc is the the normal forward acting bursting disc, the forward acting bursting disc is also called as conventional domed bursting disc.

Structure features of LP Bursting Disc:

the bursting disc is of single-layer diaphragm, and they burst due to tensile stresses when the bursting pressure is applied to the concave side of the bursting disc. Therefore, this kind of bursting disc is also called tensile bursting disc.

Technical features:

1. Applied to gas, liquid medium and the operating conditions of higher bursting pressure;

2.With the support to withstand back pressure (code: LPT);
3.Maximum operating pressure can reach 70% of the bursting pressure;
4.Fragments may arise in bursting, so the serial usage with the safety relief valve is not recommended.
5.Due to material restrictions on its own strength, bursting pressure has some limitations.

Bursting Pressure Range of Conventional Domed Bursting Disc:

Bursting Pressure in normal temperature (min~max Mpa)			
Relief Diameter(mm)	Conventional Domed Simple(LP)	Conventional Domed Seamed(LF)	Conventional Domed Slotted(LC)
5	1-100	/	/
10	0.8-100	0.2-10.0	8-80
15	0.65-90	0.15-10	6-70
20	0.65-85	0.14-9	4-60
25	0.55-83	0.06-9	2-50
32	0.55-80	0.05-8	1.5-42
40	0.45-70	0.03-8	1.3-38
50	0.4-60	0.03-7	1.0-28
65	0.4-50	0.02-6	0.5-25
80	0.35-35	0.02-6	0.4-22
100	0.3-25	0.015-5	0.3-15
125	0.28-20	0.015-5	0.3-12
150	0.25-15	0.01-3	0.3-10
200	0.25-12	0.01-2.5	0.2-8.5
250	0.2-8	0.008-2	0.2-6
300	0.2-6	0.008-1.5	0.2-5.5
350	0.15-5	0.008-1.0	0.2-2
400	0.15-3.5	0.005-0.8	0.2-1.5
450	0.15-2.5	0.003-1.0	/
500	/	0.003-1.0	/
600	/	0.003-0.6	/
1000	/	0.003-0.3	/