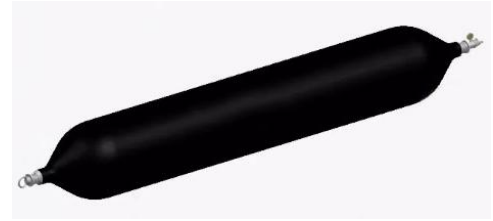


NANHAI SHIP LAUNCHING AIRBAGS

NANHAI is the international leading ship launching airbags manufacturer with 20 years in airbags production. **NANHAI Ship launching airbags** design and manufacture according to ISO 14409:2011. And each item parameter far exceed ISO14409. **"Superior Guarantee, Supreme Guard"**



The core indicators of ship launching airbag quality comes from Rated Working Pressure, Bearing Capacity and Minimum Burst Pressure. These data are calculated by specific calculation formulas. Another important indicator is **NANHAI ship launching airbag safety factor could reach at least 4.5 times.** (Normal 3 times)

Airbag Layers	Diameter	Rated Working Pressure	Bearing Capacity at 70% Compress Deformation	Minimum Burst Pressure
	m	kPa	KN/m	kPa
6 Layers	1.2	197	260	887
	1.5	157	259	709
	1.8	131	259	591
7 Layers	1.2	229	302	1031
	1.5	183	302	824
	1.8	152	301	687
8 Layers	1.2	260	343	1172
	1.5	208	343	937
	1.8	173	342	781
9 Layers	1.2	291	384	1311
	1.5	233	384	1049
	1.8	194	384	874

(Layers: The numbers of synthetic tire cord layers)

$$F=PS, S=\pi \times (D-H)/2$$

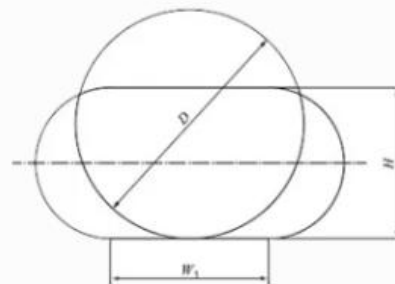
F: Bearing Capacity (Unit:KN/m)

P: Working Pressure (Unit:kPa)

S: Contact Area (Unit:m²)

D: Airbag Diameter (Uncompressed)

H: Height after airbag compressed



Notes According to the size (width, length) and weight of different ships, the selection of ship launching airbags need to be designed and calculated (if customer need selection and specific data, please contact us). Therefore, the airbag parameters of some models are listed here for reference.

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