

## ONCE BELIEVE, TRUST FOREVER!

## RINA Grade B shipbuilding steel plate

RINA grade B steel is a kind of hot rolled general tensile strength steel. The RINA B grade steel plates have yield strength of 34,100 psi (235 MPa), and ultimate tensile strength of 58,000 - 75,500 psi (400-520 MPa). RINA steels come 4 grades in ordinary-strength steel for shipbuilding and grade B is one of them.

The application of RINA Grade B shipbuilding steel plate

RINA Grade B shipbuilding steel plates can be used for ship repairing, the offshore oil drilling platform, the platform pipe joints and other components.

| Element | RINA Grade B Max % | Element | RINA Grade B max % |  |
|---------|--------------------|---------|--------------------|--|
| С       | 0.21               | Ni      |                    |  |
| Mn      | 0.80               | Мо      |                    |  |
| Si      | 0.35               | AI      |                    |  |
| S       | 0.035              | Nb      |                    |  |
| Р       | 0.035              | V       | -                  |  |
| Cu      | -                  | Ti      |                    |  |
| Cr      | -                  | N       | -                  |  |

RINA Grade B shipbuilding steel plate Chemical Composition Heat Analysis

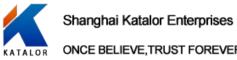
RINA Grade B shipbuilding steel plate Steel Mechanical Properties

|              | Thickness |           | Tensile<br>Strength | Elongation | Impact Energy |
|--------------|-----------|-----------|---------------------|------------|---------------|
| Grade        | (mm)      | MPa (min) | MPa                 | % (min)    | (KV J) (min)  |
|              |           |           |                     |            | 0 degree      |
| RINA Grade B | 4-260     | 235       | 400-520             | 22         | 27J           |

Note: the impact energy under less 50mm thickness

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Area, Pudong New District, Shanghai



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Rolling Size of RINA Grade B shipbuilding steel plate

| Thickness | 3-150mm      |  |
|-----------|--------------|--|
| Width     | 1220-4200mm  |  |
| Length    | 5000-18000mm |  |

Notes: coil thickness  $\leq 25$ mm

Katalor has a long story on supplying RINA Grade B shipbuilding steel plate.recent years, there are more and more buyers of RINA Grade B shipbuilding steel plate buy RINA Grade B shipbuilding steel plate from katalor. Katalor is one of pupular suppliers in china. Any question or inquiry please send to email:info@katalor.com



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specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on

international market, Katalor'service has already spread many countries in

Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

## **Contact US:**

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