



KR Grade B shipbuilding steel plate

KR Grade B shipbuilding steel plate are almost exclusively used in the Shipbuilding Industry for the construction of structural parts of ships, barges and marine equipment. KR Grade B shipbuilding steel plates have yield strength of 34,100 psi (235 MPa), and ultimate tensile strength of 58,000 - 75,500 psi (400-520 MPa).

The application of KR Grade B shipbuilding steel plate

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

KR Grade B Shipbuilding Steel Chemical Composition Heat Analysis:

| Element | KR Grade B Max % | Element | KR Grade B max % |
|---------|------------------|---------|------------------|
| C | 0.21 | Ni | - |
| Mn | 0.80 | Mo | - |
| Si | 0.35 | Al | - |
| S | 0.035 | Nb | - |
| P | 0.035 | V | - |
| Cu | - | Ti | - |
| Cr | - | N | - |

KR B Ship Steel Mechanical Properties:

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

Note: the impact energy under less 50mm thickness

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The rolling size of KR Grade B shipbuilding steel plate

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

Notes: coil thickness \leq 25mm

KR steels come 4 grades in ordinary-strength steel for shipbuilding and KR Grade B is one of them. Katalor can supply BV,LR and others Certificate of classification society. KR Grade B shipbuilding steel plate canbe supplied by katalor with good quality, fast delivery and one class service. Contact us by email:info@katalor.com



specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market,Katalor'sservice has already spread many countries in

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