



A302 GR.B steel works/steel structures/steel machining parts

A302 GR.B steel are under standard SA-302/SA-302M. A302 GR.B is a kind of chromium-manganese-silicon alloy steel and it is usually delivered at normalized condition and UT test in accordance with A578 Level C. The equivalent steel grade of A302 GR.B is UK Gr.27.31, and the certificate of A302 GR.B steel plates should be in accordance with EN 10204 3.1 or EN 10204 3.2.

A302 Grade B steel inspection and tests:

Ultrasonic Examination, Product Analysis, Simulated pos-weld heat treatment of mechanical, Maximum Tensile strength, Drop weight test, Reduction of area measurement and test coupons, Charpy V notch impact test for structural shapes.

A302 GR. B steel chemical compositions, %

C 0.25max

Si 0.13-0.45

Mn 1.07-1.62

P 0.035max

S 0.035max

Mo 0.41-0.64

A302 Grade B steel mechanical property:

Tensile strength, [550-690] MPa

Yield strength, min [345] MPa

Elongation in 8 in. [200 mm], min 15%

Elongation in 2 in. [50 mm], min, 18 %

Katalor can supply A302 GR.B steel plates at standard specification or special specifications, and we can do deep processing work for A302 GR.B steel plates as your per demanding, such as cutting, cold bending, drilling, welding etc. So we can process the A302 GR.B steel plates into A302 GR.B steel work/steel structure/steel machining part. If you have the demand, please send us the drawings, our professional engineers can change your paper drawings into 3D drawings and give you the technical support.



Shanghai Katalor Enterprises

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Shanghai Katalor Enterprises Co., Ltd located in Shanghai of China, is specialized in manufacturing and exporting steel and casting products. Based on the domestic rich product resources and professional research on the international market, Katalor's service has already spread to many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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