



JIS G3103 SB480M steel work/steel structure/steel machining parts

The main purpose of JIS G3103 SB480M is for boilers and other pressure vessels use, and the thickness of JIS G3103 SB480M steel plate range from 6mm to 150mm. After welding, cutting and bending work, Katalor can offer customer different kind of JIS G3103 SB480M steel work/steel structure/steel machining parts.

The chemical composition of JIS G3103 SB480M steelwork, steel structure, steel machining parts

Grade	C max		Si	Mn max	P max	S max	Mo
SB 480M	t≤25mm	0.20	0.15 - 0.40	0.90	0.030	0.030	0.45- 0.60
	25≤t < 50mm	0.23					
	50≤t < 100mm	0.25					
	100≤t < 150mm	0.27					

The mechanical property of JIS G3103 SB480M steelwork, steel structure, steel machining parts

Grade	Tensile strength	Yield strength min	Elongation % min
SB 480M	480-620	275	17



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The shape, dimension, mass and tolerances of JIS G3103 SB480M steel plate will comply with JIS G3193.

Heat treatment: when thickness is 38mm or under, as rolled is the common delivery condition. When thickness large than 38mm, the steel plate should be normalizing.

Our product: Air storage tank, reaction still, flange, waste gas cleaning tower, separator, chemical tower, heat exchanger, storage tank, etc.

Heat treatment: annealing, quenching, tempering, hardening and tempering.

Product size: As customers design.

Application: Oil and gas storage, chemical reaction container, store water and gas, and so on.

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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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