



EN 10028-3 P275NH / P275NL1 / P275NL2 steel structure / steel work / steel machining parts

P275NH / P275NL1 / P275NL2 steel machining parts are widely applied to boilers and Pressure Vessels steels. It is a normalized steel plate and sheet which is mainly used for building pressure vessels, boilers and pipes for hot liquid. As the P275NH / P275NL1 / P275NL2 steel work manufacturer, we usually keep hundred tons of P275NH / P275NL1 / P275NL2 steel structure and steel plate in stock each month.

Katalor Enterprises is a big integrated steel stockist whose business is related to trade, processing, storage and transportation etc. Katalor Enterprises occupies a total area of more than 20,000 square meters for workshop and stock of 500,000 tons steel. We are specialized in producing and exporting P275NH / P275NL1 / P275NL2 steel work etc. We can design according to customer's requirements, and then make the quotation according to customer's drawings.

EN 10028-3 P275NH / P275NL1 / P275NL2 Steel Structure Chemical Composition

Steel grade		Chemical composition														
Steel name	Steel number	Cmax	Si max	Mn	P max	S max	Al(total) min	N max	Cr max	Cu max	Mo max	Nb max	Ni max	Ti max	V max	Nb + Ti + V max

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



P2 75 N H	1. 04 87	0. 16	0. 40	0. 80	0. 02 5	0. 01 5	0. 02 0	0. 01 2	0. 30	0. 30	0. 08	0. 05	0. 50	0. 03	0. 05	0. 05
P2 75 NL 1	1. 04 88			1. 50												
P2 75 NL 2	1. 11 04				0. 02 0	0. 01 0										

EN 10028-3 P275NH / P275NL1 / P275NL2 Steel Spare Parts Mechanical Properties

Steel grade		General delivery conditions	steel thickness t mm	yield strength ReH MPa min	Tensile strength MPa	After fracture Elongatio n A,% min
Steel name	Steel number					
P275NH	1.0487	Normalizi ng	≤16	275	390~510	24
P275NL1	1.0488		16<t≤40	265		
P275NL2	1.1104		40<t≤60	255		

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Shanghai Katalor Enterprises

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			60<t≤100	235	370~490	23
			100<t≤150	225	360~480	
			150<t≤250	215	350~470	

P275NH / P275NL1 / P275NL2 steel work Processing equipment:

Planing machine, CNC drilling plane, Ultrasonic flaw detector, End Milling Machine, CO2 gas shielded arc welding, Semi-automatic cutting machine.

Based on these advanced resource, Katalor can totally improve the steel process including cutting (many size and any shape), drilling, bending, beveling and welding. We also offer the P275NH / P275NL1 / P275NL2 steel machining parts. If you have any requirement for the price of P275NH / P275NL1 / P275NL2 steel work provided, please feel free to contact us!

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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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