



SHANXI HONGLU SANLI IMPORT & EXPORT TRADING CO.,LTD.

PRODUCT CATALOG



ABOUT US

山西鸿庐三立进出口贸易有限公司起始于2012年。公司总部坐落于山西太原，毗邻太钢，并在上海、山东、广东等地设立办事机构，以承接宝武、济钢等大型钢企的产品销售。

公司主要产品有硅钢，铁芯和定转子等硅钢加工件。多条产线，可以使我们根据客户需要，进行生产加工。秉持“质量就是生命”的经营理念，公司不断完善质量监管体系，稳定产品质量，提高客户满意度，力争成为成为国内外广大客户认可品牌。目前，公司年贸易量已实现3万吨，并且呈稳步增长趋势。

我们的客户遍及能源，电力，电气制造等领域，产品远销印度、孟加拉、捷克、埃及、加拿大、巴西，墨西哥，土耳其，沙特阿拉伯、老挝、越南等国。我们竭诚欢迎海内外各界朋友密切合作，共同发展。

Shanxi Honglu Sanli Import and Export Trading Co., Ltd. was established in 2012. Corporate headquarters is located in Taiyuan, Shanxi Province, adjacent to TISCO, and has set up offices in Shanghai, Shandong, Guangdong and other places to undertake the product sales of large steel enterprises such as Baowu and Jigang.

The main products of the company are silicon steel, core, stator and rotor and other silicon steel products. Multiple production lines enable us to produce and process according to customer needs. Adhering to the business philosophy of "quality is life", the company constantly improves the quality supervision system, stabilizes product quality, improves customer satisfaction, and strives to become a recognized brand for customers at home and abroad. At present, the company's annual trade volume has reached 30,000 tons, and shows a steady growth trend.

Our customers cover the fields of energy, electricity, electrical manufacturing, etc. Our products are exported to India, Bangladesh, Czech Republic, Egypt, Canada, Brazil, Mexico, Turkey, Saudi Arabia, Laos, Vietnam and other countries. We sincerely welcome friends from all walks of life at home and abroad to cooperate closely and develop together.

CORPORATE CULTURE

立德 · 服務為民

Establish a noble character, quality service

立功 · 品質為先

Provide quality products, quality commitment

立言 · 誠信為本

Build trust with customers, integrity-based

目录

CONTENTS

01 | 硅钢 Silicon steel

取向硅钢 Oriented silicon steel -----01-08

无取向硅钢 Non-oriented silicon steel--09-15

02 | 硅钢加工产品 Silicon steel products

分条 Silt coil-----17-18

铁芯 Transformer core-----19-20

定子和转子 Stator and rotor-----21-23

03 | 变压器 Transformer

变压器 Transformer-----24-25

硅钢 Silicon steel

Silicon steel is mainly divided into cold-rolled grain oriented silicon steel and cold-rolled grain non-oriented silicon steel.

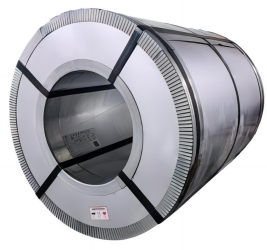
The grain direction of oriented silicon steel is distributed along the rolling direction and has excellent characteristics such as high magnetic induction, low iron loss and etc..At the same time,it can also be processed by magnetic domain thinning technology to obtain lower iron loss. CRGO is widely used in transformer industry.The grain direction of non-oriented silicon steel is randomly distributed, and the electromagnetic properties are uniform. CRNGO is widely used in the field of motor industry.

Our company's silicon steel products from Baowu,Shougang and other large iron and steel enterprises.Besides, we also have the right sales from many private mills.



Product Description

Oriented electrical steel is also called cold-rolled oriented silicon steel. It refers to cold-rolled electrical steel containing 2.9% to 3.5% Si, with a certain regularity and direction of the steel plate crystal structure. Oriented electrical steel is an indispensable soft magnetic material in the power industry, mainly used in various types of rectifiers, transformers, reactors and large motors, and is used to manufacture the cores of various transformers.

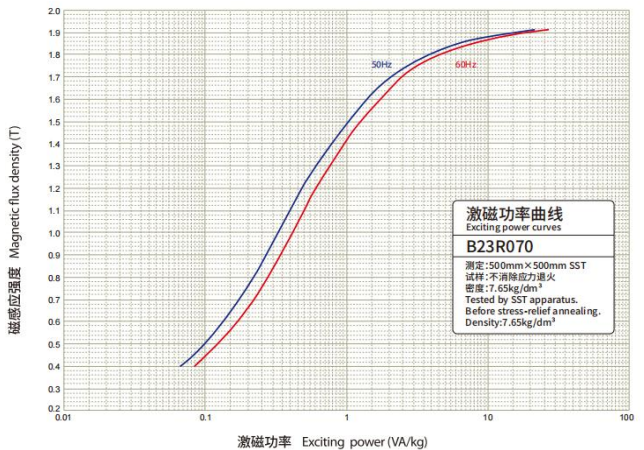
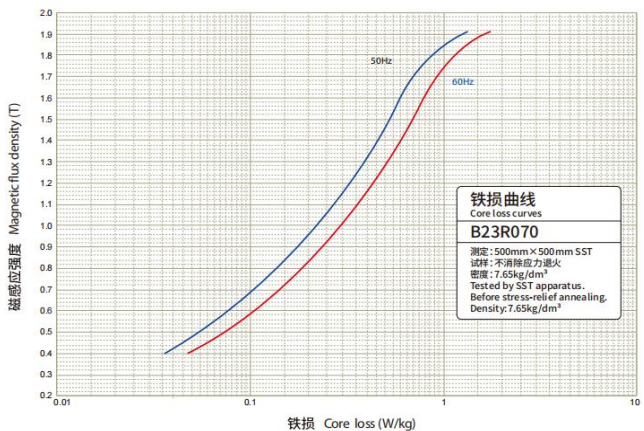


Product standard size

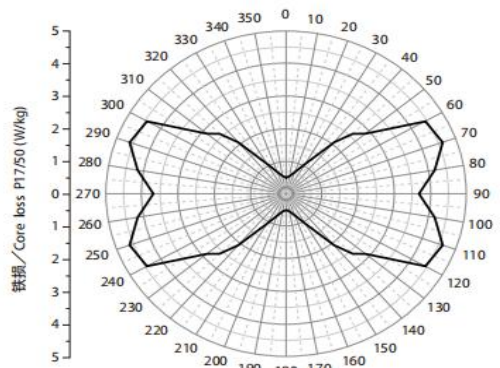
Thickness (mm)	Width (mm)	Inside diameter (mm)
0.20 0.23 0.27 0.30	700-1200	508

Type	Grade	Specific total loss(W/kg)	Magnetic polarization(T)
		P17/50	B8
High permeability type	18P075	0.74	1.89
	18P080	0.79	1.89
	20P075	0.74	1.91
	20P080	0.79	1.89
	23P085	0.83	1.92
	27P095	0.92	1.91
	27P100	0.94	1.91
	30P105	0.99	1.91
Domain refined type	18R055	0.54	1.91
	18R060	0.59	1.92
	18R065	0.64	1.91
	20R060	0.59	1.92
	20R065	0.63	1.92
	20R070	0.68	1.91
	23R070	0.69	1.90
	23R075	0.74	1.92
	23R080	0.77	1.91
	23R085	0.80	1.91
	27R080	0.78	1.92
	27R085	0.82	1.91
	27R090	0.86	1.90
	30R090	0.88	1.92
	30R100	0.94	1.91

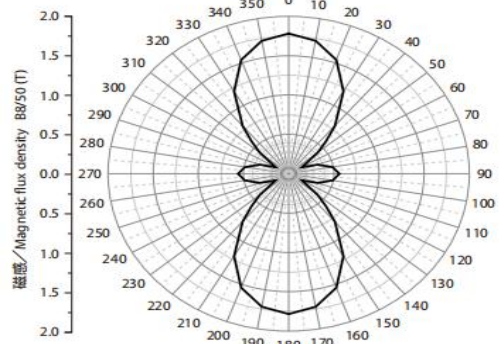
Typical Magnetic Curves



Magnetic properties along various directions



B23R070



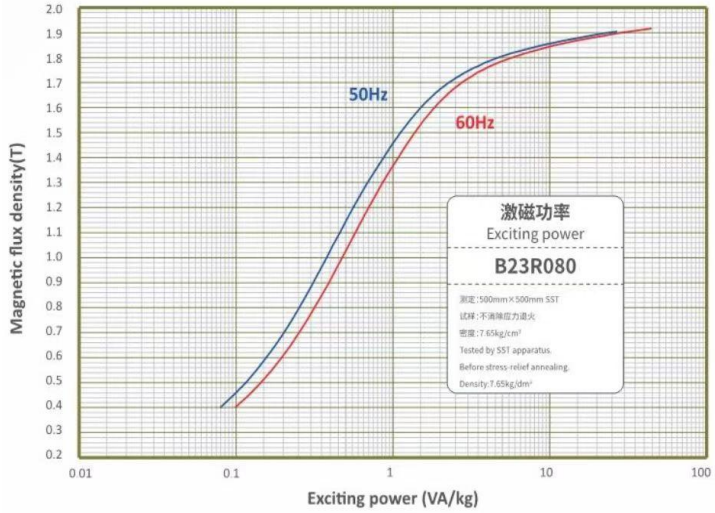
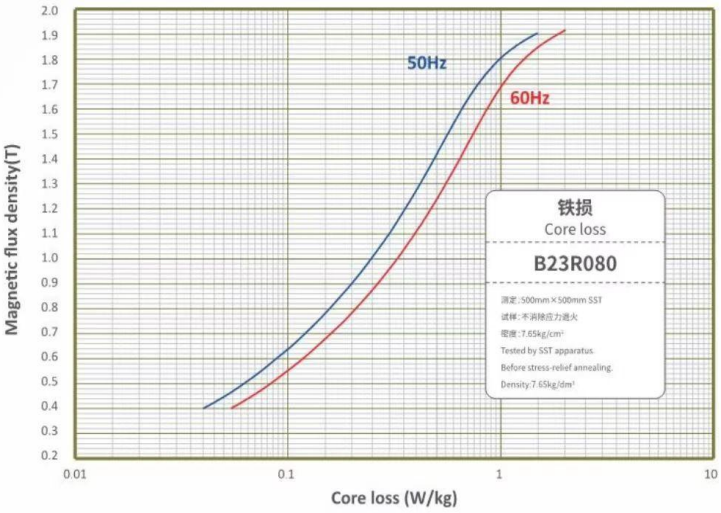
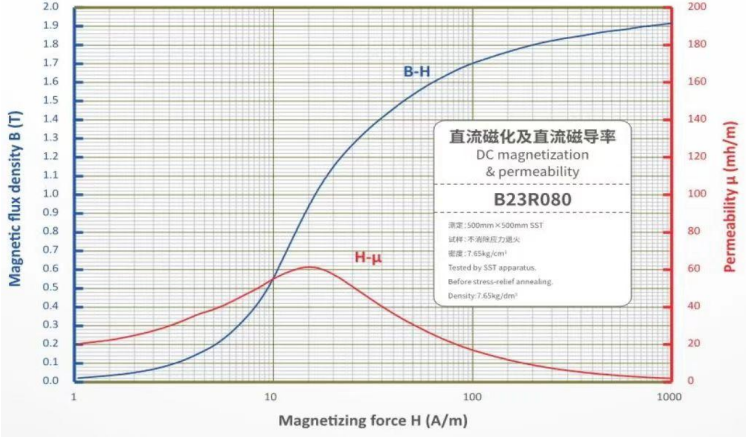
B23R070

取向硅钢 Cold-rolled grain oriented silicon steel

Typical mechanical properties

Tensile strength(L)	Yield strength(L)	Elongation(L)	HV1
354MPa	331MPa	14%	205

Note: Test values shown above are the average ones not for guaranteed.

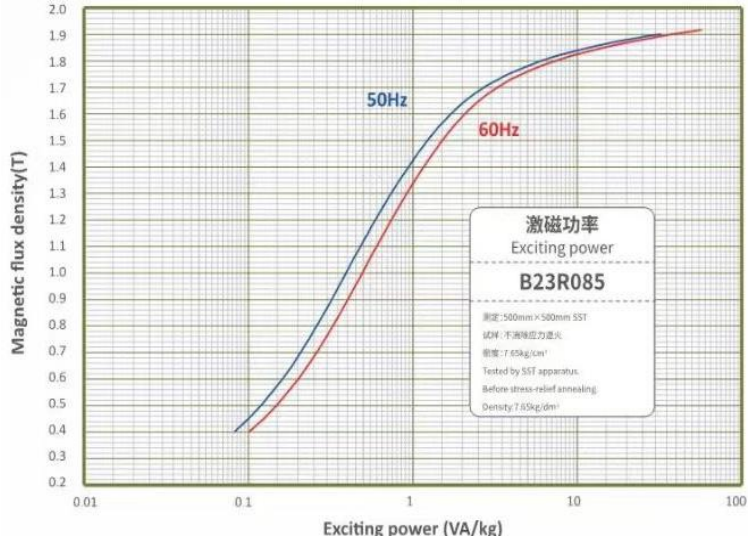
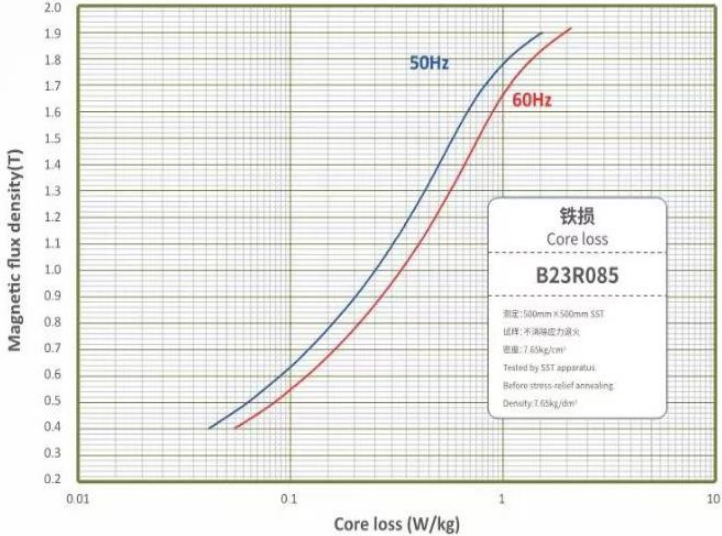
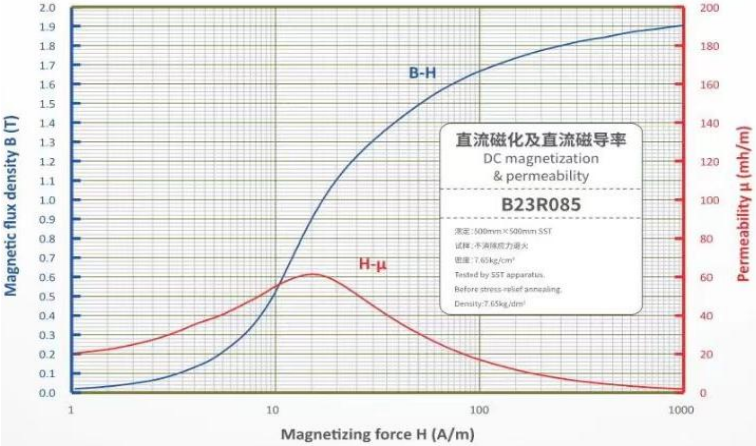


取向硅钢 Cold-rolled grain oriented silicon steel

Typical mechanical properties

Tensile strength(L)	Yield strength(L)	Elongation(L)	HV1
354MPa	331MPa	14%	205

Note: Test values shown above are the average ones not for guaranteed.

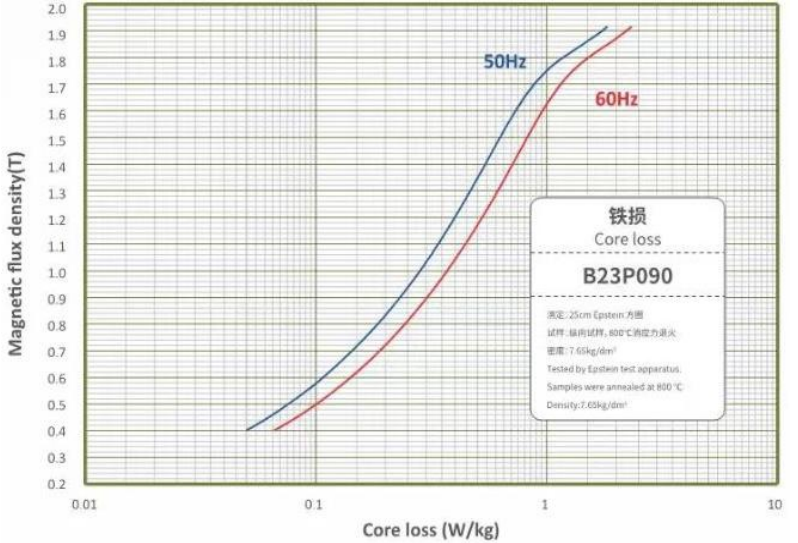
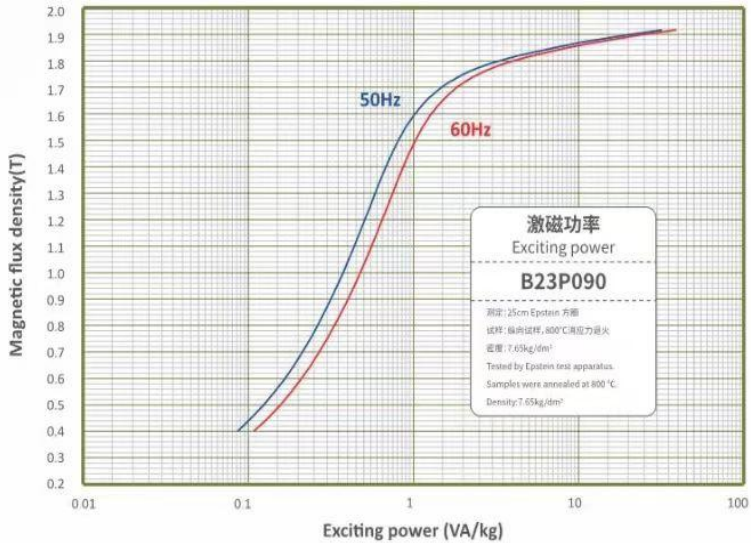
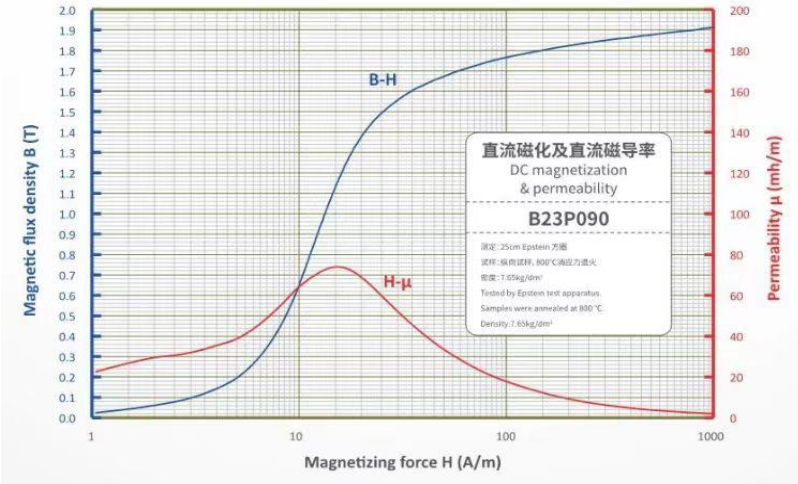


取向硅钢 Cold-rolled grain oriented silicon steel

Typical mechanical properties

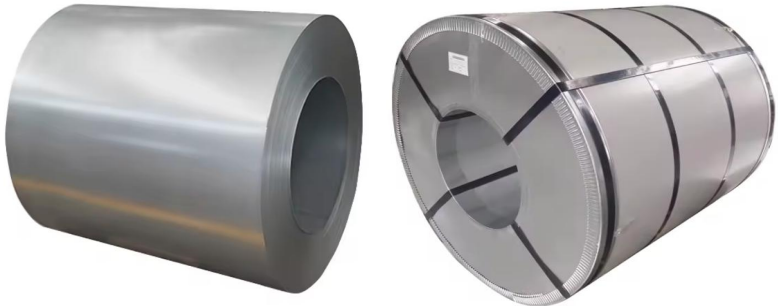
Tensile strength(L)	Yield strength(L)	Elongation(L)	HV1
354MPa	331MPa	14%	205

Note: Test values shown above are the average ones not for guaranteed.



Product features

- Low iron Loss
- Low noise
- Outstanding Process ability
- Excellent adhesion
- Good Consistency
- Perfect dimensional accuracy



Characteristics of insulating coating

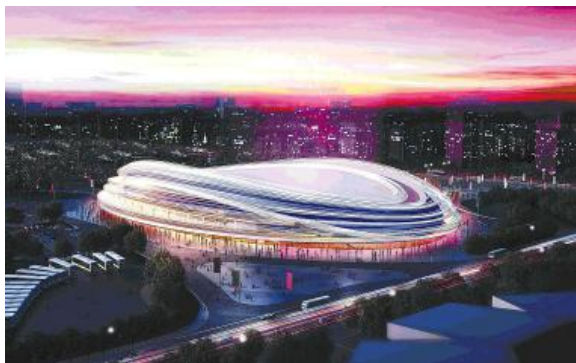
Item	Characteristic
Composing Component	Inorganic coating
Surface insulation resistance	Surface insulation resistance (Guaranteed Value:30Ω·cm ² /side)and excellent insulation
Adhesion	Fine adhesion,adhesion level >B,close combination of coating and substrate,unease to peel
Lamination factor	Uniform coating and high Lamination factor make good lamination effect
Pocessability	Excellent stamping and welding ability
Heat resistane	For the high magnetic induction typeproducts,the coating can withstand 820°C stress relieving annealing in non-oxidation environment.
Corrosion resistance	The coating can immune from the corrosion of insulating coil,mechanical oil,cooling coil,antifreezing oil,rust preventive oil and Freon
Limits of hazardous substances	The products comply with RoHS and REACH limited requirements for hazardous substances

Application Fields

品种 Varieties	高磁感级 High magnetic induction type	磁畴细化级 Domain refined Type
大型变压器 Large transformers	★	★
中小型变压器 Medium and small transformers	★	★
配电变压器 Distribution transformers	★	★
大型电机 Large motors	★	
中型电机 Medium motors		
调压器 Voltage regulator	★	
电抗器及磁放大器 Reactor and magnetic amplifier	★	★
中频变压器 IF transforme	★	
互感器 Mutual inductor	★	
电子变压器 transformer	★	



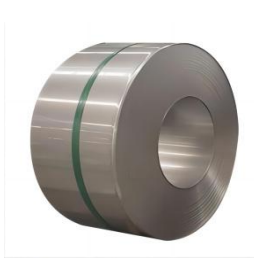
Uhv project of hydropower station



High efficiency and energy saving power distribution project

Product Description

Non-oriented electrical steel is a silicon-iron soft magnetic alloy with very low carbon content. It is an indispensable and important material in the power, electronics and military industries. Non-oriented silicon steel is the core material of the rotor of motors and generators working in a rotating magnetic field, requiring good magnetic properties and process performance. With the development of high-speed and miniaturization of motors, higher performance requirements are put forward for non-oriented silicon steel, such as low iron loss and high magnetic induction at high frequencies.



Typical electromagnetic properties Ordinary non-oriented electrical steel A series

Grade	Thickness (mm)	Destiny (kg/dm ²)	Iron Loss(W/kg)				Induction(T)				
			P10/50	P15/50	P10/60	P15/60	B10	B25	Bso	B100	
35A210	0.35	7.60	0.85	2.05	1.04	2.54	1.47	1.56	1.66	1.77	
35A230		7.60	0.88	2.10	1.09	2.63	1.47	1.57	1.66	1.78	
35A250		7.60	0.95	2.25	1.22	2.78	1.48	1.57	1.66	1.78	
35A270		7.65	1.00	2.40	1.26	2.95	1.48	1.58	1.67	1.79	
35A300		7.65	1.10	2.55	1.40	3.18	1.51	1.59	1.68	1.80	
35A360		7.65	1.25	2.80	1.55	3.44	1.51	1.60	1.68	1.80	
35A440		7.70	1.35	3.00	1.66	3.69	1.53	1.62	1.70	1.82	
35A550		7.75	1.55	3.50	1.92	4.34	1.53	1.61	1.69	1.81	
50A230		0.50	7.60	0.96	2.25	1.23	2.93	1.48	1.57	1.66	1.78
50A250	7.60		1.00	2.37	1.30	3.08	1.48	1.57	1.67	1.79	
50A270	7.60		1.05	2.50	1.35	3.18	1.48	1.57	1.67	1.80	
50A290	7.60		1.10	2.60	1.41	3.25	1.49	1.58	1.67	1.79	
50A310	7.65		1.18	2.70	1.57	3.38	1.50	1.59	1.68	1.80	
50A350	7.65		1.25	2.85	1.60	3.60	1.50	1.60	1.68	1.80	
50A400	7.65		1.32	3.05	1.68	3.90	1.52	1.61	1.69	1.81	
50A470	7.70		1.76	4.00	2.22	5.01	1.52	1.60	1.69	1.80	
50A600	7.75		1.93	4.30	2.43	5.37	1.53	1.62	1.71	1.82	
50A700	7.80		2.42	5.20	3.01	6.47	1.56	1.65	1.73	1.84	
50A800	7.80		2.67	5.70	3.34	7.11	1.57	1.66	1.74	1.84	
50A1000	7.85		2.82	6.20	3.57	7.80	1.59	1.68	1.76	1.87	
50A1300	7.85		3.32	7.20	4.20	9.12	1.59	1.68	1.76	1.88	
65A470	0.65		7.65	1.69	3.70	2.19	4.75	1.52	1.62	1.71	1.82
65A600			7.75	2.11	4.70	2.71	5.97	1.52	1.62	1.71	1.82
65A700		7.75	2.19	4.90	2.84	6.25	1.53	1.63	1.72	1.83	
65A800		7.80	2.69	5.90	3.42	7.52	1.56	1.66	1.74	1.85	
65A1000		7.80	2.85	6.40	3.67	8.17	1.57	1.67	1.75	1.86	
65A1300		7.85	3.25	7.40	4.22	8.52	1.59	1.68	1.77	1.88	

Product standard size

Thickness (mm)	Width (mm)	Insid diameter (mm)
0.20 0.35 0.50 0.65	800-1250	508

High efficiency non-oriented electrical steel AH series

Grade	Thickness (mm)	Destiny (kg/dm ³)	Iron Loss (W/kg)				Induction (T)			
			P10/50	P15/50	P10/60	P15/60	B10	B25	B50	B100
B35AH230	0.35	7.65	0.97	2.15	1.19	2.70	1.51	1.61	1.69	1.82
B35AH250		7.65	1.03	2.30	1.28	2.90	1.52	1.61	1.70	1.83
B35AH300		7.70	1.15	2.60	1.43	3.25	1.54	1.6	1.72	1.84
B50AH300	0.50	7.65	1.18	2.70	1.51	3.37	1.53	1.62	1.70	1.82
B50AH350		7.70	1.38	3.10	1.75	3.85	1.56	1.65	1.73	1.84
B50AH470		7.75	1.43	3.20	1.84	4.07	1.56	1.66	1.74	1.85
B50AH600		7.75	1.69	3.70	2.15	4.64	1.56	1.66	1.74	1.85
B50AH800		7.80	2.19	4.60	2.75	5.83	1.59	1.68	1.76	1.86
B50AH1000		7.85	2.47	5.20	3.13	6.60	1.60	1.69	1.77	1.87

Stress-relieving annealed high-efficiency non-oriented electrical steel AR series

Grade	Thickness (mm)	Destiny (kg/dm ³)	Iron Loss (W/kg)				Induction (T)			
			P10/50	P15/50	P10/60	P15/60	B10	B25	B50	B100
B35AR300	0.35	7.80	1.17	2.75	1.48	3.45	1.60	1.68	1.75	1.86
B50AR300	0.50	7.75	1.21	2.68	1.56	3.45	1.59	1.66	1.74	1.86
B50AR350		7.80	1.39	3.00	1.78	3.97	1.61	1.69	1.76	1.87

High frequency low iron loss non-oriented electrical steel AT series

Grade	Thickness (mm)	Destiny (kg/dm ³)	Iron Loss (W/kg)			Induction (T)			
			P10/50	P15/50	P10/400	B10	B25	B50	B100
B20AT1200	0.20	7.60	0.92	2.30	11.00	1.44	1.53	1.63	1.75
B20AT1500		7.65	1.01	2.48	12.50	1.45	1.54	1.64	1.76

Note:

a. Test according to GB/T3655-2008.

b. The test sample is half vertical and half vertical.

c. The magnetic properties test of high-efficiency non-oriented electrical steel AR series products for stress relief annealing is only applicable to the state of the sample after 2 hours of stress relief annealing at 750c.

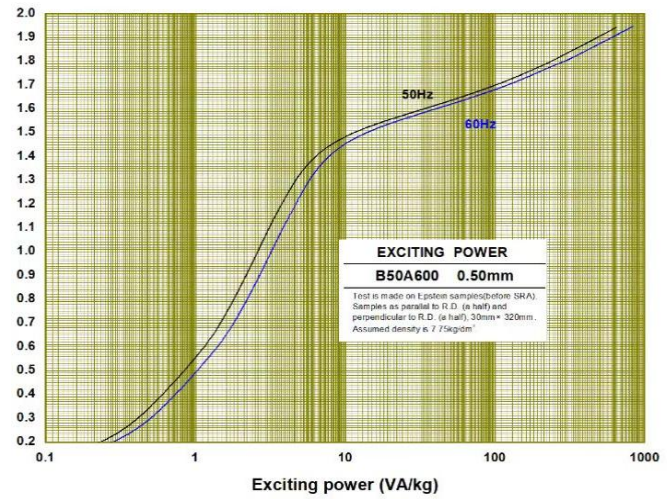
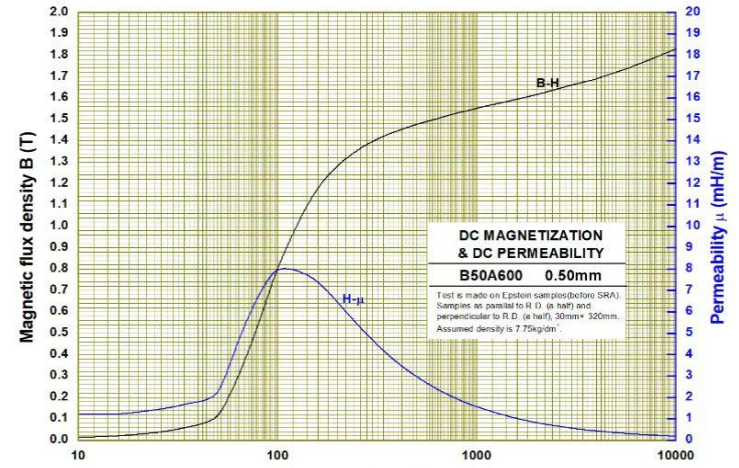
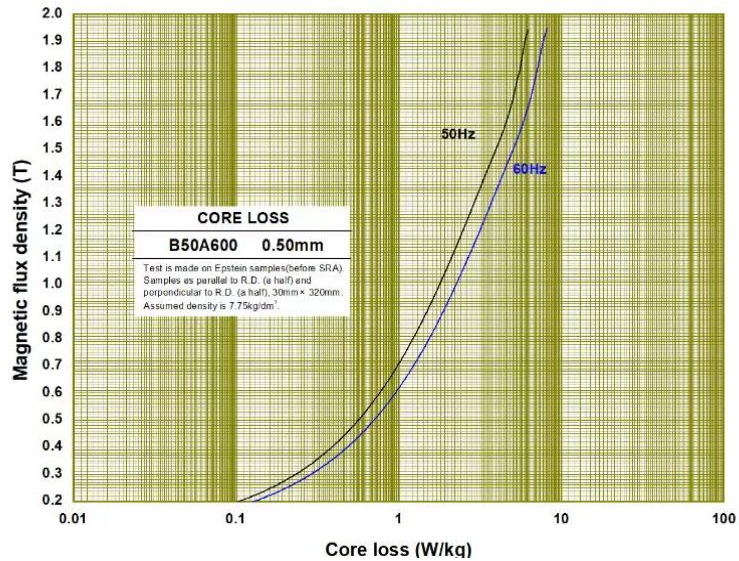
d. P15150 represents the core loss per kg sample when the maximum magnetic induction intensity is 1.5T and the frequency is 50Hz. P'0400 represents the core loss per kg sample when the maximum magnetic induction intensity is 1.0T and the frequency is 400Hz.

e. B50 indicates the magnetic induction intensity corresponding to a magnetic field strength of 5000Am.

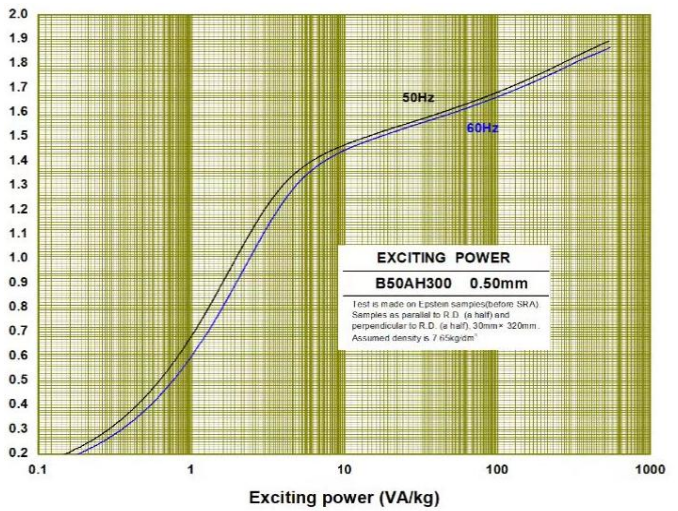
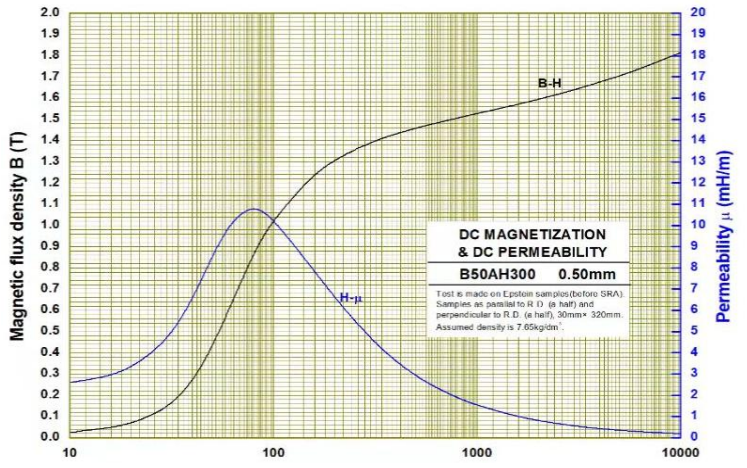
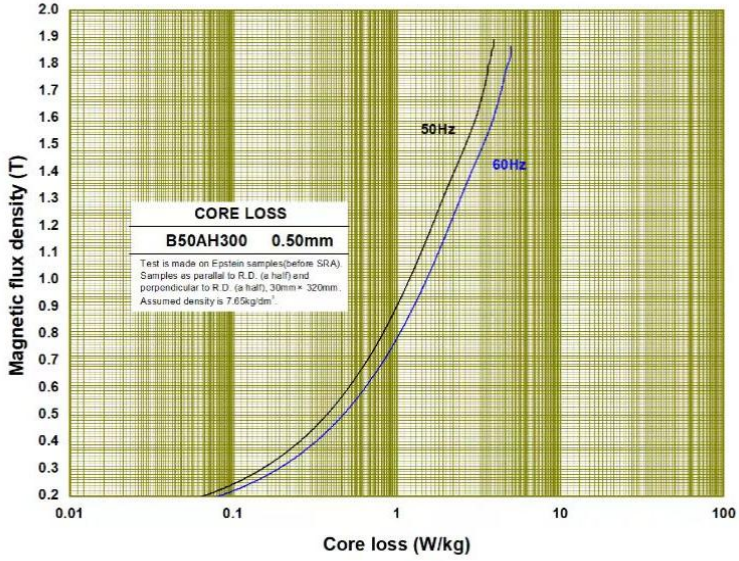
Properties of non-oriented electrical steels for traction motors

Type	Grade	Density (kg/dm ³)	Core Loss P1.0/400 (W/kg)		Core Loss P1.0/800 (W/kg)	Magnetic Polarization J5000(T)		Yield Strength(Mpa)
			Guarantee	Typical	Typical	Guarantee	Typical	Typical
Low loss AV series	20AV1200	7.60	≤12.0	10.6	28.7	≥1.61	1.65	405
	20AV1300	7.65	≤13.0	11.8	31.7	≥1.62	1.64	390
	25AV1300	7.60	≤13.0	12.2	33.5	≥1.61	1.63	440
	27AV1400	7.60	≤14.0	12.6	34.4	≥1.61	1.64	445
	30AV1500	7.60	≤15.0	13.5	39.9	≥1.62	1.64	445
	35AV1700	7.60	≤17.0	15.5	47.5	≥1.63	1.66	445
	35AV1800	7.60	≤18.0	16.8	49.8	≥1.64	1.66	405
	35AV190	7.65	≤19.0	17.5	52.5	≥1.65	1.67	403
	35AV2000	7.65	≤20.0	18.5	54.8	≥1.65	1.68	387
35AV2100	7.65	≤21.0	19.5	57.1	≥1.66	1.68	355	
High efficiency AHV series	20AHV1200	7.65	≤12.0	10.6	28.9	≥1.64	1.69	400
	20AHV1300	7.65	≤13.0	11.6	31.1	≥1.64	1.67	360
	27AHV1400	7.65	≤14.0	12.7	35.5	≥1.64	1.66	410
	30AHV1500	7.65	≤15.0	14.0	38.8	≥1.65	1.67	410
	35AHV1700	7.65	≤17.0	15.8	46.2	≥1.66	1.68	410
	35AHV1900	7.65	≤19.0	17.0	51.0	≥1.67	1.70	380
High efficiency-Higher strength AHV-Mseries	25AHV1300M	7.60	≤13.0	12.0	33.5	≥1.65	1.67	445
	27AHV1300M	7.60	≤13.0	12.2	34.0	≥1.65	1.67	440
High induction APV series	27APV1400	7.65	≤14.0	12.4	35.0	≥1.67	1.69	405
	30APV1500	7.65	≤15.0	13.5	38.5	≥1.67	1.69	405
	35APV1700	7.65	≤17.0	15.8	45.9	≥1.67	1.69	405
	35APV1900	7.65	≤19.0	16.8	50.5	≥1.68	1.71	376

Example: B50A600



Example: B50AH300



无取向硅钢 Cold-rolled grain non-oriented silicon steel

Product features

Excellent electromagnetic properties

Excellent processing performance

Preeminent dimensional accuracy

Excellent surface coating properties

More width options



Properties of coatings

涂层代码 Coating code	A	H	K	M	J	Z	
	常规(含铬) Normal (Cr containing)		环保(无铬) Environmental friendly (Cr free)				
ASTM属性 ASTM Class	C-5	C-5	C-5	C-5	C-5	C-3	
涂层种类 Coating type	半有机涂层 Semi-organk	半有机涂层 Sem-organic	半有机涂层 Semi-organic	半有机涂层 Sem-organic	半有机涂层 Semi-organic	有机涂层 Organic	
干膜厚度(μm/面) Coating thickness (um/surface)	0.2-0.5um	0.6-1.0um	0.3-0.7 μm	0,7-1.2 μm	2-4 μm	3-7 μm	
涂层绝缘电阻① (Ω cm ² /片) Insulation resistance (Ω-cm ² /piece)	≥1	23	≥1	23	220	225	
附着性 Adhesiveness	1	3	1	3	1	1	
冲片性 ² (x1000) 毛刺达到50 μm的冲片次数 Punching ability (x1000) punching time until 50um burr	000	1500	1000				
遇热性 Humidity proof ability	表面变化 Appearance	未变化 No change	未变化 No change	未变化 No change	未变化 No change	未变化 No change	
耐油性 Oil-proof ability	通过 Pass	通过 Pass	通过 Pass	通过 Pass	通过 Pass	通过 Pass	
焊接性(cm/min); 焊道气泡 <7个的最大焊接速度 Weld ability(cm/min) maximum weld speed bubbles ⁷	80~100	20~60	80~100	20~60	10~60	不适用 Not suitable	
耐热性 Heat proof ability	长期/空气 ong time/air	180°	80° C	180℃	180℃	270℃	150° C
	短期 空气 Short time/air	210° CX2500hr/ 600° C X30mi	210° CX2500h 600° CX30min	210° C X2500hr/ 600° C X30min	210° CX2500hr/ 600° CX30mi	300° C X2500hr/ 600° CX30min	不适用 Not suitable

Application fields

应用 Applications		普通型 Conventional			高效型 High efficiency	消除应力退火型 Stress relief annealing
		A200~40	A440~700	A800-1300	AH230-600	AR30U-6UU
旋转机 Rotating machines	大型电机 Large rotating machines	★				
	中型电机 Medium rotating machines	★	★			
	压缩机电机 Hermetical motors	★	★	★	★	★
	通用电机 General use AC motors	★	★	★	★	★
	小型精密电机 Small precision motors	★	★		★	★
	车载电机 Vehicle-mounted motor	★		★	★	
静止器 Static machines	小型电源变压器 Small transformers	★	★	★	★	★
	仪器用变压器 Current and potential transformers	★				
	电抗器及磁放大器 Reactors and magnetic amplifiers	★				
	焊接用变压器 Welding transformers	★	★	★		
	稳压器 ballast	★	★	★	★	★



The fastest train in the world



Asia's first offshore wind farm

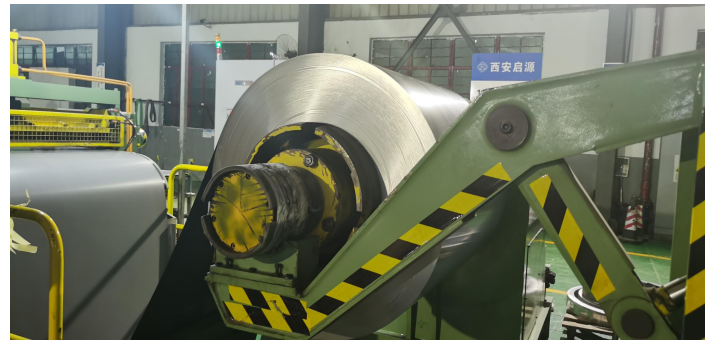
硅钢加工类产品 | Silicon steel products

Currently, we have two slitting lines making thickness range: 0.1 to 0.5mm; width from 50 to 680mm. We also have one cutting line, thickness from 0.1 to 0.35mm, limited length from 350 to 3000mm. The main facility size is 3.3*0.8*1.5M, with other attached facilities (conveyor, uncoil, etc facilities), whole size is over.

In addition to mother coil, our company also undertakes silicon steel processing products, such as slit coils, lamination, transformer cores, stator, rotor and so on. At present, our company has a number of processing plants in Shanghai, Tianjin and Shandong Liaocheng and other places. Relying on advanced equipment and skilled workers, the company has achieved an annual output of 20,000 tons, and increasing year by year.

钢带|Slit coil

Convenient supply of raw materials and professional technical equipment make our company has a unique processing advantage. Each factory has 2-3 slitter lines. Advanced equipment and CNC machining of the whole process make the staff accurately control the size of the steel coil. In addition, the operating staff having more than a few years of rich experience are familiar with the processing requirements, and can calmly deal with various problems that may arise in processing.

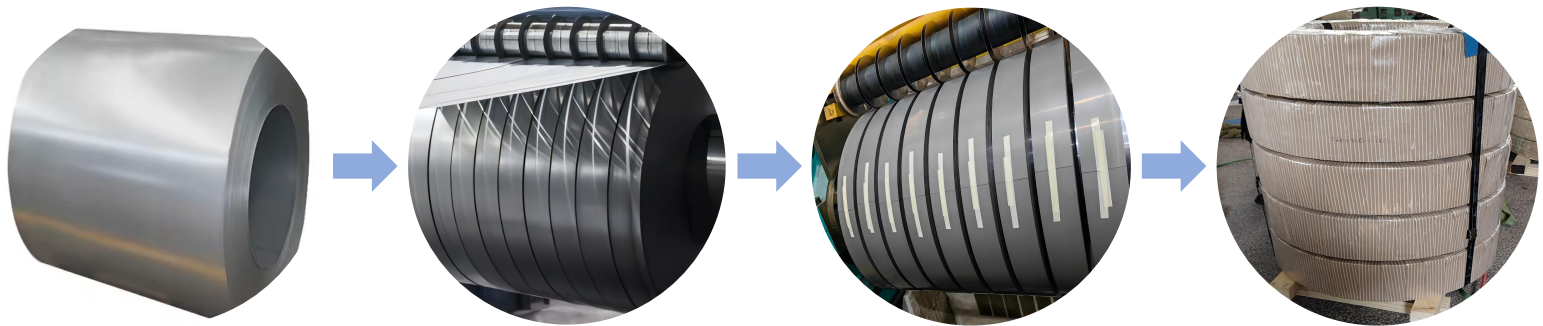


Processing requirements

1. Notice the flatness of the board, burr < 0.03mm.
2. Control the burr and pay attention to no wave edge, no crease, no oil, no rust and no scratch.
3. Measure the size of the finished product several times during processing to ensure the accuracy of the size.

Packing Standard

The finished slitting coil is wrapped twice with winding paper and transparent film. Separate each slitting coil with fumigation-free wooden strips and place desiccant between them (fixed with transparent glue). The fumigation-free wood bracket is packed firmly, and the material is not leaked. Each slitting coil shows the weight, the single tow height is not more than 1300mm and the weight is less than 3.2 tons. Finally, the whole is wrapped with waterproof film after labeling.



铁芯|Tranformer core

Our company has unique advantages in the production of transformer core. Convenient supply of raw materials silicon steel and independent core production and processing workshop, which make us accurately control the whole process, from cutting material, laminating silicon steel sheet to processing transformer core fixture. Under the management of the company, the annual output of cores has reached 5,000 tons. After strict educational screening before entry, our employees are professional workers with more than 5 years of work experience. 80% of our employees graduated from vocational colleges and 20% have more than 15 years of working experience. At the same time, the company has undergone repeated training, practice and demonstration for employees to make them enhance knowledge of products, form the correct habits and achieve “three no principles of quality”, that is, “do not accept nonconforming products”, “do not manufacture nonconforming products” and “do not flow out nonconforming products”.



铁芯 Transformer core

Processing



Processing

Providing process form, pictures and videos about processing and deliverable product list

1

Confirm coils according to cargo list

Providing cargo list, pictures and MTCs



2

3

Test

Providing pictures and videos about testing, the report about test results and the document of confirming test results



4

Pack

Providing pictures and videos

5

Delivery

Providing delivery list, pictures or videos about delivering



Note: Processing in strict accordance with the drawings provided by customers

定子和转子|Stator and Rotor



Product features

Good magnetic permeability

Long service life

High speed precision control rate

The stator and rotor are the core products of silicon steel processing in our company. Convenient supply of raw material makes us independently set up two motor core laminated stamping production lines with Japan's advanced CNC machine. The production capacity of 14 million pieces can meet the demands of 350-500,000 pieces of brushless DC motor core and large rotor stator. The stator and rotor are assembled by employees with more than 10 years of experience, which further improves the quality. Besides, we have deep cooperation with mold manufacturers, which can help save cost.

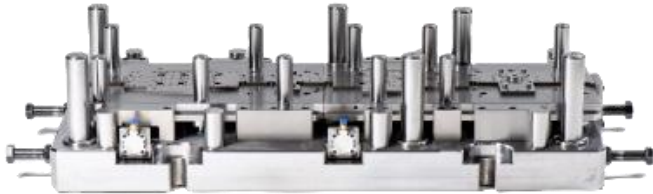
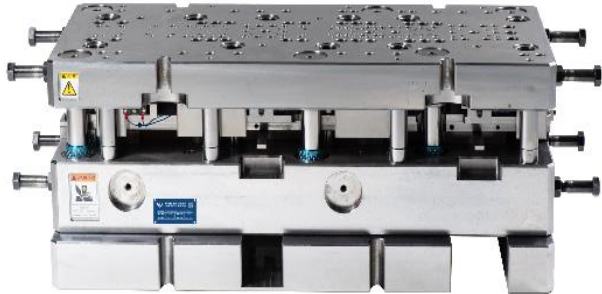








定子和转子 Stator and rotor

Stamping workshop



定子和转子 Stator and rotor



					
<p>Rotor Stack for 35 stepper</p>	<p>Stator stack for 42 stepper</p>	<p>Stator stack(Round-shaped) for 57 stepper</p>	<p>Stator stack with smaller slots for 60 stepper</p>	<p>Stator stack for 42 stepper</p>	<p>Rotor and stator stacks for 60 stepper (3-phase and 9-pole)</p>


变压器 | Transformer

The main transformers produced by our company are:oil-immersed transformers,dry-type transformers and special transformers,etc.,which meet the international quality system ISO9001, ISO14001 environmental management system certification standards. At the same time,the company has a transformer testing center equipped with LXZC transformer comprehensive test benchand other equipments to ensure that the test of every product is qualified and can be put into operation normally.



变压器 Transformer


变压器型号			Transformer type		
油浸式变压器			OIL IMNERSED TRANSFORMER		
10KV	S13/20/22	能效变压器	10kV	S13/20/22	Energy efficiency transformer
10kV	SH15/21/25	非晶合金能效变压器	10kV	SH15/21/25	Amorphous alloy energy efficiency transformer
35/10kV	S18/20/22	能效变压器	35/10kV	S18/20/22	Energy efficiency transformer
35/0.4kV	S11/13	油浸式变压器	35.0.4kV	S11/13	Oil immersed transfome
10KV	D13	单相变压器	10kV	D13	Single phase transformer
10kV	S11	油浸式变压器	10kV	S11	Oil immersed transforme
10kV	S13/20/22-NRL	立体卷铁芯变压器	10kV	S13/20/22-MRL	Three-dimensional wound core transformer
干式变压器			DRY TYPE TRANSFORMER		
10kV	SCB12/14/18	能效变压器	10kV	SCB12/14/18	Energy efficiency transformer
10kV	SCBH15/17/19	非晶合金能效变压器	10kV	SCBH15/17/19	Amorphous alloy energy efficiency transformer
10kV	SC810/11/13	干式变压器	10kV	SCB10/11/13	Dry type transformer
35/0.4kV	SCB10/11/12/13	干式变压器	35/0.4kV	SCB10/11/12/13	Dry type transformer
特种压器			SPECIALTRANSFORMER		
有载调压/调容变压器	高过载变压器	On load voltage regulating/capacity regulafing	High overload transformer		
整流变压器	矿用变压器	Recffier transformer	Mining transforme		
光伏/风电变压器	试验变压器	Photovoltaic/wind power transformer	Test transformer		




We are a professional company with rich export business. The company has a professional quality inspection team and after-sales service team to provide the best service. Based on reliable product quality, competitive product prices, and excellent after-sales services, the company always pursues a win-win situation and a brilliant future with the majority of domestic and foreign customers.




SHANXI HONGLU SANLI IMPORT & EXPORT TRADING CO.,LTD.

 +8613363419920

 johnnylawyer@163.com /johnny@hlsind.com

 1-Unit 2301, Building G3, Shantou Qingyun City,
Jiankang South Street, Jinyuan District,
Taiyuan City, Shanxi Province, China

 www.hlsind.com
<https://honglusanli2022.en.made-in-china.com>