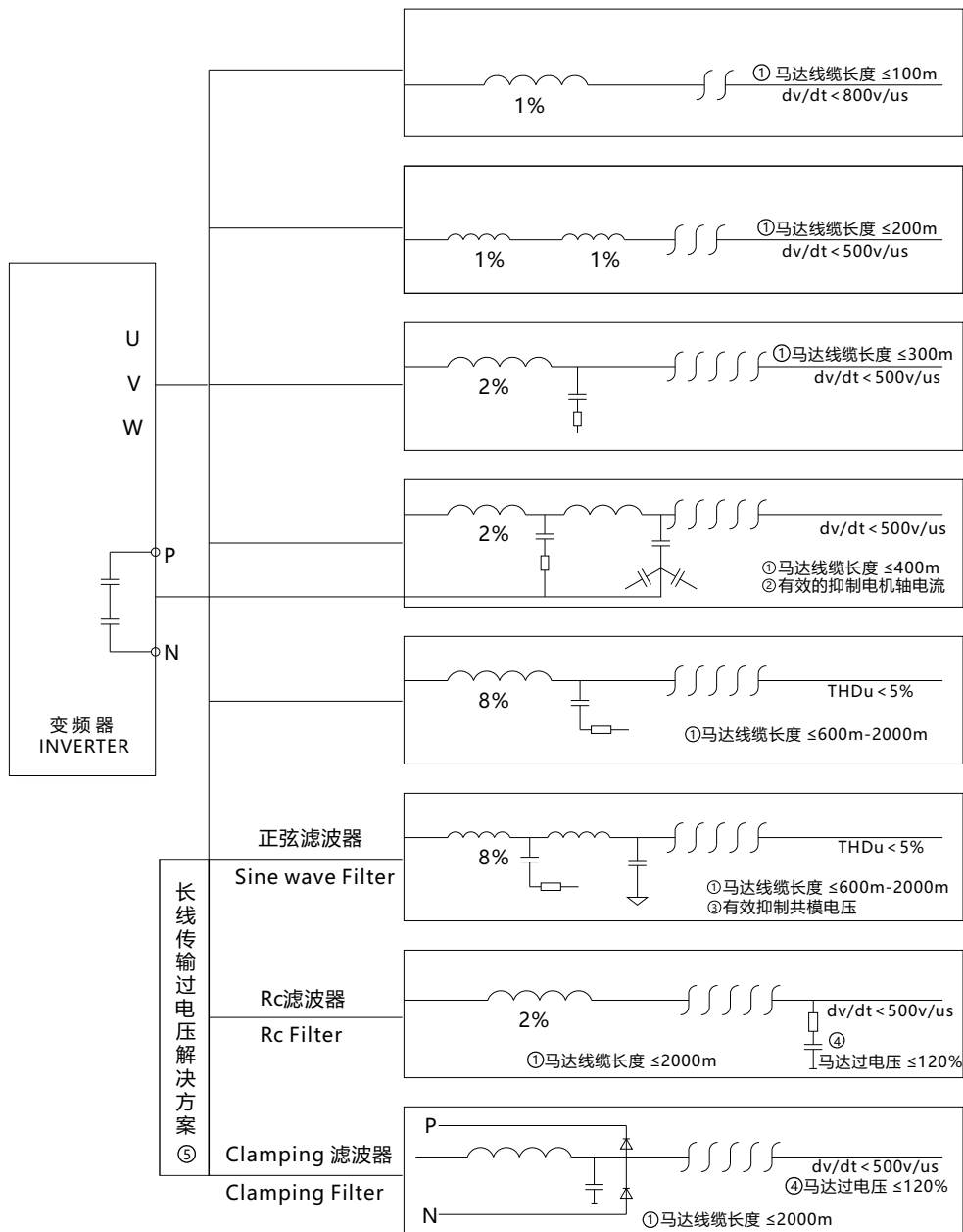


AC Output Reactor(Choke) 输出交流电抗器4%

Harmonic solution for the output side of frequency inverter 变频输出端解决方案



- ① The Length of motor Cable 马达线缆长度
- ② Effectively Restrain the Current of the Motor Shaft 有效的抑制电机轴电流
- ③ Effectively Restrain the Common-mode Voltage 有效抑制共模电压
- ④ Overvoltage of the Motor 马达过电压
- ⑤ Solution for Overvoltage of Long-term Transmission 长线传输过电压解决方案

AC Output Reactor(Choke) 输出交流电抗器4%

输出交流电抗器
AC Output Reactor(Choke)



Product Profile 产品简述

Smoothing circuit, efficient from IGBT motor drives, so as to extending service life of electric motors. Reduce motor noise and eddy loss. Reduce the leakage current resulted from the output of high harmonic. Protect the electronic power switch within the inverters.

用于平滑滤波，降低瞬变电压 dv/dt ，延长电机寿命。可以降低电机噪音，减低涡流损耗。降低输出高次谐波造成的漏电流，保护变频器内部的功率开关器件。

Product Parameters 产品参数

Rated Operating Voltage	400V 50Hz/60Hz
Operating Frequency	0~120Hz(Higher than 120Hz Need customization)
Current Range	5A to 1600A
Operation Ambient Temperature	-25°C ~ 50°C
Dielectric Strength	Core-Winding, AC 3000V/50Hz/5mA in 60s free of damage(test in factory)
Insulation Resistance	Core-Winding, DC 1000V, Resistance >100M ohm
Reactor's noise	less than 80dB(to be measured at the point 1 meter away from the reactor horizontally)
Protection class	IP00
Insulation class	F/H
Standard	GB 19212.1-2008 GB/T 1094.6-2011

额定工作电压	400V 50Hz/60Hz
工作频率	0~120Hz (大于120Hz需定制)
额定工作电流	5A 至 1600A
工作环境温度	-25°C ~ 50°C
抗电强度	铁芯-绕组 AC 3000V/50Hz/5mA, 60秒无飞弧击穿 (工厂测试)
绝缘电阻	DC 1000V, 绝缘阻值 ≥ 100MΩ
电抗器噪音	<80dB (与电抗器水平距离1米外测试)
防护等级	IP00
绝缘等级	F/H
产品执行标准	GB 19212.1-2008 GB/T1094.6-2011

Product Features 产品特点

Selection of silicon steel, ferrite magnetic material of amorphous core according to the frequency of application ;Excellent property due to foil winding structure, small DC resistance ,strong resistance ,strong resistance to electromagnetic force, good overload ability in short time ; F class insulation materials are used ,which ensure products maintain reliable performance in harsh working conditions; Designed with low magnetic flux density ,the reactor is of high linearit, powerful overload capacity .Moreover, combined with VPI process, the noise is low.

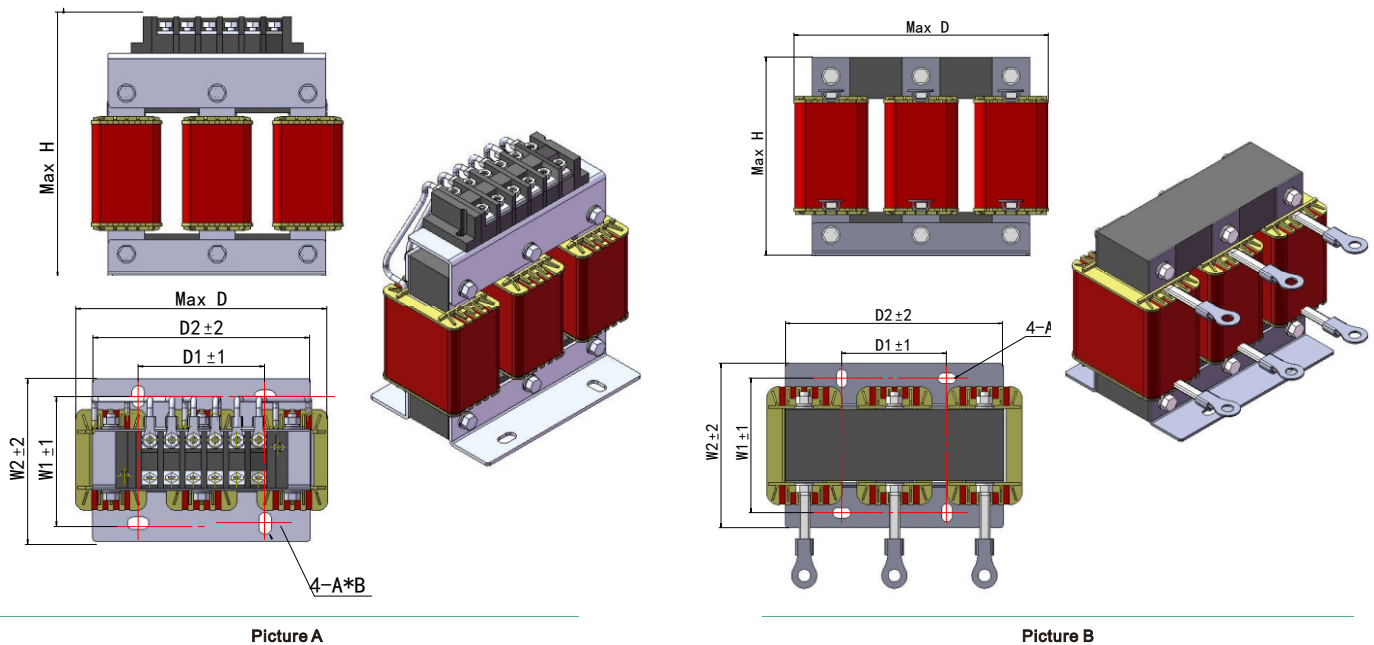
电抗器可以根据客户使用频率的高低合理选取磁性材料（硅钢片，铁氧体，非晶铁芯，磁粉芯）；采用了高性能的箔式绕组结构，具有直流电阻小，抗电磁力能力强，短时间过载能力强；采用高性能的F级以上的复合绝缘材料，使产品在严酷的工作条件下依然可以保持可靠的性能；电抗器设计磁通密度低、线性度好、过载能力强，配合真空压力浸渍工艺，电抗器噪音小。

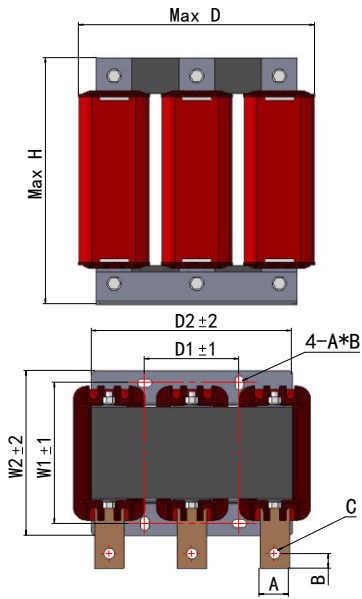
380V AC output reactor (4% impedance) selection table 380V输出交流电抗器 (4%电抗率) 选型表

Type 电抗器型号	Power 功率(Kw)	Inductance Value 电感量(mH)	Current 电流(A)	Weight 重量(Kg)	Dimension 尺寸(mm)								Connection		Linear aperture 线排孔径	Pic. NO. 图号
					D(Max)	D1±1	D2±2	W±10	W1±1	W2±2	H (Max)	A*B	Terminal 端子	Cu flat 铜排		
OCL-0005-CL/4-4	1.5	5.6	5	1.6	100	35	80	/	52	70	125	7x12	√		/	A
OCL-0007-CL/4-4	2.2	4	7	2	100	35	80	/	59	77	125	7x12	√		/	A
OCL-0010-CL/4-4	3.7	2.8	10	2.5	100	35	80	/	75	93	125	7x12	√		/	A
OCL-0015-AL/4-4	5.5	1.87	15	3.5	150	70	120	/	77	97	160	7x12	√		/	A
OCL-0020-AL/4-4	7.5	1.4	20	4	150	70	120	/	77	97	160	7x12	√		/	A
OCL-0030-AL/4-4	11	0.934	30	6	180	70	145	/	90	110	170	7x12	√		/	A
OCL-0040-AL/4-4	15	0.7	40	7.5	180	70	145	160	102	122	140	7x12	√		/	B
OCL-0050-AL/4-4	18.5	0.56	50	11.5	205	80	170	165	105	125	160	7x12	√		/	B
OCL-0060-AL/4-4	22	0.467	60	12	205	80	170	165	105	125	160	7x12	√		/	B
OCL-0080-AL/4-4	30	0.35	80	15	210	80	170	180	112	132	190	7x12	√		/	B
OCL-0090-AL/4-4	37	0.311	90	15	210	80	170	180	112	132	190	7x12	√		/	B
OCL-0120-AL/4-4	45	0.233	120	19.5	205	80	170	170	120	140	215	7x12		25*3	φ9	C
OCL-0150-AL/4-4	55	0.187	150	23	245	80	200	175	110	140	210	10x16		30*6	φ11	D
OCL-0200-AL/4-4	75	0.14	200	28	245	80	200	195	130	160	210	10x16		30*6	φ11	D
OCL-0240-AB/4-4	90	0.117	240	38	310	225	250	195	119	155	280	12x20		30*8	φ11	E
OCL-0260-AB/4-4	110	0.108	260	39	310	225	250	195	119	155	280	12x20		30*8	φ11	E
OCL-0290-AB/4-4	132	0.097	290	40	310	225	250	210	124	160	280	12x20		40*7	φ13	E
OCL-0330-AB/4-4	160	0.085	330	45.5	310	225	250	220	134	170	280	12x20		40*7	φ13	E
OCL-0390-AB/4-4	185	0.072	390	55	310	225	250	245	159	195	280	12x20		40*8	φ13	E
OCL-0420-AB/4-4	200	0.067	420	56	310	225	250	245	159	195	280	12x20		40*8	φ13	E
OCL-0490-AB/4-4	220	0.057	490	65	310	225	250	280	179	215	280	12x20		50*8	2-φ13	F
OCL-0530-AB/4-4	250	0.053	530	65	310	225	250	280	179	215	280	12x20		50*8	2-φ13	F
OCL-0600-AB/4-4	280	0.047	600	73	390	130	320	295	220	260	350	12x20		50*9	2-φ13	G
OCL-0660-AB/4-4	315	0.042	660	73	390	130	320	295	220	260	350	12x20		50*9	2-φ13	G
OCL-0800-AB/4-4	380	0.035	800	83	390	130	320	330	235	275	350	12x20		60*9	4-φ13	H
OCL-1000-AB/4-4	450	0.028	1000	110	390	130	320	345	255	295	410	12x20		60*11	4-φ13	H
OCL-1250-AB/4-4	550	0.0225	1250	130	390	130	320	380	290	330	410	12x20		60*13	4-φ13	H
OCL-1600-AB/4-4	630	0.0175	1600	180	450	150	380	395	285	325	460	12x20		80*13	4-φ13	H

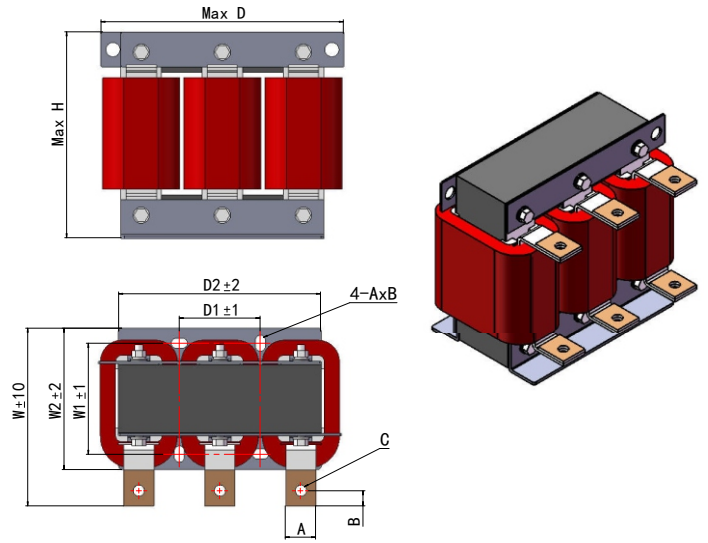
Note/备注: (1) Can be customized. 以上型号为我司标准品, 其它规格可以根据客户要求定制。

Product Size 产品尺寸图

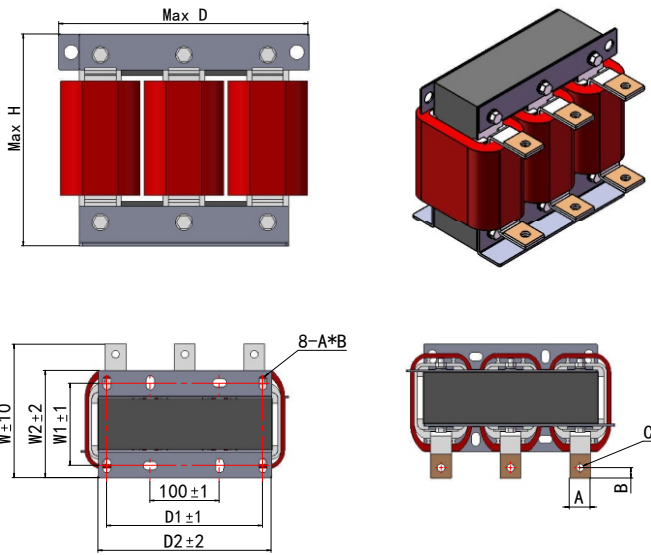




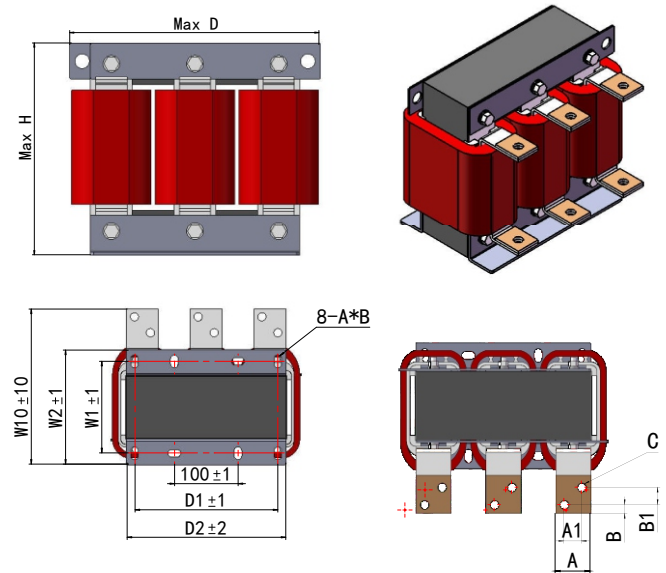
Picture C



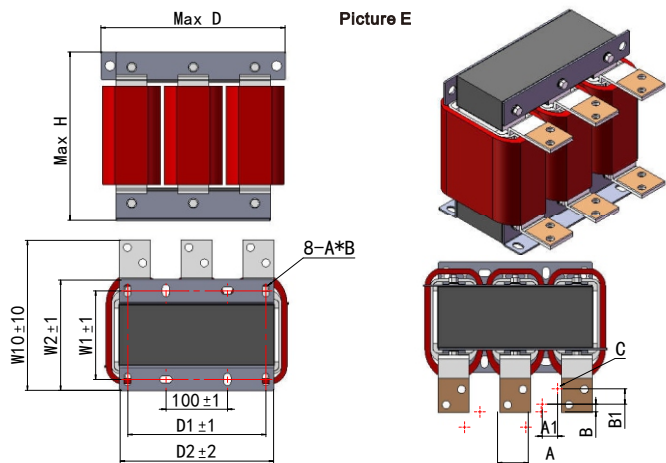
Picture D



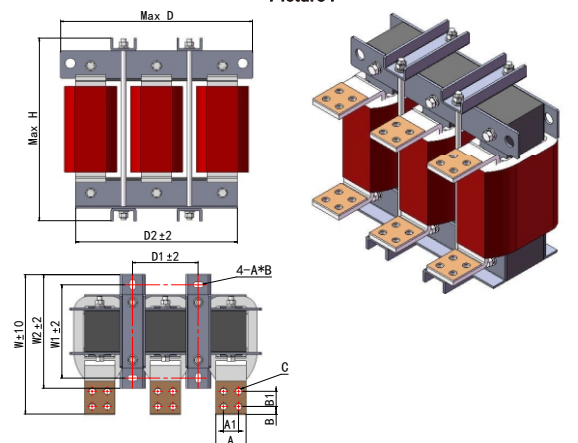
Picture E



Picture F



Picture G



Picture H