

产品简述 (Product Profile)

将电动机的 PWM 输出信号转化为低剩余纹波电压的光滑正弦波，防止对电机的绕组绝缘造成损害。减少了因电缆线长而出现的分布电容和分布电感产生共振的现象；消除高 dv/dt 而造成的电机过电压；消除涡流损耗造成的电动机提前损坏；滤波器降低了电动机的可听噪音。

Sinus Filter is designed to convert the PWM output signal of motor drives into a smooth sine wave with low residual ripple so as to avoid the motor insulation damage, reduce the resonance phenomenon caused by the distributed capacitance and inductance due to the long cable, eliminate the excessive motor voltage caused by high dv/dt , eliminate motor damage caused by eddy loss and reduce the noise of motor by filter application;

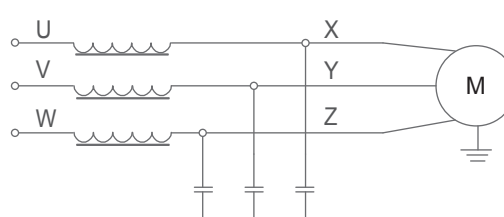
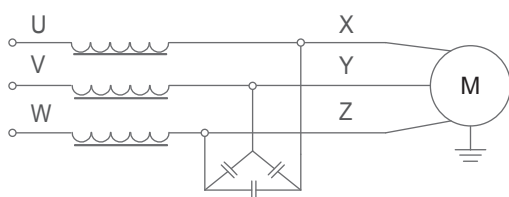


产品特点 (Product Features)

采用了高性能的箔式绕组结构，铝排引出，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H级绝缘材料，使产品在严酷的工作条件下依然可以保持可靠的性能；电抗器绝缘强度高，能承受极高的 Dv/dt 的电压冲击。电抗器采用真空压力浸渍工艺，可听噪音小。

Due to the excellent foil winding structure and aluminum leading structure, Sinus Filter is characterized by small DC resistance, strong resistance to electromagnetic interference and strong short-time overload capability. F Class insulation materials equip the products with reliable performance even in harsh operating conditions; high insulation ability can sustain high Dv/dt voltage impulse to the reactor; VPI process makes the humming noise low.

电气原理图 (Electrical Diagram)

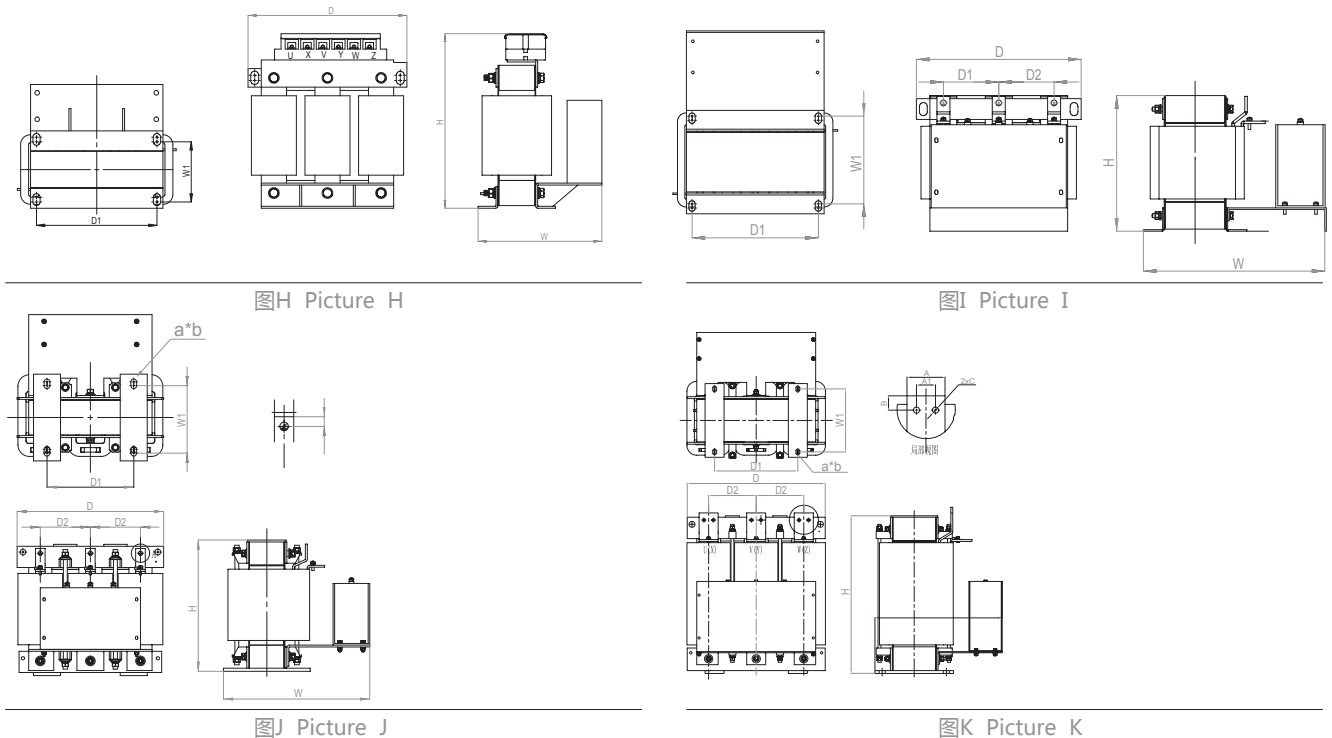


输出380V正弦波滤波器选型表 (Output 380V Sinus Filter Selection)

序号 No	功率 Power (KVA)	额定 电流 Rated current (A)	电感 Inductance value (mH)	电容 容量 Capacitance (kvar)	绝缘 等级 Insulation class	电抗型号 Product type	图号 Picture No.	产品规格 Product Specifications									
								D*H*W (mm)	D1*W1 (mm)	a*b (mm)	φc c(mm)	A*e (mm)	材质 Material	重量 Weight (kg)	包装 数量 QTY	包装代码 Package code	
1	5.5	15	4.00	5.5	H	OSF-0015-EISA-E4M0	H	250*270*200	182*91	11*18	6.4	/	AL	18	1	G5	
2	7.5	20	3.00	7.5	H	OSF-0020-EISA-E3M0		250*280*220	182*100	11*18	6.4	/	AL	22	1	G6	
3	11	30	2.00	11	H	OSF-0030-EISA-E2M0		250*280*240	182*106	11*18	6.4	/	AL	22	1	G5	
4	15	40	1.40	15	H	OSF-0040-EISA-E1M4		250*280*240	182*121	11*18	6.4	/	AL	26	1	G5	
5	18.5	50	1.20	18.5	H	OSF-0050-EISA-E1M2		290*290*250	214*110	11*18	6.4	/	AL	26	1	G5	
6	22	60	1.00	22	H	OSF-0060-EISA-E1M0		290*290*250	214*120	11*18	6.4	/	AL	31	1	G5	
7	30	80	0.80	30	H	OSF-0080-EISA-EM80		320*320*270	243*142	12*20	6.4	/	AL	45	1	I3	
8	37	90	0.65	37	H	OSF-0090-EISA-EM65		I	320*280*340	243*159	12*20	11	25*5	AL	60	1	H3
9	45	120	0.52	45	H	OSF-0120-EISA-EM52			320*280*355	243*169	12*20	11	25*5	AL	60	1	H3
10	55	150	0.45	55	H	OSF-0150-EISA-EM45		J	390*360*390	225*175	15*25	11	25*5	AL	90	1	J3
11	75	200	0.35	75	H	OSF-0200-EISA-EM35	400*355*435		225*200	15*25	11	30*5	AL	95	1	K2	
12	110	250	0.30	110	H	OSF-0250-EISA-EM30	400*340*470		225*225	15*25	11	30*5	AL	115	1	K2	
13	185	450	0.15	185	H	OSF-0450-EISA-EM15	430*470*470		250*250	15*25	14	40*5	AL	170	1	K5	
14	220	500	0.15	220	H	OSF-0500-EISA-EM15	455*470*480		270*250	15*25	14	50*5	AL	190	1	L5	
15	280	600	0.12	280	H	OSF-0600-EISA-EM12	480*535*480		275*250	15*25	14	50*5	AL	250	1	L6	
16	315	660	0.10	315	H	OSF-0660-EISA-EM10	475*530*510		300*250	15*25	14	50*5	AL	255	1	L6	
17	355	750	0.09	355	H	OSF-0750-EISA-EM09	K		550*570*515	275*250	15*25	14	50*10	AL	290	1	N2
18	400	900	0.08	400	H	OSF-0900-EISA-E75U		550*620*530	275*250	15*25	2-φ13	60*10	AL	330	1	N3	
19	450	1000	0.06	450	H	OSF-1000-EISA-E60U		550*595*530	275*250	15*25	2-φ13	60*10	AL	300	1	N3	
20	500	1200	0.07	500	H	OSF-1200-EISA-E65U		600*680*530	300*250	15*25	2-φ13	80*8	AL	390	1	N4	

包装代码表, 请参考P58 (Please refer to P58 - package code table.)

产品外形图 (Product Outline)



■ 包装代码对应一览表 (Package Code Table)

序号 No.	代号 Code	D	W	H	D _{max}	D _{min}	D _{max} -D _{min}	W _{max}	W _{min}	W _{max} -W _{min}	H _{max}	H _{min}	H _{max} -H _{min}	包装图 Package Outline
1	A1	220	330	300	110	80	30	200	168	32	168	168	20	
2	A2	220	360	300	110	110	0	240	240	0	240	240	0	
3	B1	220	330	300	130	125	5	168	168	0	168	168	0	
4	B2	220	430	335	138	120	18	300	270	30	270	270	25	
5	C2	220	360	315	155	155	0	240	168	72	168	168	10	
6	C3	255	430	380	165	155	10	320	130	190	130	130	20	
7	D3	300	290	420	210	185	25	200	150	50	150	150	40	
8	D4	290	420	325	200	200	0	310	232	78	232	232	35	
9	D5	310	390	445	220	195	25	280	150	130	150	150	150	
10	D6	285	430	330	195	195	0	320	280	40	280	280	15	
11	D7	285	460	375	195	155	40	350	155	195	155	155	60	
12	D8	285	510	420	195	195	0	400	195	205	195	195	95	
13	E2	340	265	365	250	250	0	175	175	0	175	175	0	
14	E3	340	325	395	250	250	0	235	180	55	180	180	60	
15	E4	325	310	435	235	215	20	220	160	60	160	160	20	
16	F2	345	310	410	255	250	5	220	175	45	175	175	25	
17	F3	340	340	465	250	250	0	250	240	10	240	240	50	
18	G1	390	280	460	300	300	0	190	190	0	190	190	0	
19	G2	390	300	480	300	300	0	210	210	0	210	210	20	
20	G3	390	370	430	300	290	10	280	190	90	190	190	80	
21	G4	390	370	395	300	300	0	280	280	0	280	280	25	
22	G5	380	340	455	290	250	40	250	200	50	200	200	20	
23	G6	340	310	445	250	250	0	220	220	0	220	220	0	
24	H3	410	445	485	320	320	0	355	215	140	215	215	40	
25	H4	410	430	530	320	315	5	340	245	95	245	245	75	
26	H5	410	430	585	320	320	0	340	340	0	340	340	0	
27	I1	415	305	515	325	325	0	215	215	0	215	215	0	
28	I2	450	545	560	360	325	35	455	235	220	235	235	135	
29	I3	450	440	515	360	320	40	350	270	80	270	270	115	
30	I4	450	475	565	360	330	30	385	340	45	340	340	150	
31	I5	420	515	615	330	320	10	425	340	85	340	340	175	
32	J2	485	385	475	395	395	0	295	295	0	295	295	0	
33	J3	485	480	525	395	370	25	390	270	120	270	270	20	
34	J4	485	465	560	395	365	30	375	320	55	320	320	20	
35	K1	510	440	465	420	420	0	350	350	0	350	350	0	
36	K2	515	560	520	425	400	25	470	365	105	365	365	15	
37	K3	510	430	555	420	420	0	340	340	0	340	340	0	
38	K4	490	430	605	400	400	0	340	340	0	340	340	40	
39	K5	520	560	645	430	405	25	470	350	120	350	350	10	
40	L1	570	440	553	480	480	0	350	350	0	350	350	0	
41	L2	570	430	643	480	480	0	340	340	0	340	340	0	
42	L3	610	460	638	520	520	0	370	370	0	370	370	0	
43	L4	575	525	703	485	485	0	435	435	0	435	435	0	
44	L5	545	570	673	455	455	0	480	480	0	480	480	0	
45	L6	590	600	738	500	340	160	510	340	170	340	340	115	
46	M2	640	470	703	550	550	0	380	340	40	340	340	0	
47	M3	635	555	713	545	545	0	465	465	0	465	465	0	
48	N2	680	605	773	590	550	40	515	420	95	420	420	45	
49	N3	640	620	823	550	550	0	530	530	0	530	530	25	
50	N4	690	620	883	600	600	0	530	530	0	530	530	0	