

YZO Vibration Motor

GUANGZHOU HAOQING MOTOR CO.,LTD

Our company is focus on researching,Producing and salling of vibration motors. After about 10 years of development, our company is now having comprehensive advantages in personnels, techniques and services. Our products covers YZO/YZS/YZFD/TZD/ZDJ series of vibration motors , were designed against the standard of JB5330-2007 'Technical condition of three phase asynchronous motor for vibration source'.

With the total sales grew year by year, our products had been purchased by many famous Iron & Steel companies, home and abroad, applied in their blast furnace system, casting machine and mining system.

Our mission is 'excellence & collaboration'.

Our company had equiped numbers of CNC lathes, milling machines, grinding machines, drilling machines and machines ceters. All personnels were well trained before job. All products will be strictly controled during process of design and production. And all the products will be strictly tested before shipment. Our designing team can also revise our designation to fulfil your special requirements of prodution and application.

Vibrator motor is general vibration source for various vibrator machinery , such as vibrator feeder , vibrator conveyor,ore vibratory discharger,vibratory shakeout machine,vibrator sizer and stock-bin vibratory block-proof device . ect.It may be exten-sively used in various industries,such as power,constructional material,coal,mine,metallurgy,chemistry,light industry and foundry,etc.

YZO系列振动电机

Series YZO vibrator motor

型号表示方法 Meaning of symbol

例: For example

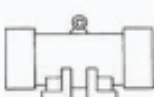


YZO — 20 — 4

YZO系列普通型振动电机
Series YZO vibrator motor

额定激振力 (20KN)
Rated vibration force(20KN)

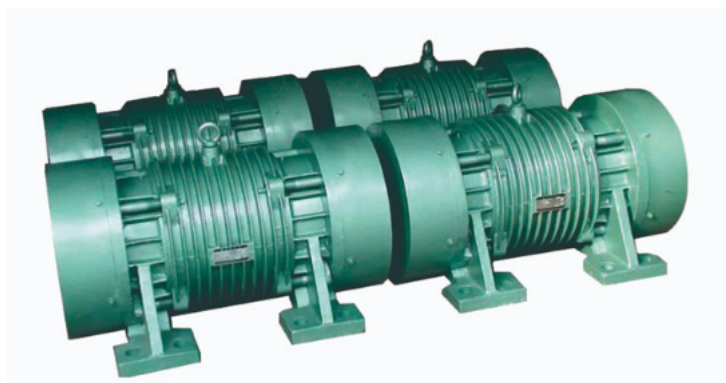
极数(4极)
Number of pole(4pole)

安装形式 INSTALLATION FORM

卧装 Horizontal	竖装 Vertocal	任意方向安装 Arbitrary angle
		

注: 规定激振力在20KN以上的振动电机、竖装和任意角度方向安装时, 应保证电机非出线盒端装在下侧

Notice:For the vibrator motor Which vibration force is larger then 20 KN.the motor end with no terminal box should be in lower when it installates in vertical or at arbitrary angle.



振动电机特点

The feature of vibrator motor

- 设计先进，激振力与出力配合适当，重量轻、体积小。
- 激振效率高。利用平稳回转产生振动，噪声低。
- 全封闭结构，可在任何无防爆要求的粉尘条件下工作（防爆型除外）
- 只需调节偏心块夹角，就可无级调整激振力。
- 可多机组合成各种振动形式，以完成各种作业要求。
- 规格齐全，能满足各类振动机械的工作需要。
- Advanced design,vibration force and output is matched properly.The motor is light in weight and small in size
- The efficiency is hig.Due to the vibration is produced by smoothly rotation,therefore the noise is low.
- Total enclosure structure,it can be operated under any dust conditions which have not explosin-proof requirement. (Except YBZO flameproof type)
- Just adjust the angle of centrifugal weight,the vibration force can be regulated steplessly.
- Various vibration forms can be combined by several motors.Every working requirement can be saitsfied.
- The specifcaitons are abundant.The working reuirement of every vibratory mahinery can be satisfied.

振动电机使用条件

The operation condition of vibrator motor

电源电压频率: 380伏50赫兹或460伏60赫兹

Power voltage and frequency: 380V,50Hz;460V,60Hz

绝缘等级: B或F

Insulation class: B or F

工作方式: 连续 (短频型除外)

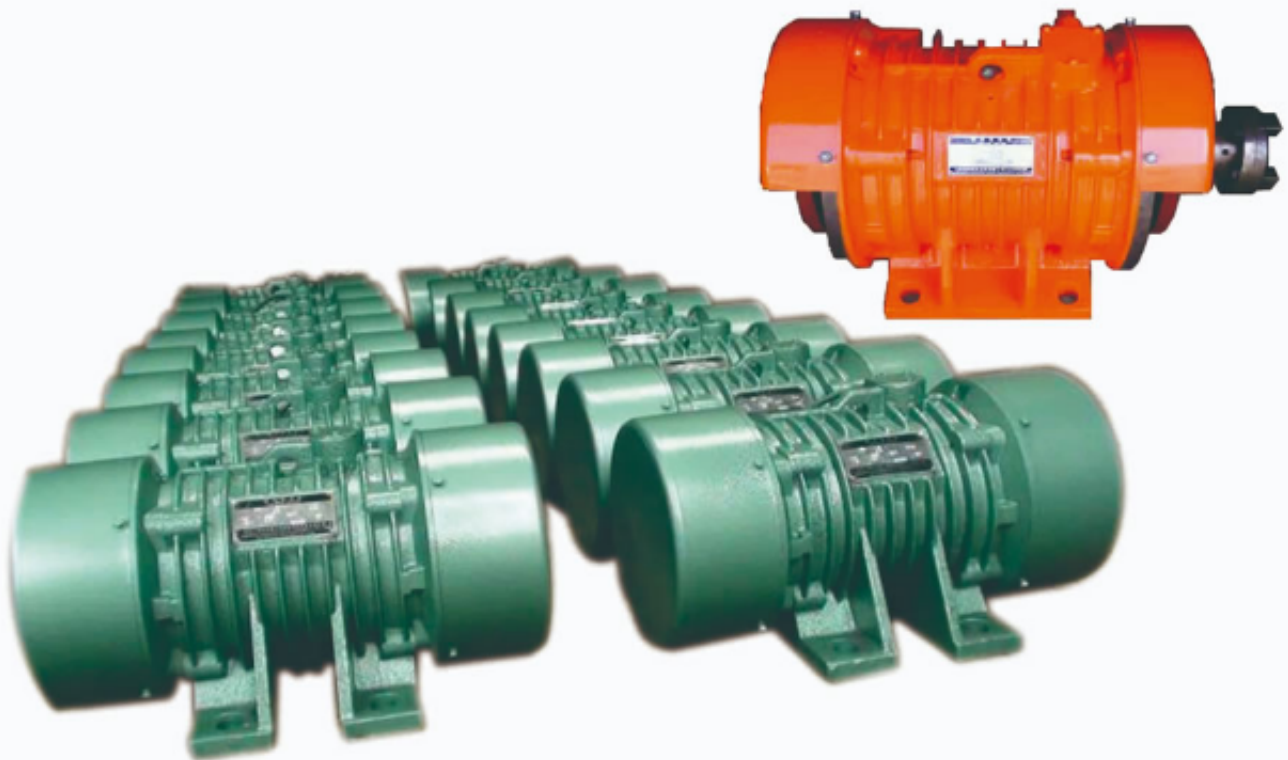
Duty: continuous (Except YZDP type)

环境温度: 不超过 40℃

Ambient temperature: not exceed 40℃

海拔: 不超过 1000米

Altitude: not exceed 1000m



技术参数及安装尺寸

Technical Date and Installation Size

型号 Type	振次/分 Vibration number	额定 激振力 Vibration force(KN)	额定 功率 Power (kW)	额定 电流 Current (A)	外型图 代号 Picture NO.	安 装 尺 寸 Installation dimensions										安装 螺栓 尺寸 Boit	重量 Weight (Kg)
						A	B	H	AB	BB	HA	HD	L	CB	K		
						YZO-1-2	2900	1	0.09	0.32	1	120	40	63	145		
YZO-2-2	2	0.18	0.59	1	120	40		63	145	70	10	150	220		10	4*M8	10
YZO-3-2	3	0.25	0.78	1	150	90		90	180	130	12	190	280		14	4*M12	20
YZO-4-2	4	0.30	0.85	1	150	90		90	180	130	12	190	280		14	4*M12	22
YZO-5-2	5	0.37	1.10	1	180	110		100	225	150	14	220	370		18	4*M16	26
YZO-8-2	8	0.62	1.46	1	180	110		100	225	150	14	220	370		18	4*M16	28
YZO-10-2A	10	0.75	1.96	2	190	210		100	240	260	16	240	370		22	4*M20	45
YZO-10-2	10	0.75	1.96	3	220	140		120	270	200	16	250	465		22	4*M20	45
YZO-20-2	20	1.50	3.66	3	260	150		140	320	220	18	300	520		26	4*M24	75
YZO-25-2	25	2.00	4.85	3	260	150		140	320	220	18	300	520		26	4*M24	80
YZO-30-2	30	2.20	5.12	4	310	170		160	380	240	20	330	630		33	4*M30	110
YZO-40-2	40	3.00	6.85	4	310	170		160	380	240	20	330	630		33	4*M30	120
YZO-50-2	50	3.70	8.43	4	350	220		180	430	310	30	400	660		39	4*M36	180
YZO-65-2	65	4.50	10.58	4	350	220		180	430	310	30	400	660		39	4*M36	190
YZO-80-2A	80	5.50	13.88	4	380	250		215	470	400	35	460	620		45	4*M42	260
YZO-80-2B	80	5.50	13.88	7	360	120		215	430	370	35	415	610	120	29	6*M27	250
YZO-90-2A	90	7.50	14.33	4	380	250		215	470	400	35	460	620		45	4*M42	320
YZO-90-2B	90	7.50	14.33	7	360	120		215	430	370	35	415	610	120	29	6*M27	270
YZO-100-2A	100	9.00	15.38	4	380	250		215	470	400	35	460	620		45	4*M42	330
YZO-100-2B	100	9.00	15.38	7	360	120		215	430	370	35	415	610	120	29	6*M27	280
YZO-130-2	130	12.00	22.35	4	440	280	240	520	400	40	520	780		45	4*M42	380	

技术参数及安装尺寸

Technical Date and Installation Size

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						A	B	H	AB	BB	HA	HD	L	CB	K		
						YZO-1-4	1450	1	0.09	0.38	1	120	40	63	145		
YZO-2.5-4	2.5	0.12	0.47	1	150	90		90	180	130	12	190	280		14	4*M12	22
YZO-4-4	4	0.20	0.75	1	150	90		90	180	130	12	190	280		14	4*M12	24
YZO-5-4	5	0.25	0.87	1	180	110		100	225	150	14	220	370		18	4*M16	30
YZO-8-4	8	0.37	1.18	3	220	140		120	270	200	16	250	465		18	4*M16	45
YZO-10-4	10	0.55	1.76	3	220	140		120	270	200	16	250	465		22	4*M20	50
YZO-13-4	13	0.65	2.05	3	220	140		120	270	200	16	250	465		22	4*M20	65
YZO-16-4	16	0.75	2.17	3	260	150		140	320	220	20	300	465		26	4*M24	68
YZO-17-4	17	0.85	2.2	3	240	140		130	305	215	20	300	465		26	4*M24	70
YZO-20-4	20	1.10	3.18	3	260	150		140	320	220	18	300	520		26	4*M24	75
YZO-25-4	25	1.35	3.35	3	260	150		140	320	220	18	300	520		26	4*M24	80
YZO-30-4	30	1.50	3.8	4	310	170		160	380	240	20	330	630		33	4*M30	110
YZO-40-4	40	1.85	4.52	4	310	170		160	380	240	20	330	630		33	4*M30	120
YZO-50-4	50	2.20	5.57	4	350	220		180	430	310	30	400	660		39	4*M36	180
YZO-63-4	63	3.00	7.2	4	350	220		180	430	310	30	400	660		39	4*M36	190
YZO-80-4	80	3.70	8.9	4	380	250		215	470	400	35	460	670		45	4*M42	260
YZO-90-4	90	5.50	12.38	4	380	250		215	470	400	35	460	670		45	4*M42	320
YZO-100-4	100	6.30	14.25	4	440	280		240	520	400	40	520	780		45	4*M42	330

技术参数及安装尺寸

Technical Date and Installation Size

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						A	B	H	AB	BB	HA	HD	L	CB	K		
						YZO-130-4A	1450	130	7.50	17.01	6	540	340	260	640		
YZO-130-4	130	7.50	17.01	7	460	140		250	550	400	40	490	810	140	45	6*M42	590
YZO-160-4A	160	10.00	22.68	6	540	340		260	640	690	40	590	890	130	39	8*M36	700
YZO-160-4	160	10.00	22.68	7	460	140		250	550	400	40	490	810	140	45	6*M42	625
YZO-180-4	180	12.00	27.68	8	600	120		270	690	510	45	550	950	120	45	8*M42	810
YZO-210-4	210	16.00	31.5	8	600	120		270	690	510	45	550	970	120	45	8*M42	850
YZO-250-4A	250	18.00	39.05	6	630	420		300	740	840	48	680	1060	160	45	8*M42	1150
YZO-300-4A	300	22.00	47.66	6	630	420		300	740	840	48	680	1170	160	45	8*M42	1260

技术参数及安装尺寸

Technical Date and Installation Size

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						A	B	H	AB	BB	HA	HD	L	CB	K		
						YZO-2-6	970	2	0.12	0.65	1	150	90	90	180		
YZO-3-6	3	0.25	0.99	1	180	110		100	225	150	14	220	370		18	4*M16	35
YZO-5-6	5	0.37	1.37	3	220	140		120	270	200	16	250	465		22	4*M20	60
YZO-6-6	6	0.40	1.53	3	220	140		120	270	200	16	250	465		22	4*M20	63
YZO-8-6	8	0.55	2.11	3	220	140		120	270	200	16	250	465		22	4*M20	70
YZO-10-6	10	0.75	2.47	3	260	150		140	320	220	20	300	520		26	4*M24	80
YZO-13-6	13	0.65	2.85	3	260	150		140	320	220	20	300	520		26	4*M24	85
YZO-16-6	16	1.10	3.37	3	260	150		140	320	220	20	300	520		26	4*M24	95
YZO-20-6	20	1.50	4.47	4	310	170		160	380	240	20	330	630		33	4*M30	135
YZO-26-6	26	1.85	5.58	4	310	170		160	380	240	20	330	630		33	4*M30	175
YZO-30-6	30	2.20	6.22	4	350	220		180	430	310	30	400	660		39	4*M36	230
YZO-40-6	40	3.00	8.38	4	350	220		180	430	310	30	400	660		39	4*M36	255
YZO-50-6	50	3.70	9.37	4	380	250		215	470	400	35	460	710		45	4*M42	300
YZO-63-6	63	4.50	11.50	4	380	250		215	470	400	35	460	710		45	4*M42	320
YZO-130-6A	970	130	7.50	18.08	6	540		340	260	640	690	40	590	920	130	39	8*M36
YZO-130-6		130	7.50	18.08	7	460	140	250	550	400	40	490	810	140	45	6*M42	600
YZO-140-6A		140	9.00	21.83	6	540	340	260	640	690	40	590	950	130	39	8*M36	750
YZO-150-6A		150	10.00	23.83	6	540	340	260	640	690	40	590	1150	130	39	8*M36	780
YZO-150-6		150	10.00	23.83	8	520	118	250	610	500	42	500	940	118	39	8*M36	750
YZO-160-6A		160	12.00	28.6	6	540	340	260	640	690	40	590	1150	130	39	8*M36	800
YZO-160-6		160	12.00	28.6	8	460	140	250	550	400	40	490	810	140	45	8*M42	625
YZO-180-6A		180	14.00	33.36	7	540	340	260	640	690	40	590	1150	130	39	8*M36	850
YZO-180-6B		180	14.00	33.36	8	600	120	270	690	510	45	550	980	120	45	8*M42	890
YZO-180-6B		180	14.00	33.36	8	600	120	270	690	510	45	550	980	120	45	8*M42	890
YZO-180-6C		180	14.00	33.36	8	520	120	270	610	510	45	550	1000	120	39	8*M36	850
YZO-210-6		210	16.00	36.93	8	600	120	270	690	510	45	550	1040	120	45	8*M42	950
YZO-250-6A		250	18.00	43.39	6	630	420	300	740	840	48	680	1170	160	45	8*M42	1250
YZO-300-6A		300	22.00	52.96	6	630	420	300	740	840	48	680	1210	160	45	8*M42	1360

技术参数及安装尺寸

Technical Date and Installation Size

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						A	B	H	AB	BB	HA	HD	L	CB	K		
YZO-3-8	720	3	0.25	0.99	3	220	140	120	270	200	16	250	465		22	4*M20	60
YZO-5-8		5	0.37	1.37	3	260	150	140	320	220	20	300	520		26	4*M24	80
YZO-10-8		10	0.75	2.79	4	310	170	160	380	240	20	330	630		33	4*M30	135
YZO-20-8		20	1.50	4.93	4	350	220	180	430	310	30	400	660		39	4*M36	230
YZO-30-8		30	2.20	6.72	4	380	250	215	470	400	35	460	710		45	4*M42	300
YZO-40-8		40	3.00	7.56	4	380	250	215	470	400	35	460	710		45	4*M42	300
YZO-50-8A		50	3.70	9.77	5	440	280	240	550	400	40	520	780		45	4*M42	500
YZO-50-8		50	3.70	9.77	4	440	280	240	520	400	40	520	780		45	4*M42	365
YZO-63-8A		63	4.50	11.95	5	440	280	240	550	400	40	520	780		45	4*M42	525
YZO-63-8		63	4.50	11.95	4	440	280	240	520	400	40	520	780		45	4*M42	390
YZO-80-8A		80	5.50	14.15	6	540	340	260	640	690	40	590	890	130	39	8*M36	665
YZO-80-8		80	5.50	14.15	7	460	140	250	550	400	40	490	810	130	45	6*M42	480
YZO-100-8A		100	6.30	18.55	6	540	340	260	640	690	40	590	890	130	39	8*M36	700
YZO-100-8		100	6.30	18.55	7	460	140	250	550	400	40	490	810	130	45	6*M42	625
YZO-130-8A		130	7.50	21.83	6	540	340	260	640	690	40	590	920	130	39	8*M36	735
YZO-140-8A		140	9.00	24.44	6	540	340	260	640	690	40	590	950	130	39	8*M36	750
YZO-160-8		160	12.00	31.26	8	600	120	270	690	510	45	550	1040	120	45	8*M42	935
YZO-190-8A		250	18.00	38.56	6	630	420	300	740	840	48	680	1170	160	45	8*M42	1350
YZO-250-8A		300	22.00	51.33	6	630	420	300	740	840	48	680	1210	160	45	8*M42	1420

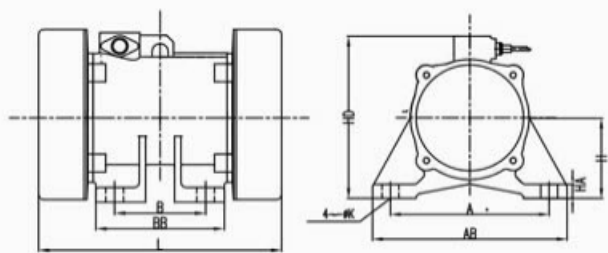


图1 NO.1

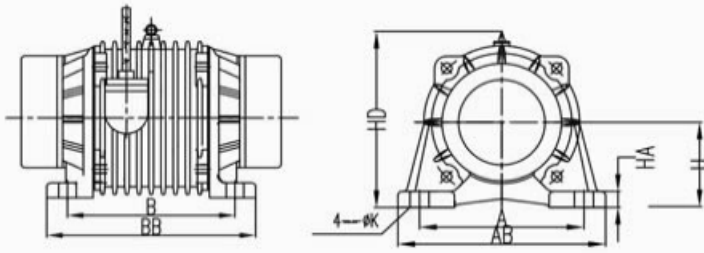


图2 NO.2

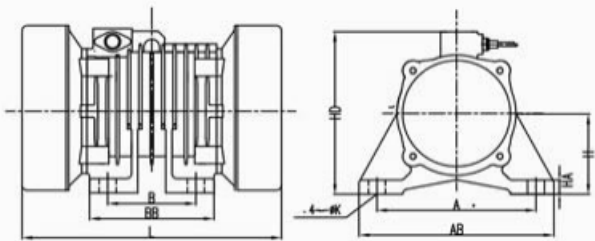


图3 NO.3

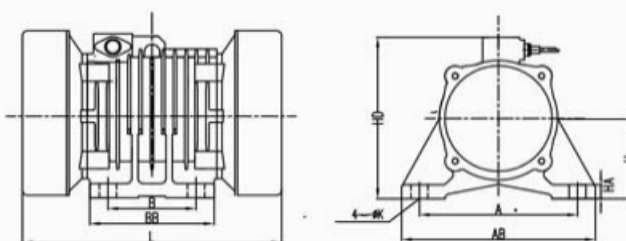


图4 NO.4

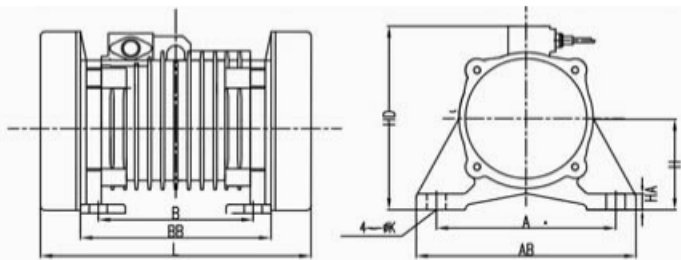


图5 NO.5

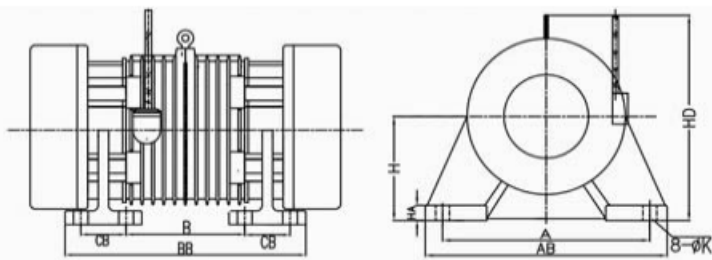


图6 NO.6

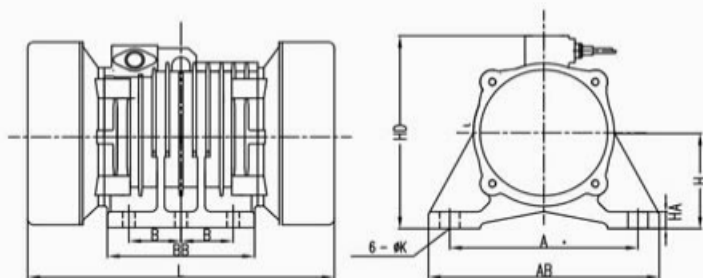


图7 NO.7

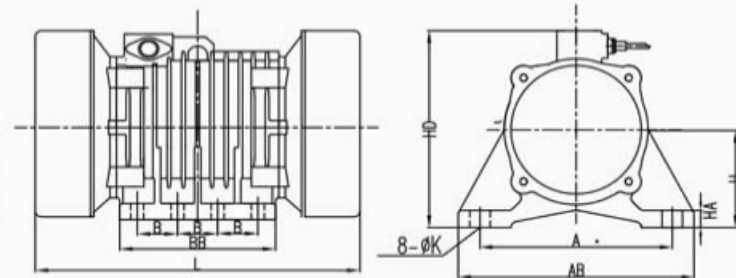


图8 NO.8

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