

环保型交直交电磁搅拌器

Series of Environmental Protection Electric Magnetic Stirrer



结构特点：

- ◆装机功率小，功耗低。
- ◆功率因数高，电网侧谐波电流基本为零。
- ◆操作直观，灵活移动，人机界面图文显示，自动化程度高。
- ◆参数设计合理、先进、磁场强度高、深度大。
- ◆升降、移动均采用机械传动，工作可靠、安全、寿命长、无污染。
- ◆可实现“一机多炉”工作，应用范围广。
- ◆配置灵活选用方便。

structural characteristics

Small installed power, low power consumption

High power factor, grid side harmonic current is substantially zero.

Intuitive operation, flexible movement, Human Machine interface graphic display, high automatic degree.

The parameter is reasonable designed and advanced, with high magnetic field strength and large depth.

Lifting, moving both by mechanical transmission, reliable work, long service life, safety, no pollution.

With the protection of electrical and mechanical protective system, each operation has interlock and limit position control functions.

Can achieve “one stirrer, multi- furnace” work, wide range of applications.

Flexible configuration and convenient selection.



交直交 (PWM+PWM) 变频系列底置式电磁搅拌器参数表

Series of AC- DC- AC(PWM+PWM) frequency converter Bottom-mounted Electromagnetic stirrer Parameters Table

设备型号 Model	JBDZ. 02DZ	JBDZ. 05DZ	JBDZ. 10DZ	JBDZ. 20DZ	JBDZ. 30DZ	JBDZ. 40DZ	JBDZ. 60DZ	JBDZ. 90DZ	JBDZ. 120DZ	JBDZ. 150DZ
搅拌吨位 Stir Tonnage (T)	≤ 2.2 t	≤ 5.5 t	≤ 12 t	≤ 22 t	≤ 33 t	≤ 45 t	≤ 66 t	≤ 100 t	≤ 132 t	≤ 165 t
装机功率 Power(kW)	50	50	60	70	100	130	160	220	270	320
功率因数 Power Factor	≥ 0.96	≥ 0.96	≥ 0.96	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98
变频电源输入参数 (3相, 频率: 50Hz/60Hz) Frequency power input parameters (three phase, frequency: 50Hz/60Hz)										
线电压 Line voltage	380V	380V	380V	380V	380V	380V	380V	380V	380V	380V
最大搅拌电流 Maximum stirring current(A)	75	75	90	106	150	197	243	334	410	486
变压器参数 Transformer parameters (KVA)	50	50	60	70	100	130	160	220	270	320
电器柜数量 Number of electrical cabinets	2	2	2	3	3	3	3	4	4	4
柜体尺寸 Cabinet size (m)	1 × 0.8 × 2.2	1 × 0.8 × 2.2	1 × 0.8 × 2.2	1 × 0.8 × 2.2	1 × 0.8 × 2.2	1 × 0.8 × 2.2	1 × 0.8 × 2.2	1 × 0.8 × 2.2	1 × 0.8 × 2.2	1 × 0.8 × 2.2
变频电源输出参数 (3相, 频率: 0~5Hz) Frequency Power Output parameters (three phase, frequency: 0~5Hz)										
相电压 Phase voltage (V)	0- 380	0- 380	0- 380	0- 380	0- 380	0- 380	0- 380	0- 380	0- 380	0- 380
最大电流 Maximum current (A)	300	300	300	450	600	1000	1000	1500	2000	2000
感应器参数 Sensor parameters										
感应器尺寸 Sensor size (m)	1.9×1.1×1.7	2.1×1.1×1.7	2.2×1.4×1.7	2.4×1.4×1.7	2.65×1.4×1.7	3.3×1.45×1.7	3.75×1.7×1.95	4.45×1.8×2.1	4.45×2.1×2.1	5.2×2.5×2.1
窗口尺寸 Window size (m)	2.2 × 1.4	2.4 × 1.4	2.5 × 1.7	2.7 × 1.7	2.95 × 1.7	3.6 × 1.75	4.05 × 2	4.75 × 2.1	4.75 × 2.4	5.5 × 2.8
轻轨中心距 Rail center distance	900mm	900mm	1200mm	1200mm	1200mm	1200mm	1200mm	1600mm	1600mm	1800mm
额定输入电流 Rated input current (A)	180	220	240	320	450	600	980	1130	1200	1500
工作频率 Operating Frequency	同交 - 交 With AC - AC	同交 - 交 With AC - AC	同交 - 交 With AC - AC	同交 - 交 With AC - AC	同交 - 交 With AC - AC	同交 - 交 With AC - AC	同交 - 交 With AC - AC	同交 - 交 With AC - AC	同交 - 交 With AC - AC	同交 - 交 With AC - AC
工作相电压 Operating phase voltage	160	160	220	220	220	220	220	220	220	220
炉底厚度 Bottom thickness	≤ 450mm	≤ 450mm	≤ 450mm	≤ 500mm	≤ 500mm	≤ 550mm	≤ 600mm	≤ 600mm	≤ 650mm	≤ 700mm
熔池深度 Pool depth	450mm	450mm	500mm	600mm	650mm	800mm	850mm	1000mm	1200mm	1200mm
纯水冷却装置参数 Water cooling device parameters										
标配型号 Standard Model	LSS- 60 水冷 Water cooling	LSS- 60 水冷 Water cooling	LSS- 60 水冷 Water cooling	LSS- 60 水冷 Water cooling	LSS- 125 水冷 Water cooling	LSS- 125 水冷 Water cooling	LSS- 160 水冷 Water cooling	LSS- 200 水冷 Water cooling	LSS- 300 水冷 Water cooling	LSS- 350 水冷 Water cooling
冷却容量 Cooling Capacity	60kW	60kW	60kW	60kW	125kW	125kW	160kW	200kW	300kW	350kW
配电功率 Power distribution	3kW	3kW	3kW	3kW	4kW	4kW	7kW	11kW	12kW	12kW
感应器连接电缆 Sensor connection cable (YCW or YC)										
电缆截面积 Cable cross-sectional area	70mm ²	70mm ²	95mm ²	120mm ²	150mm ²	150mm ²	185mm ²	240mm ²	150mm ² × 2	185mm ² × 2

以上参数仅供参考, 实际使用时, 以技术协议为准。The above parameters are for reference only, actual use, subject to technical agreement.