

YWH系列电力液压鼓式制动器

YWH Series Electro-hydraulic Drum Brakes

应用：电力液压鼓式制动器，广泛应用于各种起重运输、港口装卸、冶金设备、矿山机械及工程机械中各种机构的减速和停车(维持)制动。

Application:

Electro-hydraulic drum brakes can be extensively used for various mechanism deceleration and stop/braking of various belt transport, port handling, hoisting, metallurgical, mining and building machinery.

符合标准

■ YWH系列制动器连接尺寸及制动力矩参数符合JB/T6406-2006标准和DIN15435标准；配套符合DIN15430标准的Ed系列推动器。本系列主要适用于安装空间较小，YW、YWZ2、YWZ4等形式无法布置的场所。

Standards compliant:

■ The dimensions and braking torque parameters of YWH series brakes comply with JB/T6406-2006 and DIN15435 standard. They are equipped with Ed series thrusters which comply with DIN15430 standard. This series brakes are mainly used for minor installation room and where YW, YWZ2, YWZ4 series can't be installed.



YWH系列 Series

主要特点

- 联锁式退距均等装置(专利技术)和瓦块自动随位装置，可始终保持两侧瓦块退距均等且无需调整，完全避免因退距不均使一侧制动衬垫浮贴制动轮的现象。
- 主要摆动铰点均设有自润滑轴承，传动效率高，寿命长，在使用过程中无需润滑。
- 制动弹簧在方管内布置并设有标尺，用户可十分方便地读出制动力矩值，免去测量和计算的麻烦。
- 制动衬垫为卡装式整体成型结构，更换十分方便、快捷，备有半金属(无石棉)硬质和半硬质，软质(无石棉)等不同材质的制动衬垫供用户选择。
- 配套的系列推动器产品，动作灵敏、使用寿命长。

Main Design Features:

- Interlocking shoe clearance balancing device (patented technology) and shoe auto-aligning device constantly equalize the clearance of brake shoes on both sides and make adjustment unnecessary, completely avoiding brake lining one side sticking to brake wheel.
- Brake spring is arranged inside square tube and surveyor's rod is placed on one side. It is easy for customers to read braking torque value and avoid the troubles of measuring and computing.
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- Brake lining is of card whole piece shaping structure, which is easy and quick to replace. Brake lining of various materials such as half-metal (non-asbestos) hard and half-hard, soft (include asbestos) substance are available for customer to choose.
- The equipped series of thruster sare characterized by flexible aetion and long operating life.

附加装置

- 手动释放装置
- 释放(开闸)限位开关, 可实现制动器是否正常释放的信号显示。
- 衬垫磨损极限限位开关, 可实现制动衬垫磨损到极限时的信号显示(注意: 应用于须带自动补偿装置的制动器)。
- 采用带下降延时阀的推动器时, 可实现制动器的延时闭合, 以满足一些特定场合的需要。

Additional option:

- Hand release lever.
- Open(Release) or close limit-switch, which indicates whether the brake is properly released or closed.
- Lining-wear limit-switch, equipped which signals will shown when wear of lining reaches the limit (note: self-compensation device should be equipped in application)
- When use such thrusters that with descending delay valve, the delay close of brake can be realized, which can meet requirements in some specific occasion.

使用条件

- 环境温度: $-25\sim+50^{\circ}\text{C}$ 。
- 相对湿度: $\leq 90\%$ 。
- 电压等级: 380~400V 50Hz 440~460V 60Hz。
- 适应的工作制: 连续(S1)和断续(S3-60%, 操作频率 <1200 次/小时)工作制。有特殊要求时, 在订货时协商确定。

Operating conditions

- Ambient temperature: $-25\sim+50^{\circ}\text{C}$.
- Relative humidity: $\leq 90\%$.
- Voltages: 380~400V 50Hz 440~460V 60Hz
- Operating duty: intermittent (S3-60%. 1200 times per hour) and continuous (S1). Special requirements can be discussed in order.

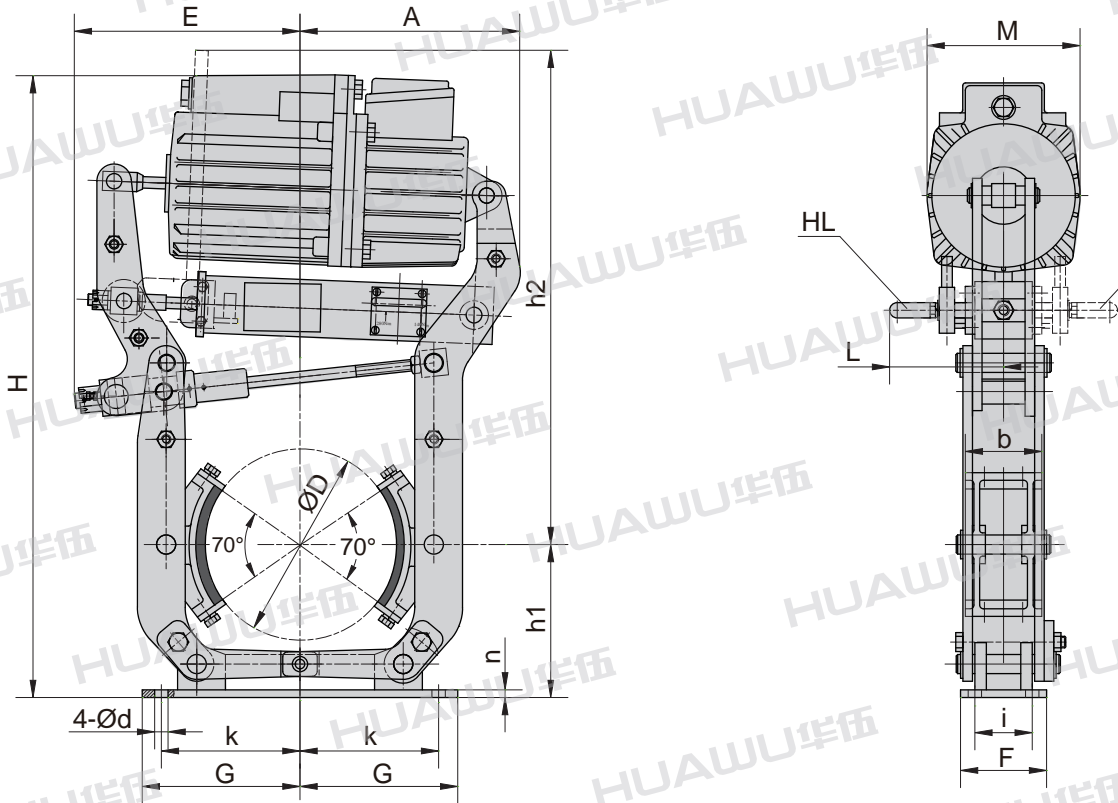


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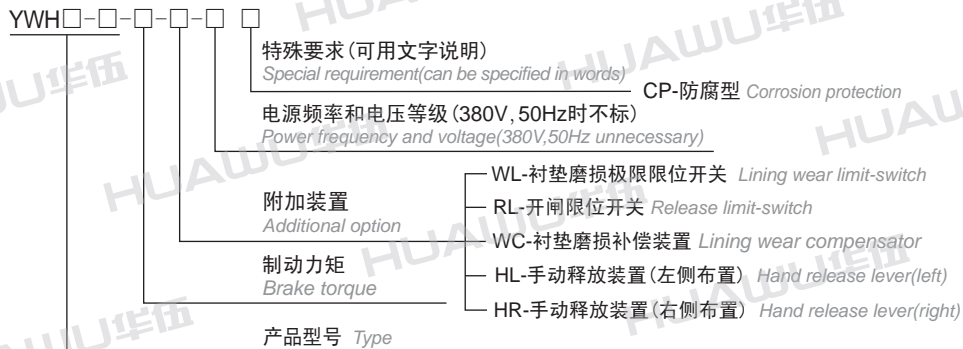
08/2013

外形及安装尺寸

Outline and installation dimensions



订货标记 Order Mark



订货示例 Order Example

YWH315-500-630-WC.WL.RL 440V/60Hz.CP YWH200-300-280



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YWH系列鼓式制动器技术参数及安装尺寸 Technical data and dimensions of YWH series drum brakes

制动器型号 Brake type	推动器型号 Thruster type	制动力矩 Brake torque (Nm)	安装及外形尺寸 Dimensions (mm)															重量 Weight (Kg)
			D	h1	k	i	d	n	b	F	G	E	A	H	h2	M	L	
YWH160-220	Ed220-50	80~160	160	132	130	55	14	6	65	90	150	215	270	630	465	160	120	30
YWH200-220	Ed220-50	100~200	200	160	145	60	14	8	80	90	165	240	290	655	520	160	120	32
YWH200-300	Ed300-50	140~280																35
YWH250-220	Ed220-50	125~250	250	190	180	65	18	12	90	100	200	285	290	770	585	160	130	46
YWH250-300	Ed300-50	160~315																48
YWH250-500	Ed500-60	250~500										290	330	820	195	145	52	
YWH300-300	Ed300-50	200~400	300	240	250	80	22	12	140	130	275	320	330	910	650	160	145	65
YWH300-500	Ed500-60	315~630																68
YWH300-800	Ed800-60	500~1000			220									195	70			
YWH315-300	Ed300-50	200~400	315	230	220	80	18	12	140	130	275	320	330	900	650	160	145	69
YWH315-500	Ed500-60	315~630												930				195
YWH315-800	Ed800-60	500~1000												71				
YWH400-500	Ed500-60	400~800	400	280	270	100	22	12	140	140	300	400	380	1090	830	195	145	92
YWH400-800	Ed800-60	630~1250																94
YWH400-1250	Ed1250-60	1000~2000										415	460	1120	1015	240	175	105
YWH500-800	Ed800-60	800~1600	500	340	325	130	22	16	180	180	365	475	380	1200	880	195	190	140
YWH500-1250	Ed1250-60	1250~2500																435
YWH500-2000	Ed2000-60	2000~4000										190	150					