

ELECTRIC HOIST

GSDH型钢丝绳电动葫芦

GSDH Electric Wire Rope Hoist

GSDH/GSDH-B钢丝绳电动葫芦是我国机械行业定型起重设备。GSDH钢丝绳电动葫芦起升速度为常速，可以满足一般场合的使用需求。GSDH-B钢丝绳电动葫芦为双速，可根据不同的需求调整起升速度。主要结构有减速器、运行机构、卷筒装置、吊钩装置、联轴器、软缆电流引入器、限位器等。

适用范围：GSDH/GSDH-B钢丝绳电动葫芦可以在同一平面上直的、弯曲的或循环的架空轨道上使用，也可以在以工字钢为轨道的电动单梁、手动单梁或桥式、悬挂、悬臂、龙门等起重机上使用，还可以改造成卷扬机使用。广泛应用在工厂、货栈、码头、电站、伐木场等场所。

GSDH/GSDH-B钢丝绳电动葫芦特点：

- 1、减速器：采用三级定轴斜齿轮传动结构，齿轮和齿轮轴用经过热处理的合金钢制成；箱体、箱盖由优质铸铁制成，装配严密；减速器自成一个部件，装卸极为方便。
- 2、控制箱：采用能在紧急情况下切断主电路，并带有上下行程保护断火限位器的装置。确保了电动葫芦的安全运行。电器元件寿命长，安全可靠。
- 3、钢丝绳：采用GB1102-74(6x37+1)型起重钢丝绳，保证经久耐用。
- 4、锥形电动机：起升电动机采用较大动力矩锥形转子制动异步电动机，无须外加制动器，集动力与制动力于一身。电机负载持续率为25%，电机采用B级或F级绝缘，电机防护等级为IP44/IP54。
- 5、按钮开关：手操式开关轻巧灵便，分有绳操纵和无绳遥控两种方式。

GSDH/GSDH-B type of wire-rope electrical hoist is a kind of light-small lifting equipment which is tight structure, light in weight, small in volume, wide in use and convenient in operation etc. It can be widely used to hoist heavy objects, or to install on the straight or curve l-steel beam of single girder cranes. They can also be used together with electric. Hoist double girder, gantry crane and slewing cranes. All the above has made the electrical hoists common in industrial and mine enterprises, railway, wharfs and warehouses.

- 1.Reducer: Third-class dead axel helical gear transmission structure is adopted, gear and tear axel are made of heat treated alloy steel, case and case cover with precise assembly and good seal are made of quality cast iron. The reducer is independent, so it is easy to load and unload.
- 2.Control Box: It has device with up and down stroke protection of break off limiter and can cut off main circuit in an emergency, which ensures safe operation of electric block, Electric elements are of long service life and operation safety.
- 3.Wire Rope: It used GB1102-74(6x37+1) hoist steel wire rope which is durable is use.
- 4.Conical Motor: The hoist motor uses conical rotors of relatively stronger starting torque to brake asynchronous motor and F grade insulation and its grade of production is IP44/IP54.
- 5.Button Switch: It is an operated, easy to handle, and has two modes of cord operation and cordless remote control.

Model: GSDH



型号 Product Code	GSDH/GSDH-B(GSDH-A/GSDH-B1)																																									
额定起重量 Capacity(t)	0.5					1					2					3					5					10																
基准工作级别 JNorm working level	M3					M3					M3					M3					M3					M3																
起升高度 Hoisting height(m)	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30
起升速度 Hoisting speed(m/min)	8(8/0.8)					8(8/0.8)					8(8/0.8)					8(8/0.8)					8(8/0.8)					7(7/0.7)																
运行速度(悬挂式) Operating speed(suspended type)(m/min)	20(20/6.7) 30(30/10)					20(20/6.7) 30(30/10)					20(20/6.7) 30(30/10)					20(20/6.7) 30(30/10)					20(20/6.7) 30(30/10)					20(20/6.7) 30(30/10)																
滑轮倍率 Multiplying power of chain wheel	2/1					2/1					2/1					2/1					2/1					4/2																
起升电机型号及功率 Type and power of hoisting electric motor(kw)	ZDY11-4(0.8)					ZDY22-4(1.5)					ZD31-4(3)					ZDY32-4(4.5)					ZD41-4(7.5)					ZD51-4(13)																
电机型号及功率(悬挂式) Motor type and power (suspended type)(kw)	ZDY11-4(0.2)					ZDY11-4(0.2)					ZDY12-4(0.4)					ZDY12-4(0.4)					ZDY21-4(0.8)					2xZDY21-4(0.8)																
防护等级 Level of protection	IP44		IP54			IP44		IP54			IP44		IP54			IP44		IP54			IP44		IP54			IP44		IP54			IP44		IP54									
工字钢轨道型号 Type of I-steel track	116a~128b					116a~128b					120a~145c					120a~145b					125a~163c					140a~163c																
最小转弯半径 Minimum turning radius(m)	1	1	1	1.8	2.5	3.2	1	1	1	1.2	1.8	2.5	3.2	1.2	1.2	1.5	2.0	2.8	3.5	1.2	1.2	1.5	2.0	2.8	3.5	1.5	1.5	1.5	2.5	3.0	4.0	1.5	1.5	1.5	2.5	3.0	4.0					
净重 Net weight(kg)	135	140	155	175	185	180	195	190	205	220	235	255	250	265	300	320	340	360	320	340	350	380	410	440	590	630	650	700	750	800	820	870	960	1015	1090	1125						