# 变频钢丝绳式电动葫芦

## Frequency Inverting Electric Hoist

变频电动葫芦是利用变频器使电源频率发生变化,以控制电动机的转速。变频电动葫芦具有以下特点:

#### 一、能减小起动、停止时的冲击

由于该电动葫芦具有平稳运转的性能,因而能减轻起动、停止时的 冲击,特别适用于安装精密模具等不允许有振动的工作环境中。

## 二、能按需求设定起升速度

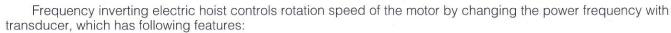
能交起升速度在1/10额定速度至额定速度之间进行设定,以选择最适合的操作速度。

### 三、能提高工作效率

在空载下,能将起升速度在额定速度到1.5倍额定速度之间进行设定,提高空载下的运行速度,以提高工作效率。

#### 四、能方便设定小车运行速度

可以通过变频器对运行电动机进行变频控制,可以方便的使运行电动机在微速下运行,提高运行定位的准确性,也可以进行点动操作。



A. Reduces impact during start and stop

Thanks to its stable operation, this electric hoist can reduce impact during start and stop, and is especially applicable to vibration is forbidden including precision mould installation etc.

B. Speed can be set up

Between 10% and 100% rated speed according to requirement to select the most proper operation speed.

C. Improves working efficiency

It can set the lifting speed between rated speed and 1.5 times of that during idle operation to improve the working efficiency.

D. Set up running speed of the Crab//trolley conveniently

It can carry out frequency inverting control over the running motor with frequency inverter and make the motor run under slight speed ,thus improving the accuracy of operation positioning in addition to jogging operation.

## 基本技术参数 Basic Technical Data

起 1	重量 Lifting capacity(t)		0.5 1				2			3			5				10	16			20	
起升	高度 Li	fting height(m)	6 9	12 18	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	2 18 24	6 9	12 18 2
起升	起升速度 额定负载 Rated load								0.8~8								0.7~7	0.35~3.5				
Lifting speed(m/min) 空 载 Vacancy			12														10.5	5.25				
运行	速度 Tr	2~20																				
电	源 Pc	ower supply(V;Hz)	380, 50																			
接合	次数 Nu	imber of switching(n/hr)											120									
钢 丝 绳 Wire rope			5.1NAT6x19 7.4NAT6x37 +NF1770ZS +NF1670ZS				11NAT6x37 +NF1670ZS			13NAT6x37 +NF1670ZS						T6x37 770ZS		18NAT6x29Fi +Fc1870				
轨道	轨道工字	钢型号 I-beam	16~28b					20a-45c						28a~63c					36a~63c			
Rail	最小曲率半径 Minimun curvature radius		1	5	1.5	2.0	3.0 4.0	2.0	2.5	3.0 4.0	2.0	2.5	3.0 4.0	2.0	2.5	3.0 4.0	2.5 3.0	4.0 6.0 7.5 9.0	3.0 4.0 6.	0 7.5 9.0	3.5 4.0	6.0 7.5 9
电 Motor 机	主起升 Main hoistin	力率 Power(kw)	0	.8	1.5			3.0			4.5			7.5			13		1	1		13
			13	1380 1380			1380				1380			1380			930		930		930	
	运 行 Traversing	功率 Power(kw)	0.2				0.4						0.8				0.8x2	0.8x2				
		ng 转速 Speed(r/min)	1380					1380						1380			1380	1380				

