

1 Hz Tech

Variable Speed Hoist ER3V

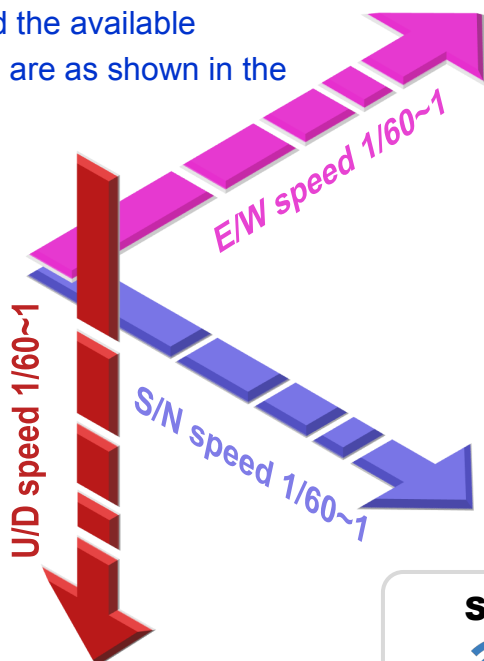


Advantage

- ◆ Stepless speed control prevent load swings & structure shocks.
- ◆ VFDs saving energy and improving efficiency.
- ◆ Longer hoist life.
- ◆ Build-in multiple protection: voltage 、 current 、 temperature 、 power loss...etc.

【 Standard Setting 】

The maximum output of the inverter is set to the motor rating, and the available conditions are as shown in the figure.

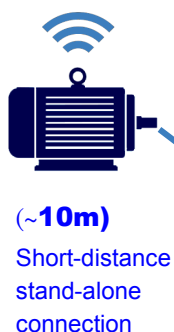


Speed Indicator
(Option)



Wireless Charging Function

Smart Motor Monitoring System (Option)



- IoT Smart Connection
- Easy to Install
- Wireless Remote Monitoring
- Abnormal Alarm
- Maintenance Notice
- Cloud analysis

Feature

- ◆ Dustproof and waterproof body (IP55).
- ◆ Die-cast aluminum body.
- ◆ With fan cooling enhanced motor efficiency.
- ◆ Fail safety brake design.
- ◆ Mechanical torque limit.
- ◆ Five pockets as standard.



Product Specification

Type	Hoist only	ER3V-028	ER3V-030	ER3V-050	ER3V-075
	Hoist + Trolley	ER3V-028-MTV	ER3V-030-MTV	ER3V-050-MTV	ER3V-050-MTV
Rated Cap (Ton)		2.8	3	5	5
Hoist speed	Max (m/min)	6	6	3	2
	Min (mm/sec)	1.67	1.67	0.83	0.56
Trolley speed	Max (m/min)	18	18	18	18
	Min (mm/sec)	5.0	5.0	5.0	5.0
Chain Dia (mm) x No of Falls		Φ11.2 x 1	Φ11.2 x 1	Φ11.2 x 2	Φ11.2 x 3

Remark

- Max speed based on rated frequency = 60Hz
- Min speed based on 1 Hz 【Other speed set value upon request】
- Push button : Single step + Variable (Standard) or Dual step (slow speed with variable) or Second-step
- Power supply : 3 Phase 220~440 【Special voltages on request】
- Control voltage : 24V
- Capacity $\leq$ 2T 【please check CSV type hoist】