

# 1 Hz Tech

## Variable Speed Hoist CSV

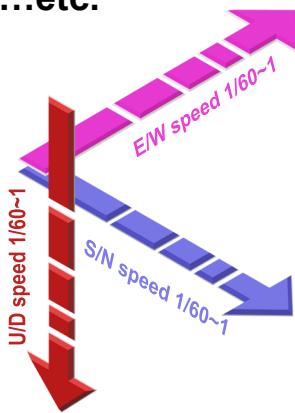


### Advantage

- ◆ 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.



| Type                         | Hoist only      | 1/2CSVL     | 1/2CSVH     | 1CSVL     | 2CSVL     |
|------------------------------|-----------------|-------------|-------------|-----------|-----------|
|                              | Hoist + Trolley | 1/2CSVL-MTV | 1/2CSVH-MTV | 1CSVL-MTV | 2CSVL-MTV |
| Rated Cap (Ton)              | 0.5             | 0.5         | 0.5         | 1         | 2         |
| *Hoist speed                 | Max (m/min)     | 4.6         | 9.2         | 4.6       | 2.3       |
|                              | Min (m/min)     | 0.46        | 0.9         | 0.46      | 0.23      |
| *Trolley speed               | Max (m/min)     | 15          | 15          | 18        | 18        |
|                              | Min (m/min)     | 3.75        | 3.75        | 4.5       | 4.5       |
| Chain Dia (mm) x No of Falls | Φ6.3 x 1        | Φ6.3 x 1    | Φ7.1 x 1    | Φ7.1 x 2  |           |

### Remark

- Max speed based on rated frequency = 60Hz
- Min speed based on 1 Hz 【Other speed set value upon request】
- Push button: Second-step is standard, Single step + Variable
- Power supply: 3 Phase 220~440 【Special voltages on request】
- For Cap  $\leq$  0.5 Ton 【please check CSC type economy pole change - 2 speed】