



Monorail trolley hoist with extremely low headroom model YGK-E

Extremely low headroom and compact design allow maximum hook travel. This robust and maintenance friendly hoist is suitable for many industrial applications. Due to the flexible and easily adjustable trolley, the YGK-E is easy and fast to install. Properties like the quiet and smooth running gearbox and the optimised drive characteristics of the trolley extend the life expectancy.

Features

- Monorail trolley with extremely low headroom as standard.
- FEM/ISO classification 2m/M5. As required (with appropriate changes to lifting capacity resp. duty cycle) the model YGK-E can also be re-classified to 3m/M6.
- Control cabinet with contactors (42 V control voltage) for both trolley and hoist.
- The motor is located outside the rope drum permitting good cooling and serviceability.
- Hoist motor with thermal overload protection and limit switch, phase and motor monitoring.
- Low maintenance brake protected to IP 65
- Motor protected to IP 55 as standard (acc. to VDE 0530), insulation class F, against ingress of dust and water jets.
- Standard operating voltage:
Euro-voltage 400 V, 3-phase, 50 Hz;
alternatively 460 V, 3-phase, 60 Hz.
- Proven enclosed low wear rope guide made of glass reinforced polyamide ensures guiding and tensioning of the rope full 360° to avoid slack rope and subsequent damage to the rope.
- The rope can be exchanged and maintained quickly due to three screwed rope clamps and an asymmetrical wedge socket. The open design allows easy maintenance.
- Two-speeds for lifting and traction drive each. Ideal handling characteristics as two wheels are driven, one on each side of the frame. Trolley wheels are mounted on prelubricated, encapsulated ball bearings.
- Robust bottom block made of glass reinforced polyamide.
- Rotating and tiltable load hook trunnion style for easier load adjustment and positioning.



Geared limit switches

The geared limit switch for the upper and lower hook position is conveniently located to allow easy access.



Adjustment to beam flange

Simple adjustment of the trolley to a wide range of beam flange widths by threaded spindle



Overload prevention device
prevents lifting excessive loads

Options

- Other operating voltages
- Two-speed push-button pendant for trolley and hoist control.
- Two-speed push-button pendant for crane travelling, trolley and hoist control.
- Radio remote control
- Control cabinet with contactors for crane control.
- Other beam flange widths.
- Festooned cable system