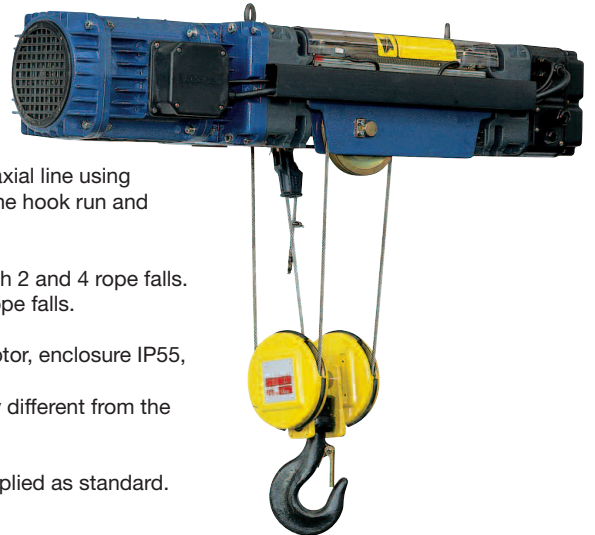


The DRH series Safelift electric wire rope hoist can be used in fixed configuration, with normal headroom monorail trolley, with low headroom monorail trolley and with double girder trolley. DRH series Safelift electric wire rope hoist range includes:

- 4 basic sizes:** DRH 1-2-3-4, to lift from 800kg to 40t, including 1020 standard models, in the FEM service group (ISO): 1Am (M4) - 2M (M5) - 3M (M6).
- 1 lifting speed:** Made with a 4 pole motor: 4 or 6 m/min for 4 rope falls hoists; 8 or 12 m/min for 2 rope falls hoists; 2,7 m/min for 6 rope falls hoists; 2 m/min for 8 rope falls hoists.
- 2 lifting speeds:** Made with a 4/12 pole motor, speeds are: 4/1,3 or 6/2 m/min for 4 rope falls hoists; 8/2,6 or 12/4 m/min for 2 rope falls hoists; 2,7/0,9 m/min for 6 rope falls hoists; 2/0,7 m/min for 8 rope falls hoists.
- 3 lifting speeds:** Made with 4/12 pole motors. The micro speed is obtained by the application of a frequency device on the 12 pole winding.
- 5 standard drums:** Short (C), normal (N), long (L) and extra long (X1) and (X2), for hook runs from 4 to 58 m.

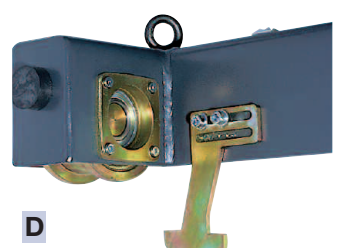
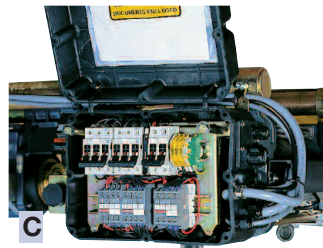
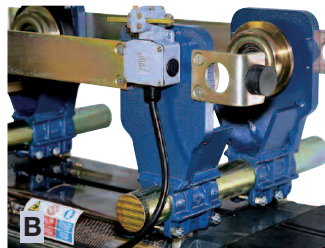
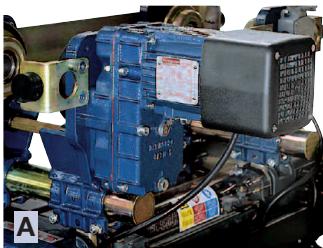
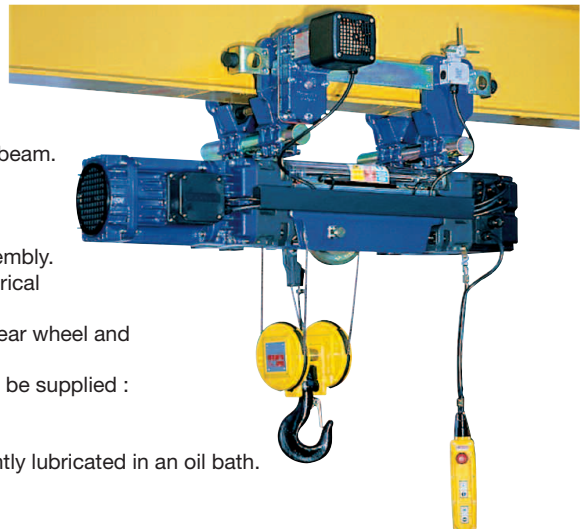
Electric wire rope hoist in fixed configuration

- This is the universal, basic configuration, with fixing eyebolts that allow the DRH hoist to be fixed on a frame as a double girder trolley or in a suspended configuration.
- The basic components (motor, reducer, rope drum) are assembled in a coaxial line using high strength bolted connections in order to guarantee maximum use of the hook run and minimum overall dimensions of the hoist body.
- Every connection can be inspected and has self-locking safety nuts.
- FEM service group 1Bm, 1Am, 2m and 3m: capacity from 800kg to 20t with 2 and 4 rope falls.
- FEM service group FEM 1Am, 2m: capacity from 25t to 40t with 6 and 8 rope falls.
- Lifting height from 4m to 58m.
- Coaxial reducer with three stages of reduction and conical self-braking motor, enclosure IP55, insulation class F, complete with thermal probe as standard.
- Standard supply voltage three-phase 400 V, 50 Hz. (Voltage and frequency different from the standard are available on request.)
- Noise level less than 85dB (A).
- Plastic protective roof above the hoist's drum type "C", "N" and "L" is supplied as standard.
- Electromechanical overload device supplied as standard.



Electric wire rope hoist with normal headroom or articulated monorail trolley DST/N/S

- Hoist with the same features as per fixed configuration.
- Maximum capacity is up to 20t with 2 and 4 rope falls.
- The hoist is suspended from the trolley that runs on the lower flange of the beam.
- The trolley is also available as articulated version to run on curves.
- The trolley has supporting bars with circular cross-sections which support the hoist by a hinge-pin type suspension.
- The trolley is composed of an idler wheel assembly and a drive wheel assembly. Both have two wheels made of machined pressed steel, mounted on spherical bearings which are permanently lubricated.
- The wheels of the drive wheel assembly are opposing and have a crown gear wheel and are connected by a transmission bar.
- The trolley motor is conical self-braking type, progressive start up and can be supplied :
 - 1 travel speed of 8 m/min or 10 m/min or 16 m/min or 20 m/min.
 - 2 travel speeds of 16/4 m/min or 20/5 m/min.
- The reducer is made with gears with helicoidally teeth which are permanently lubricated in an oil bath.



- A - Trolley and crab drive motor and gearbox features a brake that can be adjusted from the outside, reducing downtime & maintenance costs.**
- B - A cross travel limit switch is available as an optional extra.**
- C - The hoist control panel contains no electronic components. Standard electrical parts are used throughout.**
- D - Crab units are fitted with anti-derailment devices.**