

Quality pneumatic hoists  
for industrial and  
offshore applications



TCR-500

P = PENDANT CONTROL



C = CORD CONTROL



ATEX MARKING



STANDARD ATEX:  
II 3 GD c IIA T4

Optional ATEX:  
II 2 GD c IIB T4  
II 2 GD c IIC T4

FROM OCTOBER 2019

STANDARD ATEX:

GAS:  
II 3G Ex h IIA T4 Gc  
DUST:  
II 3D Ex h IIIA 135°C Dc

Optional ATEX:

GAS:  
II 2G Ex h IIB T4 Gb  
DUST:  
II 2D Ex h IIIB 135°C Db

GAS:  
II 2G Ex h IIC T4 Gb  
DUST:  
II 2D Ex h IIIC 135°C Db

## SECTION 2

# PNEUMATIC CHAIN HOISTS

### TCR-500

These RED ROOSTER Air Chain Hoists are especially developed with a robust cast steel body for heavy industrial use. The valve block is the same for the TCR-600250 - TCR-2000/2, which means: less spare parts required. Standard with load limiter.

#### STANDARD FEATURES:

- Precise variable speed control
- Optimum control of the load, very precise positioning
- Compact design
- Mechanical endstop system
- Load limiter built-in without loss of headroom
- Cord control or pendant control

- Low noise level (83 dBA)
- Air pressure 0,4 - 0,63 MPa

**RECOMMENDED**  
**SMC AIR TREATMENT UNIT:**  
AC40-F04DM-8-B

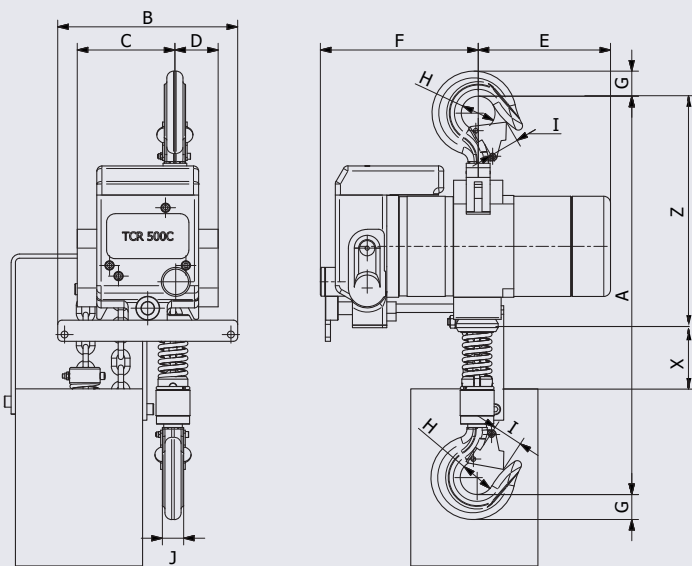
| Model*               | WLL    | Lifting speed with load | Lifting speed without load | Lowering speed with load |
|----------------------|--------|-------------------------|----------------------------|--------------------------|
| TCR-500C   TCR-500PE | 500 kg | 10,5 m/min              | 20,5 m/min                 | 17,9 m/min               |

| Model*               | Air consumption lifting | Air consumption lowering | Air connection | Minimum hose diam |
|----------------------|-------------------------|--------------------------|----------------|-------------------|
| TCR-500C   TCR-500PE | 25 l/sec                | 27 l/sec                 | 1/2" PT        | 1/2"              |

| Model*               | Air pressure | Weight with 3m hol | Additional metre hol | Chain falls       |
|----------------------|--------------|--------------------|----------------------|-------------------|
| TCR-500C   TCR-500PE | 0,4-0,63 MPa | 31,1 kg            | 0,8 kg               | 1 (6,3 x 19,1 mm) |

\*C = Cord control / P = Pendant control

DIMENSIONS IN MM



| Type    | A   | B   | C   | D  | E   | F   | G  | HØ | I  | J  | X   | Z   |
|---------|-----|-----|-----|----|-----|-----|----|----|----|----|-----|-----|
| TCR-500 | 460 | 212 | 115 | 51 | 156 | 186 | 29 | 40 | 29 | 25 | 100 | 250 |

All measurements are in mm / Information subject to change without notice