



## Air Chain Hoists Red Rooster TMH-series

### Product information

With M4 classification of mechanism this hoist is extremely reliable. This hoist will guarantee the continuity of your process. The TMH hoists are designed with a full load supporting eye for installation and securing (during lift applications) the hoist for extra safety.

#### Standard features:

- Precise variable speed control (cord- and pendant control)
- Optimum control of the load, very precise positioning
- Main air shut off valve
- Mechanical end stop system
- Load limiter built-in without loss of headroom
- Low noise level (80 dBA)
- Air pressure 0,4 - 0,63 MPa (4-6,3 bar)
- Piped away exhaust air

#### Optional features:

- Marine Specification/Corrosion resistant
- Paint systems from C2 - Industrial to C5 - Offshore specification (Red finish as standard. Other RAL colours available on request)
- Choice of pendants
- Radio control pendant for electro pneumatic controls
- Control systems
- Chain collectors (PVC, galvanised or stainless steel)
- Various types of hook or clevis available
- Air supply systems and valves
- Piped away exhaust air
- In house design for "specials"
- Festoon systems
- Main air shut off valve

#### ATEX:

- According to EC Directive 94/9/EC (Ex Classification)

#### Recommended:

We strongly recommend using an air handling unit, e.g. from SMC (offered separately).

**Marking:** According to standard, CE-marked

**Standard:** EN 14492-2

| Part Code            | Code         | WLL<br>ton | Number of<br>falls | Lifting speed without<br>load<br>m/min | Air consumption lifting<br>(l/sec) | Lifting speed with<br>load<br>m/min | Lowering speed with<br>load<br>m/min | Air consumption lowering<br>(l/sec) | A<br>mm | B<br>mm | C<br>mm | D<br>mm | E<br>mm | F<br>mm | H<br>mm | I<br>mm | Weight<br>kg |
|----------------------|--------------|------------|--------------------|--|------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| TMH-3000C            | TMH-3000C    | 3          | 1                  | 10.8                                   | 56                                 | 5.4                                 | 10.2                                 | 68                                  | 537     | 314     | 189     | 125     | 265     | 311     | 50      | 34      | 99           |
| TMH-3000PETMH-3000PE | TMH-3000PE   | 3          | 1                  | 10.8                                   | 56                                 | 5.4                                 | 10.2                                 | 68                                  | 537     | 314     | 189     | 125     | 265     | 311     | -       | -       | 99           |
| TMH-6000C2           | TMH-6000C2   | 6          | 2                  | 5.4                                    | 56                                 | 2.7                                 | 5.1                                  | 68                                  | 742     | 371     | 245     | 126     | 265     | 311     | 65      | 42      | 124          |
| TMH-6000P2E          | TMH-6000P2E  | 6          | 2                  | 5.4                                    | 56                                 | 2.7                                 | 5.1                                  | 68                                  | 742     | 371     | 245     | 126     | 265     | 311     | 65      | 42      | 124          |
| TMH-90003C           | TMH-9000C3   | 9          | 3                  | 3.6                                    | 56                                 | 1.8                                 | 3.4                                  | 68                                  | 783     | 455     | 160     | 295     | 265     | 311     | 75      | 53      | 170          |
| TMH-9000P3E          | TMH-9000P3E  | 9          | 3                  | 3.6                                    | 56                                 | 1.8                                 | 3.4                                  | 68                                  | 783     | 455     | 160     | 395     | 265     | 311     | 75      | 53      | 170          |
| TMH-12000C4          | TMH-12000C4  | 12         | 4                  | 2.7                                    | 56                                 | 1.35                                | 2.5                                  | 68                                  | 856     | 398.5   | 149.5   | 249     | 309     | 266     | 83      | 64      | 190          |
| TMH-12000P4E         | TMH-12000P4E | 12         | 4                  | 2.7                                    | 56                                 | 1.35                                | 2.5                                  | 68                                  | 856     | 398.5   | 149.5   | 249     | 309     | 266     | 83      | 64      | 190          |
| TMH-15000C5          | TMH-15000C5  | 15         | 5                  | 2.16                                   | 56                                 | 1.08                                | 2.04                                 | 68                                  | 855     | 466     | 152.5   | 13.5    | 300     | 275     | 83      | 58      | 280          |
| TMH-15000P5E         | TMH-15000P5E | 15         | 5                  | 2.16                                   | 56                                 | 1.08                                | 2.04                                 | 68                                  | 855     | 466     | 152.5   | 13.5    | 300     | 275     | 84      | 58      | 280          |

## Technical data

# Blueprint

