



## Air Chain Hoists Red Rooster TCR series

### Product information

Air chain hoist for loads from 250 up to 2000 kg.

These RED ROOSTER Air Chain Hoists are especially developed for heavy industrial use. Robust cast steel body. Valve block is the same for all models meaning: less spare parts required.

#### Standard features:

- Precise variable speed control (cord- and pendant control).
- Optimum control of the load, very precise positioning.
- Compact design.
- Endstop system.
- Load limiter built-in without loss of headroom.
- Cord control or pendant control.
- Low noise level.
- Air pressure 0,4 - 0,63 MPa (4 - 6,3 Bar).

#### Optional:

- 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.
- Air Service unit.
- 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).

Part Code	Code	WLL	Number of falls	Air consumption lifting (l/sec)	Air consumption lowering (l/sec)	Lifting speed with max.load m/min	Lowering speed with max.load m/min	Air connection	Working pressure bar	Lifting speed without load m/min	Min hoses diam.	Load chain mm	Lifting cycle/hour	A	B	C	D	E	F	G	H	Ø	I	J	X	Z	Weight kg
TCR-600250C	TCR-600250C	0.25	1	25	27	10.5	17.9	1/2" BSPT	6	20.5	1/2"	6.3x19.1mm	4	460	212	115	51	156	186	29	40	29	29	100	250	31.1	
TCR-600250PE	TCR-600250DPE	0.25	1	25	27	10.5	17.9	1/2" BSPT	6	20.5	1/2"	6.3x19.1mm	-	460	212	115	51	156	186	29	40	29	29	100	250	31.1	
TCR-500C	TCR-500C	0.5	1	25	27	10.5	17.9	1/2" BSPT	6	20.5	1/2"	6.3x19.1mm	-	460	212	115	51	156	186	29	40	29	25	100	250	31.1	
TCR-500PE	TCR-500PE	0.5	1	25	27	10.5	17.9	1/2" BSPT	6	20.5	1/2"	6.3x19.1mm	-	460	212	115	51	156	186	29	40	29	25	100	250	31.1	
TCR-1000C	TCR-1000C	1	1	25	28	6	10.3	1/2" BSPT	6	11.3	1/2"	7.1x21mm	-	485	212	116	40	156	186	29	40	29	25	100	250	34	
TCR-1000PE	TCR-1000PE	1	1	25	28	6	10.3	1/2" BSPT	6	11.3	1/2"	7.1x21mm	-	485	212	116	40	156	186	29	40	29	25	100	250	34	
TCR-1000C2	TCR-1000C2	1	2	25	27	5.3	9	1/2" BSPT	6	9.5	1/2"	6.3x19.1mm	-	519	212	139	27	156	186	29	40	29	25	100	250	35.2	
TCR-1000P2E	TCR-1000P2E	1	2	25	27	5.3	9	1/2" BSPT	6	9.5	1/2"	6.3x19.1mm	-	519	212	139	27	156	186	29	40	29	25	100	250	35.2	
TCR-2000C2	TCR-2000C2	2	2	25	30	3	5.2	1/2" BSPT	6	5.7	1/2"	7.1x21mm	-	580	212	143	50	156	186	37	45	29	30	100	280	39.7	
TCR-2000PE	TCR-2000P2E	2	2	25	30	3	5.2	1/2" BSPT	6	5.7	1/2"	7.1x21mm	-	580	212	143	50	156	186	37	45	29	30	100	280	39.7	

## Technical data

## Blueprint

