



Air Hoist
Air Trolley

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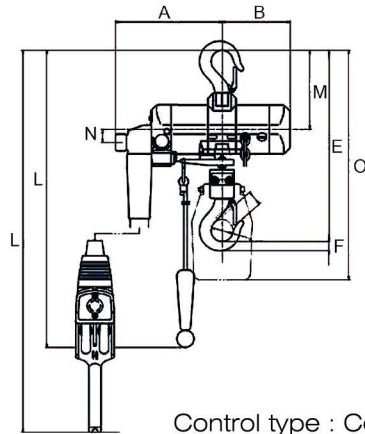


Regular Type Air Chain Hoist - Model TCR (250 kg)

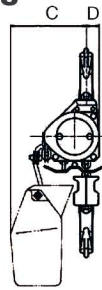


TCR-250DPE

Technical Parameters



Control type : Cord (C)



Main Features

- Precise variable speed control
- Classification (ISO) : M4
- Compact design
- Lightweight aluminum housing
- Failsafe automatic internal disc brake
- Overtraveling limiter
- Alloy safety swivel hook with safety latch

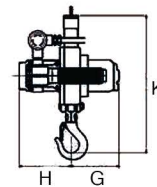
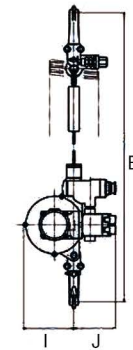
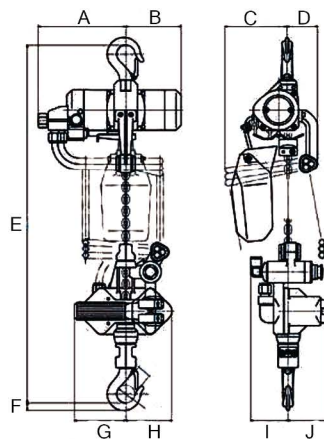


Manipulator Type Air Hoist - Model TCR (250 kg) / TMM (140 kg)



TCR-250ME

Technical Parameters



TMM-140AE

Model	Rated Load (kg)	Load Chain (Wire Rope)		Lifting Speed (m/min)		Air Consumption (m ³ /min)		Air Pressure (Bar)	Min. Headroom E (mm)	Hose Size (mm)	Net Weight (Lift 3 m) (kg)
		Dia. (mm)	No. of falls	Up	Down	Up	Down				
TCR-250DPE	250	4.0	1	8.1	16.5	0.7	0.8	4 - 6	305	9.5	7.0
TCR-250C				9.0	17.4	0.8	0.9		9.6		
TCR-250ME				8.0	16.5	0.7	0.8		11.2		
TMM-140AE	140	(4.0)	(1)	11.0	18.0	0.63	0.65		305		10.0 (Lift 2 m)

* For manipulator type, left-handed operation by changing handle direction

Model	Rated Load (kg)	Dimension (mm)													
		A	B	C	D	F	G	H	I	J	K	L	M	N	O
TCR-250DPE	250	174	112	124	21	15	-	-	-	-	-	2,414	130	21	375
TCR-250C		135										1,660			
TCR-250ME		175		123	61							102	92	74	
TMM-140AE	140	-	-	-	-	-	108	116	114	94	308	-	-	-	-

Air Chain Hoist TCR Series

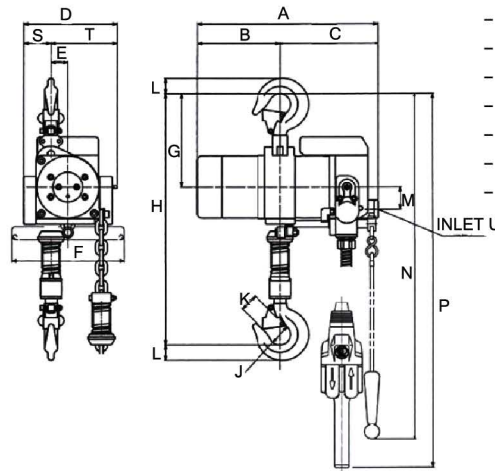


Regular Type Air Chain Hoist - Model TCR (500 kg - 2 Ton)



TCR-1000C TCR-2000P2E

Technical Parameters



Main Features

- Built-in load limiter without loss of headroom
- Precise variable speed control
- Compact design
- Durable cast iron housing
- Failsafe automatic internal disc brake
- Overtraveling limiter
- Alloy safety swivel hook with safety latch

Control type : Cord (C)



Model	Rated Load (ton)	Load Chain		Lifting Speed (m/min)		Air Consumption (m ³ /min)		Air Pressure (Bar)	Min. Headroom H (mm)	Hose Size (mm)	Net Weight (Lift 3 m) (kg)		
		Dia. (mm)	No. of falls	Up	Down	Up	Down						
TCR-500PE	0.5	6.3	1	10.0	16.0	1.4	1.6	4 - 6	462	12.7	32.1		
TCR-500C				30.1									
TCR-1000P2E	1.0		2	5.0	8.1				1.7		519	466	36.2
TCR-1000C2				34.2									
TCR-1000PE	1.0	7.1	1	5.8	9.3	1.7	597	597	34.9				
TCR-1000C				32.9									
TCR-2000P2E	2.0		2	2.9	4.7				38.7				
TCR-2000C2													

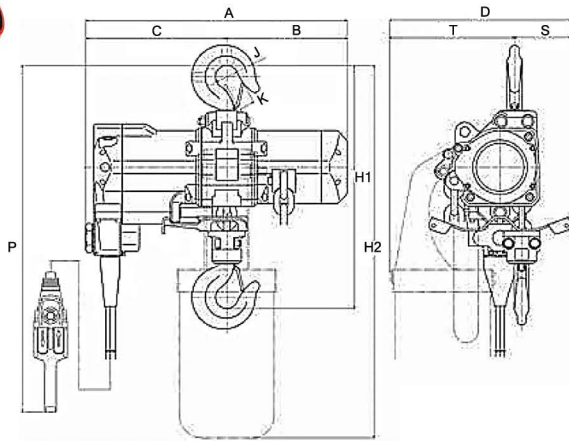
* Height of lift can be changed upon the usage.

Model	Rated Load (ton)	Dimension (mm)																	
		B	C	E	F	G	J	K	L	M	N	P	S	T	U				
TCR-500PE	0.5	156	186	32	-	177	40	29	42	-	2,620	52	124	RC 1/2					
TCR-500C					212						1,860				-				
TCR-1000P2E	1.0			56	212						-	29	42		-	2,620	47	148	
TCR-1000C2											1,860					-			
TCR-1000PE	1.0			32	212						-	29	42		-	2,620	40	124	
TCR-1000C											1,860					-			
TCR-2000P2E	2.0			59	212						-	211	45		37	-	2,620	50	152
TCR-2000C2											1,860						-		

Multi-Utility Type Air Chain Hoist - Model TMH (3 Ton - 30 Ton)

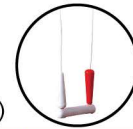


Technical Parameters



Main Features

- The fastest operation speed in each class
- Low head clearance
- Classification (ISO) : M4 (3 Ton to 25 Ton)
- Built-in load limiter without loss of headroom
- Precise variable speed control
- Compact design
- Durable cast iron housing
- Failsafe automatic internal disc brake
- Overtravel limiter
- Alloy safety swivel hook with safety latch
- Lubrication free hoist (Option)



Control type : Cord (C)

Model	Rated Load (ton)	Load Chain		Lifting Speed (m/min)		Air Consumption (m ³ /min)		Air Pressure (Bar)	Min. Headroom H1 (mm)	Hose Size (mm)	Net Weight (Lift 3 m) (kg)
		Dia. (mm)	No. of falls	Up	Down	Up	Down				
TMH-3000PE	3.0	13.0	1	5.4	10.5	3.5	4.3	4 - 6	537	19.0	101.4
TMH-3000C											100.4
TMH-6000P2E	6.0	16.0	2	2.7	5.2	3.3	3.9		742	19.0	132.0
TMH-6000C2											131.0
TMH-10TP2E	10.0	23.5	2	1.6	3.2	6.5	10.8	890	38.1	1,290	205.6
TMH-10TC2											205.6
TMH-25TP2E	25.0	23.5	2	1.4	3.0	6.5	10.8	1,290	38.1	5 - 6	582.8
TMH-25TC2											580.8
TMH-30TP2E	30.0	23.5	2	1.0	2.7	6.5	10.0	1,290	38.1	5 - 6	582.8
TMH-30TC2											580.8

* Height of lift can be changed upon the usage.

Model	Rated Load (ton)	Dimension (mm)							
		B	C	H2	J	K	P	S	T
TMH-3000PE	3.0	265	311	823	29	34	2,690	125	275
TMH-3000C							1,800		
TMH-6000P2E	6.0	300	267	1,500	60	40	2,752	127	331
TMH-6000C2							1,862		
TMH-10TP2E	10.0	352	356	1,473	100	71	-	530	188
TMH-10TC2							-		
TMH-25TP2E	25.0	352	356	1,473	100	71	2,980	223	805
TMH-25TC2							2,024		
TMH-30TP2E	30.0	352	356	1,473	100	71	2,980	223	805
TMH-30TC2							2,024		

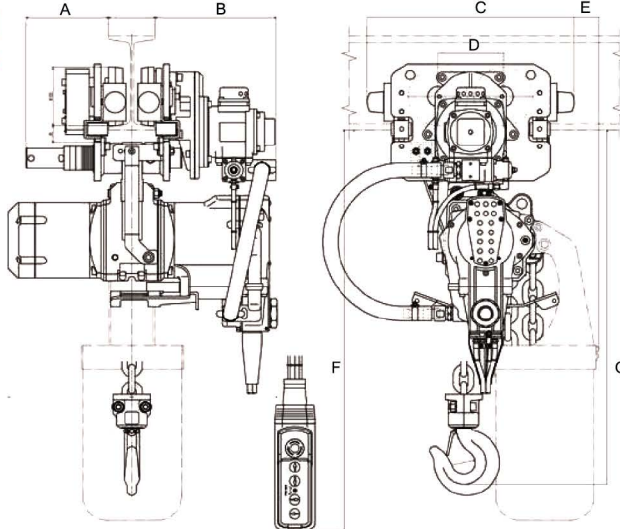
Air Chain Hoist TMTCR Series



Air Chain Hoist with Air Trolley - Model TMTCR (500 kg - 2 Ton)



Technical Parameters



Main Features

- Beam-size adjustable trolley
- 4 Button Pendant with emergency stop for hoist and trolley control
- 2 flangeless wheel and 2 drive wheels for low friction
- Automatic brake function
- Durable cast iron housing

Model	Rated Load (ton)	Lifting Hoist	Travelling Trolley	Speed (m/min)			Air Pressure (Bar)	Air Consumption (m ³ /min)		Hose Size (mm)	Net Weight (Lift 3 m) (kg)
				Up	Down	Travelling		Up	Down		
TMTCR-500PE	0.5	TCR-500PE	TMTNC-1	10.5	17.9	20.0	4 - 6	1.5	1.6	19.0	85.1
TMTCR-1000P2E	1.0	TCR-1000P2E		5.3	9.0						93.2
TMTCR-1000PE		TCR-1000PE		6.0	10.3						89.9
TMTCR-2000P2E	2.0	TCR-2000P2E	TMTNC-3	3.0	5.2			112.7			
TMTMH-3000PE	3.0	TMH-3000PE		5.4	10.5			181.4			
TMTMH-6000P2E	6.0	TMH-6000P2E	TMTNC-6	2.7	5.2			250.0			

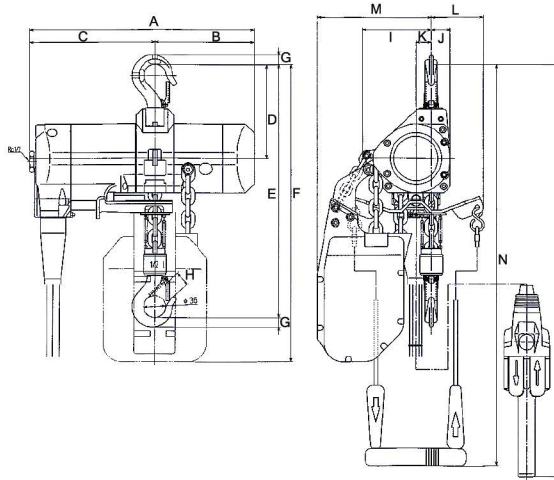
* Height of lift can be changed upon the usage.

Model	Rated Load (ton)	Dimension (mm)						Min. Headroom G (mm)	Beam Width (mm)	Min. Curve Radius (mm)
		A	B	C	D	E	F			
TMTCR-500PE	0.5	Max. 171	256	397	111.3	41	2,380	490	75 (100 / 125)	3,500 (800)
TMTCR-1000P2E	1.0							547		
TMTCR-1000PE								496		
TMTCR-2000P2E	2.0	Max. 176	260	442	140.0	51	2,400	609	100 (125 / 150)	3,500 (800)
TMTMH-3000PE	3.0							549		
TMTMH-6000P2E	6.0	Max. 209	271	502	156.0	81	2,600	706	100 / 125 / 150	2,000

Extreme High Speed Type Air Chain Hoist - Model TCS

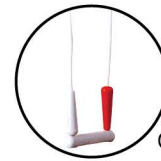


Technical Parameters



Main Features

- Extreme high speed
- Classification (ISO) : M4
- Precise variable speed control
- Compact design
- Lightweight aluminum housing
- Failsafe automatic internal disc brake
- Overtraveling limiter
- Alloy safety swivel hook with safety latch
- Lubrication free hoist (Option)



Control type : Cord (C)

Model	Rated Load (kg)	Load Chain		Liftint Speed (m/min)		Air Consumption (m³/min)		Air Pressure (Bar)	Min. Headroom E (mm)	Hose Size (mm)	Net Weight (Lift 3 m) (kg)
		Dia. (mm)	No. of falls	Up	Down	Up	Down				
TCS-250PE	250	6.3	1	34.0	63.0	1.7	2.0	6	414	12.7	21.1
TCS-250C											20.1
TCS-500PE	490			17.0	34.0						27.2
TCS-500C											
TCS-1000P2E	980		2	8.5	17.0						26.2
TCS-1000C2											

* Height of lift can be changed upon the usage.

Model	Rated Load (kg)	Dimension (mm)																					
		B	C	D	F	G	H	I	J	K	L	M	N	O									
TCS-250PE	250	161	204	151	555	15	25	112	31	25	85	197	-	2,480									
TCS-250C													1,700	-									
TCS-500PE	490												173	577	29.5	29	136	37	49	70	221	-	2,480
TCS-500C																						1,700	-
TCS-1000P2E	980			173	577	29.5	29	136	37	49	70	221	-	2,480									
TCS-1000C2													1,700	-									