

Air Hoist | Profi TI / Trolley-Hoist combinations / Heavy Duty

Features:

- Capacities 250 Kg – 20.000 Kg
- Trolley/Hoist units in Manual, Push driven excellent combination with HD3C trolley, see page 8 or other applicable pages.
- Motor driven trolleys in standard geared motors or with Rack and pinion drive systems.
- Air Pressure 4 Bar or 6 Bar
- Suitable for application in Hazardous areas
- Sensitive infinitely variable speed control for the precise positioning of loads
- Easy operation
- Suitable for lube free operation
- Frequent switching and extended duty cycles

- Fail safe starting, low maintenance vane motor
- Planetary gearbox with high grade steel gears
- Low maintenance
- Low headroom, Light Weight
- Sound absorption
- Insensitive to dust, humidity and temperatures ranging from -20°C...+70°C
- From 1 ton upwards with overload protection
- Low sound emissions

- Air service units, Filter, Regulator
- Chain box
- Offshore coating
- Testing
- Spark resistant packages
- Power supply systems by Spiral hose, energy chain or c_rails with hose trolleys.

Optional:

- Curved beams, curved toothrack beams.
- Different options of control, cord control, pendant control, E-type robust control.

Technical information:

Explosion Classification ATEX 94/9 EEC:

- 1) Standard: EX II 2GD IIA T4(X) / EX II 3GD IIB T4(X)
- 2) With increased spark protection: EX II GD IIC T4(X)

Air Hoists with Trolley PROFI TI										
Type		025 TI	05 TI	1 TI	2 TI	3 TI	6 TI	10 TI	16 TI	20 TI
Carrying capacity of trolley LH and LM	t	2		3,2		6,3		10 - 16		20
Carrying capacity of hoist with trolley	t	0,25	0,5	1	2	3,2	6,3	10	16	20
Weight of Motor Trolley	Kg	26		33		124		190		260
Weight of hoist with standard lift	Kg	27	27	28	34	86	110	156	240	285
Total weight with standard lift of Motor Trolley	Kg	53	53	54	60	119	234	346	430	545
Weight of 1 m chain	Kg	1		3,8		5,8				
Chain acc. DIN 5684-8	mm	7x 21		13x 36		16 x 45				
Number of falls		1		2		1	2	2	3	4
Air pressure Motor Trolley	bar			6						
Air consumption Motor Trolley at nominal load	m ³ /min	0,6				1,3				
Air consumption of hoist at nominal load	m ³ /min	1,5				5,5				
Motor rating Motor Trolley	kW	0,2				0,7				
Motor rating hoist	kW	1				3,5		5*/12		
Travelling speed of Motor Trolley at nominal load	m/min	9*/14				G %				
Hose connection Motor Trolley		G 1/2				G %				
Max. bottom flange thickness t Trolley	mm	40				65				
Max. bottom flange width b Trolley	mm	280				310				
Min. bottom flange width b Trolley	mm	50				54	125			148
Sound level Motor Trolley ³	dB (A)			80						
Type	mm	025 TI	05 TI	1 TI	2 TI	3TI	6TI	10 TI	16 TI	20 TI
in Trolley	mm	LM 2 t		LM 3,2 t		LM6,3 t	LM 10-16 t	LM 20 t		
A	mm	250		292		500	490	490	600	
Bmax.	mm	130		113		141	146	146	155	
C	mm	b + 36		b+60		b+70		b+68		
d	mm	70		84		165	165	165	185	
D	mm	185		191		205	318	318	328	
E	mm	137		187		154	197	199	180	
F	mm	39				79	109	109	135	
G	mm	145		233		233	308	382	382	
H	mm	152		250		250	267	310	310	
J* min. headroom* mounted	mm	-		635		763	944	997	1140	
J* suspended	mm	563		798		919	1131	1216	1490	
K	mm	95		107		215	215	28	218	
L	mm	28		30		40	42	55	75	
M	mm	42		42		51	66	82	86	
N	mm	116		136		236	236	236	274	

