

Overload Protection Safety Device, Standard on 1t Capacity and Greater

A High Quality Urethane Paint

Heavy Duty Single Braid Wire Reinforced Air Hose with Swivel Fittings on each end

Galvanized Load Chain for Corrosion Resistance

Meets ASME B30.16 Standards

Pendant Control Machined from Solid Brass for Corrosion Resistant and Spark Resistance with an Emergency Stop Button. Available in Aluminium as well.

Yielding style buffers stall the motor

Upper Hook with a Safety Factor of 5X the Nominal Load

Low-maintenance lubrication free Rotary Vane Motor for clean use within Food Grade, Petrochemical, and Pharmaceutical Environments

Heat Treated and Rust-Free Motor Components with Removable Stainless Steel Cylinder, Allow for Operational Longevity and Low Cost Replacement

Air Valve is 100% Nickel Plated inside and out for Corrosion Resistance.

Infinitely Variable Speed Via Pull Cord Control (not pictured)

Atex approved, EX II 2 GD IIC T4 (X) / EX II 2 GD IIB T4 (X) / EX II 2 GD IIC T4 (X). Additional resistance can be offered with copper platings and stainless steel components.

Trolleys can be offered with 100% Stainless Steel Side Plates and Solid Bronze Wheels.

LME 155



SANS 1638 Compliant





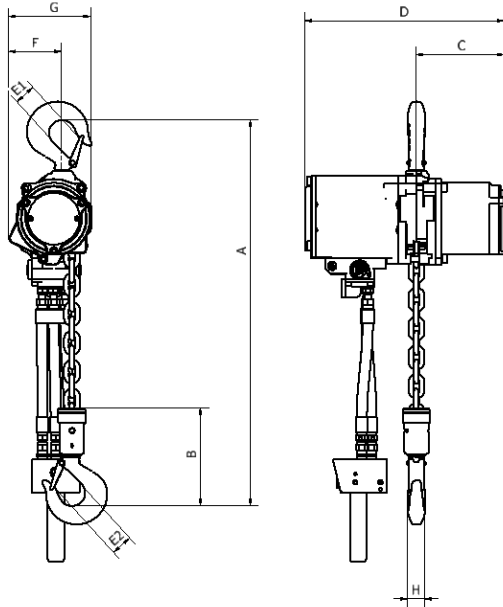
ATS COMPACT SERIES AIR CHAIN HOIST 0.25t ~ 2 ton



SPECIFICATIONS - ATSC COMPACT SERIES AIR CHAIN HOIST - 0.25t - 2 ton

Lifting capacity (metric ton)	t	0.25	0.5	1	2
Number of Falls of Chain		1	1	1	2
Motor Power Output	kW	1.1	1.1	1.1	1.1
Weight with Standard Lift	lbs.	40	40	145	55
Chain Weight per Additional Foot of Lift	lbs.	0.75	0.75	0.75	1.5
Chain Dimension	mm	7 x 21	7 x 21	7 x 21	7 x 21
Air Pressure	bar	6	6	6	6
Air Consumption at Full Load	m ³ /min.	1.75	1.75	1.75	1.75
Air Hose Connection		1/2" BSP			
Air Hose Dimension		min 13mm (1/2")			
Lifting Speed at Full Load	ft./min.	89	64	22	13
Lifting Speed without Load	ft./min.	122	123	36	18
Lowering Speed with Full Load	ft./min.	98	98	36	20
Standard Lift	ft.	10	10	10	10
Length of Control for Standard Lift	ft.	6.5	6.5	6.5	6.5
Noise Level		84 dBA @ 1m			





Features:

- Lubrication free rotary vane motor - Rust free & replaceable stainless steel cylinder
- 100% Duty cycle
- Robust epicycle gearbox (grease filled and sealed)
- Choice pilot pendant with E-Stop or direct pendant control - Variable speed
- Urethane yielding buffers for upper and lower limit stops
- Aluminium and SG Iron housings
- Internal silencing
- High grade carbon steel swivel hooks with safety catches
- Galvanized Grade 80 Load chain made to EN818-7 standard - 5:1 Design factor of safety
- Automatic self-adjusting multi disc brake 125% WLL
- Tried and tested delta P design load limiting device set 130% WLL*
- Spark resistant (Atex Zone 2)

Options:

- Marine spec - Nickel coated and marine paint
- Corrosion resistance: stainless steel hooks and chain, special paints
- Chain containers
- Plain, geared and motorized trolleys

DIMENSIONS- ATSC COMPACT SERIES AIR CHAIN HOIST - 0.25t - 2 ton					
		0.25 ton	0.5 ton	1 ton	2 ton
A min. headroom	mm				
	inch	12.6	12.0	12.0	15.6
B	mm				
	inch	5.6	5.6	5.6	7.92
C	mm				
	inch	3.5	3.5	5.0	7.9
D	mm				
	inch	9.8	9.8	11.4	15.0
E1	mm				
	inch	0.9	0.9	0.9	0.9
E2	mm				
	inch	0.9	0.9	0.9	0.9
G Max. Width	mm				
	inch	4.6	4.6	4.6	5.6
H Hook Width	mm				
	inch	0.8	0.8	0.8	0.8

