

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

Corrosion Resistant Load Chain

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 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)

Temperature rated -4°F - 158°F



Scan for Webpage, User & Parts Manual

Atex approved, EX II 2 GD IIC T4 (X) / EX II 2 GD IIB 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.

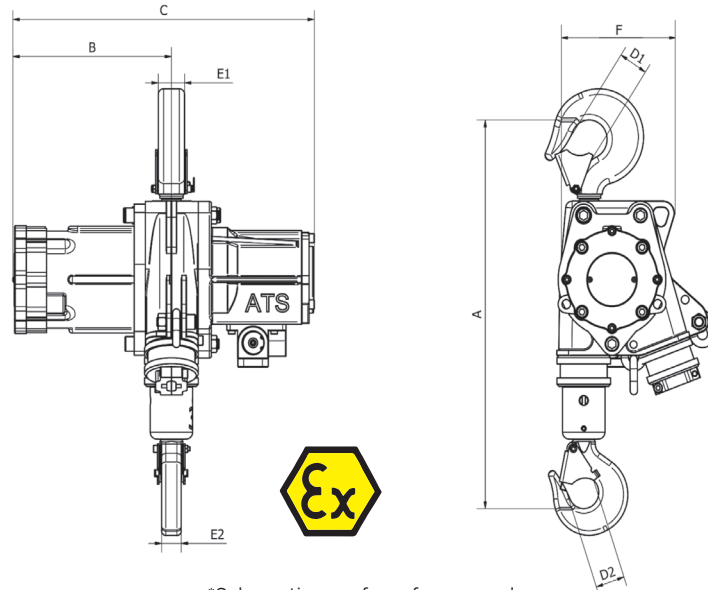
LME 155



SANS 1638 Compliant



ATS INDUSTRIAL SERIES AIR CHAIN HOIST 0.5ton-2ton



*Schematics are for reference only

SPECIFICATIONS - 0.5ton - 2ton

Lifting capacity	Ton	0.5	1.0	2.0
Model		ATSi-05	ATSi-1	ATSi-2
Number of falls of chain		1	1	1
Weight with 10ft lift	lbs	66	73	93
Chain weight per ft lift	lbs	0.73	0.73	1.2
Chain size	mm	7x21	7x21	9x27
Working air pressure	bar	5-7	5-7	5-7
Air consumption @ full load	CFM	75	75	75
Air hose connection	BSP	3/4"	3/4"	3/4"
Lifting speed @ full load	ft/min	52	16.5	10.5
Lifting speed @ no load	ft/min	98	24	15.2
Lowering speed @ full load	ft/min	82	19	24.3
Noise level	dBA @3ft	84	84	84

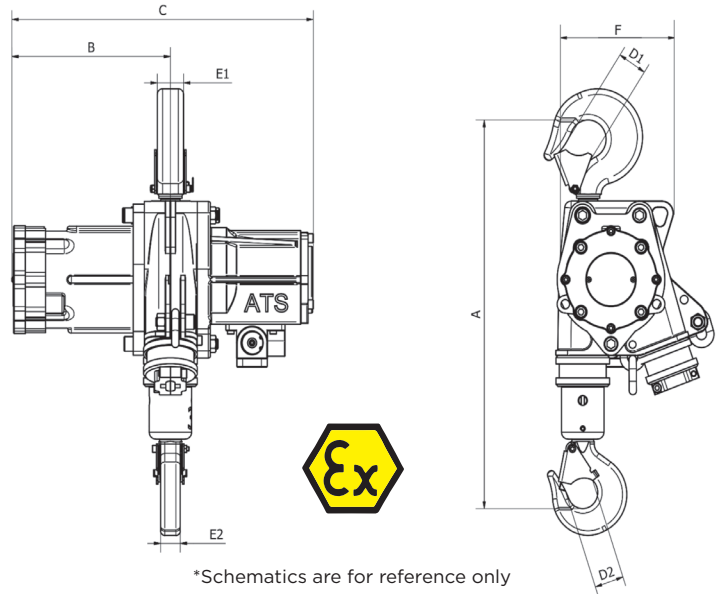
DIMENSIONS (in) - 0.5ton - 2ton

Lifting capacity	0.5ton	1 ton	2ton
A min. headroom	13.8	13.8	14.57
B	3.9	7.0	8.0
C	10.9	13.9	15.1
D1	0.9	0.9	0.9
D2	0.9	0.9	0.9
E1	0.9	0.9	0.9
E2	0.9	0.9	0.9
F	5.6	5.6	5.6

* Chain containers will increase headroom



ATS INDUSTRIAL SERIES AIR CHAIN HOIST 3ton-10ton



*Schematics are for reference only

SPECIFICATIONS - 3ton - 10ton

Lifting capacity	Ton	3.0	4.2	5.0	6.0	10.0
Model		ATSi-3	ATSi-4	ATSi-5	ATSi-6	ATSi-10
Number of falls of chain		1	1	1	2	2
Weight with 10ft lift	lbs	134	165	179	168	280
Chain weight per ft lift	lbs	1.8	2.6	3.8	3.7	7.7
Chain size	mm	13x36	13x36	16x45	13x36	16x45
Working air pressure	bar	5-7	5-7	5-7	5-7	5-7
Air consumption @ full load	CFM	110	110	110	110	110
Air hose connection	BSP	3/4"	3/4"	3/4"	3/4"	3/4"
Lifting speed @ full load	ft/min	8.9	7.5	5.9	4.4	3.0
Lifting speed @ no load	ft/min	13.1	10.2	9.8	6.6	4.9
Lowering speed @ full load	ft/min	13.8	9.2	11.5	6.9	5.7
Noise level	dBA @3ft	84	84	84	84	84

DIMENSIONS (in) - 3ton - 10ton

Lifting capacity	3.0	4.2	5.0	6.0	10.0
A min. headroom	21.9	21.9	24.4	27.6	31.3
B	9.4	10.7	10.8	9.4	10.8
C	18.0	19.3	19.6	18.0	19.6
D1	1.2	1.2	1.6	1.6	1.7
D2	1.6	1.6	1.6	1.6	1.7
E1	1.8	1.8	1.9	1.9	2.1
E2	1.9	1.9	1.9	1.9	2.1
F	9.33	9.33	9.33	9.33	10.04

* Chain containers will increase headroom

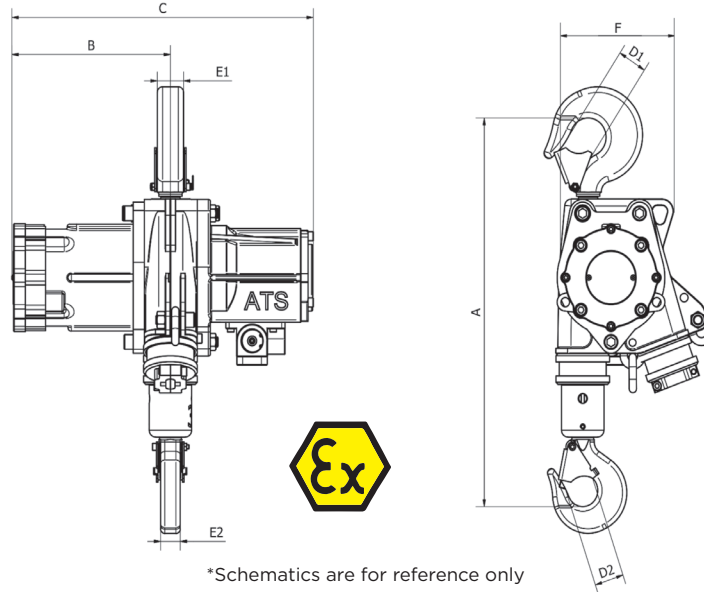




ATS INDUSTRIAL SERIES AIR CHAIN HOIST 16ton-25ton



Scan for Webpage,
User & Parts Manual



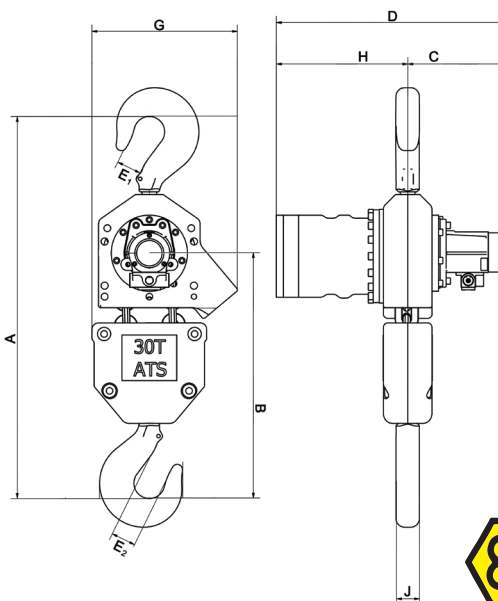
SPECIFICATIONS - 16ton - 25ton					
Lifting capacity	Ton	16.0	18.0	20.0	25.0
Model		ATSi-16	ATSi-18	ATSi-20	ATSi-25
Number of falls of chain		4	3	4	4
Weight with 10ft lift	lbs	392	728	874	941
Chain weight per ft lift	lbs	10.2	11.5	15.3	15.3
Chain size	mm	13x36	16x45	16x45	16x45
Working air pressure	bar	5.7	5-7	5-7	5-7
Air consumption @ full load	CFM	110	110	110	110
Air hose connection	BSP	3/4"	3/4"	3/4"	3/4"
Lifting speed @ full load	ft/min	2.0	3.0	2.1	1.8
Lifting speed @ no load	ft/min	2.6	4.3	4.6	4.6
Lowering speed @ full load	ft/min	2.3	4.3	5.9	5.9
Noise level	dBA @3ft	84	84	84	84

DIMENSIONS (in) - 16ton - 25ton				
Lifting capacity	16.0	18.0	20.0	25.0
A min. headroom	31.3	39.8	39.8	42.5
B	12.6	13.5	12.9	12.9
C	23.7	23.9	24.3	24.3
D1	2.3	3.1	3.1	2.8
D2	2.3	3.1	3.1	2.8
E1	2.0	2.5	2.5	3.0
E2	2.0	2.5	2.5	3.0
F	12.4	12.4	13.0	13.0

* Chain containers will increase headroom



ATS INDUSTRIAL SERIES AIR CHAIN HOIST 30ton-50ton



*Schematics are for reference only



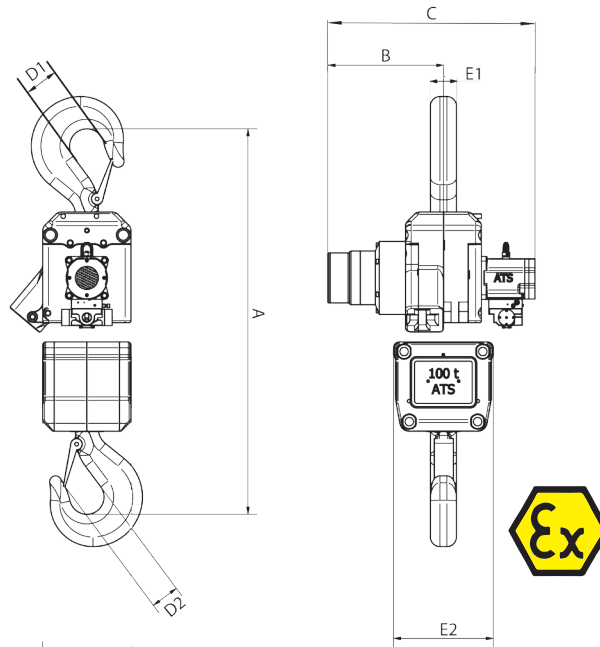
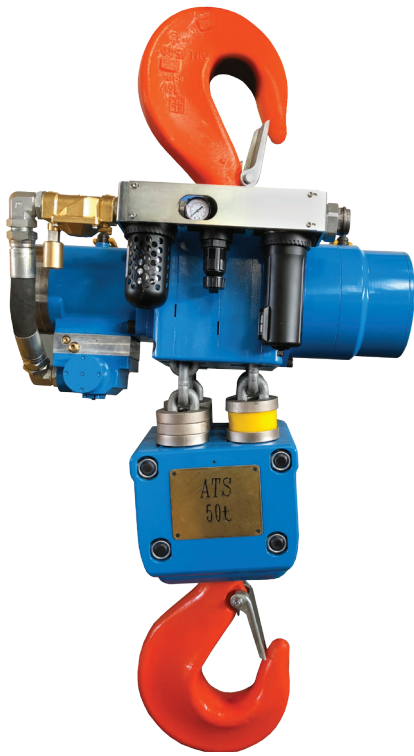
SPECIFICATIONS - 30ton - 50ton				
Lifting capacity	Ton	30.0	45.0	50.0
Model		ATSi-30	ATSi-45	ATSi-50
Number of falls of chain		2	3	4
Weight with 10ft lift	lbs	1,120	1,960	2,688
Chain weight per ft lift	lbs	16.4	24.6	32.8
Chain size	mm	23,5x66	23,5x66	23,5x66
Working air pressure	bar	5-7	5-7	5-7
Air consumption @ full load	CFM	230	230	225
Air hose connection	BSP	1 1/2"	1 1/2"	1 1/2"
Lifting speed @ full load	ft/min	3.9	2.6	1.6
Lifting speed @ no load	ft/min	8.5	4.9	4.3
Lowering speed @ full load	ft/min	6.6	4.9	3.3
Noise level	dBA @3ft	84	84	84

DIMENSIONS (in) - 30ton - 50ton			
Lifting capacity	30.0	45.0	50.0
A min. headroom	51.6	59.1	59.1
B	14.1	18.1	17.3
C	28.5	34.8	34.8
D1	2.8	3.9	3.9
D2	2.8	3.9	3.9
E1	3.0	4.2	4.2
E2	3.0	4.2	4.2

* Chain containers will increase headroom



ATS INDUSTRIAL SERIES AIR CHAIN HOIST 60ton-100ton



*Schematics are for reference only

SPECIFICATIONS - 60ton - 100ton

Lifting capacity	Ton	60.0	75.0	100.0
Model		ATSi-60	ATSi-75	ATSi-100
Number of falls of chain		4	3	4
Weight with 10ft lift	lbs	2,688	4,256	5,376
Chain weight per ft lift	lbs	32.8	45.6	60.7
Chain size	mm	23,5x66	32x90	32x90
Working air pressure	bar	5-7	5-7	5-7
Air consumption @ full load	CFM	230	280	280
Air hose connection	BSP	1 1/2"	1 1/2"	1 1/2"
Lifting speed @ full load	ft/min	1.5	2.2	1.6
Lifting speed @ no load	ft/min	4.3	3.1	2.3
Lowering speed @ full load	ft/min	3.3	3.5	2.6
Noise level	dBA @3ft	84	84	84

DIMENSIONS (in) - 60ton - 100ton

Lifting capacity	60.0	75.0	100.0
A min. headroom	59.1	70.1	77.2
B	17.3	25.2	23.8
C	34.8	43.5	43.5
D1	3.9	4.9	4.9
D2	3.9	4.9	4.9
E1	4.2	5.2	5.2
E2	4.2	4.2	5.2

* Chain containers will increase headroom

