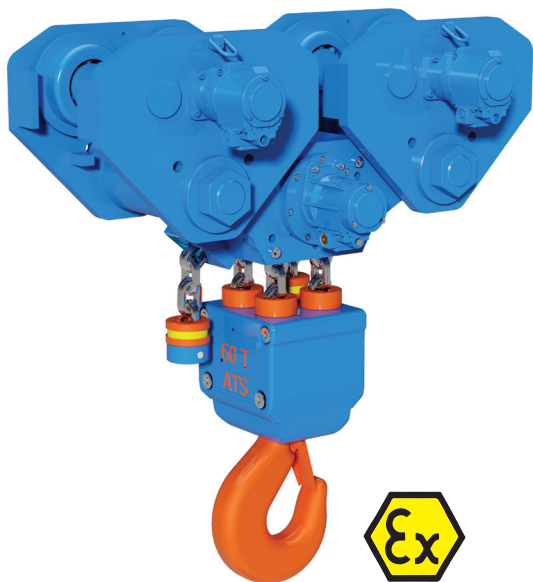


ATS MONORAIL HOISTS

10ton - 60ton



Scan for Webpage,
User & Parts Manual

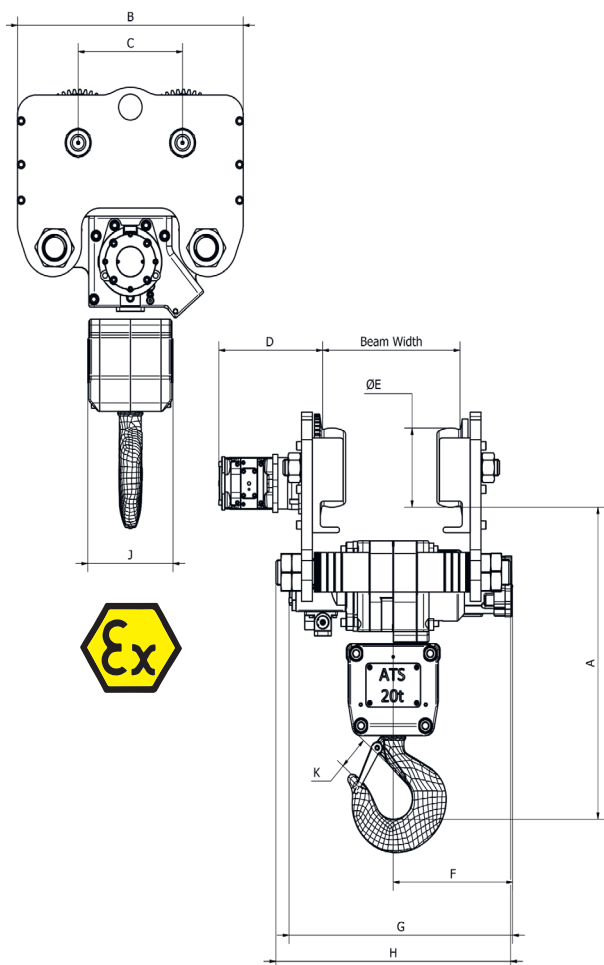
Standard Features:

- Standard Hoists are Atex approved, EX II 2 GD IIC T4 (X) / EX II 2 GD IIB T4 (X) / EX II 2 GD IIC T4 (X)
- Copper platings and stainless steel components can be offered for increased spark resistance
- Rust free & replaceable Stainless steel cylinder
- 100% Duty cycle
- Ideal for working in hazardous areas (Explosive environments)
- Temperature Rated -4°F to 158°F
- Insensitive to dust and humidity
- High Grade carbon steel swivel hooks with safety latches
- Corrosion resistant load chain made to EN818 standard – 5:1 Design factor of safety
- Automatic self-adjusting multi disc brake 125% WLL.
- Tried and tested slip clutch design load limiting device set 130% WLL.
- Compact design and Lowest headroom in class.
- Anti-climb and Anti-drop devices standard.
- Pilot Pendant control with Emergency shut-off valve
- Complaint with ASME B30.16

SPECIFICATIONS - ATS MONORAIL HOISTS - 10ton - 100ton

	t	10.0	16.0	25.0	30.0	45.0	50.0	60.0	75.0	100.0
Lifting capacity	t	10.0	16.0	25.0	30.0	45.0	50.0	60.0	75.0	100.0
Model		ATSM-10	ATSM-16	ATSM-25	ATSM-30	ATSM-45	ATSM-50	ATSM-60	ATSM-75	ATSM-100
Number of falls of chain		2	3	4	2	3	4	4	3	4
Weight with 3m lift	lbs.	573	937	1,510	1,863	3,219	3,638	3,638	7,937	12,125
Chain weight per m lift	lbs./ft	7.7	11.5	15.3	16.4	24.6	32.8	32.8	45.6	60.7
Chain size	mm	16x45	16x45	16x45	23,5x66	23,5x66	23,5x66	23,5x66	32x90	32x90
Working air pressure	bar	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7
Air consumption @ full load	CFM	110	110	110	230	230	230	230	230	230
Air hose connection	BSP	3/4"	3/4"	3/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Lifting speed @ full load	ft/min	4.3	3.0	1.8	3.9	2.6	2.1	2.0	2.0	1.5
Lifting speed @ no load	ft/min	9.2	6.2	4.6	8.5	5.6	4.3	4.3	3.1	2.3
Lowering speed @ full load	ft/min	11.8	7.9	6.1	7.2	8.1	3.3	3.6	3.9	3.0
Traveling speed	ft/min	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
Rack drive travelling speed	ft/min	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
Standard lift	ft	10	10	10	10	10	10	10	10	10
Length of control for standard lift	ft	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Noise level @3ft	dBA @3ft	84	84	84	84	84	84	84	84	84





ATS Monorail hoists are designed for the offshore industry, or wherever heavy loads have to be moved in confined spaces. Depending on the application these hoists can be used in pairs or even sets of four units. For example: Working in parallel units handling BOP handling systems from 20 ton to 150 tons. Or working in unison and connected by a tie bar for handling heat exchangers.

Options:

- Rack and pinion drive
- Marine Spec - Nickel coated and marine paint
- Corrosion resistance: special paints
- Chain containers
- Integrated Wireless Load cells
- Remote control panel - with lift synchronization
- Third Party Acceptance available on request

Special Application:

- If you have a unique application and require a non-standard system, a unit can be designed to your requirements

DIMENSIONS (in.) - ATS MONORIAL HOISTS - 10ton - 100ton									
Lifting Capacity (t)	10.0	16.0	25.0	30.0	45.0	50.0	60.0	75.0	100.0
Beam width range	6.3-15.6	5.9-12.2	6.7-13.0	6.9-15.7	5.9-15.2	5.5-14.6	5.5-14.6	6.3-13.8	5.11-14.17
A min. headroom	27.6	27.6	32.0	37.2	43.3	46.5	46.5	44.5	59.4
B	19.8	22.1	24.6	24.6	56.3	56.3	56.3	74.8	107.3
C	9.3	9.3	11.4	11.4	11.8	11.8	11.8	13.6	13.6
D	10.7	10.7	11.3	11.3	11.3	11.3	11.3	12.1	12.1
E	5.7	5.7	7.9	7.9	7.9	7.9	7.9	9.6	9.6
F	10.9	13.0	11.5	14.3	17.3	17.3	17.3	17.4	24.6
G	19.7	23.9	23.3	28.5	34.8	34.8	34.8	34.8	45.7
H	19.3	21.3	22.8	21.7	28.5	28.5	28.5	28.5	44.17
J	12.0	7.2	9.3	7.0	11.6	14.8	14.8	19.4	18.1
K	2.1	2.3	2.8	2.8	2.8	3.9	3.9	4.9	4.9

