



## 16 Ton Air Chain Hoist - 8 meters lifting height - RUD G80 Chain

### Key features

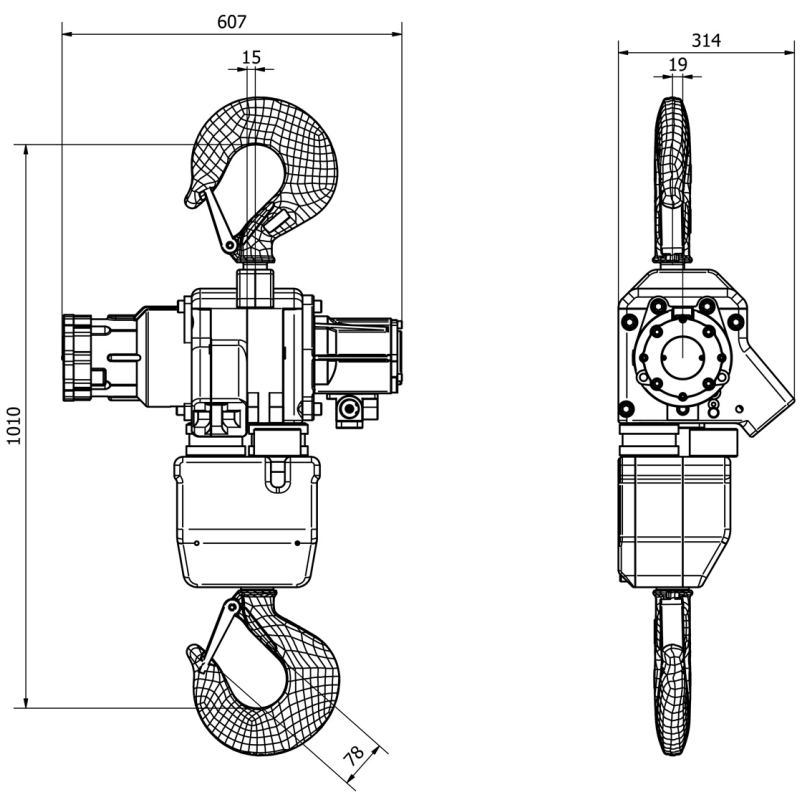
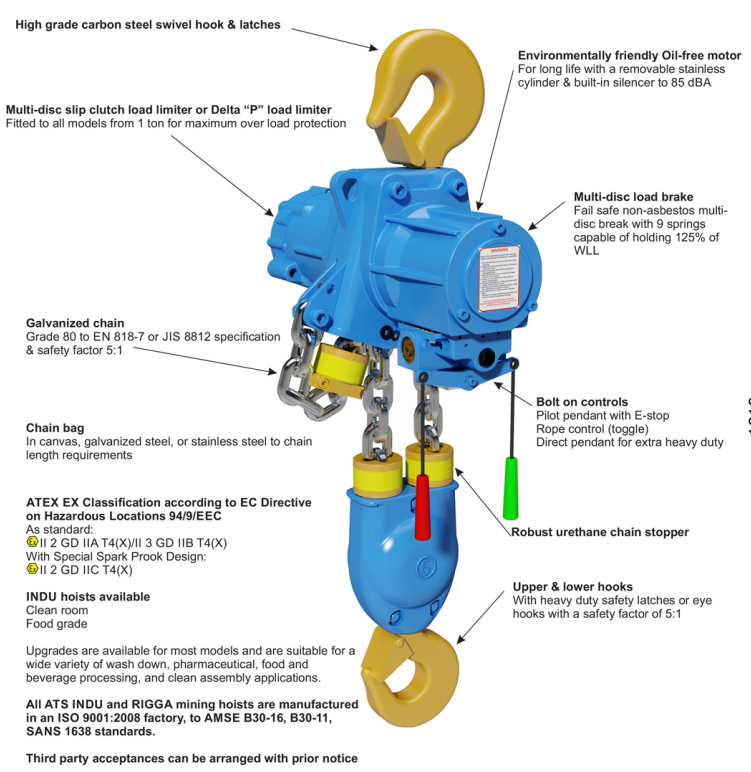
- **Lifting Capacity:** Supports loads up to 16 tons, making it ideal for various heavy lifting tasks in manufacturing, construction, and maintenance.
- **Air-Powered Operation:** Utilizes compressed air for lifting, minimizing electrical hazards and enhancing safety in explosive or volatile environments.
- **Robust Construction:** Built from high-quality materials to withstand harsh industrial conditions, ensuring long-lasting performance.
- **Meets and exceeds ASME B30.16 / HST-5 standards / Load Test at 130% SWL / ATEX Directive**
- **3 Year Warranty, Customer Support and Service in the USA**

### 16 Ton Air Chain Hoist Description

The 16 Ton Air Chain Hoist is a powerful lifting solution designed for heavy-duty industrial applications. With a lifting height of 8 meters and featuring premium RUD G80 chain, this hoist ensures reliable and safe operation in demanding environments.

## Technical Specifications

<b>Rated Load Capacity</b>	16 Ton	<b>Emergency Stop</b>	Yes
<b>Standard Lifting Height</b>	20 ft / 6 m	<b>Operating Temperature Range</b>	-20°C to 70°C
<b>Number of Speeds</b>	1 Speed	<b>Air Pressure</b>	4 Bar
<b>Air Hoist Lifting Speed at Rated Load</b>	0.65 m/min	<b>Air Inlet Size</b>	3/4 BSP
<b>Air Hoist Lifting Speed Unloaded</b>	1.4 m/min	<b>Air hose dimension</b>	19mm - 25mm (3/4" - 1")
<b>Air Hoist Lowering Speed at Rated Load</b>	1.8 m/min	<b>Air Consumption</b>	1.75 m3/min
<b>Maximum Safe Overload</b>	Overload Protection Slip Clutch 130% WLL	<b>Transmission / Reducer Type</b>	Epicycle Gearbox (Grease Filled and Sealed)
<b>Explosion Proof Protection</b>	- EX 2 GD IIA T4 - EX 2 GD IIB T4 - EXCLUDES Hydrogen Disulphide or Ethelene Oxide - ZONES 1, 2 AND 21, 22	<b>Load Chain Type</b>	G80 RUG Germany 5:1 Safety Factor
<b>Protection Exclusions</b>	- HYDROGEN DISULPHIDE - ETHELENE OXIDE	<b>Load Chain Size</b>	16 x 45 mm
<b>Control Distance</b>	16 ft / 5 m	<b>Chain Falls</b>	4
<b>Duty Class</b>	100% Duty Cycle	<b>Temperature</b>	-20°C to 70°C
<b>Motor Type (68)</b>	Vane Rotary Motor - Lubrication Free - Rust Free & Replaceable Stainless Steel Cylinder	<b>Noise Level</b>	84 dBA @ 1m
<b>Motor Power (6)</b>	3.2 kw	<b>Standards Compliance</b>	ASME B30.11 /B30.16 /HST-5 DIN EN818-7 SANS 1638 compliant ATEX EX Classification according to EC Directive on Hazardous Locations 94/9/EEC
<b>Motor Brake</b>	>125% WLL Automatic self-adjusting multidisc Brake	<b>Made in</b>	South Africa
<b>Control</b>	Pendant Control w/emergency stop	<b>Warranty</b>	3 Year



## Unit Weight & Dimensions

<b>H Minimum Headroom</b>	994 mm
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