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# LIFTCHAIN LC2A series LOW HEADROOM AIR CHAIN HOIST Model LC2A060SIP3LVE(N)...-E 6ton lifting capacity

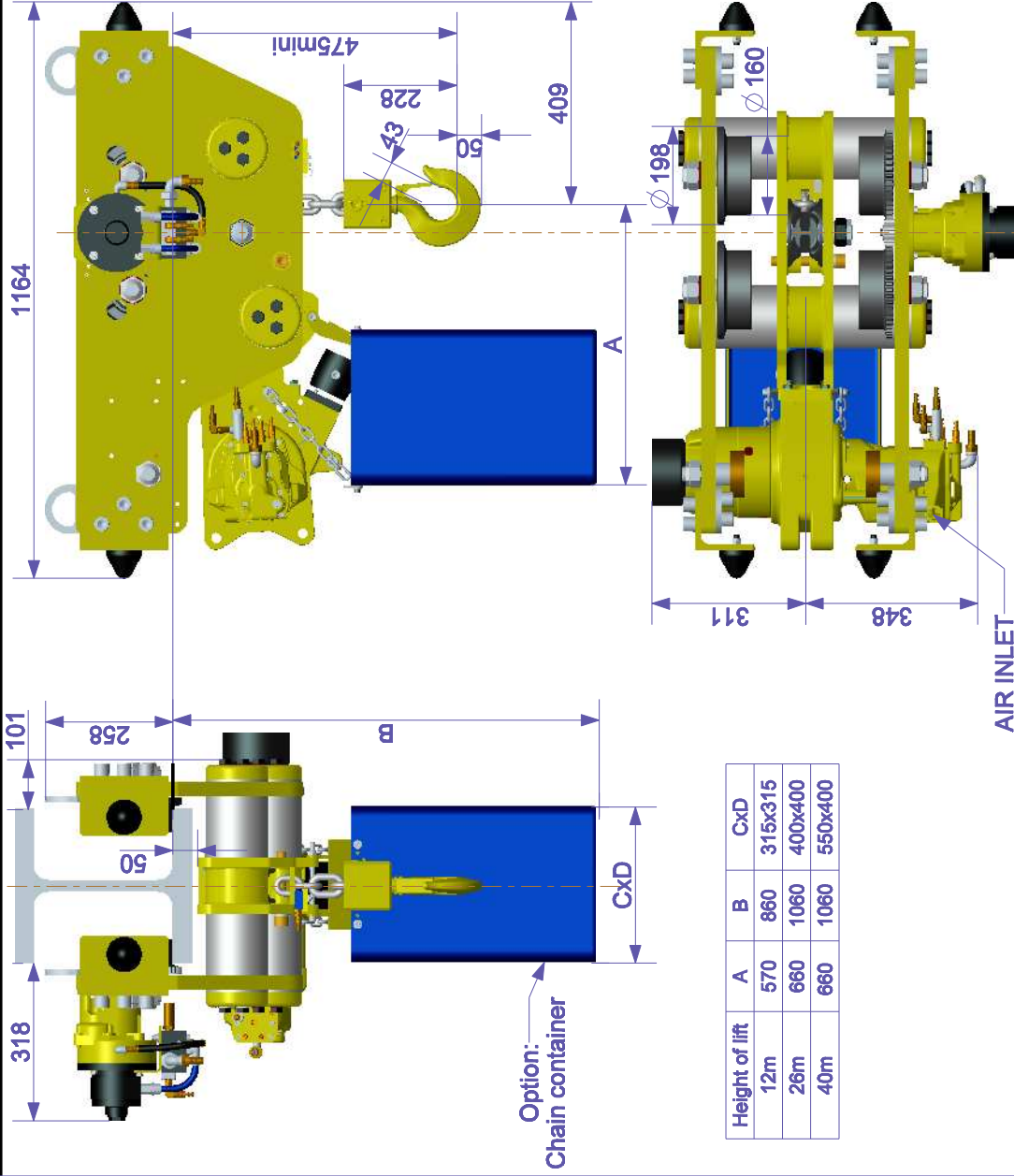
Folio: 1 / 1

Engineering Manager Approval: JLF

IREP Drawing Number

09-10-18 - L645

Customer Drawing Number



### Standard Features :

- Rugged and Compact modular design
- Design temperature -20°C
- Explosion proof - 100% duty rating - No downtime
- Gear type air motor on hoist and multi-vane air motor on trolley
- Variable speed control at pilot pendant (4 buttons)
- Top and bottom limit switches integrated in hoist body for better protection
- Automatic fail safe disc brake on hoist and trolley (no adjustment required)
- Corrosion resistant load chain
- Individually load tested before shipment
- It is strongly recommended to use a lubricating and a filtration system on the compressed air line.
- The compressed air temperature must not exceed 65°C at the motor air inlet. For higher temperature, please consult us.

### Options:

- Overload protection device
- Main air emergency stop at pendant (as per EN 418)
- Gear type air motor on trolley (instead of vane motor)
- Spark resistant package for ATEX zone 1
- Chain container
- Marine or offshore paint including sandblasting
- Rack and pinion drive

### Ex classifications (ATEX)

- Standard version is suitable for Zone 2 (ATEX Marking Ex II 3 GD c IIB 135°C x)
- Optional spark resistant package is suitable for Zone 1 (ATEX marking Ex II 2 GD c IIB135°C x)

### FEM classification:

- Driving mechanism classification 1 Bm

Built in ISO 9001 certified factory

### Technical data at 6.3 bar

Model	LC2A060S
Rated Capacity (metricTon)	1, 6
Falls of chain	1
Lifting speed at rated load (m/m in)	2,2
Lifting speed at no load (m/m in)	3,6
Lowering speed at rated load (m/m in)	2,7
Travelling speed at rated load (m/m in)	15
Travelling speed at no load (m/m in)	20
Working pressure range (Bar)	5 to 7
Hoist air consumption at rated load (m <sup>3</sup> /m in)	5
Trolley air consumption at rated load (m <sup>3</sup> /m in)	1,3
Mini-Maxi trolley flange adjustment (mm)	170-310
Max. bottom flange beam thickness (mm)	40
Minimum curve radius (m)	10
Air inlet (BSP)	¾"
Chain size (mm)	16x45
Chain Weight per meter of lift (kg)	5,7
*Weight with std lift (Kg)	500

\*Net weight is given with standard lift of 3m and standard control length of 2m

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