

LIFTCHAIN LC2A series LOW HEADROOM AIR CHAIN HOIST Model LC2A060QIP3LVU..-E 6ton Lifting capacity



IREP Drawing Number

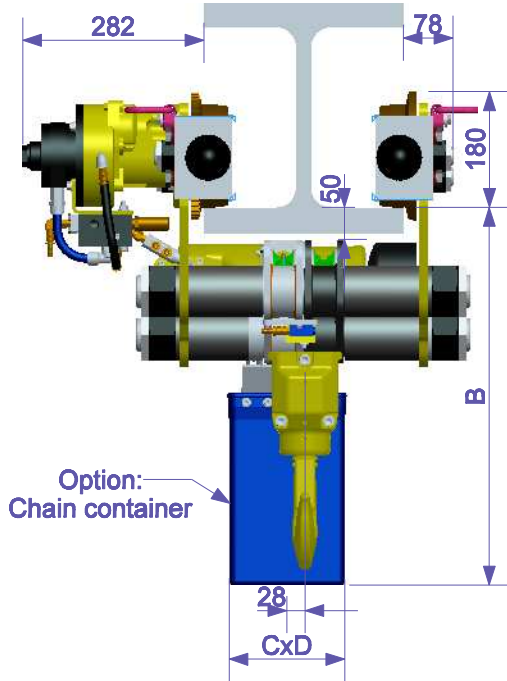
10-02-15 - L644

Rev.

Customer Drawing Number

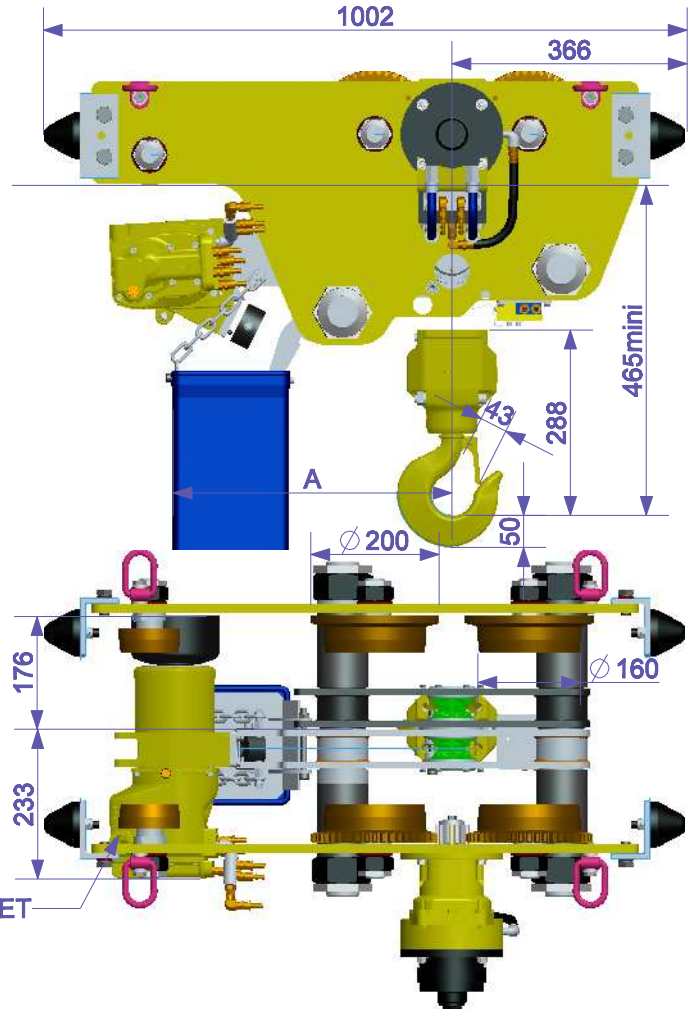
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Engineering Manager Approval: JLF



Chain container dimensions (mm)

Height of lift	A	B	CxD
3m	440	590	180x180
8m	490	690	230x230
15m	570	790	315x315



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 pendent (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 pendent (as per EN 418)
- Gear type air motor on trolley (instead of vane motor)
- Spark resistant package for ATEX zone 1
- Chain containers
- 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 GDc IIB135°Cx)

FEM classification

- Driving mechanism classification 1 Bm

Built in ISO 9001 certified factory

Technical data at 6.3 bar

Model	LC2A060S
Rated Capacity (metricTon)	6
Falls of chain	4
Lifting speed at rated load (m/min)	1,5
Lifting speed at no load (m/min)	2,5
Lowering speed at rated load (m/min)	2
Travelling speed at rated load (m/min)	15
Travelling speed at no load (m/min)	22
Working pressure range (Bar)	5 to 7
Hoist air consumption at rated load (m ³ /min)	4
Trolley air consumption at rated load (m ³ /min)	1,3
Mini-Maxi trolley flange adjustment (mm)	120-310
Max. bottom flange beam thickness (mm)	40
Minimum curve radius (m)	50
Air inlet (BSP)	¾"
Chain size (mm)	8x24
Chain Weight per meter of lift (kg)	6
*Weight with std lift (Kg)	250

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