

SELBY ENGINEERING AND LIFTING SAFETY LTD. TEL: +44 (0) 1977 684 600



I.R.E.P S.A.S
59450 Sin le Noble - France
Tel.: +33 (0) 27 93 08 08
Fax: +33 (0) 27 93 08 00

Copyright © 2008.Ingersoll-Rand Company
All Rights reserved.

LIFTCHAIN LC2A Series

Model LC2A060Q...

Trolley Mount

6 Ton Lifting capacity

IREP Drawing Number	Rev.
08/05/10-L644	A
Customer Drawing Number	
Folio :	1/1
Engineering Mgr. Approval : JLF	

Standard Features :

- Rugged and Compact modular design
- Explosion proof - 100% duty rating - No downtime
- Gear type air hoist motor with high starting torque providing long life
- Variable speed control at pilot pendant (4 buttons)
- Top and bottom limit switches intergrated in hoist body for better protection
- Automatic fail safe disc brake (no adjustment required) on hoist and trolley motor
- Zinc plated load chain for corrosion resistance
- Exhaust muffler for quiet operation
- Low maintenance cost
- 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 adjusted at factory during load tests
- Main air emergency stop at pendent as per EN 418
- Spark resistant package for ATEX zone 1
- Chain containers
- Marine or offshore paint including sandblasting
- Mining versions and hydraulic versions available

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

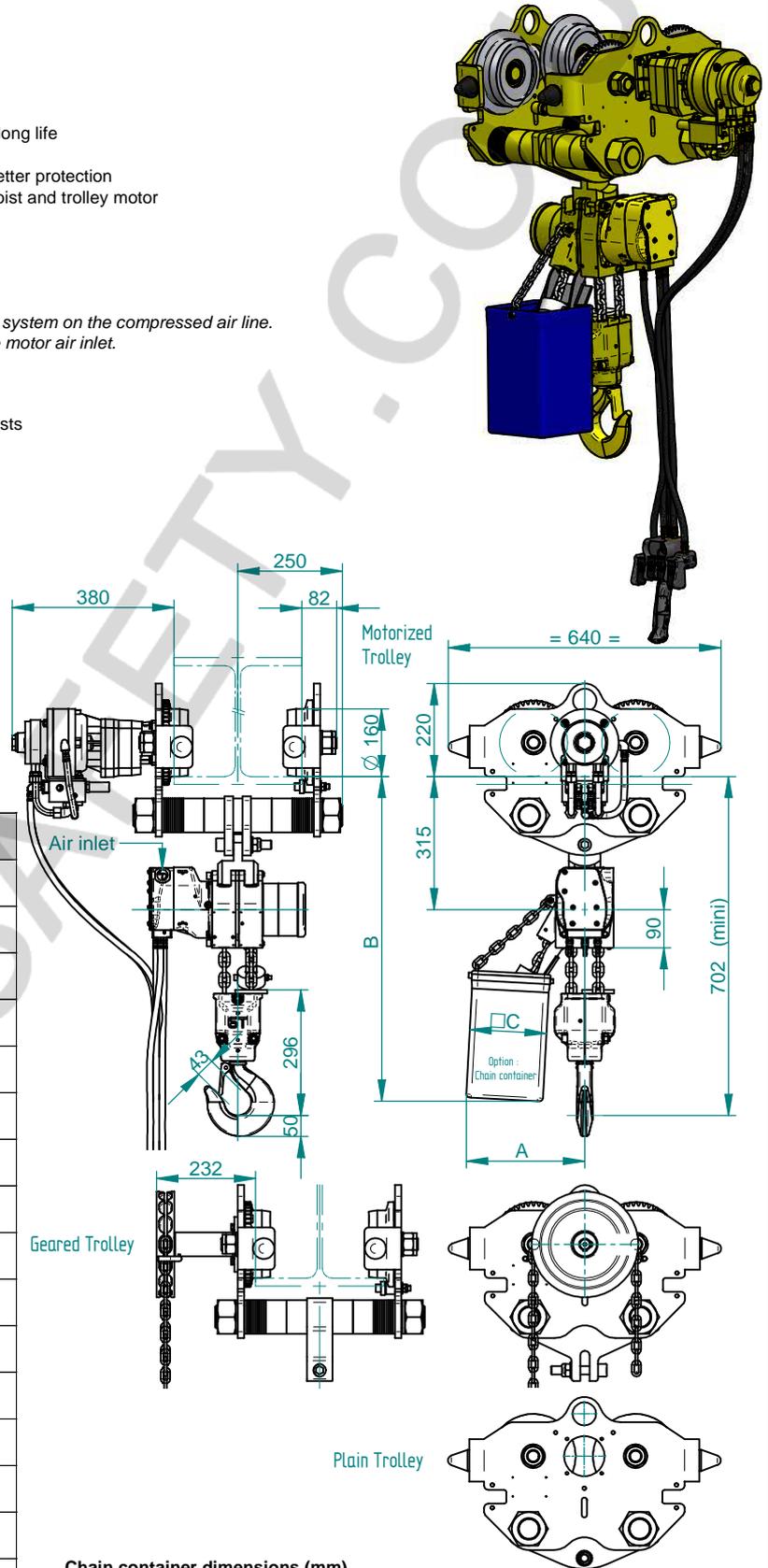
- Driving mechanism classification 1Bm

Built in ISO 9001 certified factory

Technical data at 6.3 bar

Model	LC2A060Q
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)	4 to 7
Hoist air consumption at rated load (m ³ /min)	4
Trolley motor air consumption (m ³ /min)	1.3
Mini-Maxi Trolley flange adjustment (mm)	100-310
Minimum headroom (mm)	702
Minimum curve radius (m)	3
Air inlet (BSP)	3/4
Chain size (mm)	8x24
*Weight with std lift (Kg)	200
Chain Weight per meter of lift (kg)	6

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



Chain container dimensions (mm)

Height of lift	A	B	C	Option code
3 m	275	769	180	A
7.5 m	325	869	230	B
15 m	405	969	315	C

The equipment described on this sheet is subject to the general sales and warranty conditions of Ingersoll-Rand company. Because of the constant evolution of technology, Ingersoll-Rand company reserves the right to modify without notice the specifications contained in this document.