



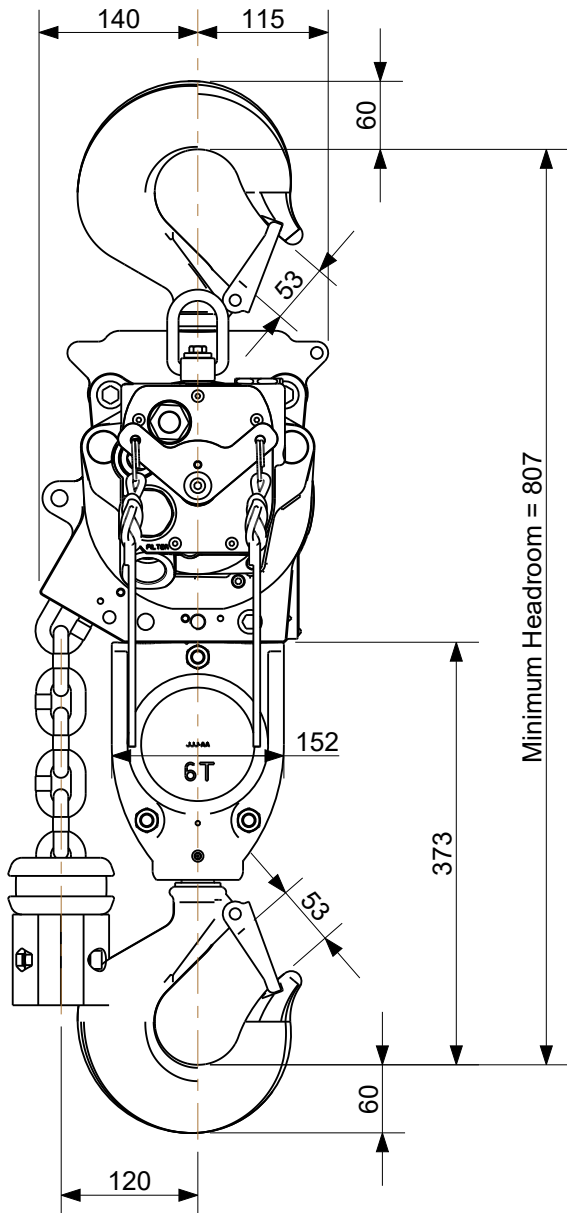
I.R.E.P. S.A.S
59450 Sin le Noble - France
Tél : +33 (0) 27 93 08 08
Fax : +33 (0) 27 93 08 00

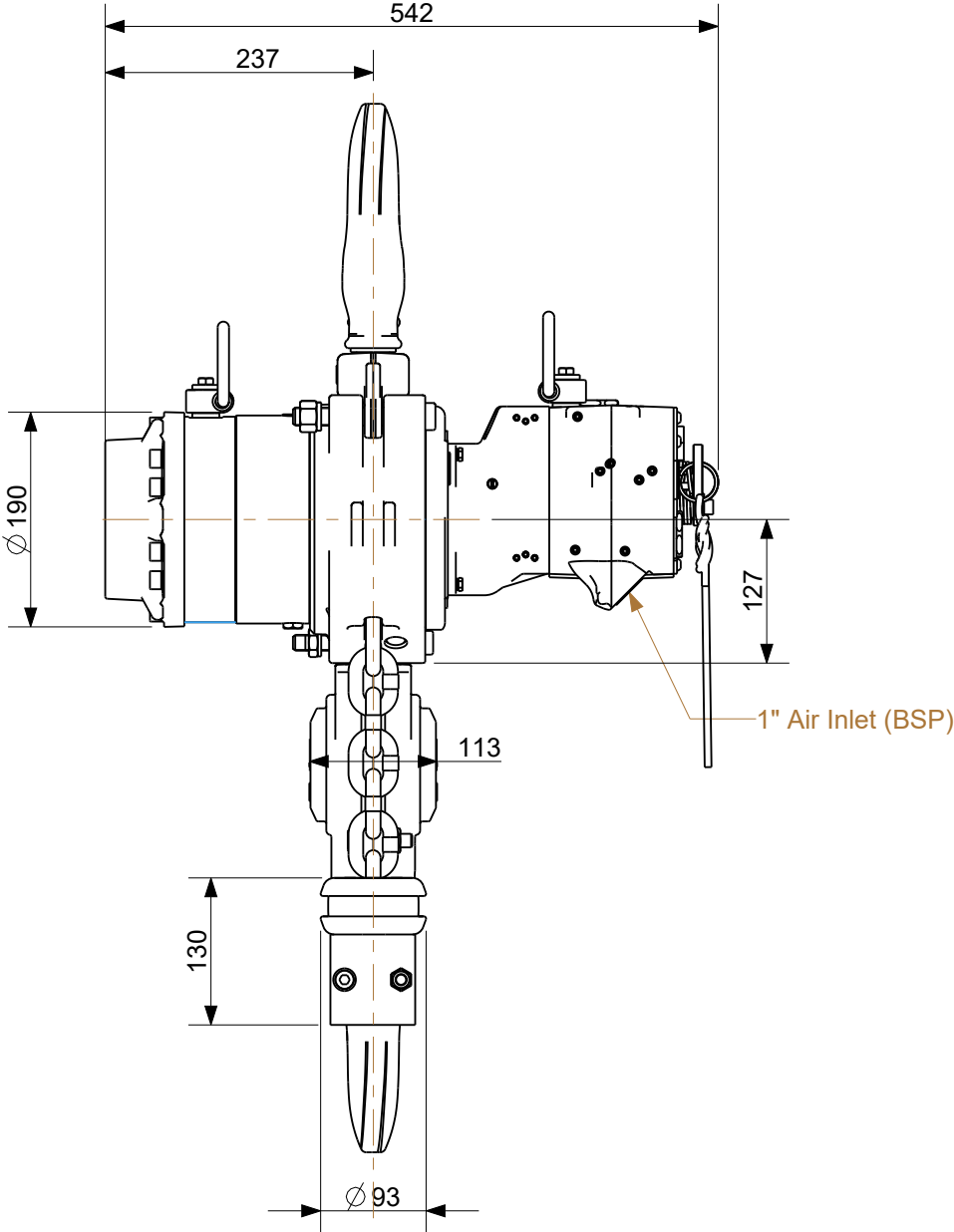
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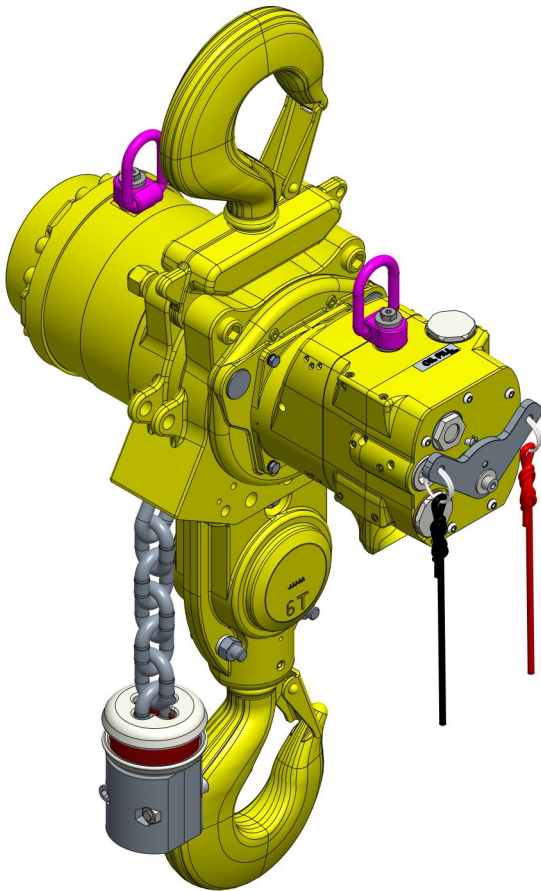
LIFTCHAIN LC2A Xtrem Series
Air Chain Hoist
Model LC2A060DIX1C*M*-E
6 ton lifting capacity



IREP Drawing Number	Rev.
26-02-17	A
Customer Drawing Number	
Folio:	1 / 1
Engineering Manager Approval: AF	







STANDARD FEATURES:

- Rugged and compact modular design
- Design factor 5:1 on primary load components.
- Working temperature range -20°C +60°C
- Patented integrated air filter cartridge (stainless steel) and air lubrication system with adjustable flow and oil level sight glass
- Lifting lugs to facilitate handling and installation of the hoist
- Pull cord control with variable speed control valve, corrosion resistant, precise operation
- Overload protection device
- Heavy duty end stroke bumpers with superior shock absorption
- Shock resistant air exhaust muffler
- Driving mechanism classification FEM 1Am (ISO M4)
- Explosion proof design – 100% duty rating.
- High torque gear type air motor with excellent starting characteristics for long service life.
- Automatic fail safe disc brake – no adjustment required.
- Zinc plated load chain for corrosion resistance (grade 80)
- Sound pressure level: 78 dBA.
- Each hoist is individually load tested before shipment.
- CE Marking – Compliance with the European Machinery Directive. "Dead man" pull cord control system included.
- Swivel top hook
- Built in ISO 9001 certified factory.

OPTIONAL FEATURES:

- External Air Regulator – option “J3”
- Marine paint - option "P" 220 including sandblasting.
- Offshore paint - option "QZ" 290 including sandblasting.
- Spark resistant package for ATEX zone 1 - Option "T1"
- Third party and/or customers witness test in factory - Option "W".

*W1 for ABS / W2 for DNV / W3 for LRS / W4 for customer witness test.

Ex classifications (ATEX):

Ambient Temperature : -20°C to +60°C

- Standard version is suitable for Zone 2
(ATEX Marking Gas: Ex II 3G Ex h IIB T4 Gc X).
(ATEX Marking Dust: Ex II 3D Ex h IIC T135°C Dc X).
- Optional spark resistant package option T1 is suitable for Zone 1
(ATEX marking Gas: Ex II 2G Ex h IIB T4 Gb X).
(ATEX marking Dust: Ex II 2D Ex h IIC T135°C Db X).

Technical Specifications at 6.3 Bar (90 PSI)	
Model LC2A060DIX1C-E	
Rated Capacity (metric ton)	6
Falls of Chain	2
Lifting speed at rated load (m/min)	2.1
Lifting speed at no Load (m/min)	3.5
Lowering speed at rated Load (m/min)	2.8
Working pressure range (bar)	4 to 7
Air consumption at rated load (m3/min)	4.5
Minimum headroom (mm)	807
Air Inlet (BSP)	1"
Chain Size (mm)	13x36
* Weight with Std lift (kg)	161
Chain Weight per meter of lift (kg)	7.6

*Net weight is given with lift of standard 10m and standard control length of 15m

The equipment described on this sheet is subject to the general sales and warranty xconditions 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.