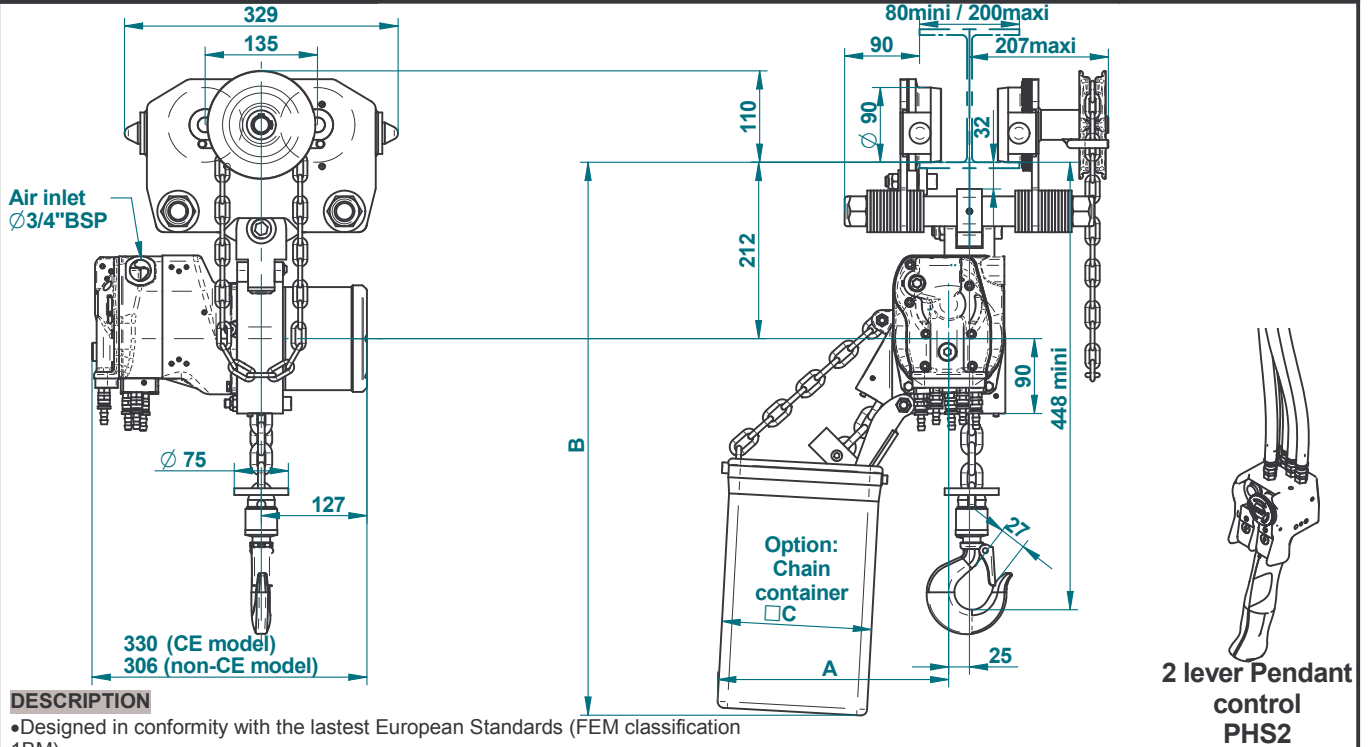


LIFTCHAIN AIR HOIST SERIES LC2A015S Under geared trolley 1.5 Ton capacity

Document reference	Rev. No
04/05/03	A
Engineering Manager Approval	
Faillon JL	
Project reference :	L644



DESCRIPTION

- Designed in conformity with the latest European Standards (FEM classification 1BM).
- Reliable gear type air motor in composite material, lube free operation*.
- Built in overload protection and main air shut off valve (fitted as standard on CE models. Optional on non-CE models).
- Emergency stop button at pendant control (fitted as standard on CE models. Optional on non-CE models).
- Excellent spotting characteristics with the PHS progressive remote pilot pendant or pull chain control.
- Top and bottom limit switches are integrated into the hoist body.
- High efficiency planetary gear box.
- Automatic disc brake.
- Robust steel construction – 5 :1 design factor on load bearing parts.
- Geared trolley with universal wheels for flat and tapered beams.
- Flameproof by nature – particularly suitable for use in potentially explosive atmospheres.

Nota : In their standard design, LC2A hoists are classified as equipment category 3 for applications in zone 2 of group II (surface industry, as per ATEX 94/9/CE directive)

Marking Ex II 3 GD c IIB135°C X.

* Lubricating the hoist has no detrimental effect on the operating performance. Also, it is strongly recommended to use 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.

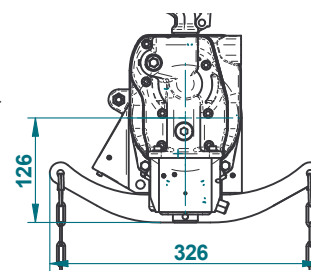
SPECIFICATIONS

Model	LC2A015SIP 3GU..	
Load capacity (Ton)	1.5	
Chain falls	1	
Minimum/Maximum Trolley flange adjustment (mm)	80 / 200	
Weight with trolley* (Kg)	Non CE model	58
	CE Model	62
Weight of chain / 1m of lift (kg)	1.4	
Trolley min. turning radius (m)	1	

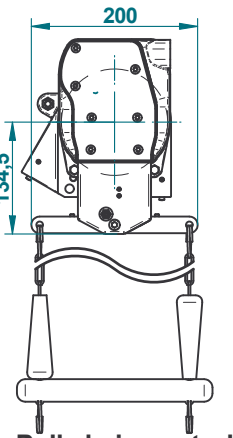
*Net weights are given with standard lift of 3m and standard control length of 2m

Chain container dimensions (mm)

Height of lift in metres	Chain capacity of container	A	B	C
12	12m	275	667	180
30	30m	325	767	230
60	60m	405	867	315



Pull chain control CE model



Pull chain control non-CE model

HOIST PERFORMANCES

Model	LC2A015SIP 3GU..	
Working pressure (Bar)	4 to 7	
Lifting speed at rated load (m/min)	at 6.3Bar	6.2
	at 4Bar	3.2
Lifting speed at no load (m/min)	at 6.3Bar	11
	at 4Bar	9
Lowering speed at rated load (m/min)	at 6.3Bar	8.5
	at 4Bar	8.5
Lowering speed at no load (m/min)	at 6.3Bar	8
	at 4Bar	7
Free air consumption (m ³ /min)	at 6.3Bar	0 to 4
	at 4Bar	0 to 2.2

- Options : Longer height of lift and control .
Offshore paint
Chain buckets.
Spark resistance package (ATEX zone 1).
Hook mount configuration.