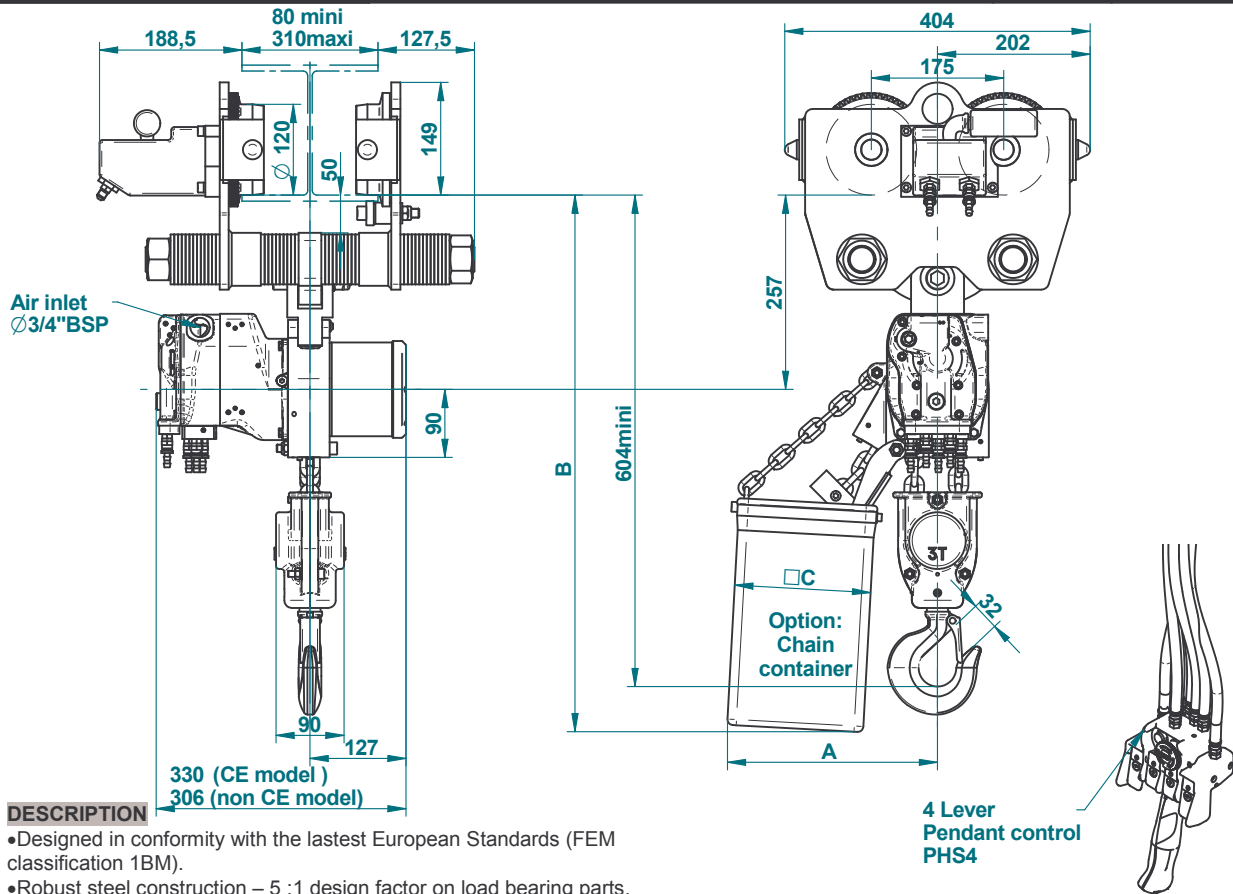


LIFTCHAIN AIR HOIST SERIES LC2A030D Under motorized trolley 3 Ton capacity



DESCRIPTION

- Designed in conformity with the latest European Standards (FEM classification 1BM).
- Robust steel construction – 5 : 1 design factor on load bearing parts.
- Reliable gear type air motor in composite material ,lube free operation*.
- Built in overload protection and main air shut off valve (standard on CE models .Optional on non-CE models).
- Emergency stop button at pendent control (fitted as standard on CE models .Optional on non-CE models).
- Excellent spotting characteristics with the PHS progressive remote pilot pendant.
- Top and bottom limit switches are integrated into the hoist body.
- High efficiency planetary gear box .
- Automatic disc brake.
- Motorized trolley with automatic disc brake and 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.

Chain container dimensions (mm)

Height of lift in metres	Chain capacity of container	A	B	C
6	12m	275	712	180
15	30m	325	812	230
30	60m	405	912	315

TROLLEY PERFORMANCES

Model	3 Ton
Max. traverse speed at rated load 6.3Bar (m/min)	17
Max. traverse speed at no load 6.3Bar (m/min)	21
Free air consumption at 6.3Bar (m ³ /min)	0 to 1.3

SPECIFICATIONS

Model	LC2A030DIP 3RU..	
Load capacity (Ton)	3	
Chain falls	2	
Minimum/Maximum Trolley flange adjustment (mm)	80 / 310	
Weight with trolley* (Kg)	Non CE model	101
	CE Model	105
Weight of chain / 1m of lift (kg)	2.8	
Trolley min. turning radius (m)	2	

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

HOIST PERFORMANCES

Model	LC2A030DIP 3RU..	
Working pressure (Bar)	4 to 7	
Lifting speed at rated load (m/min)	at 6.3Bar	3
	at 4Bar	1.5
Lifting speed at no load (m/min)	at 6.3Bar	5.5
	at 4Bar	4.5
Lowering speed at rated load (m/min)	at 6.3Bar	4
	at 4Bar	4
Lowering speed at no load (m/min)	at 6.3Bar	4
	at 4Bar	3.5
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.