



LS2 - AIR WINCH

AVAILABLE FROM 300 – 1500 KG

Model: LS2 (air winch)



Ingersoll-Rand Air Winch

- Kolos is main supplier of Ingersoll-Rand material handling equipment in Norway.
- For use in industrial application, oil & gas drill rigs, FPSO- and FLNG vessels and mining operation.
- Meets all requirements for high duty-cycle, harsh environment operation and are strongly reliability.
- Configurable options and among of accessories to meets customer requirements / desired rules. Compact design.
- CE-certified models ensure highly safety for use. ATEX certified for zone 1 and zone 2 (configurable)
- Documentation available in our client database.



GENERAL

Type and model	Air winch // LS2 (configurable)
Design and capacity	Compact air winch available with different drum sizes // 300 – 1500 kg
Operation	Throttle lever, pendant (remote hose) or radio remote (also available for zone)
Marked	Industrial application, oil & gas drill rigs, FPSO- and FLNG vessels and mining operation
Atex zone area	Available as zone 1 and 2
Available with	Low temp design, material traceability, marine or offshore paint, press roller (1500 kg model only) and witness test (DNV, LRS or ABS)
Functions	Upper- and lower limit switches. Emergency stop with reset function. Overload system.

MISC. EQUIPMENT



Various length and types of wire ropes.



Airline accessories (filter, regulator and lubricator)



Throttle, pendant or radio remote.



Press roller for 1500 kg model



Varius documentation requirements.

Ask us!



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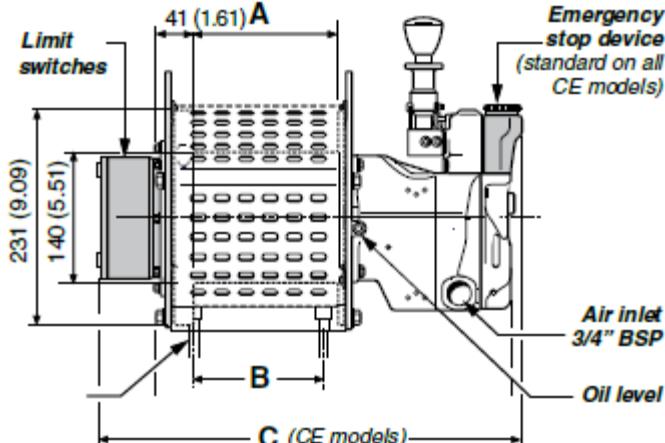
DATA AND PERFORMANCE

Model	Lifting capacity	Wire capacity	Wire storage capacity	Net weight	Required air flow	Lifting speed*	Wire rope diameter*	Sound level per EN 14492-1
LS2-300R	300 kg	110 m	150 m	42 kg	4 m3/min	40 m/min	5 mm	92 db(A)
LS2-300RGC	300 kg	226 m	307 m	49 kg	4 m3/min	40 m/min	5 mm	92 db(A)
LS2-600R	600 kg	58 m	89 m	42 kg	4 m3/min	20 m/min	6,5 mm	92 db(A)
LS2-600RGC	600 kg	121 m	183 m	49 kg	4 m3/min	20 m/min	6,5 mm	92 db(A)
LS2-1500R	1500 kg	33 m	61 m	85 kg	4,8 m3/min	9,5 m/min	11 mm	90 db(A)
LS2-1500RGC	1500 kg	70 m	128 m	100 kg	4,8 m3/min	9,5 m/min	11 mm	90 db(A)

*All data is based on working pressure 6,3 bar / 90 PSI and for local throttle setup. Lifting speed is at top layer.

*Drum capacity is based on tightly wound wire rope and 1/2" freeboard from the top of the flange to the top layer. Recommended drum working capacity is 80% of values shown. GC = Long drum

Dimension



Model	A	B	C
LS2-300R	155 mm	140 mm	461 mm
LS2-300RGC	311 mm	296 mm	617 mm
LS2-600R	155 mm	140 mm	461 mm
LS2-600RGC	311 mm	296 mm	617 mm
LS2-1500R	187 mm	166 mm	500 mm
LS2-1500RGC	375 mm	354 mm	687 mm

* Mounting
LS2-300 and LS2-600, holes for mounting 4 x Ø11 mm.
Dimension between holes are 216 mm.

LS2-1500R / GC, holes for mounting 4 x Ø13 mm.
Dimension between holes are 196 mm.

Note! Dimensions are subject to change. Contact for drawings.

Authorized Service Center



- Kolos has decades of expertise as an authorized workshop for Ingersoll-Rand lifting equipment.
- Kolos focuses on quality, safety and cost savings for you as customer. We use trained technician and have dedicated workstations.
- As distributor, Kolos has among of service kits at stock to ensure reduced service time.
- Test facilities for dynamic testing to ensure all functions to be checked safely.
- Checklist, reports and documentation available in our client database.



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