

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



Variis documentation requirements.

Ask us!



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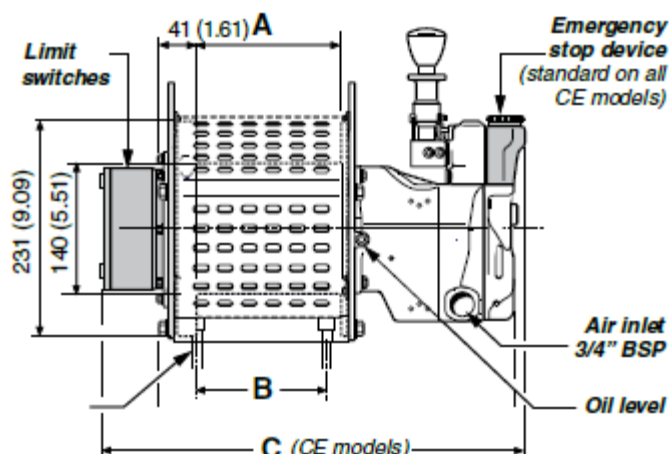
DATA AND PERFORMANCE

| 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 m ³ /min | 40 m/min | 5 mm | 92 db(A) |
| LS2-300RGC | 300 kg | 226 m | 307 m | 49 kg | 4 m ³ /min | 40 m/min | 5 mm | 92 db(A) |
| LS2-600R | 600 kg | 58 m | 89 m | 42 kg | 4 m ³ /min | 20 m/min | 6,5 mm | 92 db(A) |
| LS2-600RGC | 600 kg | 121 m | 183 m | 49 kg | 4 m ³ /min | 20 m/min | 6,5 mm | 92 db(A) |
| LS2-1500R | 1500 kg | 33 m | 61 m | 85 kg | 4,8 m ³ /min | 9,5 m/min | 11 mm | 90 db(A) |
| LS2-1500RGC | 1500 kg | 70 m | 128 m | 100 kg | 4,8 m ³ /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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