

AIR WINCH MODEL LS2-600R

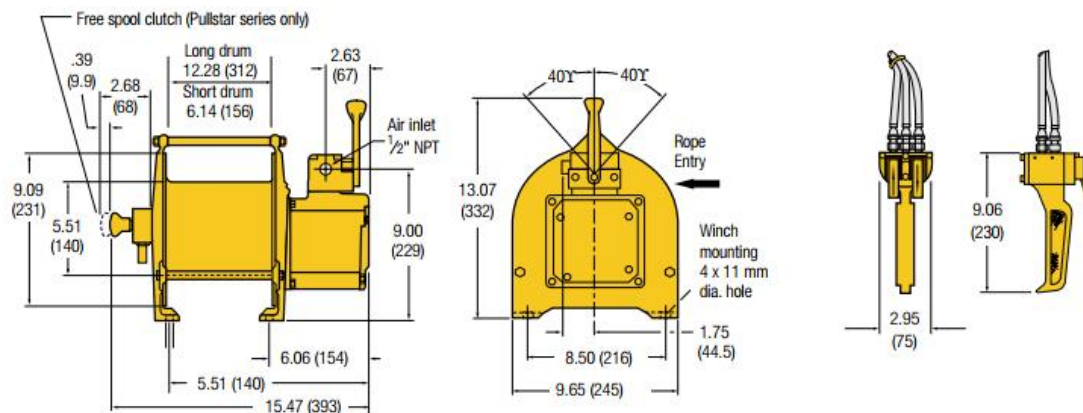


- Rugged gear motor tolerates dirty, wet supply air, and is suitable for use in tough environments such as steel mills, mining operations power stations, foundries, shipboard and marine applications, chemical and petroleum industries.
- With only two moving parts, maintenance is low and motor life is long.
- High torque gear motor provides excellent spotting characteristics.
- Variable speed control provided by either the self-returning throttle lever or remote pendent handle.
- Pullstar has disengaging clutch for free-spooling unloaded wire rope.
- All ductile iron construction
- Automatic self-adjusting disc brake
- Continuous duty cycle
- Lightweight design for portability.
- Meets ASME B30.7 standards
- Exhaust air routed internally through drum barrel for reduced noise level.
- Operable at 70–100 psi (4.9–7 bar)
- Low air consumption • Internal gear box in a compact space saving design

Dimensions:

LS150R-L, LS300R-L, LS600R-L, PS1000R-L in inches (mm). Overwound is standard.

Pendent handle in inches (mm)



LS150R-PH2M, LS300R-PH2M, LS600R-PH2M, PS1000R-PH2M in inches (mm). Overwound is standard.

General Performance. Performance based on a 5:1 design factor

Model	Line Pull Capacity			Line Speed		
	First Layer kg (lb)	Mid Drum kg (lb)	Top Layer kg (lb)	First Layer m/min (fpm)	Mid Drum m/min (fpm)	Top Layer m/min (fpm)
LS2-600R-L	600 (1,320)	600 (1,320)	600 (1,320)	20 (66)	20 (66)	20 (66)

General Characteristics. Performance at 6.3 bar (90 psi) air inlet pressure with the motor running

Model	Motor	Lifting Speed at Top Layer	Air Consumption with Rated Load	Air Volume Needed to Move Rated Load at Top Layer	Sound Level as per EN 14492-1	Net Weight
	kW (hp)	m/min (fpm)	m ³ /min (ft ³ /min)	3 m (10 ft)	dB(A)	kg (lb)
LS2-600R-L	2.6 (3.5)	20 (66)	4 (141)	0.6 (21.4)	92	42 (93)

Drum capacity

Model	Minimum Rope Breaking Force ⁽¹⁾	Recommended Rope Diameter	Drum Capacity per Layer ⁽²⁾							Max. Rope Storage Capacity ⁽³⁾
	kN (lbs)	mm (in)	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6	Layer 7	m (ft)
LS2-600R-L	30 (6,800)	6.5 (1/4)	9 (30)	20 (66)	32 (105)	45 (148)	58 (190)	- (-)	- (-)	89 (292)

Imenco: Smart Solutions

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