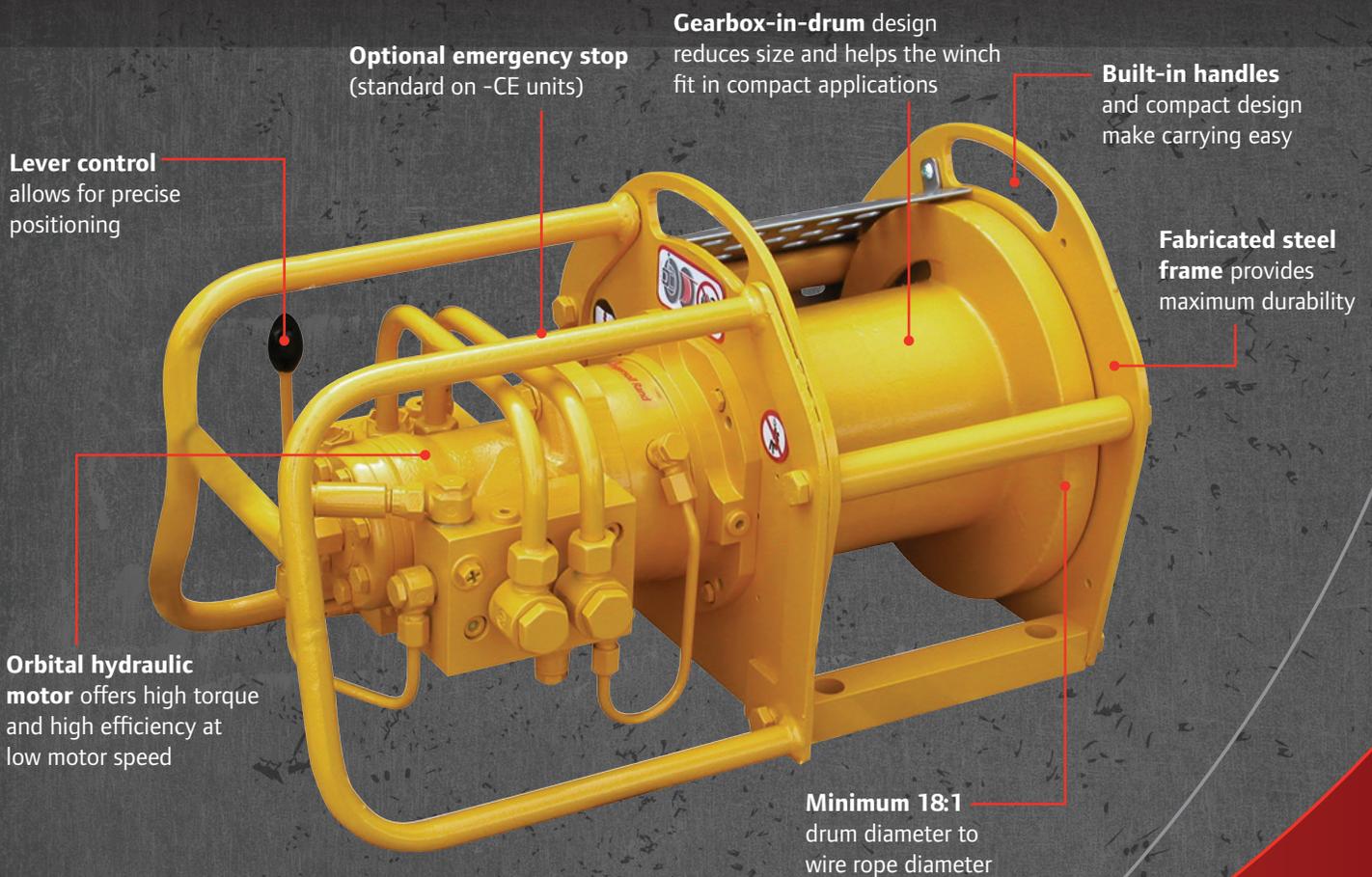




Liftstar Portable Hydraulic Winches

600 kg (1,320 lb)

Ingersoll Rand's hydraulic Liftstar winches offer solid, cast iron and steel construction in a compact package that is easy to deploy wherever you need it. These winches are tough enough to work reliably day in and day out no matter where you put them. They feature dependable orbital hydraulic motors for high efficiency performance. Trusted for years wherever there are extreme lifting needs, Ingersoll Rand hydraulic winches are the ideal choice.



Ideal for:



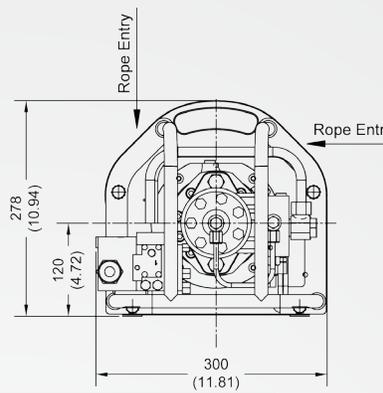
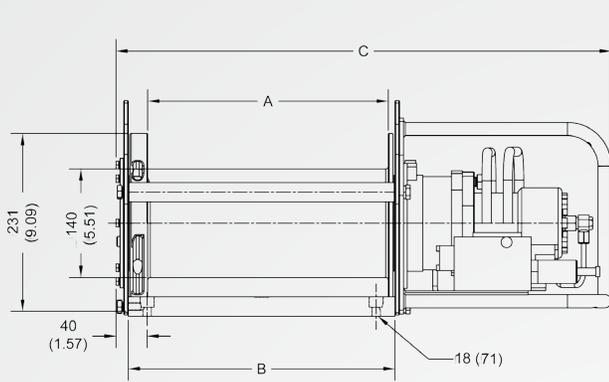
Onshore



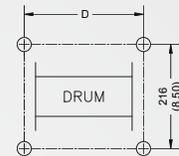
Offshore



Marine



Bolt Pattern



Models	A mm (in)	B mm (in)	C mm (in)	D mm (in)	# of Bolt Holes
LS2-600H40-L	155 (6.10)	189 (7.44)	484 (19.06)	140 (5.51)	4
LS2-600H40GC-L	311 (12.24)	351 (13.82)	640 (25.20)	296 (11.65)	4

Dimensions shown are mm. Dimensions in Brackets [] are inches. Dimensions are subject to change. Contact factory for certified drawings.

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

Model	First Layer kg (lb)	Line Pull Capacity			Line Speed		
		Mid Drum kg (lb)	Top Layer kg (lb)	First Layer m/min (fpm)	Mid Drum m/min (fpm)	Top Layer m/min (fpm)	
LS2-600H40-L	800 (1,750)	700 (1,535)	600 (1,320)	15 (49)	17 (57)	20 (66)	
LS2-600H40GC-L	800 (1,750)	700 (1,535)	600 (1,320)	15 (49)	17 (57)	20 (66)	

General Characteristics. Performance based on 120 bar (1,740 psi) inlet pressure

Model	Motor Displacement cm ³ /rev (in ³ /rev)	Max Flow with Rated Load L/min (gal/min)	Operating Pressure bar (psi)	Drum Torque N-m (lb-ft)	Net Weight kg (lb)
LS2-600H40-L	40 (2.44)	25 (6.6)	100 (1,450)	600 (442.5)	52 (115)
LS2-600H40GC-L	40 (2.44)	25 (6.6)	100 (1,450)	600 (442.5)	59 (130)

Drum Capacity

Model	Minimum Rope Breaking Force ⁽¹⁾ kN (lb)	Recommended Rope Diameter mm (in)	Drum Capacity per Layer ⁽²⁾ m (ft)					Max. Rope Storage Capacity ⁽³⁾ m (ft)
			Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	
LS2-600H40-L	29 (6,600)	6.5 (1/4)	9 (30)	20 (66)	32 (105)	45 (148)	58 (190)	89 (292)
LS2-600H40GC-L	29 (6,600)	6.5 (1/4)	19 (62)	42 (138)	66 (217)	93 (305)	121 (397)	183 (600)

⁽¹⁾ Recommended minimum breaking force of wire rope based on top layer line pull rating.

⁽²⁾ 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.

⁽³⁾ Max storage capacity is tightly wound with no freeboard.

How to Order

LS2 - 600H 40 GC - L - GQZ

Model Series
LS2 2nd Generation

Capacity
600H 600 kg

Motor Displacement
40 40 cm³

Drum
No letter
Standard
GC Long drum

Control type
L Lever control
DPxxM Full flow remote control
JCxxM Full flow remote control

xxM Specify hose length
needed in meter

Options
CM Low temperature design (-20°C).
G Drum guard
K Skid frame
L Automatic spooling device
M Material traceability certificates as per
EN 10204 3.1 on main load bearing parts.
P Marine paint finish.
QZ Offshore paint including sandblasting.
R Press roller
W1 ABS witness test.
W2 DNV witness test.
W3 LRS witness test.
W4 Client witness of load test.
16 Grooved drum for 16mm rope



For More Information www.ingersollrandproducts.com/lifting lifting@irco.com

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