


# Subsea Lever Hoist SS19

The original & proven subsea lever hoist  
- constantly developed and improved.

The SS19 has been designed and developed over a number of years for use primarily in the Subsea environment. The unique design features - including the one piece construction pinion gears and Quad Cam Pawl System - and the anti-corrosion properties incorporated in this range, give it significant safety advantages over standard lever hoists, making the hoist the ideal tool for all marine and extreme applications.

- Suitable for use in multi-immersion applications
- DNV GL Verification tested according to NORSOK R-002
- Available with slipping clutch overload protection
- Range from 0.8t - 30t
- Available with forged clevis adaptor components
- Patented Quad Cam Pawl System
- Certified and proven track record
- Equipped with our unique Torsion Brake System
- One piece construction pinion gear
- Marine specific friction discs
- Light load protection at 2% of the rated capacity
- Lifts, holds and lowers the load at 2% of rated capacity
- No requirement for preload tension to activate the ratchet mechanism
- Adaptable to use both inverted and horizontally
- Brake chamber protection from outside contamination
- High performance premium grease
- Stainless steel fittings and fasteners
- Operating temp. range -40°C to +50°C (-40°F to +122°F)
- Adjustable chain end anchorage specifically designed to the contours of the hoist
- Available with load bearing swivel hooks to meet relevant standards i.e. AS 1418.2
- Also available with corrosion resistant load chain 
- Spark resistant option available (See page 21)
- The SS19 meets and exceeds the requirements of IMCA DO28 Rev. 1 "Guidance on the use of chain lever hoists in the offshore subsea environment", as well as other industry client specifications while conforming to standards such as BS EN 13157: 2004+A1:2009, ANSI/ASME B30.21-2005, AS1418.2 and SANS 1636.



Product Code	Capacity (tons, T)	Effort (kg, lb)	Dimensions (mm, in)							Load Chain		Std. Lift (ft)	Unit weight w/ standard lift (lb)	Adder weight per additional ft of lift (lb)
			A	B	C	D	E	F1	F2	Diameter (mm)	No. of falls			
SS19-0080	0.8, 0.88	23, 50	128, 5.03	243, 9.57	295, 11.61	158, 6.22	99, 3.89	28, 1.10	45, 1.77	Ø6.3	1	10	19.8	0.6
SS19-0150	1.5, 1.65	26, 57	154, 6.06	370, 14.57	320, 12.60	172, 6.77	104, 4.09	34, 1.34	51, 2.01	Ø7.1	1	10	27.6	0.7
SS19-0300	3.0, 3.31	38, 84	182, 7.17	370, 14.57	400, 15.75	195, 7.67	108, 4.25	36, 1.41	56, 2.20	Ø10.0	1	10	48.5	1.5
SS19-0600	6.0, 6.61	40, 88	242, 9.52	370, 14.57	570, 22.44	195, 7.67	108, 4.25	49, 1.93	70, 2.76	Ø10.0	2	10	76.1	2.9
SS19-1000	10.0, 11.0	47, 104	379, 14.92	370, 14.57	630, 24.80	195, 7.67	108, 4.25	54, 2.13	87, 3.43	Ø10.0	3	10	121.2	4.4
SS19-1500	15.0, 16.53	44, 97	566, 22.28	370, 14.57	840, 33.07	195, 7.67	108, 4.25	59, 2.32	81, 3.19	Ø10.0	5	10	282.2	7.3
SS19-2000	20.0, 22.04	49, 108	470, 18.50	370, 14.57	1050, 41.33	250, 9.84	160, 6.30	81, 3.19	110, 4.33	Ø10.0	6	10	383.6	8.8
SS19-3000	30.0, 33.07	48, 106	700, 27.6	360, 14.2	1200, 47.2	440, 17.3	220, 8.7	91, 3.6	135, 5.3	Ø10	9	5	597.5	13.5

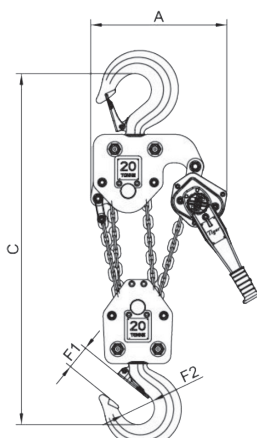
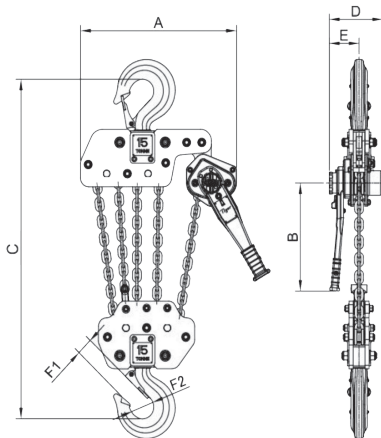
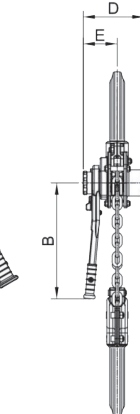
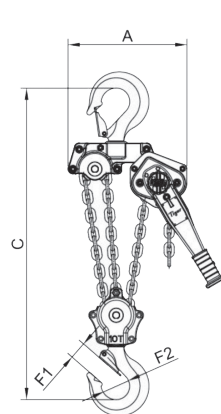
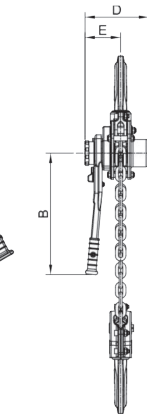
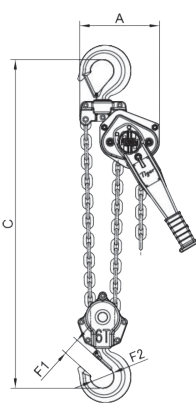
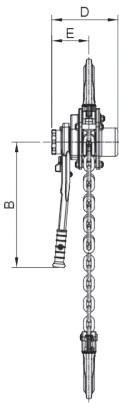
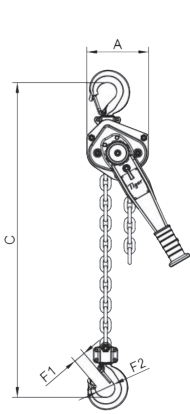
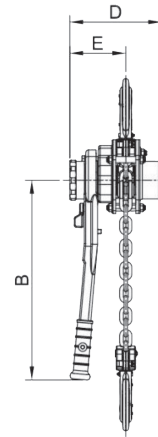
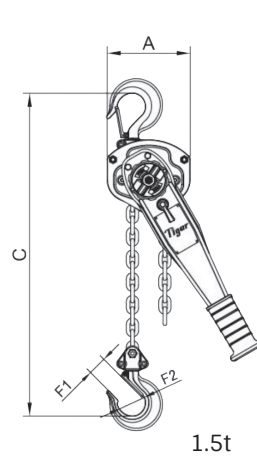
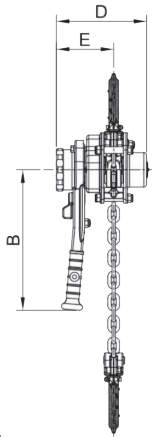
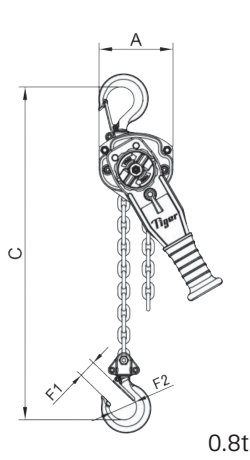
## More features of Subsea Lever Hoist SS19



Tiger has incorporated the ultimate safeguard of a single point failure mode as described in IMCA D028 Rev. 1 Note 7.2 by installing a new specially designed adjustable chain end stop profiled to fit the contours of the hoist body



Unique Torsion Brake System



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