

A RAPIDLY DEPLOYED, HIGH-LOAD LIFTING CONNECTOR DESIGNED FOR CHALLENGING MARINE ENVIRONMENTS

INTRODUCING

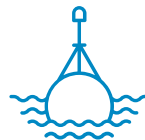
SEA-Lift™



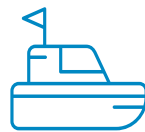
Safety, Security, Speed-Offshore lifting

Designed to be stronger than any equivalent sized chain, with a fully scalable design allowing for working loads up to 100 te WLL (Higher capacity available on request). SEA-Lift™ outperforms traditional lifting technologies.

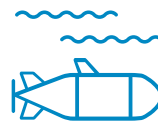
- Optional deployment cone allows for high approach angle, self-centers during connection
- Fully redundant secondary locking including options for remote release
- 'Instant grab' - full load can be applied within seconds of connection
- Instant connection saves money, first time and every time
- Down line recovery enables recovery of covert and lost assets



Buoy and 'Aids to Navigation' Management



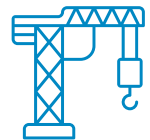
Lifeboat and Fast Rescue Craft Handling and Recovery



AUV / ROV Recovery



Subsea Asset Deployment and Retrieval



Offshore Cargo Loading and Unloading

R1 1804

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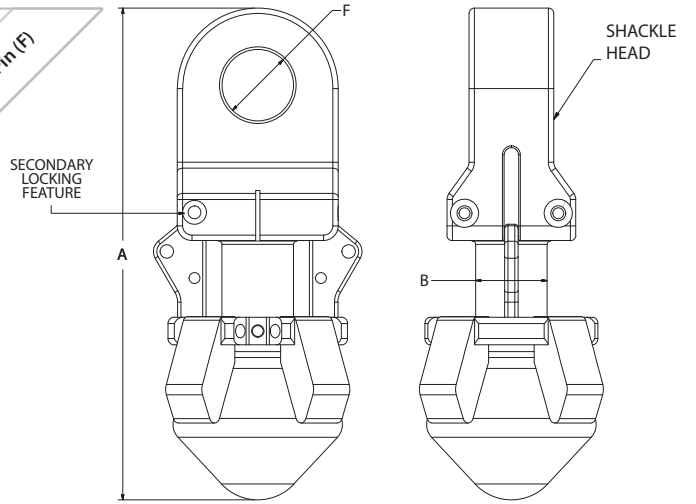
SEA-Lift



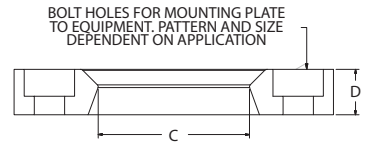
- Choose Hollow bodied (R) variant for down-line recovery

DIMENSIONS

Model	Dimensions		Male Length (A)	Male Shank Diameter (B)	Female Socket Diameter (C)	Socket Plate Thickness (D)	Shackle Size	Shackle Pin (F)
	(mm)	(mm)	(mm)	(mm)	(mm)	Imperial (inches)	Imperial (inches)	Metric (mm)
SL-30 (R)	75.1	10.9	30	9.0	5/16"	3/8"	10	
SL-45 (R)	112.7	16.4	45	13.5	1/2"	5/8"	16	
SL-70 (R)	175.3	25.5	70	21.0	3/4"	7/8"	22	
SL-90 (R)	225.4	32.8	90	27.0	1"	1-1/8"	28	
SL-115 (R)	288.0	41.9	115	34.5	1-1/4"	1-3/8"	35	
SL-160 (R)	400.7	58.2	160	48.0	1-3/4"	2"	50	
SL-240 (R)	601.0	87.3	240	72.0	2-1/2"	2-3/4"	70	

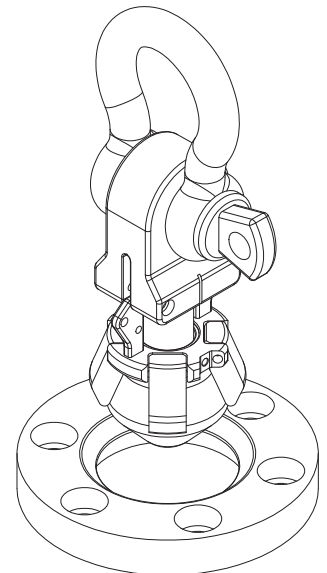


- * Minimum Breaking Load is 4x Working Load Limit
- * Proof Load Tested at Facility



Material Properties	316 Stainless Steel		17-4 Stainless Steel H1025		Grade 5 Titanium 6Al-4V		Aluminum 7075-T651	
	Working Load Limit	Weight	Working Load Limit	Weight	Working Load Limit	Weight	Working Load Limit	Weight
Model	Tonnes (te)	(kg)	Tonnes (te)	(kg)	Tonnes (te)	(kg)	Tonnes (te)	(kg)
SL-30R	0.88	0.20	1.47	0.20	1.30	0.11	0.64	0.07
SL-30	0.98	0.20	1.63	0.20	1.44	0.11	0.71	0.07
SL-45R	1.97	0.69	3.29	0.67	2.90	0.38	1.44	0.24
SL-45	2.20	0.69	3.66	0.67	3.23	0.38	1.60	0.24
SL-70R	4.76	2.60	7.93	2.51	7.00	1.44	3.47	0.91
SL-70	5.31	2.60	8.85	2.51	7.82	1.44	3.88	0.91
SL-90R	7.82	5.52	13.03	5.34	11.51	3.06	5.71	1.94
SL-90	8.78	5.52	14.64	5.34	12.92	3.06	6.41	1.94
SL-115R	13.02	11.52	21.70	11.14	19.15	6.38	9.50	4.04
SL-115	14.34	11.52	23.90	11.14	21.09	6.38	10.46	4.04
SL-160R	24.90	31.01	41.50	30.00	36.63	17.17	18.17	10.89
SL-160	27.75	31.01	46.25	30.00	40.83	17.17	20.26	10.89
SL-240R	56.36	104.67	93.93	101.26	82.92	57.96	41.14	36.76
SL-240	62.44	104.67	104.07	101.26	91.87	57.96	45.58	36.76

ISOMETRIC VIEW



Warning To avoid injury or property damage:
 - Do not exceed the Working Load Limit (WLL)
 - Do not impart shock loads to the configuration
 - Do not impart side load to the configuration
 - Do not replace any parts of SEA-Lift during use
 - Inspect for operation before each use