

ROV Operated Shackle

The ROV Shackle is used for lifting operations of subsea equipment and includes a ROV operated mechanical actuator for connecting and disconnecting the shackle.



Description

Robust design based on standard certified shackle, equipped with mechanical ROV-operated «open and close» function. By using this shackle, the ROV is enabled to open and close the shackle pin using the manipulator arm. The shackle has been used multiple times during operations world wide, and we have delivered shackles from 12 to 120 tons.

Contact us for additional information or to get a quotation. Send an email to commercial@imenco.no or find personal contact info on our website.

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Advantages

- Certified according to DNV 2.22 - Lifting Appliances.
- Easy operation with ROV manipulator.
- As a standard shackle is used, it fits standard lifting ears / pad eyes for the specific size.
- Used successfully in many subsea installations.
- Can be delivered with both D-handle and Fishtail handle.
- Rigging point for correct levelling of ROV shackle.
- High operating max. torque.
- Corrosion resistant construction.

Technical information

- Shackle size: 12 to 120 ton.
- Calculated and certified in accordance with DNV 2.22.
- Fabricated in accordance with ISO 13628-8.
- CE marked.
- ROV or diver operated.
- Operation torque: 100 Nm.
- Design torque: 200 Nm.

Dimension table

GA Drawing	WLL (T _e)	Type and handle	Overall Dimensions (L x H x W) in mm	Safety Bolt diam. (mm)	Pad eye max. hole diameter (mm)	Pad eye width (mm)		Number of turns to open/close (-)	Max operational torque (Nm)	Weigth in air (kg)	Weigth in water (kg)
						Min	Max				
MO115847	12	D-Handle	820x358x124	35	37	41	49	~23	100	27	23,5
MO115915		Fishtail	875x392x124								
MO116149	25	D-Handle	928x394x150	50	53	58	70	~31	100	42	36
MO116153		Fishtail	987x425x150								
MO115548	35	D-Handle	960x404x170	57	60,5	65	79	~34	100	50	43
MO115642		Fishtail	1015x435x170								
MO116160	55	D-Handle	1133x518x210	70	74	82,5	100	~44	100	96	83
MO116166		Fishtail	1187x549x210								
MO115595	85	D-Handle	1198x538x230	83	88	100	120,5	~51	100	122,5	105,5
MO115643		Fishtail	1255x549x230								
MO115962	120	D-Handle	1287x627x280	95	100,5	116	139,5	~58	100	209	181
MO115992		Fishtail	1342x661x280								

For further information visit

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