



William Hackett

OFFSHORE SWIVEL HOIST RING

*Manufactured and tested in accordance with
EN1677-1*

*Meet or exceed all the requirements of
ASME B30.26*

L7 bolts manufactured to ASTM320/A320

*L7 bolts sherardised in accordance with
BSEN ISO 17668:2016*



Offshore Swivel Hoist Ring

The William Hackett offshore swivel hoist ring has been designed for use in the harshest of environments. SUPPLIED FROM STOCK IN THE UK.

- Manufactured and tested in accordance with EN1677-1
- All swivel hoist rings meet or exceed all the requirements of ASME B30.26
- All load bearing components are manufactured from alloy steel and quenched and tempered
- Design factor 4:1
- All load rated components are magnaflux crack detected
- Proof tested to 2.5 times the working load limit

Material Hardness

- L7 bolts maximum material hardness 32 HRc
- Swivel hoist ring body and bail maximum material hardness 35-40HRc

Surface Coating

- Swivel hoist ring body and bail: Geomet
- L7 bolts are charpy impact tested to 20 ft-lbs min. avg. at -150°F
- Body and bail are charpy impact tested to 31ft-lbs min. avg. at -4°F
- L7 bolts supplied with inspection certificate - BSEN10204/3.1
- 100% MPI on all primary load bearing components
- L7 bolt: sheradized - BSEN ISO 17668: 2016

Sheradising

The sheradising process is where a component is treated with a metallurgical zinc vapour diffusion for enhanced corrosion resistance and is commonly performed in a slowly rotating container to form sherardised layers.

Benefits of sherardised technology

- **Non-interference with metallurgical properties:** The low temperature application of the coating process does not have any effect on the hardness.
- **Zero risk of hydrogen embrittlement:** Many coating processes such as galvanizing and electroplating bring with them the risk of embrittlement. This advanced technology poses a zero risk of hydrogen embrittlement.
- **Corrosion Protection:** The zinc-iron alloy coating provides corrosion protection and resistance to pitting.
- **Excellent bonding surface and spark free:** The zinc layer is spark free providing an excellent bonding surface ideal for further coating.
- **Abrasion resistant:** An abrasive resistant coating on average \geq to 15 μ thickness.
- **Environmentally friendly process:** The zinc vapour thermal diffusion process is environmentally friendly (a non-toxic, heavy metal free process).
- **Non-destructive testing:** None-interference with non-destructive test methods such as Eddy current and magnetic particle testing.

Optional Features

- Extended bolts and UNC threads on application.

William Hackett Lifting Products Limited

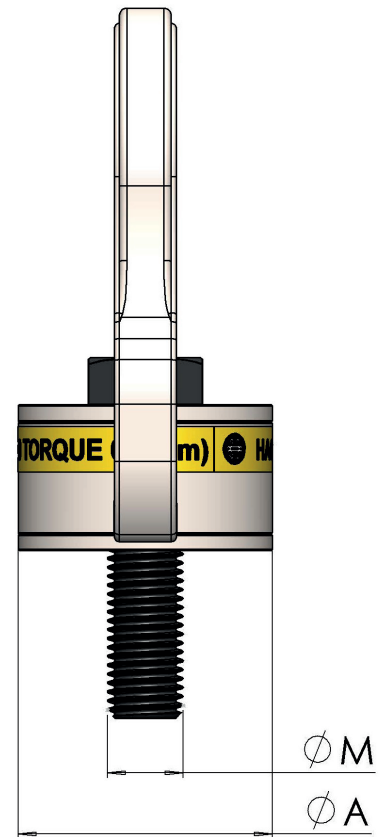
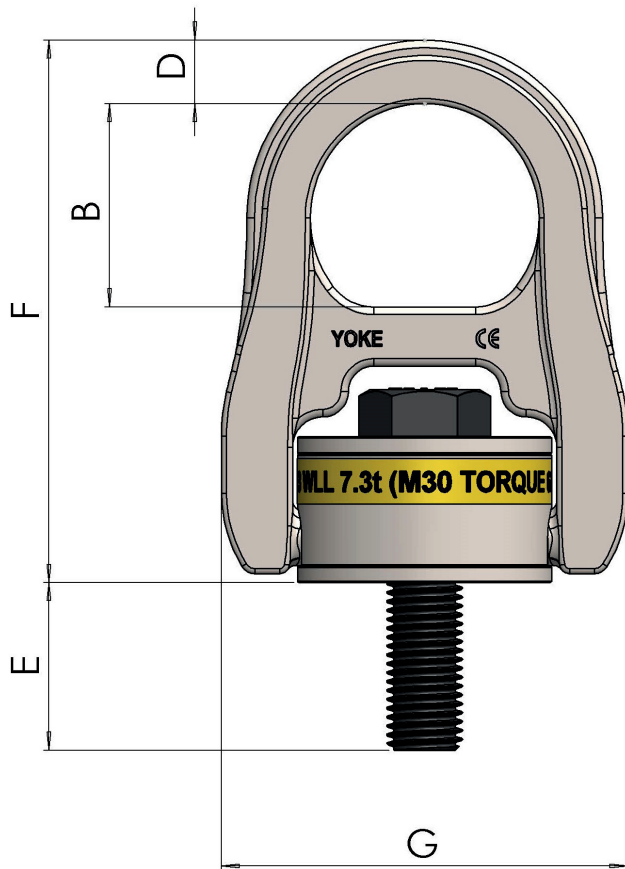
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Part Code	Thread M	A	B	D	E	F	G	WLL t	MPF kN	BF kN	Torque in Nm	Approx mass kg/m
								SF 4:1				
OS-203-010	M12 x 1.75	65.00	58.00	15.00	15.00	158.00	105.00	1.05	25.75	41.20	38.00	1.70
OS-203-018	M16 x 2.00	65.00	58.00	15.00	20.00	158.00	105.00	1.80	44.15	70.63	81.00	1.80
OS-203-024	M20 x 2.50	65.00	58.00	15.00	25.00	158.00	105.00	2.40	58.86	94.18	136.00	1.80
OS-203-040	M24 x 3.00	85.00	73.00	22.00	26.00	204.00	134.00	4.00	98.10	156.96	312.00	4.20
OS-203-073	M30 x 3.50	100.00	80.00	25.00	81.00	241.00	160.00	7.30	179.03	286.45	637.00	6.60
OS-203-100	M36 x 4.00	120.00	106.00	36.00	76.00	286.00	220.00	10.00	245.25	392.40	1005.00	15.00
OS-203-142	M42 x 4.50	120.00	106.00	36.00	65.00	286.00	220.00	14.20	348.26	557.21	1005.00	16.00
OS-203-155	M48 x 5.00	120.00	106.00	36.00	70.00	286.00	220.00	15.50	380.14	608.22	1350.00	16.00

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