DESCRIPTION

The following guidance is offered for instances where it is preferred to install a Seakeeper gyroscope using stainless steel fasteners. This is to be used strictly for mounting the Seakeeper to the vessel foundation only.

GENERAL NOTES

- Bolts shall comply with ISO 3506 Part 1 and have the A4-70 designation.
- Bolts must have a minimum ultimate strength of 100 KSI.
- Bolt length shall be determined by the installer to provide a recommended minimum thread engagement of 1.5 x bolt diameter.
- It is recommended that a G-10 composite washer be placed under the flat washer to provide galvanic corrosion protection between the stainless washer and the aluminum frame.
- The installer shall apply a light coat of nickel based anti-seize to the bolt threads to avoid galling problems with stainless on stainless threads in a potentially contaminated (glass dust) environment.
- The bolt shank and washer shall be fully bedded in an appropriate marine sealant to ensure the prevention of any water intrusion.
- The below values are listed for installation into a helical threaded insert. For through-bolting using a nylock nut, add 10 ft-lbs (13.5 N-m) of torque to the listed values.

MODEL SPECIFIC NOTES

SEAKEEPER 1
- Stainless steel fasteners are not to be used when installing the Seakeeper 1.

SEAKEEPER 2
- Stainless steel fasteners are not to be used when installing the Seakeeper 2.

SEAKEEPER 3
- Stainless steel fasteners are not to be used when installing the Seakeeper 3.

SEAKEEPER 5, SEAKEEPER 6
- M12x1.75 bolts are to be torqued to 51 ft-lbs (69 N-m).

SEAKEEPER 9, SEAKEEPER 16/SEAKEEPER 7HD, SEAKEEPER 12HD
- M14x2.0 bolts are to be torqued to 78 ft-lbs (106 N-m).

SEAKEEPER 26, SEAKEEPER 35/SEAKEEPER 20HD, SEAKEEPER 30HD
- M16x2.0 bolts are to be torqued to 100 ft-lbs (136 N-m).

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<td>2</td>
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<td>3</td>
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