



Sillette Marine



RADICE AXIAL SEALS – RMTA TYPE

ELICHE RADICE S.p.A. has developed a special and innovative axial seal destined to replace the traditional stuffing box.

The range includes the following dimensions:

- RMTA 25 for shaft \varnothing 25 and suitable for brass or resin tube D 39,42-SP 3,5
- RMTA 30 for shaft \varnothing 30 and suitable for brass or resin tube D 45,48-SP 3,5
- RMTA 35 for shaft \varnothing 35 and suitable for brass or resin tube D 48,54-SP 3,5
- RMTA 40 for shaft \varnothing 40 and suitable for brass or resin tube D 54,60-SP 3,5

Also available are the following Imperial sizes:

- RMTA 1" for shaft \varnothing 1" and suitable for brass or resin tube D 42-SP 3,5
- RMTA 1.25" for shaft \varnothing 1.25" and suitable for brass or resin tube D 48-SP 3,5

The RMTA seals are constructed using a rubber which has particular characteristic of being oil-resistant; they are low-friction and can be used in temperatures from -10° to $+80^{\circ}$.

The seals are of reduced dimensions, easily assembled and come complete with two stainless steel clamps and a tube of sea water-resistant silicone based grease which reduces friction and keeps down the temperature produced by shaft rotation. Working temperature is -10° $+140^{\circ}$.

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The RMTA seals come provided with an attachment for the water to enter in order to grant the hydro-lubrication of the seal, an attachment for applying the grease inside the mounted seal, and a special closing cap.

The RMTA seal can be fitted above or below the water level.

MOUNTING

1. Remove the flange coupling and the locking nut, cleaning away any rust or burrs and remove the side coupling key (if fitted). To make insertion easier, lubricate the shaft with water or oil.
2. Insert the specially provided nylon protection into the RMTA seal. This aids the insertion of the shaft without damaging the seal. Fix the seal onto the stern tube using the two stainless steel clamps.
3. Reconnect the shaft the coupling to the gearbox and check alignment. Remove the nylon protection by pulling it towards the engine.
4. Screw the tube of silicone grease into the specially provided attachment and squeeze it into the seal, bearing in mind that there is enough grease in the tube for 4 or 5 applications.

Unscrew the tube of lubrication and insert the closing cap.

MAINTENANCE

The RMTA seal should be greased every 5/6 months with the specially provided grease and should be replaced after 400 hours of running or 4 years after fitting.

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