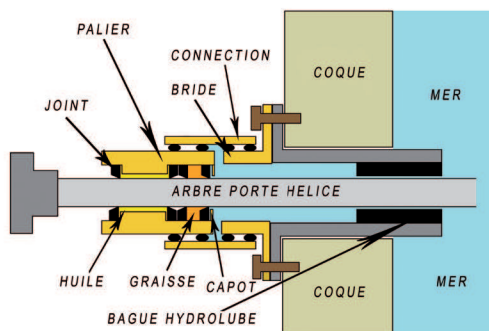
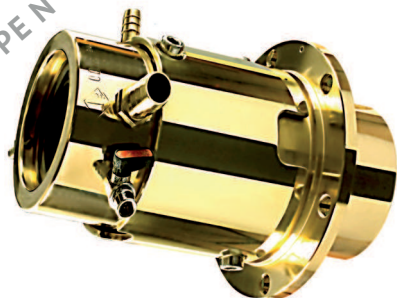




**HYDRAULIC SEALS TS**

PATENT USA N°5.795.198  
PATENT EUROPE N°0770017



Hydraulic Seal Patent: oil circulation, double dry stage, self-aligning bearing.

The H. Seal may be considered the evolution of traditional oil systems used in ships. H. Seal bearing has a special interior profile that creates an oil pumping with the rotation of the propeller shaft. The oil circulation ensures the creation of an oil film between the shaft and the bearing, and almost between the shaft and the oil seals: no friction and excellent durability of the oil seals. On the sea side, the H.Seal has a patented grease chamber that protect oil seals from incrustations. A closing cup protects the oil seals from sand and ropes (fishing-lines...). The water pressure prevents the escape of the grease from the H. Seal. The H. Seal is connected to the stern tube in a flexible way by a strong coupling joint with double articulation, this in order to absorb vibrations and misalignments of the propeller shaft. The hardy metal structure of the H. Seal guarantees a reliable working in every condition, even without oil.

**Available for metric and imperial shafts diameters up to 300 mm.**

**Application: Professional, Pleasure, Ferry Boats...**

Used by leading shipyards like Cranchi, Ferretti, Azimut-Benetti, C.R.N., Fincantieri...

APPROVED VERITAS 09714/AO/BV

APPROVED RINA mac/217/94

