



NEW ZEALAND DESIGNED
MANUFACTURED & TESTED

UNCOMPROMISED SAFETY

FEATURES :

- 1 Easy Installation
- 2 Maintenance Free
- 3 Fitted with Heat Sensor
- 4 HI-TORQUE Stainless Steel Hose Clamps
- 5 High Performance Radial LUP Seal
- 6 Marine Grade Stainless Steel Housing
- 7 Thordon Guide Bush: contains friction and noise reducing additives
- 8 Adjustable Compact Length
- 9 Rebuild-able: you only **purchase 'new' once**
- 10 Customer Identified with Build Number
- 11 Individually Tested
- 12 Strong Reinforced Hose



The fully monitored Stainless Steel Shaft Seal offers maximum protection for your vessel, keeping your crew safe and dry.

that is activated BEFORE your shaft seal is compromised due to lack of coolant.

The Kiwi Shaft Seal is a New Zealand made product that has undergone over 30 years of marine industry development in some of the toughest oceans in the world. The Kiwi Shaft Seal comes complete with its own electronic warning system

The Kiwi Shaft Seal is a breakthrough alternative to stuffing box and mechanical type glands.

Developed by Henleys Propellers & Marine Ltd Established 1917

Certified by SGS M&I New Zealand - a member of the SGS Group (Societe Generale de Surveillance)

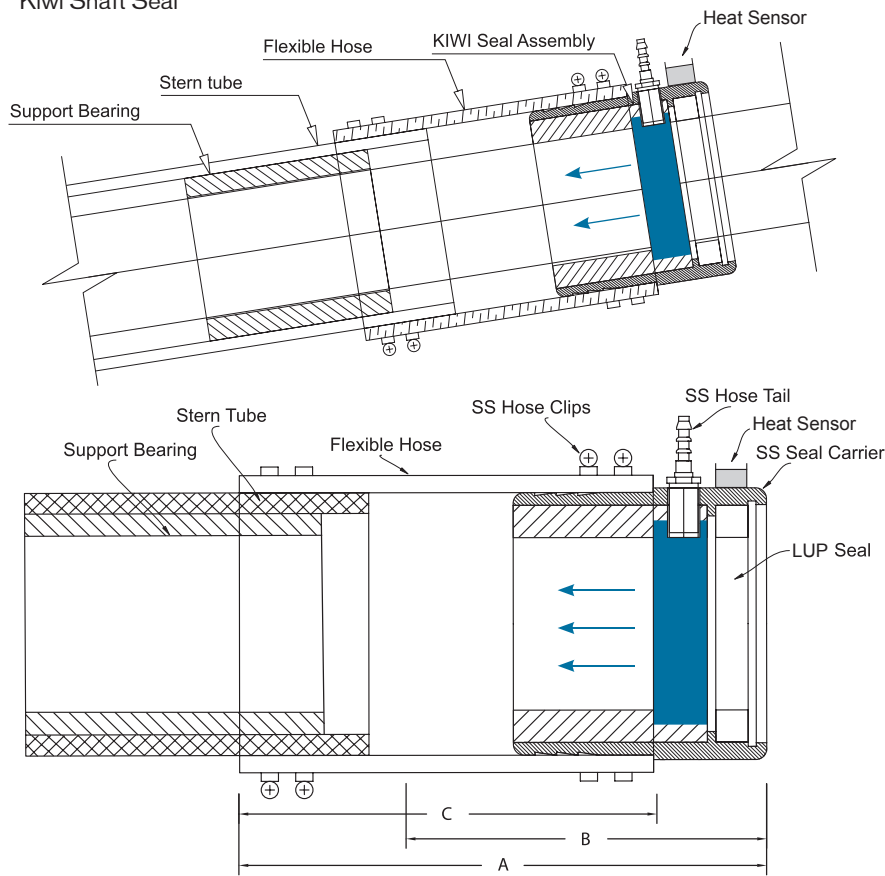


Each Kiwi Shaft Seal comes complete with; Heat sensor fitted, Audio & visual alarm, Dash mounted plate and warning light, SS water flow control valve, SS hose tails & Forward support stern tube bearing.



Kiwi Shaft Seal™ Cross Sectional Drawing

Henleys Easiflow Stern Tube System incorporating Thordon bearing and the Kiwi Shaft Seal™



NOTE: the Kiwi Shaft Seal™ must have a shaft support bearing directly behind the seal

Kiwi Shaft Seal Ltd™ is proud to release the next generation SS Kiwi Shaft Seal™. The design consists of a single piece of stainless steel housing with a single LUP seal configuration. This results in maintenance free, completely rebuild-able and safe seal.

The Kiwi Shaft Seal™ carrier is manufactured from marine grade stainless steel, which is lightweight & durable. The guide bush fitted into the carrier contains friction reducing additives for longer life and reduction of noise. This Thordon material has Lloyds, Bureau Veritas, ABS and Nippon Kojiki Kyokai approvals.

The LUP seal used in the Kiwi Shaft Seal™ assembly is a radial seal giving minimal wear on shaft. With the advent of higher grades in stainless steel, shaft wear is practically nonexistent with the Kiwi Shaft Seal™ arrangement. The Kiwi Shaft Seal™

design utilises straight reinforced hose since it does not require great flexibility to provide compression like a mechanical seal. The reinforced hose is fastened to the shaft seal carrier and the shaft log with the aid of stainless steel hose clamps.

The Kiwi Shaft Seal™ is cold water (salt or fresh) lubricated through a water feed line. A SS water feed fitting is drilled & tapped into the seal housing for security. A stainless steel ball valve and tails are supplied with every unit to regulate the water flow rates for the different seal sizes as per instructions.

All Kiwi Shaft Seals are custom built and each unit has an engraved serial number that relates to the original build & customer history. Kiwi Shaft Seals come complete with a dash mounted warning system that activates when the seal is compromised due to a lack of coolant.

Things to consider in selecting a shaft seal: In order of priority.

- 1 Long term safety
- 2 Operational maintenance
- 3 Wear and tear
- 4 Price
- 5 Compact size
- 6 Initial installation
- 7 Shaft wear

Shaft Size*	Stern Tube OD*	Total Length	Min Length	Hose Length
		(A)	(B)	(C)
1"	1 1/2"-1 3/4"	135	105	100
1 1/4"	1 3/4"-2"	160	130	125
1 1/2"	2 1/2"	160	130	125
1 3/4"	2 7/8"	185	155	150
1 3/4"	3"	185	155	150
2"	3"	185	155	150
2 1/4"	3 1/2"	185	155	150
2 1/4"	3 5/8"	185	155	150
2 1/4"	4"	185	155	150
2 1/2"	4"	185	155	150
2 3/4"	4 1/2"	210	180	175
3"	4 1/2"	210	180	175
3 1/4"	5 1/4"	220	190	180
3 1/4"	6"	245	215	180
3 1/2"	5 1/4"	220	190	180
3 1/2"	6"	245	215	180
4"	5 1/2"	275	245	210
4"	6"	275	245	210
4 1/4"	6"	275	245	210
4 1/2"	6"	275	245	210
4 3/4"	8"	280	250	230
4 3/4"	8 5/8"	280	250	230
5"	8"	280	250	230
5"	8 5/8"	280	250	230
5 1/2"	8"	280	250	230
5 1/2"	8 5/8"	280	250	230
6"	8"	280	250	230
6"	8 5/8"	280	250	230

*Metric sizes available on request



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