

RA/RA-C

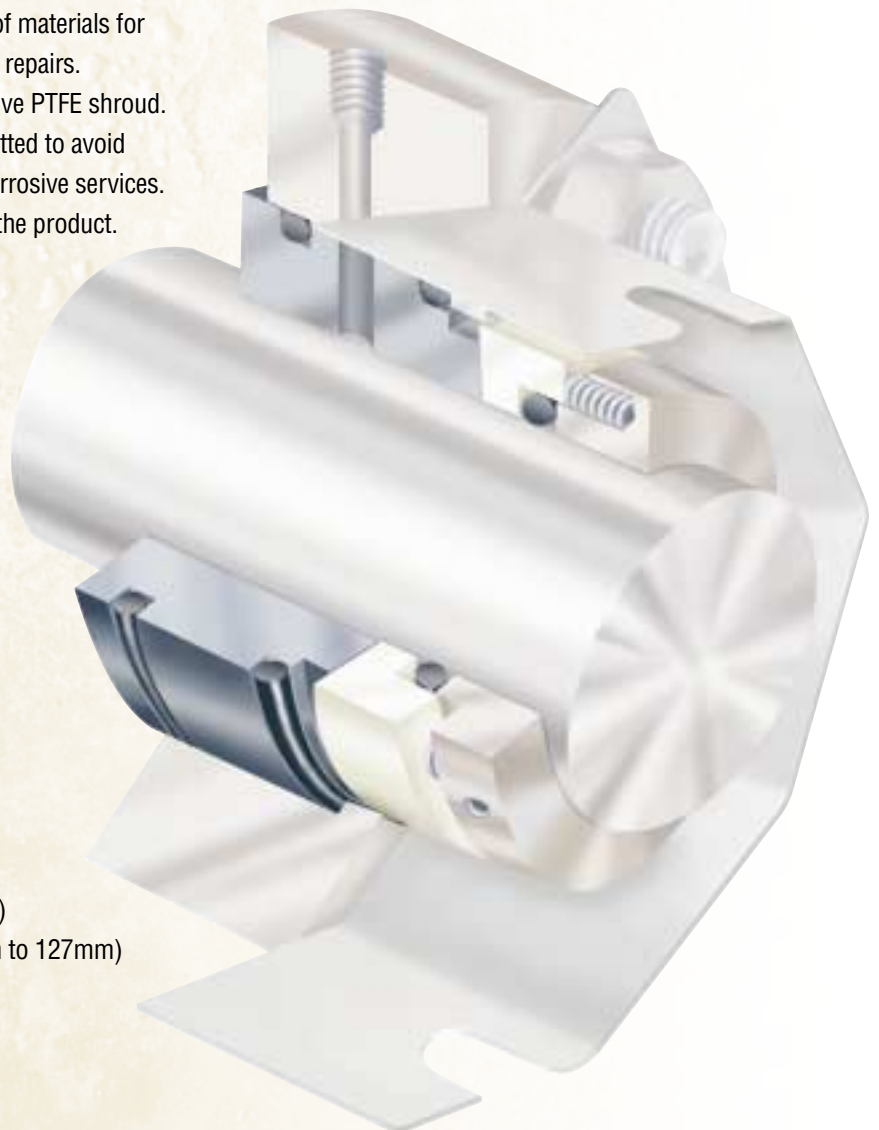
A single balanced seal designed to mount outside the seal chamber. No wetted metal parts (RA-C) reduce seal costs for highly corrosive services, especially on non-metallic pumps.

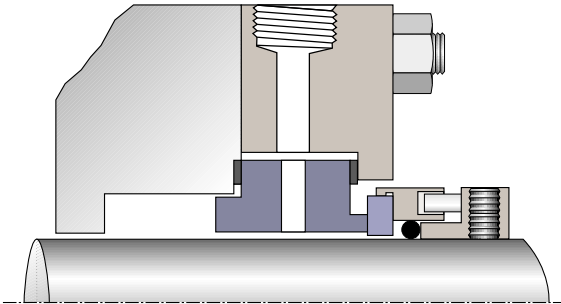
Features/Benefits

- Installs easily on the outside of the stuffing box including plastic, glass, and other non-metallic pumps.
- Seal faces and elastomers are the only wetted components and are readily available in a wide range of materials for proper corrosion resistance and low cost repairs. RA-C uses a ceramic rotor with a protective PTFE shroud.
- 316 Stainless Steel drive collar is non-wetted to avoid the need for expensive alloys in highly corrosive services. Springs and drive pins are isolated from the product.
- Balanced, flexible rotor design ensures proper face loading while compensating for shaft misalignment.
- Double O-ring mounted stator prevents distortion - Various configurations are available to fit different equipment types.
- Optional seal flush enters through stationary seal face.
- Optional protective guard surrounds seal for extra safety.

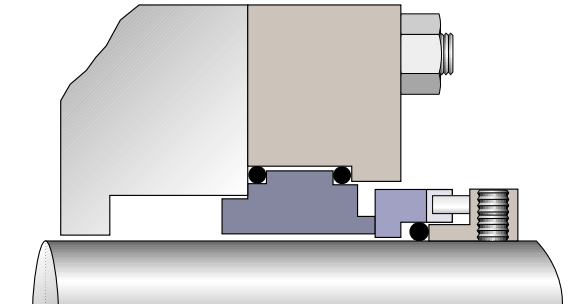
Operating Parameters

- Pressures: Up to 400 psi (27.6 bar)
- Temperatures: Up to 400° F (204° C)
- Shaft Speeds: Up to 4500 fpm (23 m/s)
- Sizes: 0.500" to 5.000" (13mm to 127mm)





RA with Clamped Insert and Integral Flush



RA-C with O-Ring Mounted Insert

Available Materials of Construction

Seal Ring or Inserts	Secondary Seals	Collar
Tungsten Carbide	Fluoroelastomer	304, 316, or 20 Stainless Steel
Silicon Carbide	Buna N	Alloy C-276 or B-2
Ceramic	Ethylene Propylene	XM-19 or 17-7 PH Stainless Steel
Durchrome	Rubber (EPR)	Titanium
Carbon	Perfluoroelastomer	Monel
	Ethylene Propylene	
	Ethylene Propylene Terpolymer (EPT)	
	Neoprene	

Note: For sizes and conditions not listed, contact your local Flowserve Representative.

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