

SERIES 8010

COMPONENT

MECHANICAL SEALS

Sizes: 0.250" to 4.000"
Pressures: To 150 PSI
Speeds: To 2500 FPM
Temp: -40°F to 400°F

Services:

End Suction
 Vertical Inline
 Split Case
 Submersible Sewage

SPRING RETAINER

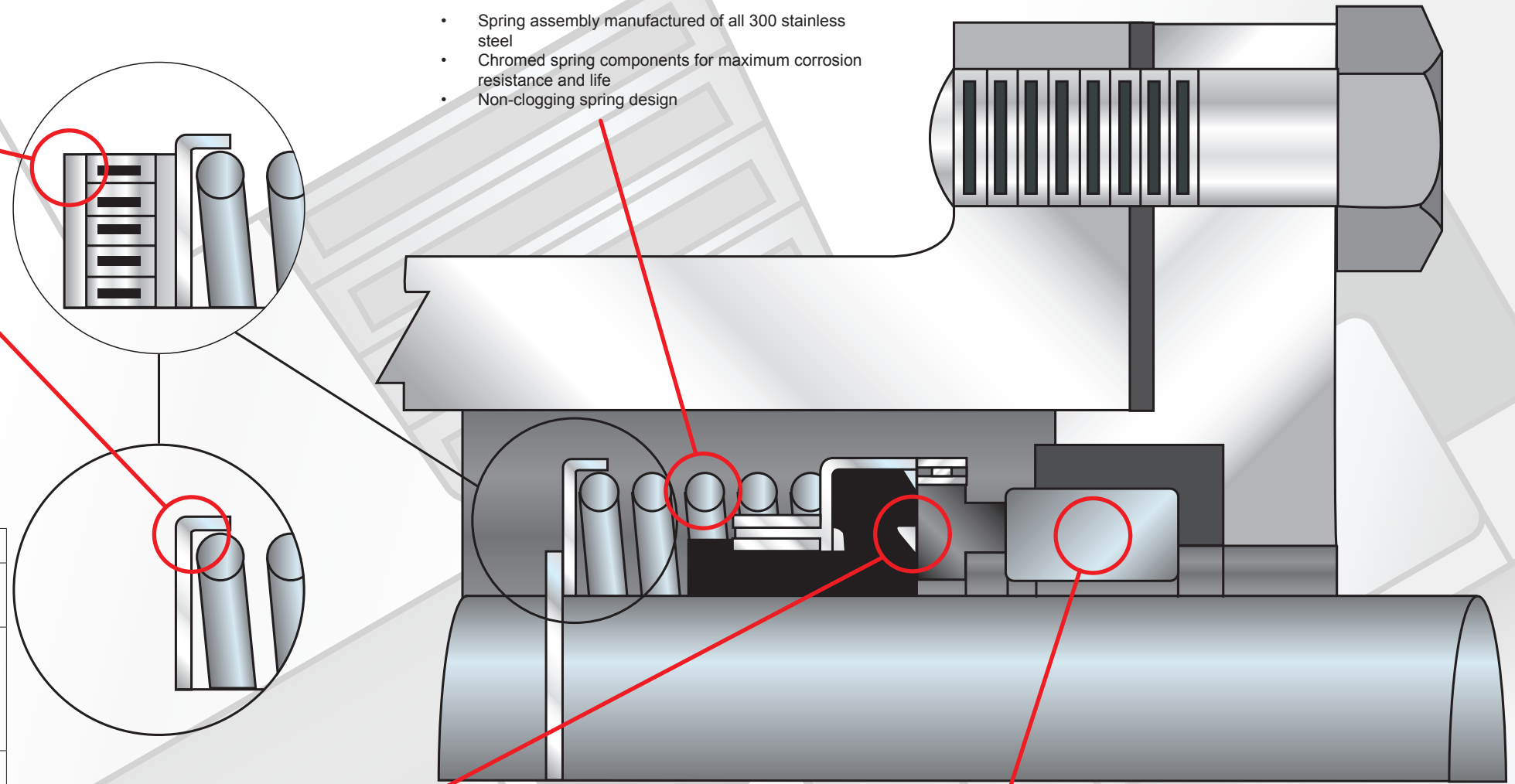
- Options include stepped shoulder, snap ring or seal collar

SEAL HARDWARE

- Spring assembly manufactured of all 300 stainless steel
- Chromed spring components for maximum corrosion resistance and life
- Non-clogging spring design

Elastomer Temperature Limits	
Material	Temperature Limits
Buna-Nitrile	-40°C To 107°C -40°F To 225°F
Fluoro-Elastomer	-29°C To 205°C -20°F To 400°F
Ethylene-Propylene	-45°C To 150°C -49°F To 300°F
Neoprene	-40°C To 100°C -40°F To 212°F

Seal De-Rating (Standard Materials)			
Lubricity of Fluid	Gasoline, Kerosene, Oil Or Better	x 1.00	
	Aqueous, Water, etc.	x 0.75	
Fluid Temperature	Below 79C/175F	x 1.00	
	Above 79°C to 121°C/175°F to 250°F	x 0.90	
	Above 121°C to 177°C/250°F to 350°F	x 0.80	
	Above 177°C/350°F	x 0.65	
Seal Size & Rotational Speedf	Seal Size	1800 RPM	3600 RPM
	0.250 To 1.500	x 1.00	x 1.00
	1.625 To 2.000	x 1.00	x 0.73
	2.125 To 2.500	x 1.00	x 0.53
	2.625 To 3.000	x 1.00	x 0.40
	3.125 To 3.500	x 1.00	x 0.33
3.625 To 4.000	x 1.00	x 0.28	



ROTARY HEAD

- Unique machined primary drive ring
- Wide variety of face material options
- Wide variety of elastomeric options
- Half convulsion bellow for maximum sealing
- Rotary head designed to eliminate overstressing of the elastomer

STATIONARY SEAT

- Cup seat mount for maximum flexibility during installation
- Wide variety of face material options
- Wide variety of elastomeric options