

Durco



Mechanical Seal Applications

Benefits:

SpiralTrac Reduces flush to as low as 8-10 GPH (30 - 37 LPH (Fig. 1), or possible "0" flush (Fig. 2).

SpiralTrac Increases MTBF.

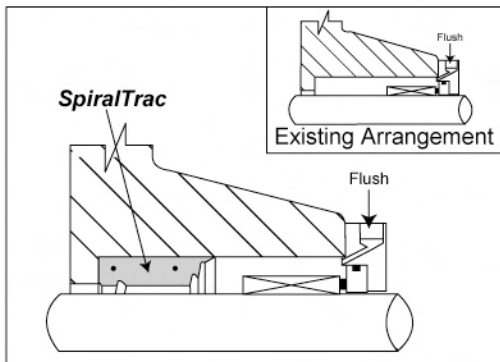
SpiralTrac Reduces shaft or sleeve wear.

SpiralTrac Eliminates seal and cavity erosion.

SpiralTrac Enables seals to operate in applications not possible before.

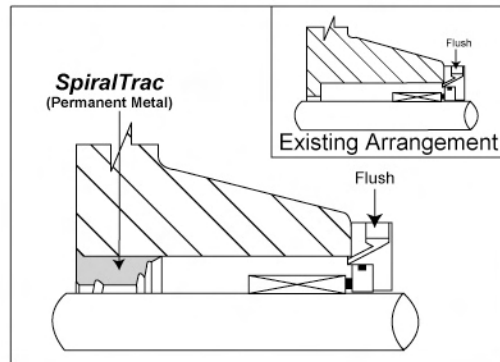
SpiralTrac installed with split mechanical seal. ^{Note 1.}

Fig.1



SpiralTrac installed with split or cartridge mechanical seal. ^{Note 1.}

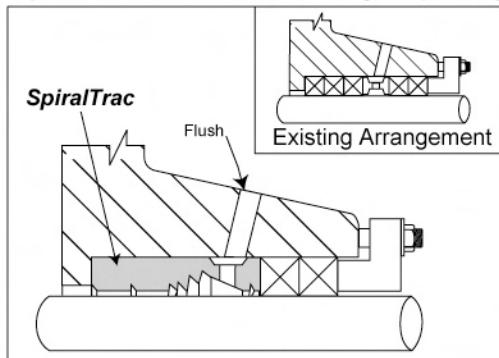
Fig.2



Packing Applications

SpiralTrac installed with two rings of packing. ^{Note 1.}

Fig.3



Benefits:

SpiralTrac Reduces flush required to as low as 8-10 GPH (30 - 37 LPH).

SpiralTrac Increases MTBF.

SpiralTrac Requires less packing .

SpiralTrac Reduces shaft or sleeve wear.

SpiralTrac Enables packing to operate at a controlled drip rate with fewer adjustments.

SpiralTrac Enhanced Environment

Results that will surpass anything you have experienced in the past.

Part numbers for SpiralTracs to be installed in Durco Pumps.

| <u>MKII GRI</u> | <u>MKII GRII</u> | <u>MKII GRIII</u> |
|---|--------------------------|---------------------------|
| <u>Model</u> | <u>Model</u> | <u>Model</u> |
| Reg Bore | Reg Bore | Reg Bore |
| FI1125RS1750(XXX) | FI1875RS2625(XXX) | FI2625RS3625(XXX) |
| NI1125RB1750(XXX) | NI1875RB2625(XXX) | NI2625RB3625(XXX) |
| CI1125RI1998(XXX) | CI1875RI2762(XXX) | CI2625RI3750(XXX) |
| NI1125RI1998(XXX) | NI1875RI2762(XXX) | NI2625RI3750(XXX) |
| DI1125RI1998(XXX) | DI1875RI2762(XXX) | DI2625RI3750(XXX) |
| PI1125RS1750(XXX) 24293 | PI1875RS2625(XXX) 24294 | PI2625RS3625(XXX) 24295 |
| Big Bore | Big Bore | Big Bore |
| FI1125RS2625(XXX) | FI1875RS3625(XXX) | FI2625RS4625(XXX) |
| NI1125RB2625(XXX) | NI1875RB3625(XXX) | NI2625RB4625(XXX) |
| CI1125RI2625(XXX) | CI1875RI3625(XXX) | CI2625RI4625(XXX) |
| NI1125RI2625(XXX) | NI1875RI3625(XXX) | NI2625RI4625(XXX) |
| DI1125RI2625(XXX) | DI1875RI3625(XXX) | DI2625RI4625(XXX) |
| Taper Bore | Taper Bore | Taper Bore |
| CIRI (Contact EnviroSeal) | CI1875RI3982(XXX) | CI2625RI5075(XXX) |
| NIRI (Contact EnviroSeal) | NI1875RI3982(XXX) | NI2625RI5075(XXX) |
| DIRI (Contact EnviroSeal) | DI1875RI3982(XXX) | DI2625RI5075(XXX) |
| <u>MKIII GRI</u> | <u>MKIII GRII</u> | <u>MKIII GRIII</u> |
| <u>Model</u> | <u>Model</u> | <u>Model</u> |
| Reg Bore | Reg Bore | Reg Bore |
| FI1375RS2125(XXX) | FI1875RS2625(XXX) | FI2625RS3625(XXX) |
| NI1375RB2125(XXX) | NI1875RB2625(XXX) | NI2625RB3625(XXX) |
| CI1375RI2250(XXX) | CI1875RI2762(XXX) | CI2625RI3750(XXX) |
| NI1375RI2250(XXX) | NI1875RI2762(XXX) | NI2625RI3750(XXX) |
| DI1375RI2250(XXX) | DI1875RI2762(XXX) | DI2625RI3750(XXX) |
| PI1375RS2125(XXX) 24296 | PI1875RS2625(XXX) 24297 | PI2625RS3625(XXX) 24298 |
| Big Bore | Big Bore | Big Bore |
| FI1375RS2875(XXX) | FI1875RS3625(XXX) | FI2625RS4625(XXX) |
| NI1375RB2875(XXX) | NI1875RB3625(XXX) | NI2625RB4625(XXX) |
| CI1375RI2875(XXX) | CI1875RI3625(XXX) | CI2625RI4625(XXX) |
| NI1375RI2875(XXX) | NI1875RI3625(XXX) | NI2625RI4625(XXX) |
| DI1375RI2875(XXX) | DI1875RI3625(XXX) | DI2625RI4625(XXX) |
| Taper Bore | Taper Bore | Taper Bore |
| CI1375RI3468(XXX) | CI1875RI3982(XXX) | CI2625RI5750(XXX) |
| NI1375RI3468(XXX) | NI1875RI3982(XXX) | NI2625RI5750(XXX) |
| DI1375RI3468(XXX) | DI1875RI3982(XXX) | DI2625RI5750(XXX) |
| (XXX) = Material Code | | |
| Material options are: ESC- Carbon Graphite PTFE BGE-Bearing Grade Material | | |
| 416-416 Stainless Steel 316-316 Stainless Steel BRZ-Bronze | | |

Why use a SpiralTrac™ Environmental Controller in your Pump?

Designed and engineered for your specific applications, SpiralTrac's innovative technologies will help you reduce or eliminate flush, protect mechanical seals and packing, improve equipment reliability, and reduce the high-costs associated with sealing your equipment.

The information contained in this bulletin is accurate at time of print. The purchaser is responsible for ensuring the dimensions, quantity and applications suitability meet end-user requirements. Most products are "manufactured to order"; therefore, EnviroSeal Engineering Products Ltd. retains the right to individually authorize returns based upon the potential for resale of the products within a reasonable period of time.

Questions: Ask your local Distributor or contact EnviroSeal directly.