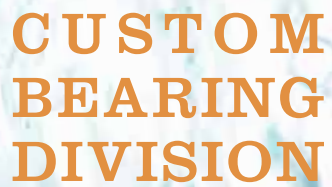




SEALRYT
CORPORATION



**CUSTOM
BEARING
DIVISION**



**PACK RYT
SEALING SYSTEMS**



150 Pleasant Street
Easthampton, MA 01027
413-527-6243 phone
413-527-5846 fax



www.sealryt.com



The Seal Ryt Corporation was founded in 2001 to develop, patent, and manufacture alternative sealing devices. The corporate goal is to grow and benefit by focusing on developing sustainable reliability improvements for specific problem applications as well as to function long term in general rotating equipment. This is done by applying advanced technology, effort, and knowledge to applications, one at a time.

The root cause of most rotating equipment failure is shaft movement. Seal Ryt's patented technology has proven its ability to seal, support shafts, and increase reliability.

Key Features of Pack Ryt Sealing Technology:

Shaft Stabilization

Equipment sealing reliability is derived directly from stabilizing shafts. The Pack Ryt sealing system brings shafts into concentricity and keeps them there, significantly increasing sealing reliability. Return on investment improvements with Pack Ryt sealing systems are realized with both difficult to seal and everyday sealing applications.

Examples of equipment types which present shaft movement that benefit from Pack Ryt sealing technology include:

- Agitators - overhung shaft design
- Vertical Pumps - Long shaft, little support
- Split Case Horizontals - Middle shaft sag
- Large, Slow equipment - Run-out, spiraling leakage as well as any equipment not running at its best efficiency point.

Water Conservation

Water is plentiful outside the plant, quietly expensive inside. Whether the issue is the treatment of wastewater, evaporating water from the process, or water getting into bearings, the use of water must be sharply curtailed to reduce operating costs.

Use of the Pack Ryt sealing system guarantees a substantial reduction of flush water used. Due to very close clearances between bearing and sleeve, water entry to the process is severely throttled. This throttling is inherent and automatic. Unlike conventional sealing bushings, Pack Ryt's do not require flow meters to reduce flow.

Below are typical maximum flow rates experienced on example pumps @ 15 psi differential, little or no leakage to atmosphere, without flow meter adjustment.

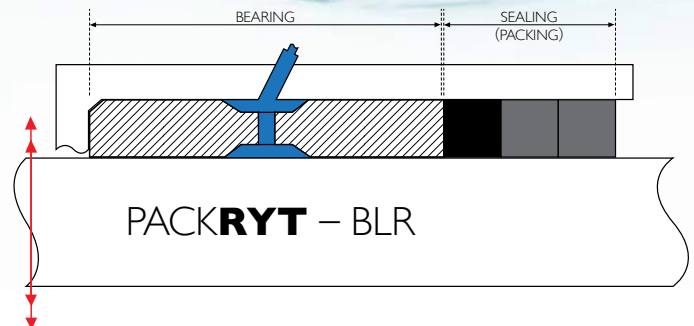
- Goulds 3196MT - 0.147 gpm
- Goulds 3175S - 0.837 gpm
- Ahlstrom 2LRS15/20 - 1.074 gpm
- Goulds 3175L - 1.252 gpm

Energy Conservation

Actual field tests routinely show that, after an approximate 10 -30 minute break in period, the Pack Ryt system draws the same or less amps than a single mechanical seal on the same or identical pump.

PACK RYT BLR

Bearing with integral lantern ring and high quality braided packing for sealing applications where flush media (water, air, etc.) is available to the stuffing box

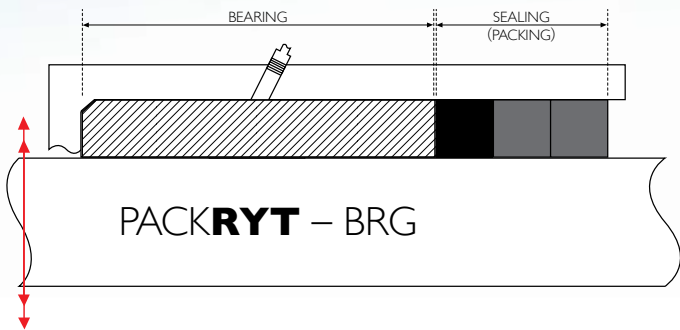


Gland Follower



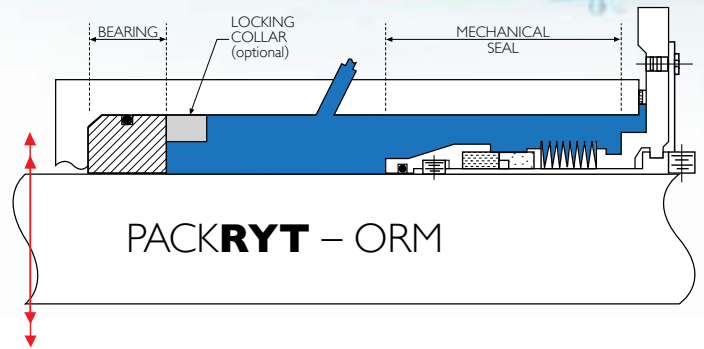
PACK RYT BRG

Bearing and high quality braided packing for applications where flush media is not available to the stuffing box



PACK RYT ORM

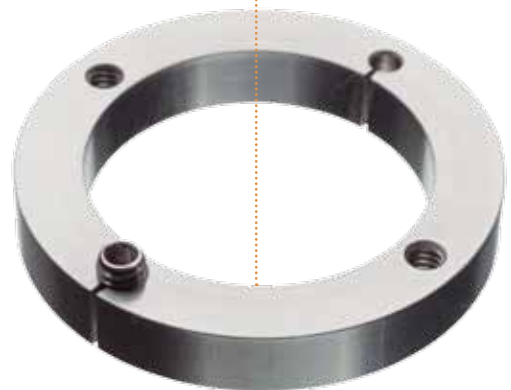
Bearing with O-ring mounted on outside diameter for use with mechanical seals to keep seal face concentric. Optional locking collar available.



Gland Follower



Locking Collar



IMPROVED RELIABILITY

in thousands of

APPLICATIONS WORLDWIDE

PULP & PAPER

Pumps

Thick Stock
Digester Liquor
Evaporator
Condensate
Stock
White Water
Medium Consistency
High Pressure Shower

Agitators

Dissolving Tank
Blow Tank
Stock Chest

Fiberline

Outlet Device
Top Separators
Steaming Vessels
High Pressure Feeders
Low Pressure Feeders
Chip Metering Screws
M&D Digester Equipment

Hydropulpers

WASTE WATER

Pumps

Digester Circulation
Thickened Sludge
Lift Station Vertical
Influent
Shower
Activated Sludge

POWER INDUSTRY

Pumps

Ash Sluice
Condensate
General Service Water
Cooling Water
Circulating Water
River Water

Soot Blowers

MINING INDUSTRY

Pumps

Tails Booster
Autoclave
Crusher
De-watering

FOOD INDUSTRY

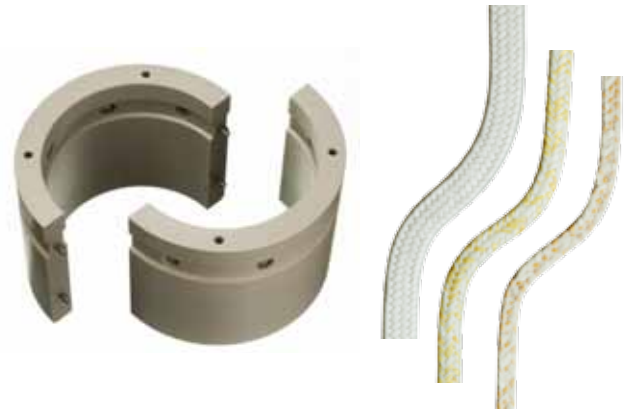
Brewery Mash Cookers
Steam Peelers
Poultry By-products
Pumps
Screw Conveyors

CHEMICAL

Dry Powder Mixers
Slurry Mixer/Agitator
Reactors

PATENTED TECHNOLOGY

*Other exceptional products and custom designs
available from Seal Ryt Corporation*



**SPECIALTY AND FDA/USDA COMPLIANT
BEARING AND TEXTILE MATERIALS AVAILABLE**



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FOLLOWERS**

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EXTREME
RELIABILITY.**

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