

## Screw Conveyor Drive and Rotary Airlock Solution-



# SC-Drive / Pac Series

*“SC-Drive/Pac seals break away from our traditional face mount design and allow for the direct placement into closely confined areas. Perfectly suited for use with- Screw conveyor drives, Rotary airlocks, Gear reducers and Waste-Pac housings”.*

- ▶ *Replaces lipseals in screw conveyor drive adaptor plates for \*Dodge, Linkbelt and Falk Equipment.*
- ▶ *Depending on materials selected for construction, can be installed in temps of -60°F to +550°F.*
- ▶ *Will address minor linear shaft growth and axial run out.*
- ▶ *Custom designs available to perfectly suit your sealing requirements.*
- ▶ *Wear surfaces of seal are replaceable with low cost rebuild kit.*
- ▶ *Air purge 4-6 psig over product or internal pressure of system.*

\*Trademarks are the property of Dodge, Rexnord / Linkbelt, Browning and Falk Equipment.

SC-Drive/Pac Series Seals have been designed to be easily mounted to your conveyor adaptor plate but can accommodate other applications such as rotary airlocks with slight modifications. A direct replacement for existing gland and lip type seals in conveyor drives the SC-Drive/Pac improves seal performance and drastically reduces maintenance costs. Our design currently addresses Linkbelt, Falk, Browning and Dodges Drives.

Just like other DURA-SHIELD products it is recommended that the SC-Drive/Pac Seals are air pressurized to achieve best results. It is not absolutely necessary for a successful application though. To Set up your SC-Drive/Pac seal for air purge operation it is necessary to drill and tap the adapter housing for a standard 1/8" NPT pipe thread. The air passes through housing to seal and is exhausted between wear surfaces. When air is unavailable silicone grease could be used or run dry.

### SC-Drive/Pac Series Technical Data-

- Min. & Max. Operating Temp. / **-60°F to +550°F - HT Option**
- Pressure Holding / **2 psig.**
- Vacuum Holding / **4.08 inhg.**
- Air Purge Connection Start Pressure / **7 - 10 psig.**
- Typical Air loss / **1.5 - 2.0 SCFM**
- Torque setting for seal mounting / **N/A**
- Maximum Shaft Run Out / **1/16" TIR.**
- Stuffing Box Misalignment / **.005 TIR per inch of shaft**
- Shaft Growth / **+/- 1/32"**
- Shaft Tolerance / **+/- 1/32"**
- Max. Out of Square Mounting Deviation / **1°**
- Field Repairable / **YES**
- Food Service / **YES**
- Chemical Resistant Materials Available / **YES**
- High Temperature Versions Available / **YES**
- Custom Designs Available / **YES**
- Standard Housing Material / **Anodized Aluminum**
- Standard Stainless Steel Type / **304SS**
- Standard Elastomer Type / **Silicone**
- Standard Seal Thickness / **1.00"**
- Minimum Available Seal Thickness / **.75"**
- Maximum Shaft Speed / **SC-Drive/Pac seals** offer similar max shaft speed capabilities as the SD-Series DURA-SHIELD Engineered Seals. For more assistance in determining if the SC-Drive/Pac seals will address your max shaft speed requirement. Please contact a DURA-SHIELD applications expert at: Toll Free: 1-(877)-243-732

<p style="text-align: center;"><b>FALK SIZE</b></p> <p>4107 4215 4415 4115 4307 4507 4203 4315 4608 4207 4407</p>	 <p style="text-align: right;"><b>FALK</b></p>
<p style="text-align: center;"><b>REXNORD LINKBELT SIZE</b></p> <p>107 115 203 207 215 307 315 407</p>	 <p style="text-align: right;"><b>REXNORD</b></p>
<p style="text-align: center;"><b>DODGE SIZE</b></p> <p>SCXT105 / 109-125 SCXT205 / 209-225 SCXT305 / 309-325 SCXT405 / 409-425 SCXT505 / 509-525 SCXT605 / 609-625 SCXT705 / 709-725</p>	 <p style="text-align: right;"><b>DODGE</b></p>
<p style="text-align: center;"><b>BROWNING</b></p> <p>107 115 203 207 215</p>	 <p style="text-align: right;"><b>Browning</b></p>

AGD will cross reference your part number for proper seal configuration



DISTRIBUTED BY:

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