

# DATA INQUIRY FORM

PLEASE MAKE COPIES AND FAX TO: 847.537.0788  
OR EMAIL TO: SEAL.INFO@REXNORD.COM

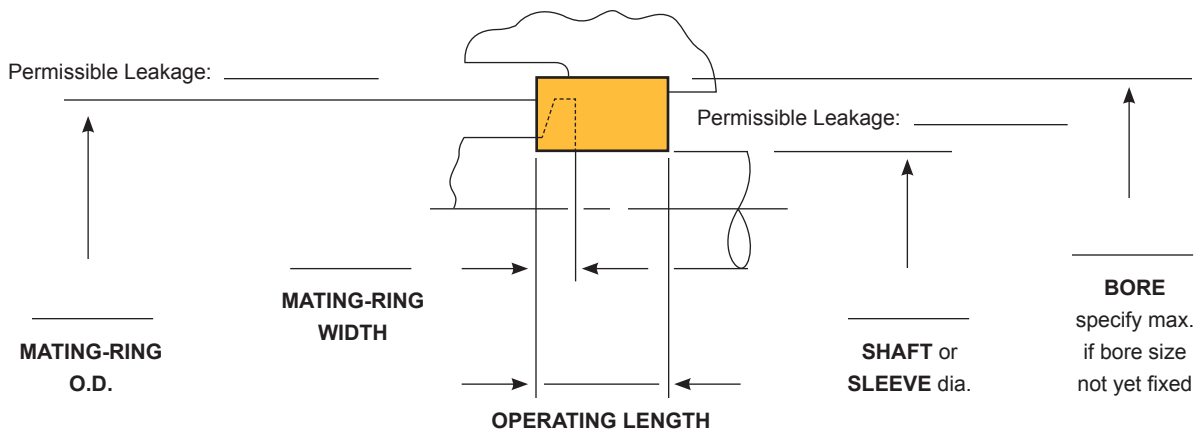


Company:	Tel:	Fax:
Address:		
City:	State:	Zip:
Engineer:	E-mail:	
Buyer:	E-mail:	

Application:	Estimated Annual Product Usage:
<input type="checkbox"/> In Preliminary Design <input type="checkbox"/> In Production <input type="checkbox"/> In Development	Quote These Qtys: 10 25 50 100 250 500 1000 2500 ____

**Specifications:**

Sealing Medium: _____	Sealing Medium: _____
Temperature: _____ F min. _____ F max.	Temperature: _____ F min. _____ F max.
Pressure: _____ psi min. _____ psi max.	Pressure: _____ psi min. _____ psi max.
Shaft Speed: _____ rpm	



Check box if this length is to include mating ring

**NOTE:** Please include a layout or sketch of the area around the seal. Indicate changes that will be permitted to incorporate a tooled design. Describe any special conditions or requirements such as axial movement, wobble, runout, pressure surges, intended seal life, etc. Always remember to specify shaft and housing material.

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Rexnord Sales Engineer \_\_\_\_\_ Date: \_\_\_\_\_

1.847.537.8100  
www.aerospace.rexnord.com  
seal.info@rexnord.com



## COMMONLY USED MATERIAL SPECIFICATIONS

ELASTOMERS (POLYMER)	AMS	MIL-
Ethylene Propylene (EPOM)	3249	
	R-83285	
Fluorocarbon (FKM)	7276	
Fluorosilicone (FVMQ)	3325	R-25988
	3326	
	3327	
Neoprene (CR)	3209	
Nitrile (NBR)		P-83461
Viton glt	R-83285	

ALUMINUM	AMS
2024-T351	4119
6061-T4	4116
6061-T6	4117

STAINLESS STEEL (ALLOYS)	AMS
A286	5737
INCONEL-718	5662
INCONEL-625	5666
M2	
M50	6490
17-4PH	5643
17-7PH	5529
301 SST	5519
302 SST	5516
303 SST	5640
304 SST	5513
316 SST	5524
316 SST	5648
347 SST	5646
410 SST	5613
416 SST	5610
431 SST	5628
440 C SST	5630

ALLOY STEELS	AMS
NITRALLOY	6470
4130	6350
4140	6382
4340	6415
52100	6440

## COMMONLY USED INSPECTION AND PROCESS SPECIFICATIONS

Quality Control Inspection System	NSI/ASQC Z1.4
Surface Texture	ASME B46.1
Dimensioning and Tolerancing	ASME Y14.5M
Magnetic Particle Inspection	ASTM-E-1444
Fluorescent Penetrant Inspection	ASTM-E-1417
Anodize	MIL-A-8625
	AMS 2468
Heat Treat	AMS 2759
Hard Chrome Plate	AMS 2406

**NADCAP Accreditation for:**  
Teflon Coating  
Welding

## PLEASE SEND US YOUR INQUIRY

Rexnord welcomes your inquiry. Please make a copy of the Data Inquiry Form, fill it out as completely as possible, and send it to us along with a sketch of the area where the seal is to be installed. We will respond promptly with a proposal drawing and a quotation.

To assist you in completing the Data Inquiry Form, we have prepared the checklist below. If you require any assistance or if there is any way in which we can be of service to you, please contact us by phone or fax. The numbers are listed on the form. We are here to help you produce the finest product possible.

- SEAL LIFE**  
What are the minimum operating hours required between overhaul of the equipment? Are there any special storage life requirements?
- LEAKAGE**  
All seals leak a minute amount of liquid, gas or vapor. Realistically, what is the *maximum* leakage that can be tolerated for your application?
- LUBRICATION AND COOLING**  
What method is employed to provide the seal interface with sufficient lubrication? What is the grade of the lubricant? Please list any applicable AMS or MIL specifications.
- TORQUE**  
Is the torque or power loss consumed by the seal a critical factor? Is the shaft employed significantly larger than actually required by the horsepower transmitted? If so, special analysis is necessary.
- DISTORTION**  
Has adequate attention been paid to prevent distortion or misalignment of the seal in installation? Mating rings are frequently warped by excessive clamping or damaged from burrs or dirt particles on the clamping surfaces. Also, the clamping surfaces must be properly finished to assure uniform loading.

### WARRANTY

We warrant that the sealing devices covered hereby will be free from defects in workmanship and material and will conform to those samples approved by the Purchaser in connection with acceptance tests. **Any performance specifications established by purchaser or us shall be considered only as design criteria, and not as warranties.** Claim for breach of the above warranty must be made within thirty (30) days from the date of delivery to the Original User. Upon satisfactory proof of claim, we will, within a reasonable time, make any necessary repairs or corrections, or at our option, replace defective parts free of charge. Charges for correcting defects will not be allowed, nor will we accept products returned for credit unless the return or correction is authorized by us in writing. **The foregoing is in lieu of all other warranties, express or implied, including any warranties or merchantability for fitness for a particular purpose.** This warranty statement sets forth the extent of our liability for breach of any warranty or deficiency in connection with the sale or use of the sealing devices. It is understood that we will not be liable for consequential damages of any nature, including but not limited to, loss of profit, delays or expense, whether based on tort or contract.

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