

- Category**
- Wear Ring, Rod or Piston
- Construction**
- Precision ground mineral filled nylon
- Housing**
- Rectangular groove in multipart gland or piston
- Features**
- High performance, dimensionally stable, moulded then ground, reinforced nylon construction
- Comments**
- Ideal for use as a bearing in the same groove as a seal or packing
- Manufacturer**
- Dynamic Seals
- Size Range**
- Imperial

**Metric Specifications**

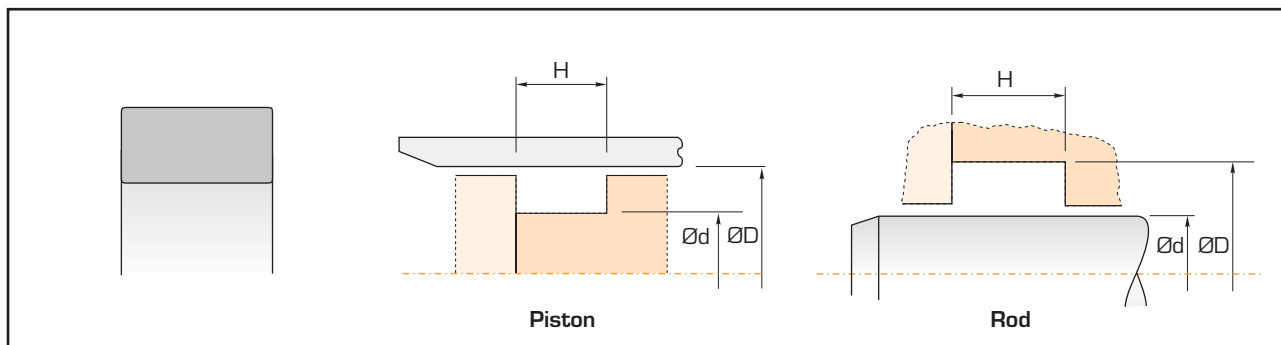
<b>Operating Conditions</b>	Maximum Speed:	5.0 m/sec
	Temperature Range:	-40°C ~ 120°C
<b>Surface Finish</b>	Dynamic Sealing Face:	0.4 µmRa
	Static Sealing Face:	3.2 µmRa max
<b>Compression Strength at Yield</b>	250 MN/m <sup>2</sup>	

**Imperial Specifications**

<b>Operating Conditions</b>	Maximum Speed:	15.0 ft/sec
	Temperature Range:	-40°F ~ 250°F
<b>Surface Finish</b>	Dynamic Sealing Face:	16 µinCLA
	Static Sealing Face:	125 µinCLA max
<b>Compression Strength at Yield</b>	36 500 psi	

**Extrusion Gap (Diametral)**

- Where a seal is used with a wear ring, the extrusion gap for the wear ring is determined by the extrusion gap required by the seal. The use of seals with antiextrusion devices allows larger metal to metal clearances.
- Where no seal is used, extrusion gaps not less than 1mm (0.040") diametral and not exceeding 30% of the wear ring cross section should prove adequate.



## Imperial Sizes

Part No.	ØD	Ød	H
<i>Rod</i>	<i>+0.004 -0</i>	<i>f9</i>	<i>+0.005 -0</i>
<i>Piston</i>	<i>H11</i>	<i>+0 -0.004</i>	<i>+0.005 -0</i>
BR1250-125-1250	1.250	1.000	1.260
BR1250-125-2500	1.250	1.000	2.510
BR1500-250-1250	1.500	1.000	1.260
BR1750-250-750	1.750	1.250	0.760
BR1750-250-1000	1.750	1.250	1.010
BR2000-250-750	2.000	1.500	0.760
BR2125-187-750	2.125	1.750	0.760
BR2250-250-750	2.250	1.750	0.760
BR2250-250-1000	2.250	1.750	1.010
BR2250-187-1000	2.250	1.875	1.010
BR2375-187-875	2.375	2.000	0.885
BR2500-250-750	2.500	2.000	0.760
BR2500-250-1000	2.500	2.000	1.010
BR2625-250-1000	2.625	2.125	1.010
BR2750-250-750	2.750	2.250	0.760
BR2750-250-1000	2.750	2.250	1.010
BR2875-250-1000	2.875	2.375	1.010
BR3000-250-625	3.000	2.500	0.635
BR3000-250-750	3.000	2.500	0.760
BR3000-250-1000	3.000	2.500	1.010
BR3000-250-1500	3.000	2.500	1.510
BR3000-250-1750	3.000	2.500	1.760
BR3000-250-2500	3.000	2.500	2.510
BR3250-250-1000	3.250	2.750	1.010
BR3375-312-1000	3.375	2.750	1.010
BR3500-250-750	3.500	3.000	0.760
BR3500-250-1000	3.500	3.000	1.010
BR3500-250-1500	3.500	3.000	1.510
BR3500-187-750	3.500	3.125	0.760
BR4250-250-1000	4.250	3.750	1.010
BR4375-312-1000	4.375	3.750	1.010
BR4500-250-750	4.500	4.000	0.760
BR4500-250-937	4.500	4.000	0.947
BR4500-250-1000	4.500	4.000	1.010

## Imperial Sizes (cont'd)

Part No.	ØD	Ød	H
BR5250-250-1000	5.250	4.750	1.010
BR5375-312-1000	5.375	4.750	1.010
BR5500-250-750	5.500	5.000	0.760
BR5500-250-937	5.500	5.000	0.947
BR5500-250-1000	5.500	5.000	1.010
BR6250-250-1000	6.250	5.750	1.010
BR6375-312-1000	6.375	5.750	1.010
BR6500-250-750	6.500	6.000	0.760
BR6500-250-937	6.500	6.000	0.947
BR6500-250-1000	6.500	6.000	1.010
BR7250-250-1000	7.250	6.750	1.010
BR7375-312-1000	7.375	6.750	1.010
BR7500-250-750	7.500	7.000	0.760
BR7500-250-1000	7.500	7.000	1.010
BR8500-250-750	8.500	8.000	0.760
BR8500-250-1000	8.500	8.000	1.010
BR8500-250-1500	8.500	8.000	1.510