

**Category**

- Wear Ring, Rod or Piston

**Construction**

- Injection moulded Polyacetal

**Housing**

- Rectangular groove in one piece gland or piston

**Features**

- High performance, dimensionally stable, injection moulded, thermoplastic construction
- Split for easy installation

**Comments**

- Efficiently eliminate metal on metal contact between sliding surfaces to increase cylinder life and reduce overall costs
- Use multiple wear rings in one groove to increase bearing area

**Size Range**

- European metric

**Metric Specifications**

**Operating Conditions**

Maximum Speed:	5.0 m/sec
Temperature Range:	-40°C ~ 110°C

**Surface Finish**

Dynamic Sealing Face:	0.1 ~ 0.4 µmRa
Static Sealing Face:	3.2 µmRa max

**Imperial Specifications**

**Operating Conditions**

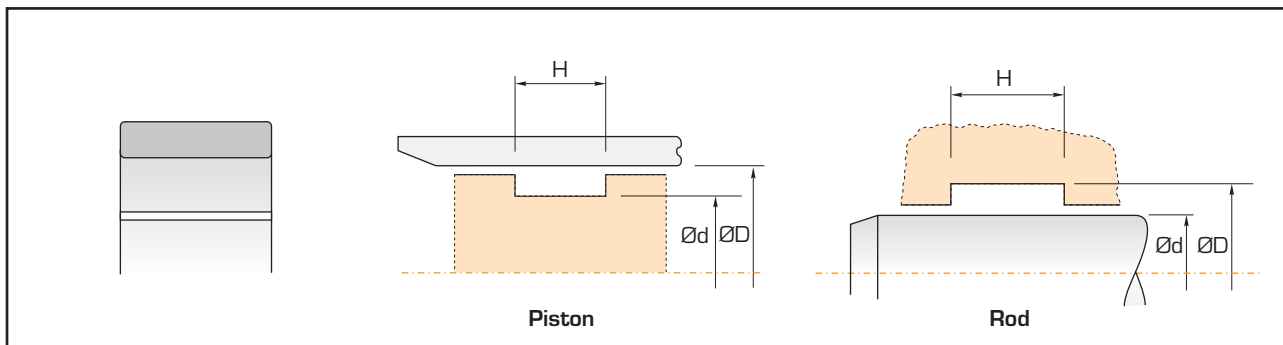
Maximum Speed:	15.0 ft/sec
Temperature Range:	-40°F ~ 230°F

**Surface Finish**

Dynamic Sealing Face:	4 ~ 16 µinCLA
Static Sealing Face:	125 µinCLA max

**Extrusion Gap (Diametral)**

- Where a seal is used with a wear ring the extrusion gap 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 0.040" diametral and not exceeding 30% of the wear ring cross section should prove adequate.



### Metric Sizes

Part No.	ØD	Ød	H
<i>Tolerances</i>	<i>H11</i>	<i>h10</i>	<i>+0.10 -0</i>
WRM3530-5.6	35.00	30.00	5.60
WRM3530-9.7	35.00	30.00	9.70
WRM4035-5.6	40.00	35.00	5.60
WRM4035-9.7	40.00	35.00	9.70
WRM4440-9.6	44.00	40.00	9.60
WRM4540-5.6	45.00	40.00	5.60
WRM4540-9.7	45.00	40.00	9.70
WRM4640-9.6	46.00	40.00	9.60
WRM4640-12.8	46.00	40.00	12.80
WRM5044-9.6	50.00	44.00	9.60
WRM5045-5.6	50.00	45.00	5.60
WRM5045-9.7	50.00	45.00	9.70
WRM5145-9.6	51.00	45.00	9.60
WRM5246-9.6	52.00	46.00	9.60
WRM5549-12.8	55.00	49.00	12.80
WRM5550-5.6	55.00	50.00	5.60
WRM5550-9.7	55.00	50.00	9.70
WRM5650-9.6	56.00	50.00	9.60
WRM5650-12.8	56.00	50.00	12.80
WRM5751-9.6	57.00	51.00	9.60
WRM5751-12.8	57.00	51.00	12.80
WRM6054-12.8	60.00	54.00	12.80
WRM6055-5.6	60.00	55.00	5.60
WRM6055-9.7	60.00	55.00	9.70
WRM6155-9.6	61.00	55.00	9.60
WRM6357-12.8	63.00	57.00	12.80
WRM6358-5.6	63.00	58.00	5.60
WRM6358-9.7	63.00	58.00	9.70
WRM6559-12.8	65.00	59.00	12.80
WRM6560-5.6	65.00	60.00	5.60
WRM6560-9.7	65.00	60.00	9.70
WRM6660-12.8	66.00	60.00	12.80
WRM6863-5.6	68.00	63.00	5.60
WRM6863-9.7	68.00	63.00	9.70
WRM6963-12.8	69.00	63.00	12.80

### Metric Sizes (cont'd)

Part No.	ØD	Ød	H
WRM7062-9.6	70.00	62.00	9.60
WRM7064-12.8	70.00	64.00	12.80
WRM7065-5.6	70.00	65.00	5.60
WRM7065-9.7	70.00	65.00	9.70
WRM7569-12.8	75.00	69.00	12.80
WRM7570-5.6	75.00	70.00	5.60
WRM7570-9.7	75.00	70.00	9.70
WRM7670-12.8	76.00	70.00	12.80
WRM8074-9.6	80.00	74.00	9.60
WRM8074-12.8	80.00	74.00	12.80
WRM8075-5.6	80.00	75.00	5.60
WRM8075-9.7	80.00	75.00	9.70
WRM8175-12.8	81.00	75.00	12.80
WRM8580-5.6	85.00	80.00	5.60
WRM8580-9.7	85.00	80.00	9.70
WRM8680-12.8	86.00	80.00	12.80
WRM8882-12.8	88.00	82.00	12.80
WRM8983-12.8	89.00	83.00	12.80
WRM9084-12.8	90.00	84.00	12.80
WRM9085-5.6	90.00	85.00	5.60
WRM9085-9.7	90.00	85.00	9.70
WRM9589-9.6	95.00	89.00	9.60
WRM9590-5.6	95.00	90.00	5.60
WRM9590-9.7	95.00	90.00	9.70
WRM9690-12.8	96.00	90.00	12.80
WRM10094-12.8	100.00	94.00	12.80
WRM10095-5.6	100.00	95.00	5.60
WRM10095-9.7	100.00	95.00	9.70
WRM105100-5.6	105.00	100.00	5.60
WRM105100-9.7	105.00	100.00	9.70
WRM106100-12.8	106.00	100.00	12.80
WRM110104-12.8	110.00	104.00	12.80
WRM115109-12.8	115.00	109.00	12.80
WRM115110-5.6	115.00	110.00	5.60
WRM116110-12.8	116.00	110.00	12.80
WRM120114-12.8	120.00	114.00	12.80

### Metric Sizes (cont'd)

Part No.	ØD	Ød	H
WRM125119-12.8	125.00	119.00	12.80
WRM125120-5.6	125.00	120.00	5.60
WRM125120-9.7	125.00	120.00	9.70
WRM126120-12.8	126.00	120.00	12.80
WRM130124-12.8	130.00	124.00	12.80
WRM131125-12.8	131.00	125.00	12.80
WRM136130-12.8	136.00	130.00	12.80
WRM140134-12.8	140.00	134.00	12.80
WRM146140-12.8	146.00	140.00	12.80
WRM150144-12.8	150.00	144.00	12.80
WRM156150-12.8	156.00	150.00	12.80
WRM160154-19.2	160.00	154.00	19.20
WRM180172-9.6	180.00	172.00	9.60
WRM180174-19.2	180.00	174.00	19.20
WRM190182-9.7	190.00	182.00	9.70
WRM200194-19.2	200.00	194.00	19.20
WRM210205-9.7	210.00	205.00	9.70
WRM220214-19.2	220.00	214.00	19.20
WRM225217-9.7	225.00	217.00	9.70
WRM240234-19.2	240.00	234.00	19.20
WRM250244-19.2	250.00	244.00	19.20
WRM280274-19.2	280.00	274.00	19.20
WRM300292-9.7	300.00	292.00	9.70
WRM300294-19.2	300.00	294.00	19.20
WRM320312-9.7	320.00	312.00	9.70

Contact Transeals for additional sizes