

Category

- Wear Ring, Rod or Piston

Construction

- Machined phenolic resin

Housing

- Rectangular groove in one piece gland or piston

Features

- High performance, dimensionally stable, phenolic resin construction
- Broad temperature range
- Split for easy installation

Comments

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

Size Range

- Asian metric

Metric Specifications

Operating Conditions

Maximum Speed:	5.0 m/sec
Temperature Range:	-40°C ~ 120°C

Surface Finish

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

Imperial Specifications

Operating Conditions

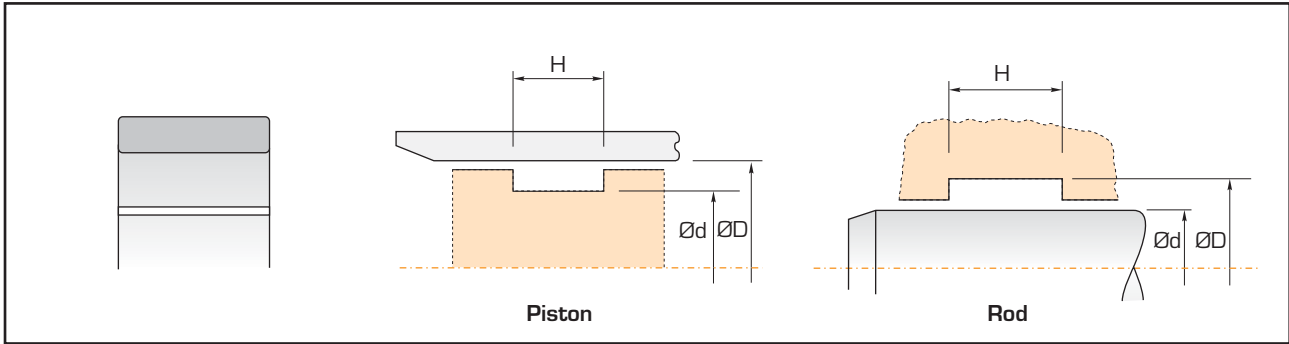
Maximum Speed:	15.0 ft/sec
Temperature Range:	-40°F ~ 250°F

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 1.0mm diametral and not exceeding 30% of the wear ring cross section should prove adequate.

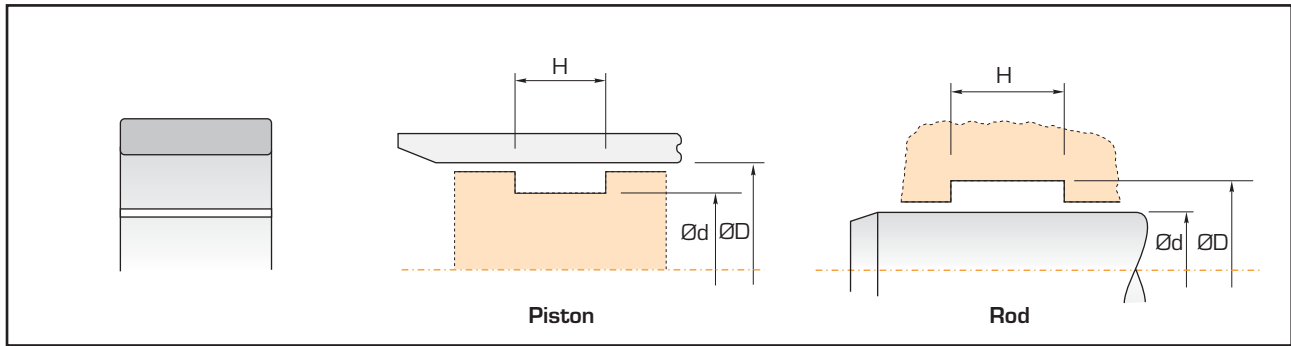


Metric Sizes

Part No.	ØD	Ød	H
<i>Tolerances</i>	<i>H11</i>	<i>h10</i>	<i>+0.10 -0</i>
WRM3026-8-P	30.00	26.00	8.00
WRM3531-8-P	35.00	31.00	8.00
WRM4035-10-P	40.00	35.00	10.00
WRM4540-15-P	45.00	40.00	15.00
WRM4540-20-P	45.00	40.00	20.00
WRM4541-20-P	45.00	41.00	20.00
WRM5044-15-P	50.00	44.00	15.00
WRM5045-15-P	50.00	45.00	15.00
WRM5045-20-P	50.00	45.00	20.00
WRM5046-15-P	50.00	46.00	15.00
WRM5550-15-P	55.00	50.00	15.00
WRM5550-20-P	55.00	50.00	20.00
WRM6054-8-P	60.00	54.00	8.00
WRM6054-15-P	60.00	54.00	15.00
WRM6055-15-P	60.00	55.00	15.00
WRM6356-20-P	63.00	56.00	20.00
WRM6358-20-P	63.00	58.00	20.00
WRM6559-20-P	65.00	59.00	20.00
WRM6560-15-P	65.00	60.00	15.00
WRM6560-20-P	65.00	60.00	20.00
WRM7064-10-P	70.00	64.00	10.00
WRM7064-15-P	70.00	64.00	15.00
WRM7064-20-P	70.00	64.00	20.00
WRM7065-10-P	70.00	65.00	10.00
WRM7065-15-P	70.00	65.00	15.00
WRM7065-20-P	70.00	65.00	20.00
WRM7166-20-P	71.00	66.00	20.00
WRM7569-10-P	75.00	69.00	10.00
WRM7569-20-P	75.00	69.00	20.00
WRM7570-6-P	75.00	70.00	6.00
WRM7570-15-P	75.00	70.00	15.00
WRM7570-20-P	75.00	70.00	20.00
WRM8074-10-P	80.00	74.00	10.00
WRM8074-20-P	80.00	74.00	20.00
WRM8074-25-P	80.00	74.00	25.00

Metric Sizes (cont'd)

Part No.	ØD	Ød	H
WRM8075-6-P	80.00	75.00	6.00
WRM8075-10-P	80.00	75.00	10.00
WRM8075-20-P	80.00	75.00	20.00
WRM8075-25-P	80.00	75.00	25.00
WRM8579-15-P	85.00	79.00	15.00
WRM8579-20-P	85.00	79.00	20.00
WRM8580-6-P	85.00	80.00	6.00
WRM8580-15-P	85.00	80.00	15.00
WRM8580-20-P	85.00	80.00	20.00
WRM9084-20-P	90.00	84.00	20.00
WRM9084-25-P	90.00	84.00	25.00
WRM9084-30-P	90.00	84.00	30.00
WRM9085-6-P	90.00	85.00	6.00
WRM9085-15-P	90.00	85.00	15.00
WRM9587-6-P	95.00	87.00	6.00
WRM9589-20-P	95.00	89.00	20.00
WRM9590-6-P	95.00	90.00	6.00
WRM9590-15-P	95.00	90.00	15.00
WRM10092-6-P	100.00	92.00	6.00
WRM10092-15-P	100.00	92.00	15.00
WRM10092-30-P	100.00	92.00	30.00
WRM10094-15-P	100.00	94.00	15.00
WRM10094-20-P	100.00	94.00	20.00
WRM10094-25-P	100.00	94.00	25.00
WRM10094-30-P	100.00	94.00	30.00
WRM10095-6-P	100.00	95.00	6.00
WRM10095-15-P	100.00	95.00	15.00
WRM10597-6-P	105.00	97.00	6.00
WRM105100-6-P	105.00	100.00	6.00
WRM105100-8-P	105.00	100.00	8.00
WRM110102-6-P	110.00	102.00	6.00
WRM110102-8-P	110.00	102.00	8.00
WRM110102-15-P	110.00	102.00	15.00
WRM110102-30-P	110.00	102.00	30.00
WRM110104-15-P	110.00	104.00	15.00
WRM110104-25-P	110.00	104.00	25.00

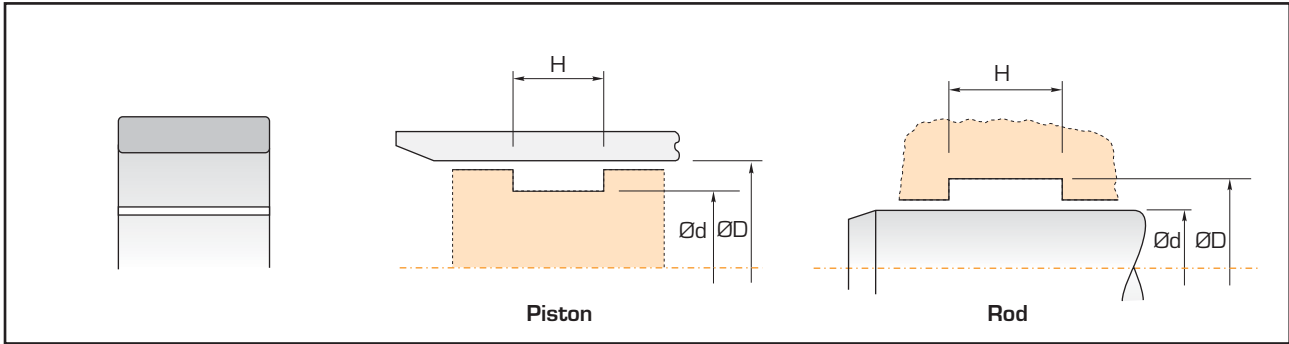


Metric Sizes (cont'd)

Part No.	ØD	Ød	H
<i>Tolerances</i>	<i>H11</i>	<i>h10</i>	<i>+0.10 -0</i>
WRM110104-30-P	110.00	104.00	30.00
WRM110105-6-P	110.00	105.00	6.00
WRM110105-8-P	110.00	105.00	8.00
WRM110105-15-P	110.00	105.00	15.00
WRM115107-6-P	115.00	107.00	6.00
WRM115107-8-P	115.00	107.00	8.00
WRM115110-6-P	115.00	110.00	6.00
WRM115110-8-P	115.00	110.00	8.00
WRM115110-15-P	115.00	110.00	15.00
WRM115110-30-P	115.00	110.00	30.00
WRM120112-6-P	120.00	112.00	6.00
WRM120112-8-P	120.00	112.00	8.00
WRM120112-15-P	120.00	112.00	15.00
WRM120112-30-P	120.00	112.00	30.00
WRM120114-15-P	120.00	114.00	15.00
WRM120114-30-P	120.00	114.00	30.00
WRM120115-6-P	120.00	115.00	6.00
WRM120115-8-P	120.00	115.00	8.00
WRM120115-15-P	120.00	115.00	15.00
WRM125117-6-P	125.00	117.00	6.00
WRM125117-8-P	125.00	117.00	8.00
WRM125118-10-P	125.00	118.00	10.00
WRM125118-15-P	125.00	118.00	15.00
WRM125119-15-P	125.00	119.00	15.00
WRM125119-25-P	125.00	119.00	25.00
WRM125120-8-P	125.00	120.00	8.00
WRM125120-15-P	125.00	120.00	15.00
WRM125120-25-P	125.00	120.00	25.00
WRM126120-35-P	126.00	120.00	35.00
WRM130122-6-P	130.00	122.00	6.00
WRM130122-8-P	130.00	122.00	8.00
WRM130122-15-P	130.00	122.00	15.00
WRM130123-15-P	130.00	123.00	15.00
WRM130123-30-P	130.00	123.00	30.00
WRM130125-15-P	130.00	125.00	15.00

Metric Sizes (cont'd)

Part No.	ØD	Ød	H
WRM130125-20-P	130.00	125.00	20.00
WRM130125-40-P	130.00	125.00	40.00
WRM135127-6-P	135.00	127.00	6.00
WRM135127-8-P	135.00	127.00	8.00
WRM135128-10-P	135.00	128.00	10.00
WRM135128-15-P	135.00	128.00	15.00
WRM135128-20-P	135.00	128.00	20.00
WRM135130-8-P	135.00	130.00	8.00
WRM135130-15-P	135.00	130.00	15.00
WRM135130-25-P	135.00	130.00	25.00
WRM140132-8-P	140.00	132.00	8.00
WRM140133-20-P	140.00	133.00	20.00
WRM140133-25-P	140.00	133.00	25.00
WRM140133-35-P	140.00	133.00	35.00
WRM140133-40-P	140.00	133.00	40.00
WRM140133-45-P	140.00	133.00	45.00
WRM140135-8-P	140.00	135.00	8.00
WRM140135-15-P	140.00	135.00	15.00
WRM145138-10-P	145.00	138.00	10.00
WRM145138-15-P	145.00	138.00	15.00
WRM145140-8-P	145.00	140.00	8.00
WRM145140-15-P	145.00	140.00	15.00
WRM145140-25-P	145.00	140.00	25.00
WRM145140-30-P	145.00	140.00	30.00
WRM145140-40-P	145.00	140.00	40.00
WRM150142-8-P	150.00	142.00	8.00
WRM150143-15-P	150.00	143.00	15.00
WRM150143-20-P	150.00	143.00	20.00
WRM150143-35-P	150.00	143.00	35.00
WRM150143-40-P	150.00	143.00	40.00
WRM150143-45-P	150.00	143.00	45.00
WRM150145-8-P	150.00	145.00	8.00
WRM155150-15-P	155.00	150.00	15.00
WRM160153-15-P	160.00	153.00	15.00
WRM160153-20-P	160.00	153.00	20.00
WRM160153-40-P	160.00	153.00	40.00



Metric Sizes (cont'd)

Part No.	ØD	Ød	H
<i>Tolerances</i>	<i>H11</i>	<i>h10</i>	<i>+0.10 -0</i>
WRM160153-45-P	160.00	153.00	45.00
WRM160155-15-P	160.00	155.00	15.00
WRM165157-15-P	165.00	157.00	15.00
WRM165158-20-P	165.00	158.00	20.00
WRM165158-30-P	165.00	158.00	30.00
WRM170162-15-P	170.00	162.00	15.00
WRM170162-25-P	170.00	162.00	25.00
WRM170162-45-P	170.00	162.00	45.00
WRM170162-50-P	170.00	162.00	50.00
WRM170165-15-P	170.00	165.00	15.00
WRM180172-15-P	180.00	172.00	15.00
WRM180172-20-P	180.00	172.00	20.00
WRM180172-45-P	180.00	172.00	45.00
WRM180175-15-P	180.00	175.00	15.00
WRM180175-30-P	180.00	175.00	30.00
WRM185180-15-P	185.00	180.00	15.00
WRM185180-25-P	185.00	180.00	25.00
WRM190182-25-P	190.00	182.00	25.00
WRM190182-50-P	190.00	182.00	50.00
WRM190185-15-P	190.00	185.00	15.00
WRM195188-90-P	195.00	188.00	90.00
WRM195190-15-P	195.00	190.00	15.00
WRM195190-25-P	195.00	190.00	25.00
WRM200192-15-P	200.00	192.00	15.00
WRM200192-45-P	200.00	192.00	45.00
WRM200192-90-P	200.00	192.00	90.00
WRM200195-20-P	200.00	195.00	20.00
WRM215207-50-P	215.00	207.00	50.00
WRM225217-25-P	225.00	217.00	25.00
WRM225217-50-P	225.00	217.00	50.00
WRM225220-20-P	225.00	220.00	20.00
WRM230222-50-P	230.00	222.00	50.00
WRM250242-55-P	250.00	242.00	55.00
WRM260252-40-P	260.00	252.00	40.00
WRM260252-60-P	260.00	252.00	60.00

Metric Sizes (cont'd)

Part No.	ØD	Ød	H
WRM280272-60-P	280.00	272.00	60.00
WRM300292-60-P	300.00	292.00	60.00