

Category

- Rod Wiper

Construction

- Bronze filled PTFE ring, energised with an NBR 70° O-ring

Housing

- Rectangular groove in one piece gland

Duty

- Medium to heavy

Features

- Compact, low friction design
- Static and running friction are very similar, hence no stick-slip
- Can be supplied in many size & material combinations
- Broad fluid compatibility

Comments

- A good choice for new designs

Manufacturer

- Transeals

Size Range

- Metric & imperial
- ISO & special

Options

- Many alternative material combinations are available

Metric Specifications

Operating Conditions	Maximum Speed:	4.0 m/sec
	Temperature Range:	-30°C ~ 100°C

Surface Finish	Dynamic Sealing Face:	0.1 ~ 0.4 µmRa
	Static Sealing Face:	1.6 µmRa max
	Other Faces:	3.2 µmRa max

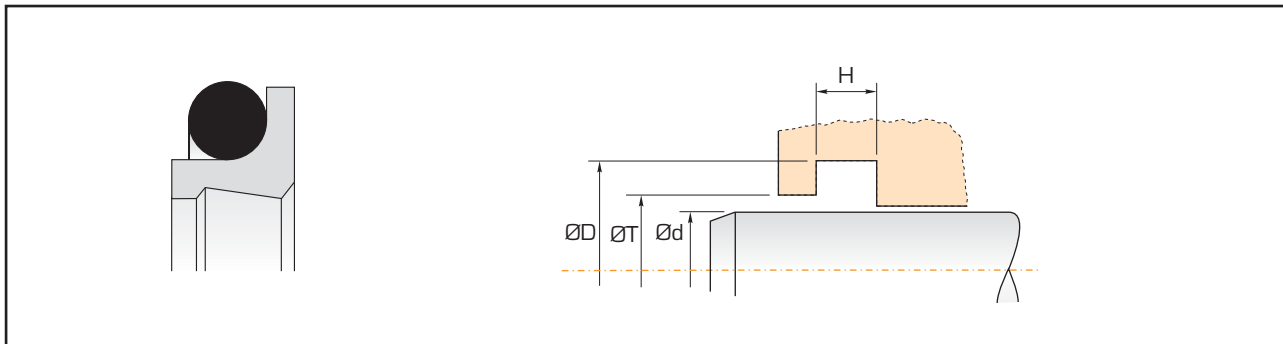
Imperial Specifications

Operating Conditions	Maximum Speed:	12.0 ft/sec
	Temperature Range:	-22°F ~ 212°F

Surface Finish	Dynamic Sealing Face:	4 ~ 16 µinCLA
	Static Sealing Face:	63 µinCLA max
	Other Faces:	125 µinCLA max

Standard Cross Sections

Series	ØD	H	ØT	Std. Ø Range	O-ring
RRM/ABYN	Ød + 7.60	4.20	Ød + 1.0	19 to 39.9	2.62
RRM/BBYN	Ød + 8.80	6.30	Ød + 1.5	40 to 69.9	2.62
RRM/CBYN	Ød + 12.20	8.10	Ød + 2.0	70 to 139.9	3.53
RRM/DBYN	Ød + 16.00	9.50	Ød + 2.5	140 to 399.9	5.33
RRM/EBYN	Ød + 24.00	14.00	Ød + 2.5	400 to 649.9	6.99
RRM/FBYN	Ød + 27.30	16.00	Ød + 2.5	650 +	8.4
RRM/ABZN	Ød + 4.80	3.70	Ød + 1.5	6 to 11.9	1.78
RRM/BBZN	Ød + 6.80	5.00	Ød + 1.5	12 to 64.9	2.62
RRM/CBZN	Ød + 8.80	6.00	Ød + 1.5	65 to 250.9	3.53
RRM/DBZN	Ød + 12.20	8.40	Ød + 2.0	251 to 420.9	5.33
RRM/EBZN	Ød + 16.00	11.00	Ød + 2.0	421 to 650.9	6.99
RRM/FBZN	Ød + 20.00	14.00	Ød + 2.5	651 +	8.4



Metric Sizes

Part No.	Ød	ØD	H
<i>Tolerances</i>		<i>H9</i>	<i>+0.2 -0</i>
RRM10ABZN	10.00	14.80	3.70
RRM15ABZN	15.00	19.80	3.70
RRM20BBZN	20.00	26.80	5.00
RRM20ABYN	20.00	27.60	4.20
RRM22BBZN	22.00	28.80	5.00
RRM22ABYN	22.00	29.60	4.20
RRM25BBZN	25.00	31.80	5.00
RRM25ABYN	25.00	32.60	4.20
RRM28BBZN	28.00	34.80	5.00
RRM28ABYN	28.00	35.60	4.20
RRM30BBZN	30.00	36.80	5.00
RRM30ABYN	30.00	37.60	4.20
RRM32BBZN	32.00	38.80	5.00
RRM32ABYN	32.00	39.60	4.20
RRM35BBZN	35.00	41.80	5.00
RRM35ABYN	35.00	42.60	4.20
RRM38BBZN	38.00	44.80	5.00
RRM38BBYN	38.00	46.80	6.30
RRM40BBZN	40.00	46.80	5.00
RRM40BBYN	40.00	48.80	6.30
RRM42BBYN	42.00	50.80	6.30
RRM44BBZN	44.00	50.80	5.00
RRM45BBZN	45.00	51.80	5.00
RRM45BBYN	45.00	53.80	6.30
RRM50BBZN	50.00	56.80	5.00
RRM50CBZN	50.00	58.80	6.00
RRM50BBYN	50.00	58.80	6.30
RRM55BBZN	55.00	61.80	5.00
RRM55BBYN	55.00	63.80	6.30
RRM56BBZN	56.00	62.80	5.00
RRM60BBZN	60.00	66.80	5.00
RRM60CBZN	60.00	68.80	6.00
RRM60BBYN	60.00	68.80	6.30
RRM63BBZN	63.00	69.80	5.00
RRM63BBYN	63.00	71.80	6.30
RRM65CBZN	65.00	73.80	6.00

Metric Sizes (cont'd)

Part No.	Ød	ØD	H
RRM65BBYN	65.00	73.80	6.30
RRM66CBZN	66.00	74.80	6.00
RRM70CBZN	70.00	78.80	6.00
RRM70CBYN	70.00	82.20	8.10
RRM73BBZN	73.00	79.80	5.00
RRM75CBZN	75.00	83.80	6.00
RRM75CBYN	75.00	87.20	8.10
RRM80CBZN	80.00	88.80	6.00
RRM80BBYN	80.00	88.80	6.30
RRM80CBYN	80.00	92.20	8.10
RRM85CBZN	85.00	93.80	6.00
RRM85CBYN	85.00	97.20	8.10
RRM90CBZN	90.00	98.80	6.00
RRM90CBYN	90.00	102.20	8.10
RRM100CBZN	100.00	108.80	6.00
RRM100CBYN	100.00	112.20	8.10
RRM110CBZN	110.00	118.80	6.00
RRM110CBYN	110.00	122.20	8.10
RRM120CBZN	120.00	128.80	6.00
RRM120CBYN	120.00	132.20	8.10
RRM125CBZN	125.00	133.80	6.00
RRM125CBYN	125.00	137.20	8.10
RRM125DBZN	125.00	137.20	8.40
RRM125DBYN	125.00	141.00	9.50
RRM130CBZN	130.00	138.80	6.00
RRM130CBYN	130.00	142.20	8.10
RRM135CBZN	135.00	143.80	6.00
RRM140CBZN	140.00	148.80	6.00
RRM140DBYN	140.00	156.00	9.50
RRM150DBYN	150.00	166.00	9.50
RRM200CBZN	200.00	208.80	6.00
RRM200DBYN	200.00	216.00	9.50
RRM250CBZN	250.00	258.80	6.00
RRM250DBYN	250.00	266.00	9.50
RRM300DBZN	300.00	312.20	8.40
RRM300DBYN	300.00	316.00	9.50

Imperial Sizes

Part No.	Ød	ØD	H
<i>Tolerances</i>		<i>H9</i>	<i>+0.008 -0</i>
RRI037ABZN	0.375	0.565	0.146
RRI050BBZN	0.500	0.768	0.197
RRI075BBZN	0.750	1.018	0.197
RRI075ABYN	0.750	1.050	0.165
RRI100BBZN	1.000	1.268	0.197
RRI100ABYN	1.000	1.300	0.165
RRI125BBZN	1.250	1.518	0.197
RRI125ABYN	1.250	1.550	0.165
RRI150BBZN	1.500	1.768	0.197
RRI150ABYN	1.500	1.800	0.165
RRI175BBZN	1.750	2.018	0.197
RRI175BBYN	1.750	2.096	0.248
RRI225BBZN	2.250	2.518	0.197
RRI225BBYN	2.250	2.596	0.248
RRI250CBZN	2.500	2.846	0.236
RRI250BBYN	2.500	2.846	0.248
RRI300CBZN	3.000	3.346	0.236
RRI300CBYN	3.000	3.480	0.319
RRI350CBZN	3.500	3.846	0.236
RRI350CBYN	3.500	3.980	0.319
RRI400CBZN	4.000	4.346	0.236
RRI400CBYN	4.000	4.480	0.319
RRI500CBZN	5.000	5.346	0.236
RRI500CBYN	5.000	5.480	0.319
RRI600CBZN	6.000	6.346	0.236
RRI600DBYN	6.000	6.630	0.374
RRI800CBZN	8.000	8.346	0.236
RRI800DBYN	8.000	8.630	0.374
RRI1000DBZN	10.000	10.480	0.331
RRI1000DBYN	10.000	10.630	0.374
RRI1200EBZN	12.000	12.630	0.433
RRI1200EBYN	12.000	12.946	0.551

Contact Transeals for additional sizes