



Category

- Seal, Double Acting Piston

Construction

- Central NBR rubber sealing element, with two polyester back up washers and two wear rings

Housing

- Stepped groove in one piece piston

Duty

- Medium

Features

- One piece piston
- Wear rings eliminate metal to metal contact

Comments

- Fits common Australian grooves

Manufacturer

- Hallite

Size Range

- Imperial

Options

- Also available without wear rings

Metric Specifications

Operating Conditions

Maximum Speed:	0.5 m/sec
Temperature Range:	-30°C ~ 100°C
Maximum Pressure:	400 bar

Surface Finish

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

Chamfers

Groove Section, C (mm)	4.76	6.35	9.53
Min Chamfer, Z (mm)	4	5	6.5

Imperial Specifications

Operating Conditions

Maximum Speed:	1.5 ft/sec
Temperature Range:	-22°F ~ 212°F
Maximum Pressure:	6 000 psi

Surface Finish

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

Chamfers

Groove Section, C (in)	0.187	0.250	0.375
Min Chamfer, Z (in)	0.156	0.187	0.250

Imperial Sizes (Australian Wear Rings)

Part No.	ØD	Ød	H	ØW	L	ØE
<i>Tolerances</i>	<i>±0.005</i>	<i>±0.005</i>	<i>+0.005-0</i>	<i>+0-0.002</i>	<i>+0.005-0</i>	<i>±0.005</i>
TRI150112AW	1.500	1.125	0.452	1.312	0.375	1.440
TRI200150AW	2.000	1.500	0.587	1.812	0.375	1.940
TRI250200AW	2.500	2.000	0.587	2.312	0.375	2.440
TRI300250AW	3.000	2.500	0.587	2.810	0.375	2.940
TRI325275AW	3.250	2.750	0.587	3.060	0.375	3.190
TRI350300AW	3.500	3.000	0.587	3.310	0.375	3.440
TRI400325AW	4.000	3.250	0.780	3.744	0.500	3.920
TRI450375AW	4.500	3.750	0.780	4.242	0.500	4.420
TRI500425AW	5.000	4.250	0.780	4.742	0.500	4.920
TRI600525AW	6.000	5.250	0.780	5.742	0.500	5.920
TRI700625AW	7.000	6.250	0.780	6.742	0.500	6.920
TRI800725AW	8.000	7.250	0.780	7.742	0.500	7.920

Imperial Sizes (European Wear Rings)

Part No.	ØD	Ød	H	ØW	L	ØE
<i>Tolerances</i>	<i>±0.005</i>	<i>±0.005</i>	<i>+0.005-0</i>	<i>+0-0.002</i>	<i>+0.004-0</i>	<i>±0.005</i>
TRI150112EW	1.500	1.125	0.452	1.320	0.250	1.450
TRI200150EW	2.000	1.500	0.587	1.820	0.250	1.950
TRI250200EW	2.500	2.000	0.587	2.320	0.250	2.450
<i>Tolerances</i>	<i>±0.005</i>	<i>±0.005</i>	<i>+0.005-0</i>	<i>+0-0.003</i>	<i>+0.004-0</i>	<i>±0.005</i>
TRI300250EW	3.000	2.500	0.587	2.773	0.250	2.940
TRI325275EW	3.250	2.750	0.587	3.022	0.250	3.190
<i>Tolerances</i>	<i>±0.005</i>	<i>±0.005</i>	<i>+0.005-0</i>	<i>+0-0.004</i>	<i>+0.004-0</i>	<i>±0.005</i>
TRI350300EW	3.500	3.000	0.587	3.273	0.250	3.440
TRI400325EW	4.000	3.250	0.780	3.772	0.250	3.940
TRI450375EW	4.500	3.750	0.780	4.232	0.250	4.440
TRI500425EW	5.000	4.250	0.780	4.712	0.375	4.910
TRI600525EW	6.000	5.250	0.780	5.712	0.375	5.910