

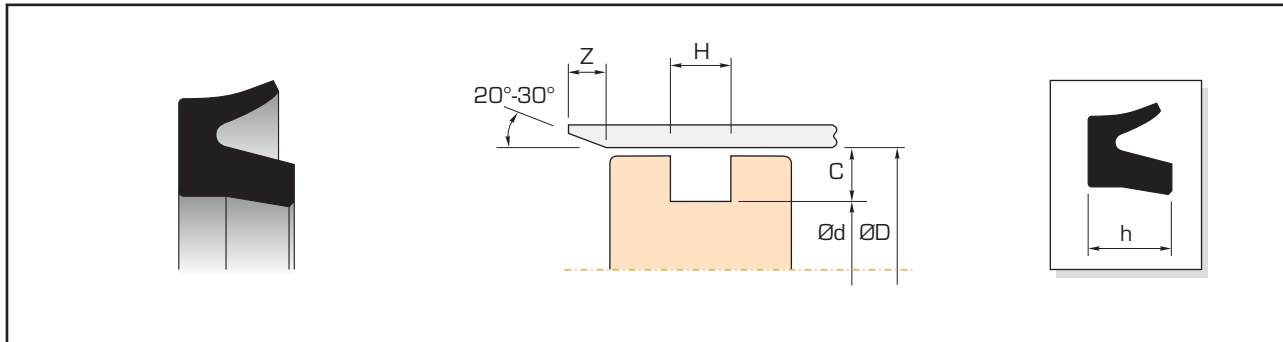
- Category**
- Seal, Single Acting Piston
- Construction**
- NBR asymmetric piston U-ring
- Housing**
- Rectangular groove in one piece piston
- Duty**
- Light
- Comments**
- Homogeneous NBR U-ring suitable for pneumatic or light duty hydraulic applications
 - Manufactured diametrically undersize for positive seating on the piston
- Size Range**
- Imperial

Metric Specifications

Operating Conditions	Maximum Speed:	0.5 m/sec
	Temperature Range:	-40°C ~ 80°C
Surface Finish	Dynamic Sealing Face:	0.1 ~ 0.4 µmRa
	Static Sealing Face:	1.6 µmRa max
	Other Faces:	3.2 µmRa max
Chamfers	Minimum Z = C x 0.85 where C = (ØD - Ød) ÷ 2	

Imperial Specifications

Operating Conditions	Maximum Speed:	1.5 ft/sec
	Temperature Range:	-40°F ~ 180°F
Surface Finish	Dynamic Sealing Face:	4 ~ 16 µinCLA
	Static Sealing Face:	63 µinCLA max
	Other Faces:	125 µinCLA max
Chamfers	Minimum Z = C x 0.85 where C = (ØD - Ød) ÷ 2	

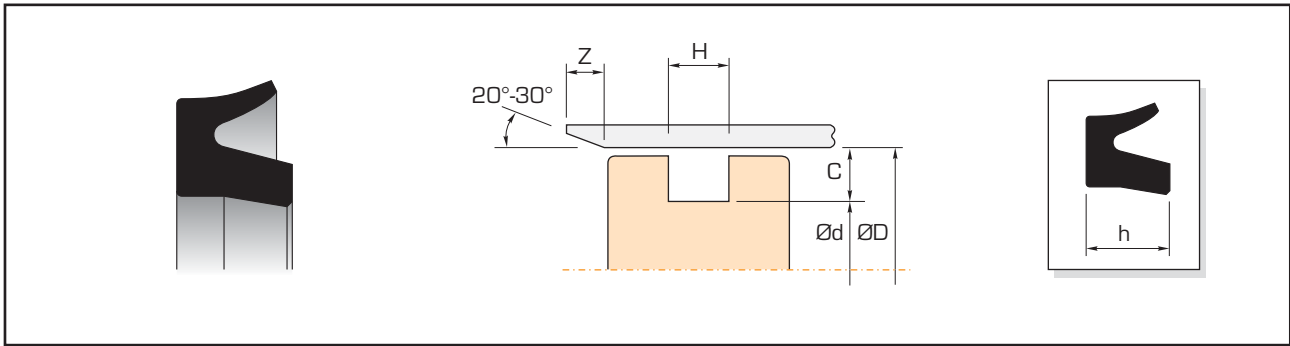


Imperial Sizes

Part No.	ØD	Ød	H	h
<i>Tolerances</i>	<i>H9</i>	<i>js11</i>	<i>+0.030 -0</i>	
DE037	0.375	0.125	0.219	0.156
DE043	0.437	0.187	0.219	0.156
DE050	0.500	0.250	0.250	0.187
DE056	0.562	0.312	0.250	0.187
DE062	0.625	0.312	0.281	0.219
DE068	0.687	0.475	0.187	0.125
DE075037	0.750	0.375	0.281	0.250
DE075	0.750	0.500	0.187	0.125
DE081043	0.812	0.437	0.281	0.250
DE081	0.812	0.562	0.312	0.250
DE087050	0.875	0.500	0.281	0.250
DE087	0.875	0.500	0.312	0.250
DE093056	0.937	0.562	0.281	0.250
DE093	0.937	0.562	0.312	0.250
DE100062	1.000	0.625	0.281	0.250
DE100	1.000	0.625	0.312	0.250
DE106068	1.062	0.687	0.281	0.250
DE106	1.062	0.687	0.312	0.250
DE112062	1.125	0.625	0.375	0.312
DE112	1.125	0.750	0.312	0.250
DE118068	1.187	0.687	0.375	0.312
DE118	1.187	0.812	0.312	0.250
DE125	1.250	0.750	0.312	0.250
DE125075	1.250	0.750	0.375	0.312
DE131	1.312	0.562	0.437	0.375
DE131081	1.312	0.812	0.375	0.312
DE137	1.375	0.875	0.312	0.250
DE137087	1.375	0.875	0.375	0.312
DE143093	1.437	0.937	0.375	0.312
DE143	1.437	1.000	0.312	0.250
DE150100	1.500	1.000	0.375	0.312
DE150	1.500	1.187	0.312	0.250
DE156	1.562	1.062	0.312	0.250
DE162100	1.625	1.000	0.437	0.375
DE162	1.625	1.187	0.312	0.250

Imperial Sizes (cont'd)

Part No.	ØD	Ød	H	h
DE168	1.687	1.187	0.437	0.375
DE175112	1.750	1.125	0.437	0.375
DE175	1.750	1.375	0.328	0.274
DE181	1.812	1.112	0.489	0.400
DE187	1.875	1.250	0.375	0.312
DE187125	1.875	1.250	0.437	0.375
DE193	1.937	1.387	0.437	0.375
DE200137	2.000	1.375	0.437	0.375
DE200	2.000	1.625	0.344	0.281
DE212150	2.125	1.500	0.437	0.375
DE212	2.125	1.625	0.437	0.375
DE225162	2.250	1.625	0.437	0.375
DE225	2.250	1.750	0.312	0.250
DE237175	2.375	1.750	0.437	0.375
DE237	2.375	1.875	0.312	0.250
DE250	2.500	1.800	0.406	0.350
DE250187	2.500	1.875	0.437	0.375
DE262	2.625	2.000	0.406	0.350
DE262200	2.625	2.000	0.437	0.375
DE275200	2.750	2.000	0.563	0.500
DE275	2.750	2.125	0.375	0.312
DE287212	2.875	2.125	0.563	0.500
DE287	2.875	2.500	0.281	0.219
DE300225	3.000	2.250	0.563	0.500
DE300	3.000	2.285	0.406	0.344
DE312237	3.125	2.375	0.563	0.500
DE312	3.125	2.625	0.312	0.250
DE325250	3.250	2.500	0.563	0.500
DE325	3.250	2.812	0.344	0.276
DE337	3.375	2.875	0.437	0.375
DE350275	3.500	2.750	0.563	0.500
DE350	3.500	3.000	0.312	0.250
DE362	3.625	3.000	0.437	0.375
DE375300	3.750	3.000	0.563	0.500
DE375	3.750	3.031	0.344	0.290
DE387	3.875	3.375	0.437	0.375



Imperial Sizes

Part No.	ØD	Ød	H	h
<i>Tolerances</i>	<i>H9</i>	<i>js11</i>	<i>+0.030 -0</i>	
DE400325	4.000	3.250	0.563	0.500
DE400	4.000	3.500	0.437	0.375
DE412	4.125	3.500	0.375	0.312
DE425350	4.250	3.500	0.563	0.500
DE425	4.250	3.750	0.375	0.312
DE437	4.375	3.732	0.375	0.312
DE450350	4.500	3.500	0.687	0.625
DE450	4.500	4.100	0.312	0.230
DE462	4.625	4.125	0.437	0.375
DE475375	4.750	3.750	0.687	0.625
DE475	4.750	4.250	0.437	0.375
DE487	4.875	4.375	0.437	0.375
DE500400	5.000	4.000	0.687	0.625
DE500	5.000	4.250	0.437	0.375
DE512	5.125	4.625	0.437	0.375
DE525425	5.250	4.250	0.687	0.625
DE525	5.250	4.750	0.437	0.375
DE537	5.375	4.875	0.437	0.375
DE550450	5.500	4.500	0.687	0.625
DE550	5.500	5.000	0.437	0.375
DE562	5.625	5.125	0.437	0.375
DE575475	5.750	4.750	0.687	0.625
DE575	5.750	5.430	0.328	0.260
DE587	5.875	5.375	0.437	0.375
DE600500	6.000	5.000	0.687	0.625
DE600	6.000	5.500	0.312	0.250
DE625525	6.250	5.250	0.687	0.625
DE625	6.250	5.930	0.250	0.187
DE650550	6.500	5.500	0.687	0.625
DE650	6.500	6.100	0.359	0.295
DE675575	6.750	5.750	0.687	0.625
DE675	6.750	6.000	0.500	0.437
DE700600	7.000	6.000	0.687	0.625
DE700	7.000	6.500	0.281	0.220
DE725600	7.250	6.000	0.812	0.750

Imperial Sizes (cont'd)

Part No.	ØD	Ød	H	h
DE725	7.250	6.500	0.500	0.437
DE750625	7.500	6.250	0.812	0.750
DE750	7.500	6.750	0.437	0.375
DE775650	7.750	6.500	0.812	0.750
DE775	7.750	7.250	0.312	0.250
DE800675	8.000	6.750	0.812	0.750
DE800	8.000	7.500	0.344	0.270
DE825700	8.250	7.000	0.812	0.750
DE825	8.250	7.750	0.328	0.260
DE850725	8.500	7.250	0.812	0.750
DE850	8.500	8.000	0.344	0.270
DE875750	8.750	7.500	0.812	0.750
DE900775	9.000	7.750	0.812	0.750
DE900	9.000	8.250	0.563	0.500
DE925800	9.250	8.000	0.812	0.750
DE950825	9.500	8.250	0.812	0.750
DE950	9.500	9.000	0.344	0.270
DE975850	9.750	8.500	0.812	0.750
DE1000875	10.000	8.750	0.812	0.750
DE1000	10.000	9.250	0.563	0.500
DE1025900	10.250	9.000	0.812	0.750
DE12001075	12.000	10.750	0.812	0.750
DE1200	12.000	11.000	0.563	0.500