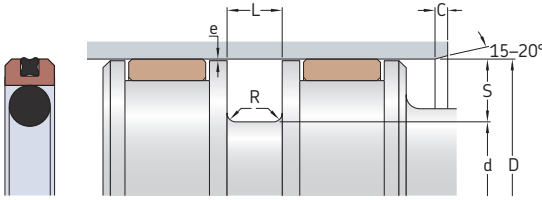


2.6 APR profile piston seals, inch sizes

D 1 – 6 in.



Maximum extrusion gap e

Radial Series e_{\max} at 80 °C (175 °F)
depth for pressures
S 1 000 psi 3 000 psi 5 075 psi

in.	-	in.		
0.212	APR2	0.018	0.006	0.004
0.308	APR3	0.024	0.008	0.005
0.42	APR4	0.03	0.01	0.006
0.46	APR5	0.03	0.01	0.006

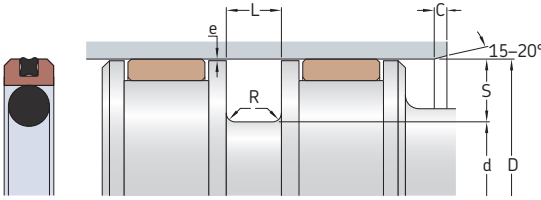
For additional information → page 34

2.6

Dimensions								Designation
D	Tolerance	d	Tolerance	L +0.005	S	R max.	C min.	
in.								-
1	+0.003	0.576	-0.003	0.21	0.212	0.015	0.156	APR2-1000-AD1
1.25	+0.003	0.826	-0.003	0.21	0.212	0.015	0.156	APR2-1250-AD1
1.5	+0.003	1.076	-0.003	0.21	0.212	0.015	0.156	APR2-1500-AD1
1.75	+0.003	1.326	-0.003	0.21	0.212	0.015	0.156	APR2-1750-AD1
2	+0.003	1.576	-0.003	0.21	0.212	0.015	0.156	APR2-2000-AD1
2.25	+0.004	1.634	-0.004	0.288	0.308	0.025	0.187	APR3-2250-AD1
2.5	+0.004	1.884	-0.004	0.288	0.308	0.025	0.187	APR3-2500-AD1
2.75	+0.004	2.134	-0.004	0.288	0.308	0.025	0.187	APR3-2750-AD1
3	+0.004	2.384	-0.004	0.288	0.308	0.025	0.187	APR3-3000-AD1
3.25	+0.004	2.634	-0.004	0.288	0.308	0.025	0.187	APR3-3250-AD1
3.5	+0.004	2.884	-0.004	0.288	0.308	0.025	0.187	APR3-3500-AD1
3.75	+0.004	3.134	-0.004	0.288	0.308	0.025	0.187	APR3-3750-AD1
4	+0.004	3.384	-0.004	0.288	0.308	0.025	0.187	APR3-4000-AD1
4.25	+0.004	3.634	-0.004	0.288	0.308	0.025	0.187	APR3-4250-AD1
4.5	+0.004	3.884	-0.004	0.288	0.308	0.025	0.187	APR3-4500-AD1
4.75	+0.004	4.134	-0.004	0.288	0.308	0.025	0.187	APR3-4750-AD1
5	+0.004	4.384	-0.004	0.288	0.308	0.025	0.187	APR3-5000-AD1
5.25	+0.004	4.634	-0.004	0.288	0.308	0.025	0.187	APR3-5250-AD1
5.5	+0.005	4.66	-0.005	0.375	0.42	0.035	0.25	APR4-5500-AD1
5.75	+0.005	4.91	-0.005	0.375	0.42	0.035	0.25	APR4-5750-AD1
6	+0.005	5.16	-0.005	0.375	0.42	0.035	0.25	APR4-6000-AD1

2.6 APR profile piston seals, inch sizes

D 6.25 – 14 in.



Maximum extrusion gap e

Radial Series e_{\max} at 80 °C (175 °F)
depth for pressures
S 1 000 psi 3 000 psi 5 075 psi

in. - in.

0.212	APR2	0.018	0.006	0.004
0.308	APR3	0.024	0.008	0.005
0.42	APR4	0.03	0.01	0.006
0.46	APR5	0.03	0.01	0.006

For additional information → page 34

Dimensions

Designation

D	Tolerance	d	Tolerance	L	S	R	C	Designation
				+0.005		max.	min.	
in.								-
6.25	+0.005	5.41	-0.005	0.375	0.42	0.035	0.25	APR4-6250-AD1
6.5	+0.005	5.66	-0.005	0.375	0.42	0.035	0.25	APR4-6500-AD1
6.75	+0.005	5.91	-0.005	0.375	0.42	0.035	0.25	APR4-6750-AD1
7	+0.005	6.16	-0.005	0.375	0.42	0.035	0.25	APR4-7000-AD1
7.25	+0.005	6.41	-0.005	0.375	0.42	0.035	0.25	APR4-7250-AD1
7.5	+0.005	6.66	-0.005	0.375	0.42	0.035	0.25	APR4-7500-AD1
7.75	+0.005	6.91	-0.005	0.375	0.42	0.035	0.25	APR4-7750-AD1
8	+0.006	7.16	-0.006	0.375	0.42	0.035	0.25	APR4-8000-AD1
8.5	+0.006	7.66	-0.006	0.375	0.42	0.035	0.25	APR4-8500-AD1
9	+0.006	8.16	-0.006	0.375	0.42	0.035	0.25	APR4-9000-AD1
9.5	+0.006	8.66	-0.006	0.375	0.42	0.035	0.25	APR4-9500-AD1
10	+0.006	9.16	-0.006	0.375	0.42	0.035	0.25	APR4-10000-AD1
10.5	+0.008	9.58	-0.008	0.375	0.46	0.035	0.25	APR5-10500-AD1
11	+0.008	10.08	-0.008	0.375	0.46	0.035	0.25	APR5-11000-AD1
11.5	+0.008	10.58	-0.008	0.375	0.46	0.035	0.25	APR5-11500-AD1
12	+0.008	11.08	-0.008	0.375	0.46	0.035	0.25	APR5-12000-AD1
12.5	+0.008	11.58	-0.008	0.375	0.46	0.035	0.25	APR5-12500-AD1
13	+0.008	12.08	-0.008	0.375	0.46	0.035	0.25	APR5-13000-AD1
13.5	+0.008	12.58	-0.008	0.375	0.46	0.035	0.25	APR5-13500-AD1
14	+0.008	13.08	-0.008	0.375	0.46	0.035	0.25	APR5-14000-AD1

Other sizes are available on request