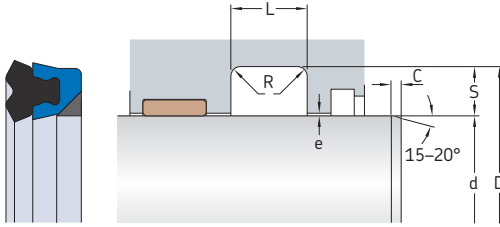


3.7 DZR profile rod seals, inch sizes d 1.25 – 12 in.



Maximum extrusion gap e

Radial depth S	e_{\max} at 80 °C (175 °F) for pressures			
	2 300 psi	3 600 psi	5 800 psi	10 000 psi
in.	in.			
0.187	0.021	0.013	0.008	0.005
0.25	0.028	0.018	0.011	0.007
0.312	0.044	0.028	0.017	0.01
0.375	0.044	0.028	0.017	0.01
0.5	0.059	0.038	0.023	0.014

For additional information → page 34

Dimensions

Designation

d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
1.25	-0.002 -0.002	1.625 1.750	+0.002 +0.003	0.343 0.413	0.187 0.25	0.015 0.02	0.250 0.312	DZR187-1250-312-E2E
1.5	-0.002 -0.002	1.875 2.000	+0.002 +0.003	0.343 0.413	0.187 0.25	0.015 0.02	0.250 0.312	DZR187-1500-312-E2E DZR250-1500-375-E2E
1.75	-0.002	2.250	+0.003	0.413	0.25	0.02	0.312	DZR250-1750-375-E2E
2	-0.002 -0.002	2.500 2.750	+0.003 +0.005	0.413 0.688	0.25 0.375	0.02 0.03	0.312 0.500	DZR250-2000-375-E2E DZR375-2000-625-E2E
2.25	-0.002	2.750	+0.003	0.413	0.25	0.02	0.312	DZR250-2250-375-E2E
2.375	-0.002	2.875	+0.003	0.413	0.25	0.02	0.312	DZR250-2375-375-E2D
2.5	-0.002	3.000	+0.003	0.413	0.25	0.02	0.312	DZR250-2500-375-E2E
2.625	-0.002	3.125	+0.003	0.413	0.25	0.02	0.312	DZR250-2625-375-E2E
2.75	-0.002	3.250	+0.003	0.413	0.25	0.02	0.312	DZR250-2750-375-E2E
3	-0.002 -0.002 -0.002	3.374 3.500 3.750	+0.003 +0.003 +0.005	0.413 0.413 0.688	0.187 0.25 0.375	0.015 0.02 0.03	0.250 0.312 0.500	DZR187-3000-375-E2D DZR250-3000-375-E2E DZR375-3000-625-E2E
3.5	-0.002 -0.002	4.000 4.250	+0.003 +0.005	0.413 0.688	0.25 0.375	0.02 0.03	0.312 0.500	DZR250-3500-375-E2E DZR375-3500-625-E2E
3.625	-0.002 -0.002	4.125 4.375	+0.003 +0.005	0.413 0.688	0.25 0.375	0.02 0.03	0.312 0.500	DZR250-3625-375-E2E DZR375-3625-625-E2E
3.75	-0.002	4.250	+0.003	0.413	0.25	0.02	0.312	DZR250-3750-375-E2E
3.875	-0.002	4.375	+0.003	0.413	0.25	0.02	0.312	DZR250-3875-375-E2D
4	-0.002 -0.002 -0.002 -0.002 -0.002	4.500 4.500 4.625 4.625 4.750	+0.003 +0.003 +0.004 +0.004 +0.005	0.413 0.618 0.550 0.618 0.688	0.25 0.25 0.312 0.312 0.375	0.02 0.02 0.02 0.02 0.03	0.312 0.312 0.312 0.312 0.500	DZR250-4000-375-E2E DZR250-4000-562-E2E DZR312-4000-500-E2E DZR312-4000-562-E2E DZR375-4000-625-E2E

Dimensions								Designation
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
4.25	-0.002	5.000	+0.005	0.688	0.375	0.03	0.500	DZR375-4250-625-E2E
4.375	-0.002	4.875	+0.003	0.413	0.25	0.02	0.312	DZR250-4375-375-E2D
4.5	-0.002	5.000	+0.003	0.413	0.25	0.02	0.312	DZR250-4500-375-E2E
	-0.002	5.250	+0.005	0.688	0.375	0.03	0.500	DZR375-4500-625-E2E
4.875	-0.002	5.375	+0.003	0.413	0.25	0.02	0.312	DZR250-4875-375-E2D
5	-0.002	5.500	+0.003	0.413	0.25	0.02	0.312	DZR250-5000-375-E2E
	-0.002	5.500	+0.003	0.618	0.25	0.02	0.312	DZR250-5000-562-E2E
	-0.002	5.750	+0.005	0.688	0.375	0.03	0.500	DZR375-5000-625-E2E
5.25	-0.002	6.000	+0.005	0.688	0.375	0.03	0.500	DZR375-5250-625-E2E
5.5	-0.002	6.000	+0.003	0.413	0.25	0.02	0.312	DZR250-5500-375-E2E
	-0.002	6.250	+0.005	0.688	0.375	0.03	0.500	DZR375-5500-625-E2E
6	-0.002	6.750	+0.005	0.688	0.375	0.03	0.500	DZR375-6000-625-E2E
	-0.003	7.000	+0.007	0.825	0.5	0.03	0.625	DZR500-6000-750-E2E
6.5	-0.002	7.250	+0.005	0.688	0.375	0.03	0.500	DZR375-6500-625-E2E
	-0.003	7.500	+0.007	0.825	0.5	0.03	0.625	DZR500-6500-750-E2E
6.75	-0.002	7.500	+0.005	0.688	0.375	0.03	0.500	DZR375-6750-625-E2E
7	-0.002	7.750	+0.005	0.688	0.375	0.03	0.500	DZR375-7000-625-E2E
	-0.003	8.000	+0.007	0.825	0.5	0.03	0.625	DZR500-7000-750-E2E
7.25	-0.002	8.000	+0.005	0.688	0.375	0.03	0.500	DZR375-7250-625-E2D
7.5	-0.002	8.250	+0.005	0.688	0.375	0.03	0.500	DZR375-7500-625-E2D
7.75	-0.002	8.500	+0.005	0.688	0.375	0.03	0.500	DZR375-7750-625-E2D
7.875	-0.002	8.625	+0.005	0.688	0.375	0.03	0.500	DZR375-7875-625-E2D
8	-0.002	8.750	+0.005	0.688	0.375	0.03	0.500	DZR375-8000-625-E2E
	-0.003	9.000	+0.007	0.825	0.5	0.03	0.625	DZR500-8000-750-E2E
8.5	-0.003	9.500	+0.007	0.825	0.5	0.03	0.625	DZR500-8500-750-E2E
9	-0.002	9.750	+0.005	0.688	0.375	0.03	0.500	DZR375-9000-625-E2D
11	-0.002	11.750	+0.005	0.688	0.375	0.03	0.500	DZR375-11000-625-E2D
	-0.003	12.000	+0.007	0.825	0.5	0.03	0.625	DZR500-11000-750-E2D
12	-0.002	12.750	+0.005	0.688	0.375	0.03	0.500	DZR375-12000-625-E2D

Other sizes are available on request