## Product Datasheet Elastomer Rotary Seal Range

Pioneer Weston R6 features an elastomeric seal geometry backed by nearly a century of continuous improvement. Featuring an auxiliary dust lip designed for greater ingress protection compared to our Pioneer R4 range.





Ground OD Metal OD for precision fitment

**Auxiliary Dust Lip** Improved ingress protection<sup>^</sup>

## Configurable Options

For rough\* housing bores

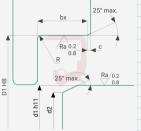
Hydrodynamic aid to improve fluid transfer at high speeds\*

Improve corrosion resistance

"Surface Speed limited-8m/s
" Contact Pioneer Weston for advice





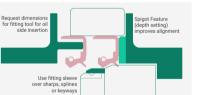


Shaft, d1	d1-d2	
0-10	1.5	
10-20	2.0	
20-30	2.5	
30-40	3.0	
40-50	3.5	
50-70	4.0	
70-90	4.5	
90-110	5.0	
110-130	5.5	
130-250	7.0	
250-500	11.0	
Dimensions in mm		

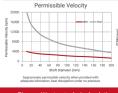
Bore, D1	С	R
≤100	0.70 to 1.00	0.75 max.
>100	1.20 to 1.50	1.00 max.
Dimensions in mm		

Shaft hardness 55-60HrC\*\* (0.3 Depth) Shaft ground finish with no lay bx=seal width +0.3

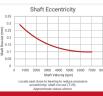
\*\*60HrC min for ourface eneed >10m/s



## Application Criteria







Pioneer Weston technical solutions available via global ERIKS Sealing and Polymer divisions & our website.

ERIKS Sealing & Polymer UK Daten Park, Warrington, Cheshire, WA3 6SX United Kingdom

ERIKS Deutschland GmbH Sealing and Polymer Technology Jahnstr. 106, 73037, Göppingen, Germany

**ERIKS Sealing & Polymer** Tourmalijnstraat 5, 1812 RL Alkmaar, Netherlands

Hardware Specification