



Axial outer pressure - groove dimensions	+		-	
material	PMMA			
free groove volume at inst (%)	20			
inner diameter (mm)	113.89	0	-0.22	h11
outer diameter (mm)	123.06	0.25	0	H11
depth (mm)	2.65	0.05	-0.05	suggestion
radius (mm)	0.2			

Application		O-Ring	±	
Sealing principle	Axial outer pressure	compound	FKM / Viton®	
design	Design Groove	chemical volume swell (%)	0	
temperature (°C)	21	inner diameter (mm)	113.89	0.76 free
movement	static	cross section diameter (mm)	3.53	0.1 free
pressure	vacuum			
compression (%)	25			

Results at Installation	min.	nom.	max.
O-Ring Compression (%)	21.36	25.00	28.44
Free Groove Volume (%)	13.14	20.00	30.01
O-Ring Inner Diameter Stretch (%)	- 0.85	0.00	0.67
O-Ring Outer Diameter Upsetting (%)	- 2.77	- 1.75	- 0.95

Results at Service	min.	nom.	max.
O-Ring Compression (%)	21.36	25.00	28.44
Free Groove Volume (%)	13.14	20.00	30.01
O-Ring Inner Diameter Stretch (%)	- 0.85	0.00	0.67
O-Ring Outer Diameter Upsetting (%)	- 2.77	- 1.75	- 0.95

Comments
Results at Installation
Results at Service

Disclaimer

This information is, to the best of our knowledge, accurate and reliable to the date indicated. The above mentioned data have been obtained by tests we consider as reliable. We don't assure that the same results can be obtained in other laboratories, using different conditions by the preparation and evaluation of the samples.