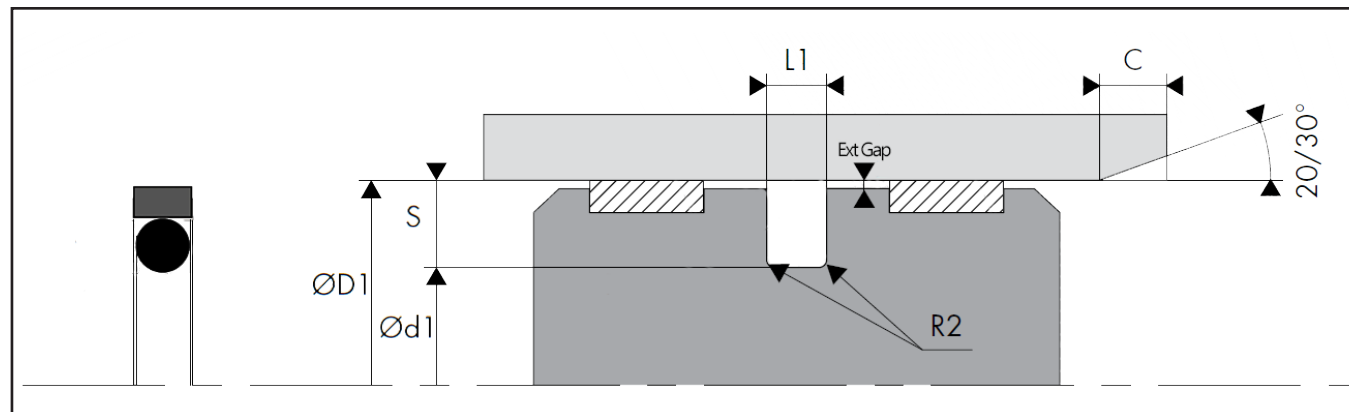
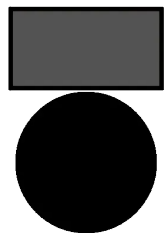


# D/A Piston Seals

## GFT-XSL



### TECHNICAL DATA

<b>Temperature</b>	-35°C / +100°C
<b>Pressure</b>	600 bar / 8700 psi
<b>Speed</b>	3.0 m/sec
<b>Media</b>	Mineral hydraulic oils

S (Standard Cross Sections)	Radius & Chamfers		Max Radial Extrusion Gap		
			BAR/PSI		
	R2 (mm)	C (mm)	200/2900	400/5800	600/8700
5.00mm (0.197")	0.4	2.5	0.30mm (0.012")	0.20mm (0.008")	0.10mm (0.004")
6.60mm (0.259")	1.0	4.5	0.40mm (0.016")	0.30mm (0.012")	0.20mm (0.008")

### TOLERANCES

<b>ØD1</b>	H9
<b>Ød1</b>	h9
<b>L1</b>	-0.00 + 0.20mm

### SURFACE ROUGHNESS

Roughness	Dynamic surface area	Static surface area	Groove flanks
Ra	0.1 - 0.4 µm	≤1.6 µm	≤ 3.2 µm
Rz	0.63 - 1.44 µm	≤6.3 µm	≤10.0 µm
Rmax	1.0 - 4.0 µm	≤10.0 µm	≤16.0 µm

### MATERIALS

**Sealing face**  
PU 60 Shore D - Grey

**Energiser**  
NBR 70 Shore A  
HNBR 70 Shore A

### DESCRIPTION

Our GFT-XSL range is a heavy-duty, low-friction, compact double acting piston seal. Profile comprised of an O-Ring energised 60 Shore D self-lubricating polyurethane that provides high extrusion resistance and excellent wear capability.

### ADVANTAGES

Optimal sealing in dynamic applications  
Low friction coefficient; low stick slip  
Excellent abrasion & extrusion resistance

### APPLICATIONS

Mobile hydraulics  
Injection moulding presses  
Machine tools  
Presses  
Standard cylinders