



### Technical Details

### Metric

### Inch

### DESIGN

Operating conditions		
Maximum speed	0.8 m/sec	2.4 ft/sec
Temperature range	-30°C + 100°C	-22°F + 212°F
Maximum pressure	600 Bar	9000 p.s.i

Two piece gland seal for heavy duty applications which when installed in pairs provides excellent double-acting piston seal design.

Suitbale for use of difficult operating conditions such as pressure surging , vibration or seal misalignment.

### Maximum extrusion gap

Pressure bar	160	250	400	600
Maximum gap mm	0.35	0.3	0.2	0.1
Pressure p.s.i	2400	3750	6000	9000

### FEATURES

- Effective seal for extreme applications
- Percision moulded vee packs
- High load capability
- Pressure activating grooves

### MATERIAL

Seal design comes in a variety of materials and sizes. For more information, please refer to MSDS datasheet.

### APPLICATIONS

Heavy duty applications

### Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface	0.1 - 0.4	4 max	4 - 16	5 - 18
Static sealing face	1.6 max	10 max	63 max	70 max
Static Housing faces	3.2 max	16 max	125 max	140 max

### Chamfers & Radii

Groove section ≤ S mm	5.0	7.5	10.0	12.5	15.0
Min chamfer C mm	2.5	4.0	5.0	6.5	7.5
Max fillet rad r <sub>1</sub> mm	0.8	0.8	0.8	1.2	1.6

### Tolerances (mm)

ØD <sub>1</sub>	Ød <sub>1</sub>	Ød <sub>3</sub>	L <sub>1</sub>
H9	h11	+0 - 0.3	+0.3 - 0