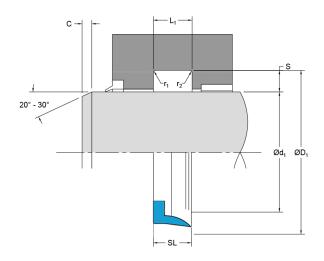


3S16P



Technical Details

Metric

Inch

Operating conditions Maximum speed 0.55 m/sec 1.5 ft/sec Temperature range -30°C + 90°C -22°F + 194°F Maximum pressure 17 Bar 250 p.s.i

Maximum extrusion gap

Pressure bar	17
Maximum gap mm	250
Pressure p.s.i	0.030

Surface roughness

	μmRa	μmRt	μinCLA	μinRMS
Dynamic sealing surface $\emptyset D_1$ in	0.8 max	5 max	32 max	35 max
Static sealing face Ød	1.6 max	10 max	63 max	70 max
Static Housing faces L ₁	3.2 max	16 max	125 max	140 max

Chamfers & Radii

Seal diameter ≤ ØD ₁ in	2.000	3.000	6.500
Min chamfer C in	0.187	0.217	0.250
Max fillet rad r ₁ in	0.062	0.093	0.125

DESIGN

GS16P is a cup seal designed for use in either single or double acting light duty application. The seal design is responsive to low pressure fluctuations and has very low friction. It is also ideal for pneumatic applications.

The material used provides the seal lip with strength and durability which allows it to have the capability of operating in a wide tolerance tube with a generous surface finish. Additionally, wear and friction are kept to a minimum because of its ability to retain lubricant in the seal area.

FEATURES

- Flexible for easy installation
- Long life
- Comes in a wide range of sizes

MATERIAL

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

APPLICATIONS

Light duty applications

