

## 双唇活塞杆密封 Twin Lip Rod Seal

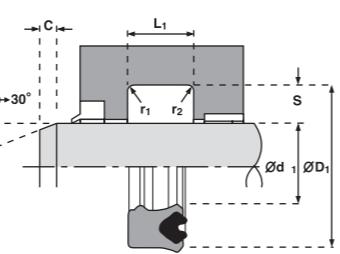
### 技术参数 Technical Details

公制 Metric

英制 Inch

#### 工作条件 Operating Conditions

最大速度 Maximum Speed	1.0 m/sec	3.0 ft/sec
温度范围 Temperature Range	-45°C + 110°C	-50 °F + 230 °F
最大压力 Maximum Pressure	400 bar*	6,000 p.s.i.*



#### 最大挤出间隙 Maximum extrusion gap

最大挤出间隙值显示了最大的单边允许间隙，最小活塞杆直径和最大间隙。参考沟槽设计部分。

Figures show the maximum permissible gap all on one side using minimum rod Ø and maximum clearance Ø. Refer to Housing Design section.

压力 Pressure bar	160	250	400
最大间隙 Maximum Gap mm	0.6	0.5	0.4
压力 Pressure p.s.i.	2400	3750	6000
最大间隙 Maximum Gap in	0.024	0.020	0.016

#### 表面粗糙度 Surface Roughness

动密封面 Dynamic Sealing Face Ød, mm	μmRa 0.1<>0.4	μmRt 4max	μinCLA 4<>16	μinRMS 5<>18
静密封面 Static Sealing Face ØD, mm	1.6 max	10 max	63 max	70 max
静态沟槽面 Static Housing Faces L, mm	3.2 max	16 max	125 max	140 max

#### 斜面和半径 Chamfers & Radii

沟槽截面 Groove Section≤S mm	4.0	5.0	7.5	10.0	12.5	15
最小倒角 Min Chamfer C mm	3.0	3.5	5.0	6.5	7.0	8.0
最大圆角半径 Max Fillet Rad r <sub>1</sub> mm	0.2	0.4	0.8	0.8	1.2	1.6
最大圆角半径 Max Fillet Rad r <sub>2</sub> mm	0.4	0.8	1.2	1.2	1.6	2.4
沟槽截面 Groove Section≤S in	0.125	0.187	0.250	0.312	0.375	0.500
最小倒角 Min Chamfer C in	0.093	0.093	0.125	0.156	0.187	0.217
最大圆角半径 Max Fillet Rad r <sub>1</sub> in	0.008	0.008	0.016	0.032	0.032	0.032
最大圆角半径 Max Fillet Rad r <sub>2</sub> in	0.016	0.016	0.032	0.047	0.047	0.047

#### 公差 Tolerances

Ød <sub>1</sub> f9	ØD <sub>1</sub> Js11	L <sub>1</sub> mm +0.25-0	L <sub>1</sub> in +0.010 -0
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\*使用挡圈密封件的压力最大为 700bar/10,000p.s.i

如有这样的需求，请联系您当地的赫莱特密封销售公司

\*Pressure rating of seal can be extended to 700 bar/10,000p.s.i with the use of a back up ring.  
If this option is required seek advice from your local Hallite Seals sales office.

### 设计说明 Design

Hallite 622 是一种能承受中高压的杆密封。设计结合了有独特外形的丁腈橡胶弹性体，在所有的压力条件下，确保唇触动和缓冲密封件避免震动装载。它得益于 Hallite 双唇的外形适合干燥的杆密封系统。

用 Hythane®181 高性能聚氨酯材料制成的扇形体在低温下容易安装和操作。

Hallite 622 提供优越的密封性能，特别是应用于旧工程设备上的活塞杆密封更换。

The Hallite 622 is a top of the range medium and high pressure rod seal. The design of the seal incorporates a unique profiled NBR energiser to ensure complete lip actuation under all pressure conditions and to cushion the seal against shock loadings. It also benefits from Hallite's twin lip profile for dry rod sealing.

The shell is moulded in Hallite's high performance polyurethane Hythane® 181, ensuring flexibility for installation and performance at low temperatures.

The Hallite 622 offers superior sealing when used as a replacement rod seal in older construction equipment.

### 特点 Features

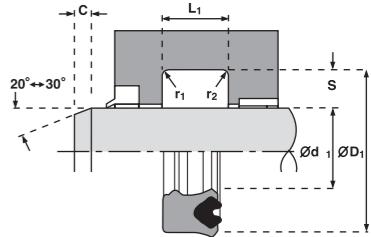
- 双唇的设计保护主密封唇，提高密封性能
- 适合于维修市场，解决泄漏
- 容易安装
- Twin lip design offering improved sealing primary lip protection increased seal stability
- Ideal for MRO to eliminate leakage
- Easy installation

### 材料选择 Material Options:

- Hythane® 181 \_\_\_\_\_ 0
- Hythane® 591 \_\_\_\_\_ 8

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# 622



Ød <sub>1</sub>	TOL f9	ØD <sub>1</sub>	TOL Js11	SL	L <sub>1</sub> +0.25-0	PART No.
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55	-0.030 -0.104	68	+0.095 -0.095	10	11	490781_
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55	-0.030 -0.104	70	+0.095 -0.095	9	10	490791_
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60	-0.030 -0.104	73	+0.095 -0.095	10	11	490801_
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60	-0.030 -0.104	75	+0.095 -0.095	9	10	490811_
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60	-0.030 -0.104	75	+0.095 -0.095	10	11	490821_
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65	-0.030 -0.104	78	+0.095 -0.095	10	11	490831_
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65	-0.030 -0.104	80	+0.095 -0.095	9	10	490841_
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70	-0.030 -0.104	83	+0.110 -0.110	10	11	490851_
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70	-0.030 -0.104	85	+0.110 -0.110	9	10	490861_
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70	-0.030 -0.104	85	+0.110 -0.110	10	11	490871_
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75	-0.030 -0.104	88	+0.110 -0.110	10	11	490881_
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75	-0.030 -0.104	90	+0.110 -0.110	9	10	490891_
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80	-0.030 -0.104	93	+0.110 -0.110	10	11	490901_
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80	-0.030 -0.104	95	+0.110 -0.110	9	10	490911_
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