

活塞杆密封 PRL



技术参数

工作压力: $\leq 1.6\text{MPa}$
 工作温度: $-35\sim 80^{\circ}\text{C}$
 工作速度: $\leq 1.0\text{m/s}$
 工作介质: 润滑后的空气以及干燥和充油空气
 标准材料: 聚氨酯

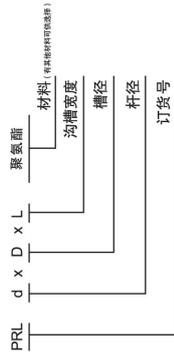
PRL 密封件主要特点

- ※ 密封和防尘的双重功能由一个密封件完成
- ※ 降低加工成本, 易于存储
- ※ 最大限度的节省了空间
- ※ 不需要另外的轴向调整
- ※ 密封唇的特殊设计保证运行平滑稳定
- ※ 由于材料为聚合物弹性体, 从而不会生锈、腐蚀

安装要求

可以人工装入沟槽内。注意装配过程中防止防尘和密封唇部被锐边损伤。初始润滑是保持长期使用寿命的前提。

订货号标注方法:



若有特殊要求 (压力、温度、速度等), 请与本公司的技术部联系。



PRL 活塞杆密封/防尘圈是专为小气缸及阀设计。

The pneumatic rod seal/wiper profile PRL is a combined element with sealing and wiping function for rods in small pneumatic cylinders.

Technical parameter:

Working pressure: $\leq 1.6\text{MPa}$
 Working temperature: $-35\sim 80^{\circ}\text{C}$
 Surface speed: $\leq 1.0\text{m/s}$
 Working medium: Air after lubrication and dry without oil air.
 Standard materials: Polyurethane

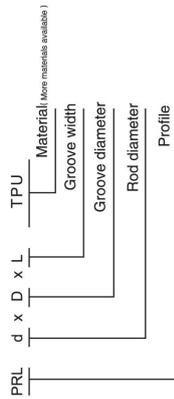
Advantages:

- ※ Both functions, sealing and wiping, are performed by a single seal
- ※ Low assembly costs, easier storage
- ※ Clean line finish and full function at minimal space requirement
- ※ No additional axial adjustment required
- ※ Smooth running thanks to optimal balance of sealing lips
- ※ No danger of corrosion as the part is made of polymeric material

Installation:

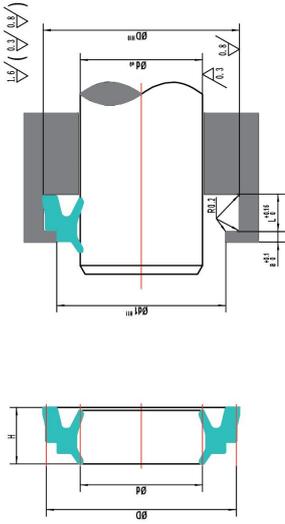
The self-retaining rod seal/wiper profile PRL is manually snapped into the installation housing while the piston rod is disassembled. Please pay attention to prevent sharp edges from damaging the wiping and sealing lips during assembly. Initial lubrication is the prerequisite for very long operation life.

Ordering example:



For special requirements (pressure, temperature, speed etc.), please contact our technical staff.

若有特殊要求 (压力、温度、速度、介质等), 请与本公司技术部联系, 以便为您推荐合适的材料结构 Other requirements (pressure, temperature, speed, media, etc.), please contact us to recommend the appropriate materials and structures.



PRL 型标准规格表 (单位: mm)

订货号	d	D	H	d1	L	a
PRL 4X8.2X3 P2010	4	8.2	4.2	6.7	3	0.8
PRL 6X11.2X5 P2011	6	11.2	5.2	9.1	3.2	1
PRL 6X12X5.4 P2001	6	12	7.4	9.2	5.4	1.2
PRL 8X14.2X5 P2001	8	14.2	5.2	12.1	3.2	1
PRL 10X16.2X6.2 P2011	10	16.2	6.2	14.1	3.8	1.2
PRL 10X18X5.9 P2001	10	18	7.9	14.2	5.9	1.2
PRL 12X19.2X4.8 P2001	12	19.2	4.8	15	3	1
PRL 16X23X4.8 P2001	16	23	4.8	18.8	3	1
PRL 20X29X6.8 P2001	20	29	6.8	24.8	4.75	1

* 标注此规格已有模具, 如有其它产品需求, 请与我司技术部联系

活塞杆密封 PRM



技术参数

工作压力: $\leq 1.6\text{MPa}$
 工作温度: $-35\sim 80^{\circ}\text{C}$
 工作速度: $\leq 1.0\text{m/s}$
 介质: 润滑后的空气以及干燥和无油空气 (经初始装配润滑后)
 标准材料: 聚氨酯 P2011

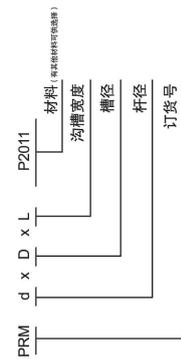
PRM 密封件主要特点

- ※ 最小空间要求
- ※ 简单的结构, 有效地制作成本
- ※ 没有附加的轴向定位要求
- ※ 由于功能性唇部最佳调整使其平稳运行
- ※ 由于组件由单一聚合材料组成, 无腐蚀

安装要求

可以人工装入沟槽内, 注意装配过程中防止防尘和密封唇部被锐边损伤。初始润滑是保持长期使用寿命的前提。

订货号标注方法:



若有特殊要求 (压力、温度、速度等), 请与本公司的技术部联系。

Other requirements (pressure, temperature, speed, media, etc.), please contact us to recommend the appropriate materials and structures.

若有特殊要求 (压力、温度、速度、介质等), 请与本公司技术部联系, 以便为您推荐合适的材料和结构。

Other requirements (pressure, temperature, speed, media, etc.), please contact us to recommend the appropriate materials and structures.

PRM 活塞杆密封 / 防尘圈是一种气动密封件。集防尘和密封两种功能于一身, 尺寸小, 摩擦力更低。
 The design of the profile of PRM is a rod seal/wiper combination pneumatic sealing element. sealed two kinds of dust function and a suit also are considerably smaller and friction values are even lower.

Technical parameter:

Working pressure: $\leq 1.6\text{MPa}$
 Working temperature: $-35\sim 80^{\circ}\text{C}$
 Surface speed: $\leq 1.0\text{m/s}$
 Working medium: Lubricated as well as dry and oil-free air(after initial lubrication during assembly)
 Standard materials: Polyurethane P2011

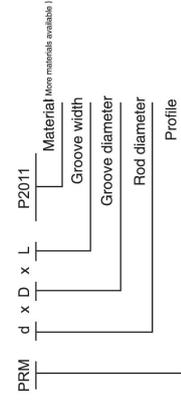
Advantages:

- ※ Minimum space requirement
- ※ Simple housing, cost-efficient in manufacturing
- ※ No additional requirements for axial securing
- ※ Smooth running due to optimum adjustment of the functional lips
- ※ Zero danger of corrosion since part consists of polymeric material

Installation:

The self-retaining rod seal/wiper profile PRM is manually snapped into the installation housing while the piston rod is disassembled. Please pay attention to prevent sharp edges from damaging the wiping and sealing lips during assembly. Initial lubrication is the prerequisite for very long operational life.

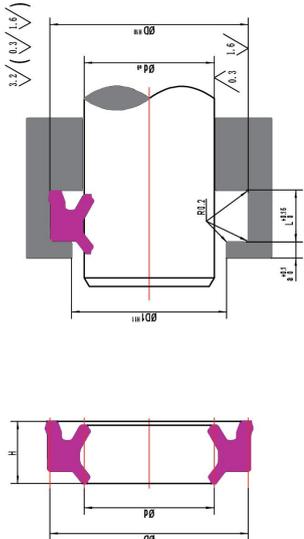
Ordering example:



For special requirements (pressure, temperature, speed etc.), please contact our technical staff.

若有特殊要求 (压力、温度、速度、介质等), 请与本公司技术部联系, 以便为您推荐合适的材料和结构。

Other requirements (pressure, temperature, speed, media, etc.), please contact us to recommend the appropriate materials and structures.



PRM 型标准规格表 (单位: mm)									
订货号	d	D	H	D1	L	a			
PRM 1X3.4X2.7 P2011	1	3.4	2.8	2.6	2.7	0.6			
PRM 3X5.6X2.7 P2011	3	5.6	2.8	4.6	2.7	0.6			
PRM 3X5.6X2.8 P2011	3	5.6	2.9	4.6	2.8	0.6			
PRM 4X7X2.7 P2011	4	7	2.8	5.4	2.7	0.6			
PRM 4X7X2.8 P2011	4	7	2.7	5.6	2.8	0.6			
PRM 5X8X2.7 P2011	5	8	2.8	6.2	2.7	0.8			
PRM 6X9X2.7 P2011	6	9	2.8	7.2	2.7	1			
PRM 8X11.5X3 P2011	8	11.5	3.2	9.23	3	1			
PRM 8X11.5X4 P2011	8.8	13.8	4.4	10.8	4	1			
PRM 10X14X3.7 P2011	10	14	3.7	11.4	3.7	1			
PRM 12X16.5X3.7 P2011	12	16.5	4	13.7	3.7	1			
PRM 14X18.5X3.7 P2011	14	18.5	4	15.7	3.7	1.2			
PRM 16X20.5X3.7 P2011	16	20.5	4	17.7	3.7	1.2			
PRM 18X22.5X3.7 P2011	18	22.5	4	19.7	3.7	1.2			
PRM 20X25X4.15 P2011	20	25	4.61	21.9	4.15	1.2			
PRM 25X30X4.15 P2011	25	30	4.6	26.9	4.15	1.2			
PRM 32X37.5X4.55 P2011	32	37.5	5	34.1	4.55	1.2			
PRM 40X46X4.9 P2011	40	46	5.5	42.2	4.9	1.4			

* 标注此规格已有模具, 如有其它产品需求, 请与我司技术部联系

活塞杆密封 PRU



技术参数

工作压力: $\leq 1.6\text{MPa}$

工作温度: $-35\sim 80^{\circ}\text{C}$

工作速度: $\leq 1.0\text{m/s}$

标准材料: 聚氨酯 P2001

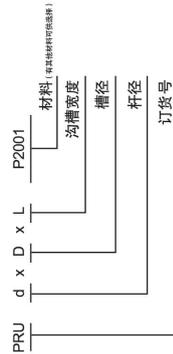
PRU 密封件主要特点

- ※ 不会腐蚀
- ※ 不会产生灰边角
- ※ 低摩擦和高操作长度
- ※ 经初始润滑后, 即使用在干燥和无油空气中也有很长的使用寿命

安装要求

随着凹形的环形槽, PRU 型活塞杆密封防尘圈被推进为槽里, 在装配中, 避免唇部被锐边拉伤。

订货号标注方法:



若有特殊要求 (压力、温度、速度等), 请与本公司的技术部联系。

Other requirements (pressure, temperature, speed, etc.), please contact us to recommend the appropriate materials and structures.

PRU 活塞杆密封 / 防尘圈是一种气动密封件。

集防尘、密封、固定三种功能于一身。

The self-retaining PRU rod seal/ wiper ring for pneumatic cylinder piston rods performs three functions simultaneously: Sealing, Wiping, Fixing.

Technical parameter:

Working pressure: $\leq 1.6\text{MPa}$

Working temperature: $-35\sim 80^{\circ}\text{C}$

Surface speed: $\leq 1.0\text{m/s}$

Standard materials: Polyurethane P2001

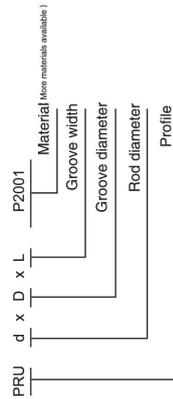
Advantages:

- ※ No risk of corrosion
- ※ No dirt traps
- ※ Low friction values and long service life
- ※ The special sealing and wiper lip geometry combined with our material allows the PRU seal/wiper element to be operated in oil-free air after initial lubrication during assembly

Installation:

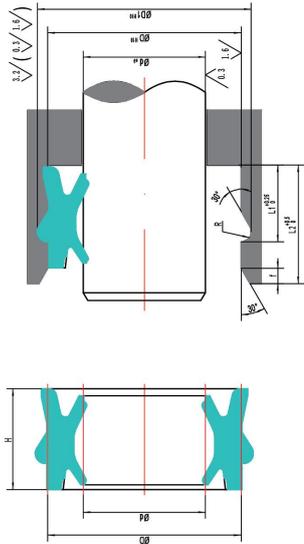
The profile PRU rod seal wiper is pushed into the open housing with a circlip recess and retained by the easy-to-snap in retainer ridge. During assembly, should neither the wiper nor the sealing lip be damaged by being pushed over any sharp edges.

Ordering example:



For special requirements (pressure, temperature, speed etc.), please contact our technical staff.

若有特殊要求 (压力、温度、速度、介质等), 请与本公司技术部联系, 以便向您推荐合适的材料结构和其他要求 (压力、温度、速度、介质等), 请联系我们推荐合适的材料结构和结构。



PRU 型标准规格表 (单位: mm)										
订货号	d	D	H	D1	L1	L2	R	f		
PRU 12X19X12 P2001	12	19	10	21	7.7	12	1	1.5	*	
PRU 12X19X13 P2001	12	19	10.7	22	8.8	13	1.1	1.5	*	
PRU 12X22X13 P2001	12	22	10.7	24	8.8	13	1.1	1.5	*	
PRU 14X24X13 P2001	14	24	10.7	26	8.8	13	1.1	1.5	*	
PRU 16X26X13 P2001	16	26	10.7	28	8.8	13	1.1	1.5	*	
PRU 18X28X13 P2001	18	28	10.7	30	8.8	13	1.1	1.5	*	
PRU 20X30X13 P2001	20	30	10.7	32	8.8	13	1.1	1.5	*	
PRU 22X32X14 P2001	22	32	11.2	34.5	9.4	14	1.4	2	*	
PRU 25X35X14 P2001	25	35	11.2	37.5	9.4	14	1.4	2	*	
PRU 30X40X14 P2001	30	40	11.2	42.5	9.4	14	1.4	2	*	
PRU 32X42X14 P2001	32	42	11.2	44.5	9.4	14	1.4	2	*	
PRU 40X50X14 P2001	40	50	11.2	52.5	9.4	14	1.4	2	*	
PRU 45X55X15 P2001	45	55	12.2	58.2	10.4	15	1.8	2	*	
PRU 50X60X15 P2001	50	60	12.2	63.2	10.4	15	1.8	2	*	
PRU 63X75X16 P2001	63	75	13	78.2	11.4	16	1.8	2	*	

* 标注比规格已有模具, 如有其它产品需求, 请与我司技术部联系

活塞杆密封 PRD



技术参数

工作压力: $\leq 1.6\text{MPa}$
 工作温度: $-35\sim 80^{\circ}\text{C}$
 工作速度: $\leq 1.0\text{m/s}$
 工作介质: 含油润滑的空气、干燥空气、无油空气
 (装配初始润滑后)
 标准材料: 聚氨酯 P2001

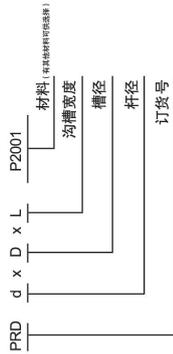
PRD 密封件主要特点

- ※ 最小空间要求
- ※ 简单的结构, 有效地制作成本
- ※ 没有附加的轴向定位要求
- ※ 由于功能性唇部优化调整使其平稳运行
- ※ 由于组件由单一聚合物材料组成, 无腐蚀

安装要求

可以人工或自动装入沟槽内。注意装配过程中防止防尘和密封唇部被锐边损伤。初始润滑是保持长期使用寿命的前提。

订货号标注方法:



若有特殊要求 (压力、温度、速度等), 请与本公司的技术部联系。

PRD 活塞杆密封 / 防尘圈是一种气动密封件。集防尘和密封两种功能于一身, 尺寸小, 摩擦力更低。The design of the profile PRD is a rod seal/wiper combination for mid-to-bigger diameter.

Technical parameter:

Working pressure: $\leq 1.6\text{MPa}$
 Working temperature: $-35\sim 80^{\circ}\text{C}$
 Surface speed: $\leq 1.0\text{m/s}$
 Working medium: Lubricated as well as dry and oil-free air (after initial lubrication during assembly).
 Standard materials: Polyurethane P2001

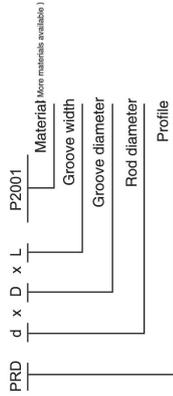
Advantages:

- ※ Minimum space requirement
- ※ Simple housing, cost-efficient in manufacturing
- ※ No additional requirements for axial securing
- ※ Smooth running due to optimum adjustment of the functional lips
- ※ Zero danger of corrosion since part consists solely of polymeric material

Installation:

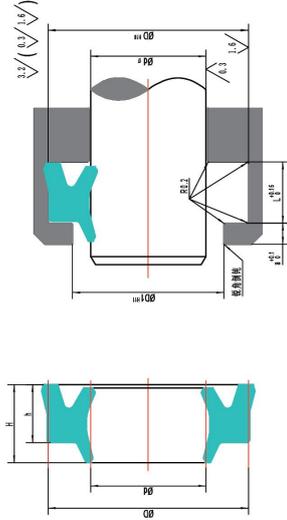
The self-retaining rod seal/wiper profile of PRD is manually snapped into the installation housing while the piston rod is disassembled. Please pay attention to prevent sharp edges from damaging the wiping and sealing lips during assembly. Initial lubrication is the prerequisite for very long operation life.

Ordering example:



For special requirements (pressure, temperature, speed etc.), please contact our technical staff.

若有特殊要求 (压力、温度、速度、介质等), 请与本公司技术部联系, 以便为您推荐合适的材料结构 Other requirements (pressure, temperature, speed, media, etc.), please contact us to recommend the appropriate materials and structures.



订货号	d	D	H	h	D1	L	a
PRD 6X9X2.7 P2001	6	9	3.5	2.5	8.1	2.7	1
PRD 6X10X3.5 P2001	6	10	4.4	3	7.6	3.5	2
PRD 8X12X4 P2001	8	12	4.75	3.4	9.6	4	2
PRD 10X14X3.5 P2001	10	14	4.9	3.4	11.6	3.5	2
PRD 12X16X3.5 P2001	12	16	4.7	3.2	13.6	3.5	2
PRD 12X16X4 P2001	12	16	4.75	3.4	13.6	4	2
PRD 12X16.5X3.7 P2001	12	16.5	4.7	3.2	14	3.7	2
PRD 14X24X5.5 P2001	14	24	6.5	5	17.6	5.5	2
PRD 16X24X6 P2001	16	24	7.4	5.5	19.4	6	2
PRD 16X26X5.5 P2001	16	26	6.5	5	19.6	5.5	2
PRD 20X28X6 P2001	20	28	7.4	5.5	23.4	6	2
PRD 20X30X7 P2001	20	30	8	6.5	23.6	7	2
PRD 25X33X6 P2001	25	33	7.4	5.5	28.4	6	2
PRD 25X35X7 P2001	25	35	8	6.5	28.6	7	2
PRD 32X42X7 P2001	32	42	8.5	6.5	36	7	2
PRD 35X43X6 P2001	35	43	6.5	5.5	39	6	2
PRD 40X50X7 P2001	40	50	8.5	6.5	44	7	2
PRD 45X53X6 P2001	45	53	6.5	5	49	6	2
PRD 50X60X6 P2001	50	60	6.5	5	56	6	2
PRD 55X63X6 P2001	55	63	6.5	5	59	6	2
PRD 60X68X6 P2001	60	68	6.5	5	64	6	2
PRD 65X73X6 P2001	65	73	6.5	5	69	6	2
PRD 70X80X7 P2001	70	80	8	6	75	7	3

* 标注此规格已有模具, 如有其它产品需求, 请与我司技术部联系

活塞密封 PPS



技术参数

工作压力: $\leq 1.6\text{MPa}$
 工作温度: $-20\sim 80^{\circ}\text{C}$
 工作速度: $\leq 1.0\text{m/s}$
 工作介质: 含油润滑的空气、干燥空气、无油空气
 (装配初始润滑后)
 标准材料: 聚氨酯 P2010

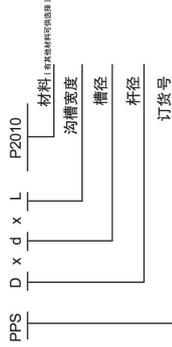
PPS 密封件主要特点

- ※ 安装沟槽小, 密封性能好
- ※ 运行非常平稳
- ※ 结构小, 因而动静摩擦都很低
- ※ 适用于干燥空气和无油空气中
- ※ 易于安装入沟槽当中
- ※ 还适用于具有缓冲作用的气缸

安装要求

为避免损坏密封件, 应将活塞和钢桶上得锐边去除。

订货号标注方法:



若有特殊要求 (压力、温度、速度等), 请与本公司的技术部联系。

PPS 活塞密封件是一种适用于气缸活塞和阀的唇形密封件。

The profile PPS cylinder seal is a single-acting lip seal for pistons in pneumatic cylinders and valves.

Technical parameter:

Working pressure: $\leq 1.6\text{MPa}$
 Working temperature: $-20\sim 80^{\circ}\text{C}$
 Surface speed: $\leq 1.0\text{m/s}$
 Working medium: Lubricated as well as dry and oil-free air (after initial lubrication during assembly).
 Standard materials: Polyurethane P2010

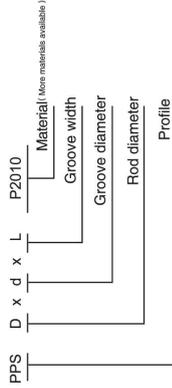
Advantages:

- ※ Good sealing performance in smallest installation grooves
- ※ Smooth running
- ※ Low static and dynamic friction
- ※ For use in dry and oil-free air
- ※ Easy assembly in the seal grooves
- ※ Also suitable for cylinders with cushioning

Installation:

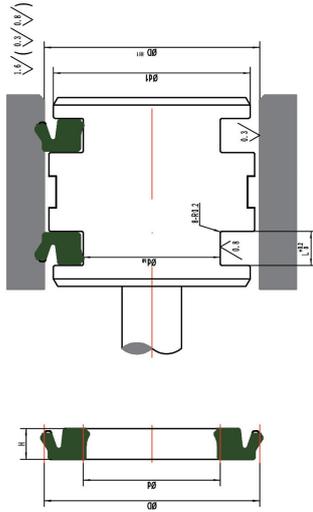
To avoid damaging the seals sharp edges should be removed from the piston and the cylinder tube.

Ordering example:



For special requirements (pressure, temperature, speed etc.), please contact our technical staff.

若有特殊要求 (压力、温度、速度、介质等), 请与本公司技术部联系, 以便为您推荐合适的材料结构 Other requirements (pressure, temperature, speed, media, etc.), please contact us to recommend the appropriate materials and structures.



PPS 型标准规格表 (单位: mm)					PPS 型标准规格表 (单位: mm)				
订货号	D	d	H	L	订货号	D	d	H	L
PPS 4X1.5X2 P2010	4	1.5	1.5	2	PPS 37X29X3.5 P2010	37	29	3.25	3.5
PPS 6X3X2.5 P2010	6	3	2	2.5	PPS 38X30X3.5 P2010	38	30	3.25	3.5
PPS 8X4.8X2.7 P2010	8	4.8	2.3	2.7	PPS 40X32X3.5 P2010	40	32	3.25	3.5
PPS 10X6X3 P2010	10	6	3.5	4	PPS 42X34X3.5 P2010	42	34	3.25	3.5
PPS 10X8X3 P2010	10	8	2.55	3	PPS 45X37X3.5 P2010	45	37	3.25	3.5
PPS 12X7X3 P2010	12	7	2.55	3	PPS 50X42X3.5 P2010	50	42	3.25	3.5
PPS 13X8X3 P2010	13	8	2.55	3	PPS 52X42X4.5 P2010	52	42	4.25	4.5
PPS 15X9X3 P2010	15	9	2.55	3	PPS 57X50.5X3.5 P2010	57	50.5	3.25	3.5
PPS 16X10X3 P2010	16	10	2.6	3	PPS 58X48X4.5 P2010	58	48	4.25	4.5
PPS 18X12X3 P2010	18	12	2.55	3	PPS 63X53X4.5 P2010	63	53	4.15	4.5
PPS 20X14X3 P2010	20	14	2.55	3	PPS 80X70X4.5 P2010	80	70	4.35	4.5
PPS 22X16X3 P2010	22	16	2.55	3	PPS 90X80X4.5 P2010	90	80	4.25	4.5
PPS 24X18X3.5 P2010	24	18	3.25	3.5	PPS 100X90X4.5 P2010	100	90	4.15	4.5
PPS 25X19X3.5 P2010	25	19	3.25	3.5	PPS 125X105X8.5 P2010	125	105	8.25	8.5
PPS 30X22X3.5 P2010	30	22	3.25	3.5	PPS 150X130X8.5 P2010	150	130	8.25	8.5
PPS 32X24X3.5 P2010	32	24	3.25	3.5	PPS 160X140X8.5 P2010	160	140	8.25	8.5
PPS 35X27X3.5 P2010	35	27	3.25	3.5	PPS 200X180X8.5 P2010	200	180	8.25	8.5

* 标注规格已有模具, 如有其它产品需求, 请与我部技术部联系



03

密封件安装与存储 Seals Installation & Storage

密封件装配注意事项

仔细合理的装配有助于避免密封件失效，建议如下

- ※ 确保所有金属件清洁无污染物
- ※ 检查密封沟槽无锐边、毛刺
- ※ 当密封件安装必需通过螺纹、孔槽等结构时，必需用到保护套筒
- ※ 确保密封结构、数量、规格符合要求
- ※ 单作用密封件安装时确保安装方向正确
- ※ 检查倒角是否何时
- ※ 安装前密封件和金属件用油脂润滑
- ※ 特定的密封结构可能需要专用的装配工具

密封件安装

Seal Installation

Advice for Seal Assembly

Careful fitting and assembling of the seals will assist in preventing seal failure. The following check list is advisable

- ※ Ensure all metal parts are clean and free from contamination
- ※ Check that the seal housing is free of sharp edges and burrs.
- ※ Where seals are to pass over threads, undercuts, etc. some form of protective sleeve should be used.
- ※ Ensure that the seal is the correct type, part number, and size as that specified.
- ※ When fitting single-acting seals particularly make certain that the pressure side of the seal is installed correctly.
- ※ Check that lead in chamfers available.
- ※ Oil the seal and surrounding metal components fitting.
- ※ Certain seal types may require appropriate fitting tools to assist in damage free assembly.

安装方法

密封件可以很轻松的安装到活塞及内部沟槽中。材料可以通过拉伸、变形、压缩等安装，经过一定时间或者通过外力又会恢复原状，这样的变化可逆并且不会对材料性能有任何影响。

密封件安装有多种方法，下面介绍的是几种简单的工具安装方法。建议用塑料工具以降低失效风险。

Installation Method

Composite Seals can be assembled easily into one piece pistons and into internal grooves. The material will stretched, deformed and compressed to allow assembly and will return to its original dimension after a period of time. If this period is unacceptable the ring can be reverted to its original size immediately by exerting a force opposite to that used to assemble in the first instance. This reversal of strain can be carried out many times with no deterioration of the material properties.

Assembly can be carried out in many ways and we show some suggestions for tools to facilitate the simplest assembly. It is recommended that the tools should be made from plastic material (POM, PA, P.V.C., etc.) to reduce the risk of any damage to the seal.

若有特殊要求（压力、温度、速度、介质等），请与本公司密切联系，以便向您推荐合适的材料和结构。
Other requirements (pressure, temperature, speed, media, etc.), please contact us to recommend the appropriate materials and structures.

密封件存储

温度

除夏天因为气候影响，一般储存温度要求低于 38℃，远离火源、辐射，避免阳光直接照射。
注意：如果温度低于 15℃时，密封件可能变硬，如果不小心处理可能导致其变形。因此安装前应将其置于 20℃以上环境中一段时间后再行使用。

湿度

仓库相对湿度应随温度变化而调整，无论如何，如果密封件不是包装于密封袋中，对于橡胶件，储存环境的相对湿度应该低于 75%，而对于聚氨酯则应低于 65%。

光照

橡胶密封件应避免光照，特别是避免日照和强烈光源下的紫外光照射。只要避免紫外光照射，通常的包装都会对密封件有良好的保护作用。

注意：推荐橡胶密封件仓库的窗口用红色或橙色的涂料或屏幕遮盖。

辐射

应该对可能由于电离辐射造成密封件损害的情况采取预防措施。

臭氧

由于臭氧对橡胶密封件损伤严重，因此储存室应该避免放置可能产生臭氧的设备如汞灯、高压设备等。排出可能由于光化学反应产生臭氧的可燃气体和有机蒸汽。

若有特殊要求 (压力、温度、速度、介质等)，请与本公司取得联系，以便为您推荐合适的材料结构。
Other requirements (pressure, temperature, speed, media, etc.), please contact us to recommend the appropriate materials and structures.



变形

橡胶密封件应避免长时间挤压和拉伸以免变形，用无应力力的包装。如有疑问，可咨询生产商。

接触液体或半固态材料

除了设计集成包装外，橡胶密封件在储存时不得与任何液态或者半固态的物质（如汽油、润滑油、酸、消毒液、清洁剂等）相接触。已经涂覆工作介质的，保持其储存于这种工作介质中。

接触金属

通常的金属及合金（特别是铜、锰、铁等）已知可能对密封件造成损害，因此橡胶密封件储存时不得与之接触（结合在一起除外）而应该单独包装储存。

接触隔离剂

隔离剂通常用于橡胶件避免其粘连，使用时用最小的添加量即可。

不同弹性体之间的接触

避免不同弹性体之间的接触，不得置于同一包装中。

橡胶和金属结合件

金属橡胶结合件不得与其它橡胶密封件相接触，结合件应单独包装。不得使用对橡胶件有影响的金属防腐剂、不使用与不符合密封件产品规格的粘合剂。

Deformation

Elastomeric seals shall be stored free from superimposed tensions and compressive stresses or other causes of deformation. Where articles are packed in strain-free condition, they shall be stored in their original packaging.

Contact with Liquid and Semi-Solid Materials

Elastomeric seals shall not be allowed to come into contact with liquid or semi-solid materials (for example, gasoline, greases, acids, disinfectants, cleaning fluids) or their vapors at any time during storage unless these materials are designed as an integral part of the component or the manufacturer's packaging. When elastomeric seals are received coated with their operational media, they shall be stored in this condition.

Contact with Metals

Certain metals and their alloys (in particular, copper, manganese, and iron) are known to have deleterious effects on elastomers. Elastomeric seals shall not be stored in contact with such metals (except when bonded to them) but shall be protected by individual packaging.

Contact with Dusting Powder

Dusting powders shall only be used for the packaging of elastomeric items in order to prevent blocking. In such instances, the minimum quantity of powder to prevent adhesion shall be used.

Contact between Different Elastomers

Contact between different polymeric elastomers and elastomers of different seals shall be avoided. They shall not be packed together in the same bag.

Elastomeric Seals with Metal Parts Bonded

The metal part of bonded elastomeric seals shall not come to contact with the elastomeric element of another seal. The bonded seal shall be individually packed. Any preservative used on the metal shall be such that it will not affect the elastomeric element or the bond to such an extent that the seal will not comply with the product specification.