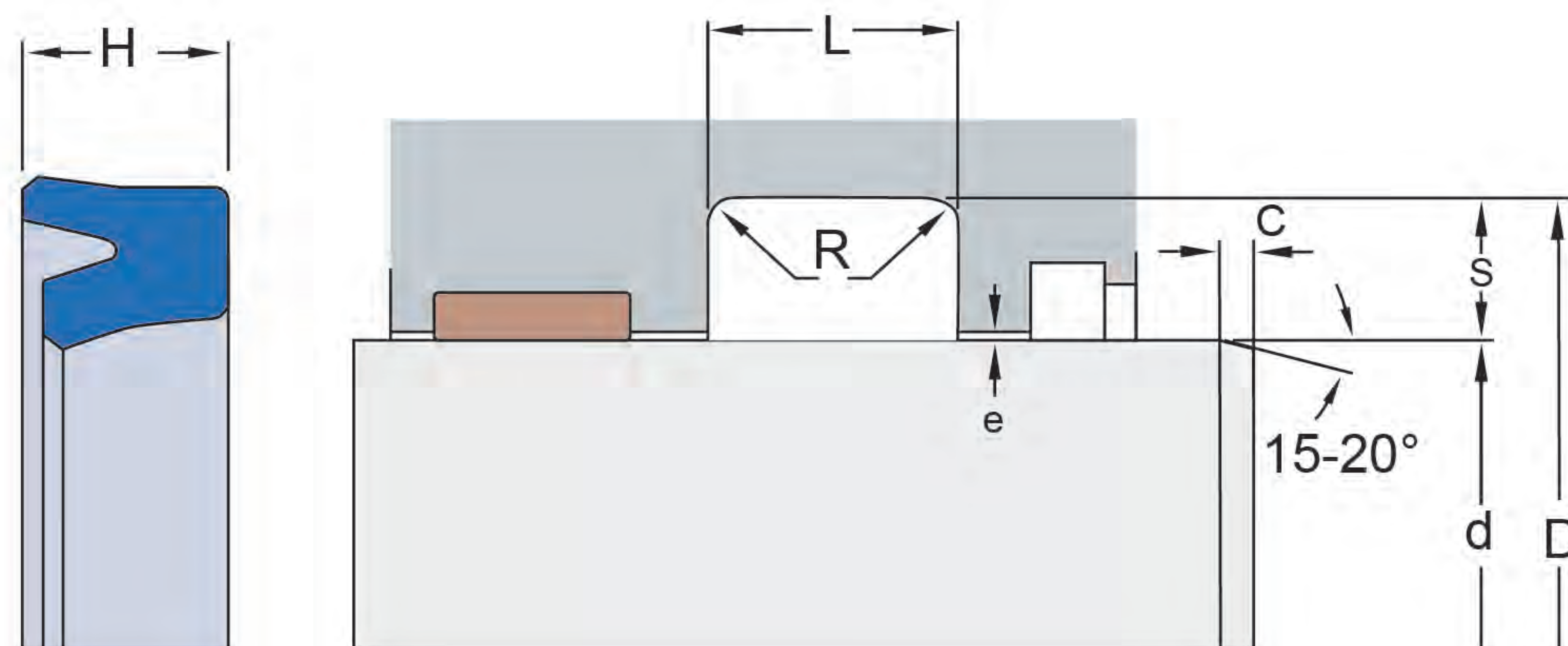
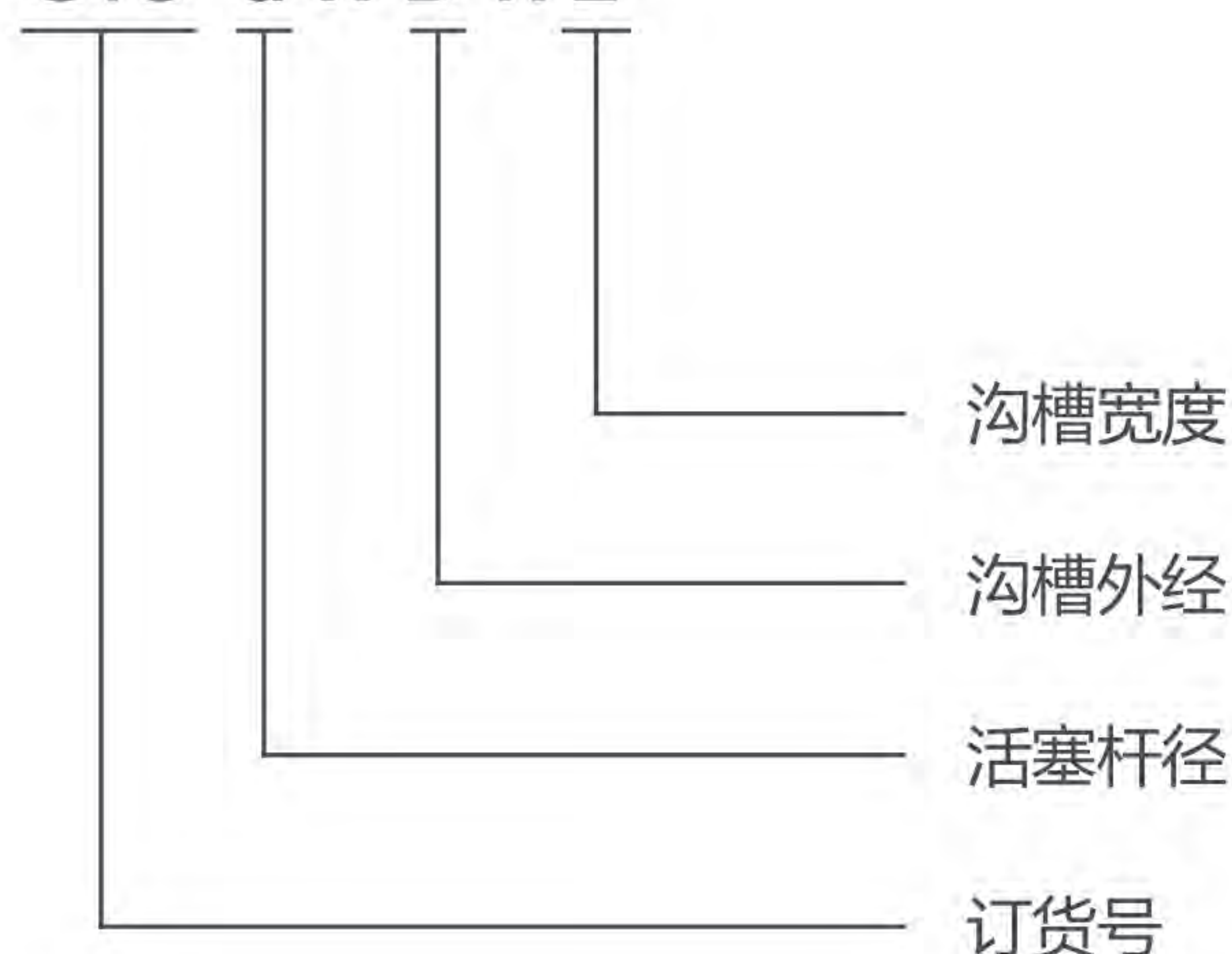


订货号标注方法:

Order number labeling method:

S1S d x D x L



S1S型标准规格表 (单位: mm)

S1S type standard specification sheet (unit: mm)

订货号	d f8/h9	D H10	L +0.2	H	订货号	d f8/h9	D H10	L +0.2	H	订货号	d f8/h9	D H10	L +0.2	H
S1S-18x26x6,3	18	26	6.3	5.7	S1S-65X75X9	65	75	9	8	S1S-100X120X16	100	120	16	15
S1S-20x28x6,3	20	28	6.3	5.7	S1S-65X75X7	65	75	7	6	S1S-100X120X13	100	120	13	12
S1S-25x33x6	25	33	6	5.5	S1S-65X78X11	65	78	11	10	S1S-105X120X11	105	120	11	10
S1S-25x35x8	25	35	8	7.3	S1S-65X80X10	65	80	10	9	S1S-105X120X10	105	120	10	9
S1S-28x38x8	28	38	8	7.3	S1S-70X80X7	70	80	7	6	S1S-105X125X16	105	125	16	15
S1S-30x40x7	30	40	7	6	S1S-70X83X11	70	83	11	10	S1S-105X125X13	105	125	13	12
S1S-32x42x8	32	42	8	7.3	S1S-70X85X10	70	85	10	9	S1S-110X125X11	110	125	11	10
S1S-35x45x7	35	45	7	6	S1S-70X85X11	70	85	11	10	S1S-110X125X10	110	125	10	9
S1S-36x46x8	36	46	8	7.3	S1S-70X90X13	70	90	13	12	S1S-110X130X11	110	130	11	10
S1S-40x50x8	40	50	8	7.3	S1S-75X85X7	75	85	7	6	S1S-110X130X16	110	130	16	15
S1S-45x55x8	45	55	8	7.3	S1S-75x85x12,4	75	85	12.4	11.4	S1S-110X130X13	110	130	13	12
S1S-50X60X7	50	60	7	6	S1S-75X88X11	75	88	11	10	S1S-115X130X10	115	130	10	9
S1S-50x60x8	50	60	8	7.3	S1S-75X90X10	75	90	10	9	S1S-115X130X11	115	130	11	10
S1S-50X60X9	50	60	9	8	S1S-80X90X7	80	90	7	6	S1S-115X135X13	115	135	13	12
S1S-50X63X11	50	63	11	10	S1S-80X93X11	80	93	11	10	S1S-120X135X10	120	135	10	9
S1S-50X65X10	50	65	10	9	S1S-80X95X11	80	95	11	10	S1S-120X140X13	120	140	13	12
S1S-50X70X13	50	70	13	12	S1S-80X95X10	80	95	10	9	S1S-120X140X16	120	140	16	15
S1S-55X65X7	55	65	7	6	S1S-80x95x12,4	80	95	12.4	11.4	S1S-125x145x16	125	145	16	15
S1S-55X65X9	55	65	9	8	S1S-80X100X13	80	100	13	12	S1S-140x155x10	140	155	10	9
S1S-55x65x10	55	65	10	9	S1S-85X100X10	85	100	10	9	S1S-160x180x16	160	180	16	15
S1S-55X68X11	55	68	11	10	S1S-85X100X11	85	100	11	10	S1S-180x200x14	180	200	14	13
S1S-55X70X10	55	70	10	9	S1S-85X105X13	85	105	13	12	S1S-180x205x20	180	205	20	18
S1S-55X75X13	55	75	13	12	S1S-90X105X11	90	105	11	10	S1S-200x220x14	200	220	14	13
S1S-60X70X9	60	70	9	8	S1S-90X105X10	90	105	10	9	S1S-240x260x16	240	260	16	15
S1S-60X70X7	60	70	7	6	S1S-90X110X13	90	110	13	12					
S1S-60X73X11	60	73	11	10	S1S-95X110X10	95	110	10	9					
S1S-60X75X11	60	75	11	10	S1S-95X110X11	95	110	11	10					
S1S-60X75X10	60	75	10	9	S1S-95X115X13	95	115	13	12					
S1S-60X80X13	60	80	13	12	S1S-100X115X11	100	115	11	10					
S1S-63x78x10	63	78	10	9	S1S-100X115X10	100	115	10	9					

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主油封DZ

ROD SEAL DZ



技术参数

- ※ 工作温度: $-50^{\circ}\text{C} \sim +100^{\circ}\text{C}$
 $-60^{\circ}\text{C} \sim +120^{\circ}\text{C}$ (极限温度范围)
- ※ 工作速度: $\leq 1\text{m/s}$
- ※ 工作压力: $\leq 40\text{MPa}$
- ※ 工作介质: 液压油 (矿物油基)
- ※ 材料: NBR+TPU/TPC

DZ密封件主要特点

- ※ 具备优秀的低温密封特性;
- ※ NBR主密封唇还提高了长期的密封性能并能减轻活塞杆和液压缸头之间的径向偏转。
- ※ 根部材料高硬度, 抗挤出性强, 可不需安装挡圈使用;
- ※ 特别适合维修油缸的密封。

安装要求

- ※ 这类密封应有轴向间隙。为了避免损坏唇口, 安装时不要在锐边上拉动。对维修油缸, 一定要清洗好沟槽底部的污物和锈斑, 以防外侧发生渗油。在更换密封的同时, 检查下油缸导向元件 (或无油轴承), 确保没有太大的磨损, 在合理的范围之内。另外检查维修油缸的活塞杆部件是否有脱铬, 碰伤等现象, 以免损坏密封唇口。



DZ型密封件将NBR主密封唇与LUBRITHANE (TPU) 辅助密封唇结合到一个密封中。该组合可以提供良好的低温回弹性, 并且在重载应用中适用高达40MPa的压力。还可以应要求提供材料为FLUOROTREL/TPC辅助密封圈设计。

The DZ seal combines the NBR primary seal lip with the LUBRITHANE (TPU) auxiliary seal lip into a seal. This combination provides good low temperature resilience and is suitable for pressures up to 40 MPa in medium to heavy duty applications. Materials are also available on request for FLUOROTREL/TPC auxiliary seals.

Technical Parameters

- ※ Working temperature: $-50^{\circ}\text{C} \sim +100^{\circ}\text{C}$
 $-60^{\circ}\text{C} \sim +120^{\circ}\text{C}$ (Limit temperature range)
- ※ Working speed: $\leq 1\text{m/s}$
- ※ Working pressure: $\leq 40\text{MPa}$
- ※ Working medium: hydraulic oil (mineral oil base)
- ※ Materials: NBR+TPU/TPC

DZ Seal Main Features

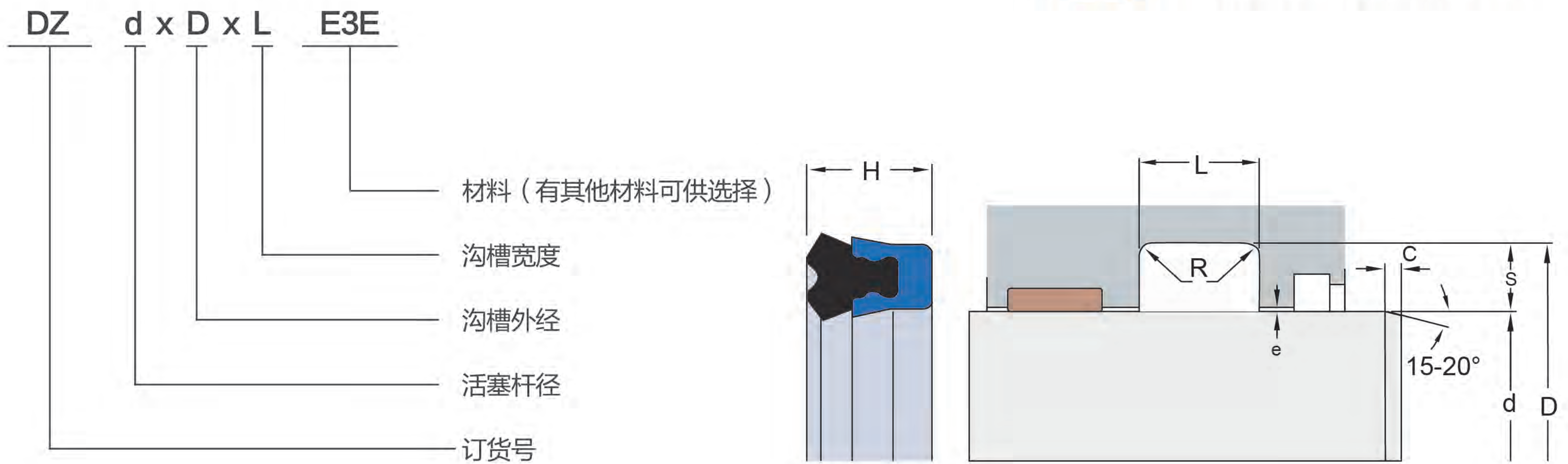
- ※ Excellent low temperature sealing properties;
- ※ The NBR primary seal lip also improves long-term sealing performance and reduces radial deflection between the piston rod and the cylinder head;
- ※ The root material has high hardness and strong extrusion resistance, and can be used without installing a retaining ring;
- ※ Particularly suitable for repairing the seal of the cylinder.

Installation Requirements

- ※ This type of seal should have an axial gap. To avoid damage to the lip, do not pull on the sharp edge during installation. For the maintenance cylinder, be sure to clean the dirt and rust on the bottom of the groove to prevent oil leakage on the outside. While replacing the seal, check the lower cylinder guide element (or oil-free bearing) to ensure that there is not much wear and tear, within reasonable limits. In addition, check the piston rod parts of the maintenance cylinder for chrome removal, bumping, etc., so as not to damage the sealing lip.

订货号标注方法:

Order number labeling method:



DZ型标准规格表 (单位: mm)

DZ type standard specification sheet (unit: mm)

订货号	d f8/h9	D H10	L +0.2	H	S	R max	C min
DZ-65X78X14.3-E3E	65	78	14.3	13	6.5	0.2	6
DZ-65X80X13.2-E3E	65	80	13.2	12	7.5	0.2	6
DZ-70X83X14.3-E3E	70	83	14.3	13	6.5	0.2	6
DZ-70X85X13.2-E3E	70	85	13.2	12	7.5	0.2	6
DZ-75X88X14.3-E3E	75	88	14.3	13	6.5	0.2	6
DZ-75X90X13.2-E3E	75	90	13.2	12	7.5	0.2	6
DZ-80X93X14.3-E3E	80	93	14.3	13	6.5	0.2	6
DZ-80X95X13.2-E3E	80	95	13.2	12	7.5	0.2	6
DZ-85X100X13.2-E3E	85	100	13.2	12	7.5	0.5	8.5
DZ-90X105X13.2-E3E	90	105	13.2	12	7.5	0.5	8.5
DZ-95X110X13.2-E3E	95	110	13.2	12	7.5	0.5	8.5
DZ-95X110X9.9-E3E	95	110	9.9	9	7.5	0.5	8.5
DZ-95X115X16.5-E3E	95	115	16.5	15	10	0.5	8.5
DZ-100X115X13.2-E3E	100	115	13.2	12	7.5	0.5	8.5
DZ-100X120X16.5-E3E	100	120	16.5	15	10	0.5	8.5
DZ-105X125X16.5-E3E	105	125	16.5	15	10	0.5	8.5
DZ-110X125X13.2-E3E	110	125	13.2	12	7.5	0.5	8.5
DZ-110X130X16.5-E3E	110	130	16.5	15	10	0.5	8.5
DZ-115X130X13.2-E3E	115	130	13.2	12	7.5	0.5	8.5
DZ-120X140X16.5-E3E	120	140	16.5	15	10	0.5	8.5

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缓冲密封RBB

BUFFER SEAL RBB



技术参数

- ※ 工作温度: $-30^{\circ}\text{C} \sim +110^{\circ}\text{C}$
 $-60^{\circ}\text{C} \sim +130^{\circ}\text{C}$ (极限温度范围)
- ※ 工作速度: $\leq 1\text{m/s}$
- ※ 工作压力: $\leq 69\text{MPa}$ (压力峰值达 100MPa)
- ※ 工作介质: 液压油 (矿物油基)
- ※ 材 料: 聚氨酯+PA/POM

RBB缓冲密封件主要特点

- ※ 标准型SKF油缸用缓冲密封圈;
- ※ 原装配套CAT、VOLVO挖机油缸用缓冲密封;

安装要求

- ※ 这类密封应有轴向间隙。为了避免损坏唇口, 安装时不要在锐边上拉动。安装时注意挡圈的正反面 (挡圈圆弧面朝上安装对准聚氨酯部分圆弧面), 防止装反挡圈。对维修油缸, 一定要清洗好沟槽底部的污物和锈斑; 另外检查维修油缸的活塞杆部件是否有脱铬, 碰伤等现象, 以免损坏密封唇口。



RBB型密封件是一种带挡圈的紧凑密封。这种密封适应于极端峰值压力和重载应用下的苛刻工况, 并且适应于高达 690bar (10000psi)的压力。RBB缓冲密封件将主油封与这种负载隔开。由于具备特殊的结构, 这种密封能将处于主油封与缓冲密封之间形成的压力传递回系统。

The RBB seal is a seal with a backup ring. This seal is suitable for extreme peak pressure and demanding conditions in heavy duty applications and is suitable for pressures up to 690 bar ($10,000\text{ psi}$). The RBB cushion seal separates the main oil seal from this load. Thanks to its special construction, this seal transmits the pressure between the main oil seal and the buffer seal back to the system.

Technical Parameters

- ※ Working temperature: $-30^{\circ}\text{C} \sim +110^{\circ}\text{C}$
 $-60^{\circ}\text{C} \sim +130^{\circ}\text{C}$ (Limit temperature range)
- ※ Working speed: $\leq 1\text{m/s}$
- ※ Working pressure: $\leq 69\text{MPa}$ (pressure peak up to 100MPa)
- ※ Working medium: hydraulic oil (mineral oil base)
- ※ Materials: PU+PA/POM

RBB Buffer Seal Main Features

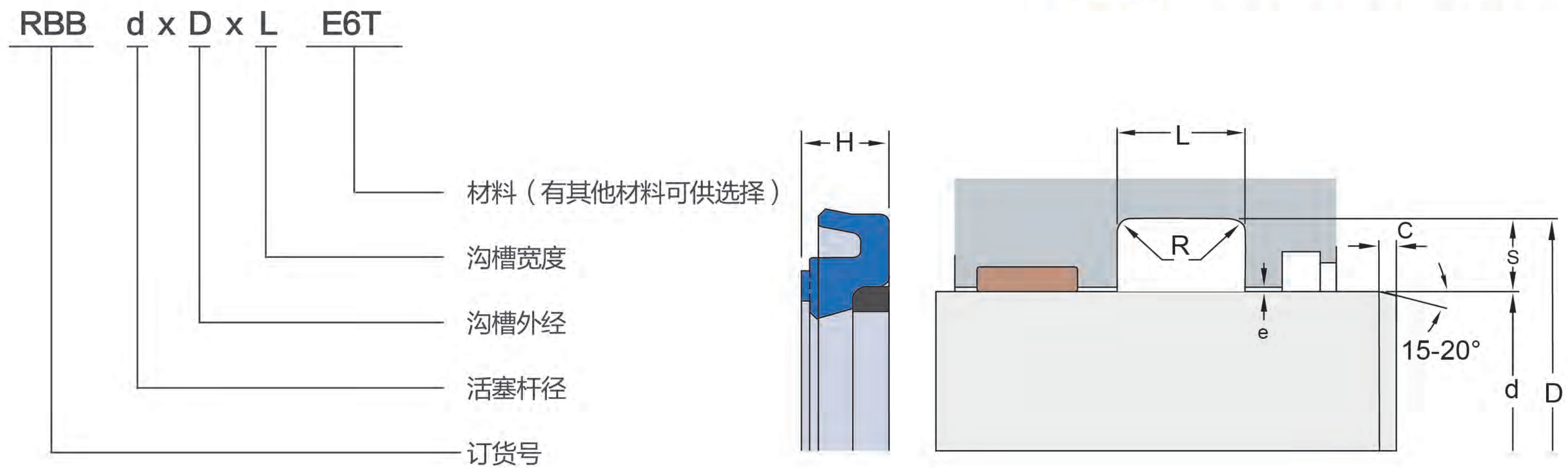
- ※ Buffer seal for standard SKF cylinder;
- ※ Original matching CAT, VOLVO digging machine cylinder with buffer seal.

Installation Requirements

- ※ This type of seal should have an axial gap. To avoid damage to the lip, do not pull on the sharp edge during installation. For the maintenance cylinder, be sure to clean the dirt and rust on the bottom of the groove to prevent oil leakage on the outside. While replacing the seal, check the lower cylinder guide element (or oil-free bearing) to ensure that there is not much wear and tear, within reasonable limits. In addition, check the piston rod parts of the maintenance cylinder for chrome removal, bumping, etc., so as not to damage the sealing lip.

订货号标注方法:

Order number labeling method:



RBB型标准规格表 (单位: mm)

RBB type standard specification sheet (unit: mm)

订货号	d	D H9	L +0.2	H	S	R max	C min
RBB-40X55.5X6.3-E6T	40	55.5	6.3	6	7.75	0.7	8
RBB-45X60.5X6.3-E6T	45	60.5					
RBB-50X65.5X6.3-E6T	50	65.5					
RBB-55X70.5X6.3-E6T	55	70.5					
RBB-60X75.5X6.3-E6T	60	75.5					
RBB-65X80.5X6.3-E6T	65	80.5					
RBB-70X85.5X6.3-E6T	70	85.5					
RBB-75X90.5X6.3-E6T	75	90.5					
RBB-80X95.5X6.3-E6T	80	95.5					
RBB-85X100.5X6.3-E6T	85	100.5					
RBB-90X105.5X6.3-E6T	90	105.5					
RBB-95X110.5X6.3-E6T	95	110.5					
RBB-100X115.5X6.3-E6T	100	115.5					
RBB-105X120.5X6.3-E6T	105	120.5					
RBB-110X125.5X6.3-E6T	110	125.5					
RBB-115X130.5X6.3-E6T	115	130.5					
RBB-120X135.5X6.3-E6T	120	135.5					
RBB-125X140.5X6.3-E6T	125	140.5					
RBB-130X145.5X6.3-E6T	130	145.5					
RBB-135X150.5X6.3-E6T	135	150.5					
RBB-140X155.5X6.3-E6T	140	155.5					

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缓冲密封HRB

BUFFER RING HRB



技术参数

- ※ 工作温度: $-35^{\circ}\text{C}\sim+110^{\circ}\text{C}$
- ※ 工作速度: $\leq 0.5\text{m/s}$
- ※ 工作压力: $\leq 50\text{MPa}$ (压力峰值达 100MPa)
- ※ 工作介质: 液压油 (矿物油基)
- ※ 材 料: 唯万自主研发的聚氨酯+改性PA/POM

HRB缓冲密封件主要特点

- ※ 采用欧美密封设计标准;
- ※ 缓冲挡圈不分正反面, 不担心装反;
- ※ 聚氨酯部分采用低变形、高回弹, 综合力学性能优异的材料做成, 挡圈采用改性尼龙或改性聚甲醛材料, 使用寿命更长。

安装要求

- ※ 这类密封应有轴向间隙。为了避免损坏唇口, 安装时不要在锐边上拉动。对维修油缸, 一定要清洗好沟槽底部的污物和锈斑; 另外检查维修油缸的活塞杆部件是否有脱铬, 碰伤等现象, 以免损坏密封唇口。



HRB型活塞杆密封是一种带挡圈的紧凑密封。这种密封主要运用在有冲击压力的密封系统中, 用作缓冲密封。HRB缓冲密封件将主油封与这种负载隔开。由于具备特殊的结构, 这种密封能将处于主油封与缓冲密封之间形成的压力传递回系统。

The HRB piston rod seal is a compact seal with a retaining ring. This seal is mainly used in a sealing system with impact pressure as a buffer seal. The HRB cushion seal separates the main oil seal from this load. Thanks to its special construction, this seal transmits the pressure between the main oil seal and the buffer seal back to the system.

Technical Parameters

- ※ Working temperature: $-35^{\circ}\text{C}\sim+110^{\circ}\text{C}$
- ※ Working speed: $\leq 0.5\text{m/s}$
- ※ Working pressure: $\leq 50\text{MPa}$ (pressure peak up to 100MPa)
- ※ Working medium: hydraulic oil (mineral oil base)
- ※ Materials: Weiwan self-develop PU+PA/POM

HRB Buffer Seal Main Features

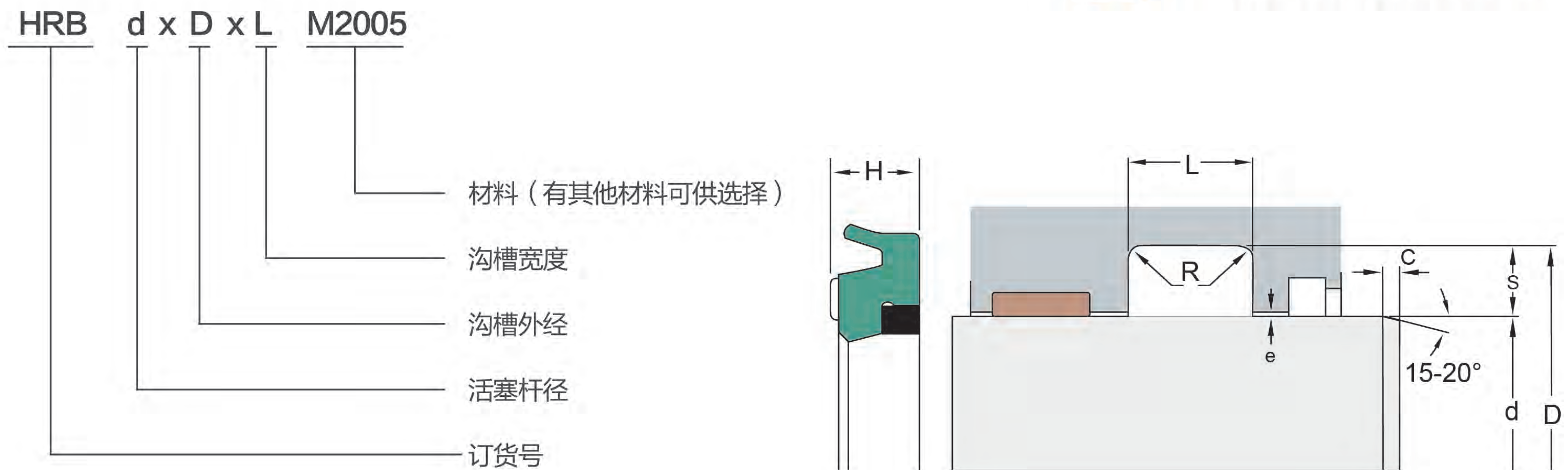
- ※ Adopt European and American seal design standards;
- ※ Buffer retaining ring does not distinguish between front and back, no worry about loading wrong;
- ※ The polyurethane part is made of low-deformation, high-rebound, and excellent in mechanical properties. The retaining ring is made of modified nylon or modified polyacetal, which has a longer service life.

Installation Requirements

- ※ This type of seal should have an axial gap. To avoid damage to the lip, do not pull on the sharp edge during installation. For the maintenance cylinder, be sure to clean the dirt and rust at the bottom of the groove; also check whether the piston rod parts of the maintenance cylinder have chrome removal, bumping, etc., so as not to damage the sealing lip.

订货号标注方法:

Order number labeling method:



HBR型标准规格表 (单位: mm)

HRB type standard specification sheet (unit: mm)

订货号	d	D H9	L +0.2	H	S	R max	C min
HRB-40X55.5X6.3-M2005	40	55.5	6.3	6	7.75	0.7	8
HRB-45X56X4.2-M2005	45	56	4.2	4	5.5	0.55	6
HRB-45X60.5X6.3-M2005	45	60.5	6.3	6	7.75	0.7	8
HRB-50X65.5X6.3-M2005	50	65.5					
HRB-55X65.7X4.2-M2005	55	65.7	4.2	4	5.35	0.55	6
HRB-55X70.5X6.3-M2005	55	70.5	6.3	6	7.75	0.7	8
HRB-60X75.5X6.3-M2005	60	75.5					
HRB-65X80.5X6.3-M2005	65	80.5					
HRB-70X85.5X6.3-M2005	70	85.5					
HRB-75X90.5X6.3-M2005	75	90.5					
HRB-80X95.5X6.3-M2005	80	95.5					
HRB-85X100.5X6.3-M2005	85	100.5					
HRB-90X105.5X6.3-M2005	90	105.5					
HRB-95X110.5X6.3-M2005	95	110.5					
HRB-100X115.5X6.3-M2005	100	115.5					
HRB-105X120.5X6.3-M2005	105	120.5					
HRB-110X125.5X6.3-M2005	110	125.5					
HRB-115X130.5X6.3-M2005	115	130.5					
HRB-120X135.5X6.3-M2005	120	135.5					
HRB-125X140.5X6.3-M2005	125	140.5					
HRB-130X145.5X6.3-M2005	130	145.5					
HRB-135X150.5X6.3-M2005	135	150.5					
HRB-140X155.5X6.3-M2005	140	155.5					
HRB-140X156.2X6.3-M2005	140	156.2	6.3	6	8.1	0.7	8
HRB-150X165.5X6.3-M2005	150	165.5	6.3	6	7.75	0.7	8
HRB-155X170.5X6.3-M2005	155	170.5					
HRB-160X175.5X6.3-M2005	160	175.5					
HRB-170X185.5X6.3-M2005	170	185.5					
HRB-180X195.5X6.3-M2005	180	195.5					

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缓冲密封HRX

BUFFER RING HRX



技术参数

- ※ 工作温度: $-35^{\circ}\text{C} \sim +110^{\circ}\text{C}$
- ※ 工作速度: $\leq 0.5\text{m/s}$
- ※ 工作压力: $\leq 50\text{MPa}$ (压力峰值达 100MPa)
- ※ 工作介质: 液压油 (矿物油基)
- ※ 材 料: 唯万自主研发的聚氨酯+改性尼龙

HRX缓冲密封件主要特点

- ※ 采用日系密封设计标准;
- ※ 缓冲外侧根部增加泄压通道, 提高回油能力, 防止困压反向产生挤出破坏;
- ※ 聚氨酯部分采用低变形、高回弹, 综合力学性能优异的材料做成, 挡圈采用改性尼龙材料, 使用寿命更长。

安装要求

- ※ 这类密封应有轴向间隙。为了避免损坏唇口, 安装时不要在锐边上拉动。安装时注意挡圈的正反面 (挡圈圆弧面朝上安装对准聚氨酯部分圆弧面), 防止装反挡圈。对维修油缸, 一定要清洗好沟槽底部的污物和锈斑; 另外检查维修油缸的活塞杆部件是否有脱铬, 碰伤等现象, 以免损坏密封唇口。



HRX型活塞杆密封是一种带挡圈的紧凑密封。这种密封主要运用在有冲击压力的密封系统中, 用作缓冲密封。HRX缓冲密封件将主油封与这种负载隔开。由于具备特殊的结构, 这种密封能将处于主油封与缓冲密封之间形成的压力传递回系统。

The HRX piston rod seal is a compact seal with a retaining ring. This seal is mainly used in a sealing system with impact pressure as a buffer seal. The HRB cushion seal separates the main oil seal from this load. Thanks to its special construction, this seal transmits the pressure between the main oil seal and the buffer seal back to the system.

Technical Parameters

- ※ Working temperature: $-35^{\circ}\text{C} \sim +110^{\circ}\text{C}$
- ※ Working speed: $\leq 0.5\text{m/s}$
- ※ Working pressure: $\leq 50\text{MPa}$ (pressure peak up to 100MPa)
- ※ Working medium: hydraulic oil (mineral oil base)
- ※ Materials: Weiwan self-develop PU+NY

HRX Buffer Seal Main Features

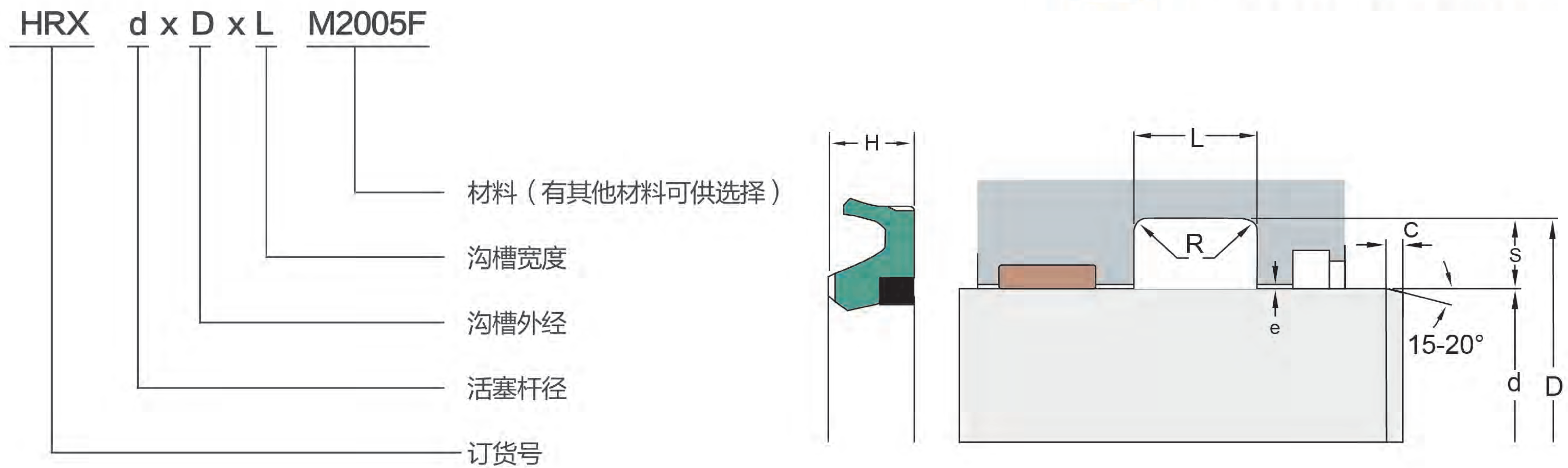
- ※ Adopt Japanese seal design standards;
- ※ The outer root of the buffer increases the pressure relief passage to improve the oil returning ability and prevent the extrusion pressure from being reversely generated by the trapped pressure;
- ※ The polyurethane part is made of low-deformation, high-rebound, and excellent in mechanical properties. The retaining ring is made of modified nylon or modified polyacetal, which has a longer service life.

Installation Requirements

- ※ This type of seal should have an axial gap. To avoid damage to the lip, do not pull on the sharp edge during installation. For the maintenance cylinder, be sure to clean the dirt and rust on the bottom of the groove to prevent oil leakage on the outside. While replacing the seal, check the lower cylinder guide element (or oil-free bearing) to ensure that there is not much wear and tear, within reasonable limits. In addition, check the piston rod parts of the maintenance cylinder for chrome removal, bumping, etc., so as not to damage the sealing lip.

订货号标注方法:

Order number labeling method:



HRX型标准规格表 (单位: mm)

HRX type standard specification sheet (unit: mm)

订货号	d	D H9	L +0.2	H	S	R max	C min
HRX-40X55.5X6.3-M2005F	40	55.5	6.3	6	7.75	0.7	8
HRX-45X60.5X6.3-M2005F	45	60.5					
HRX-50X65.5X6.3-M2005F	50	65.5					
HRX-55X70.5X6.3-M2005F	55	70.5					
HRX-60X75.5X6.3-M2005F	60	75.5					
HRX-65X80.5X6.3-M2005F	65	80.5					
HRX-70X85.5X6.3-M2005F	70	85.5					
HRX-75X90.5X6.3-M2005F	75	90.5					
HRX-80X95.5X6.3-M2005F	80	95.5					
HRX-85X100.5X6.3-M2005F	85	100.5					
HRX-90X105.5X6.3-M2005F	90	105.5					
HRX-95X110.5X6.3-M2005F	95	110.5					
HRX-100X115.5X6.3-M2005F	100	115.5					
HRX-105X120.5X6.3-M2005F	105	120.5					
HRX-110X125.5X6.3-M2005F	110	125.5					
HRX-115X130.5X6.3-M2005F	115	130.5					
HRX-120X135.5X6.3-M2005F	120	135.5					
HRX-125X140.5X6.3-M2005F	125	140.5					
HRX-130X145.5X6.3-M2005F	130	145.5					
HRX-135X150.5X6.3-M2005F	135	150.5					
HRX-140X155.5X6.3-M2005F	140	155.5					

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活塞密封HPK

PISTON SEAL HPK



技术参数

- ※ 工作温度: $-30^{\circ}\text{C} \sim +110^{\circ}\text{C}$
- ※ 工作速度: $\leq 1\text{m/s}$
- ※ 工作压力: $\leq 80\text{MPa}$ (压力峰值达 100MPa)
- ※ 工作介质: 液压油 (矿物油基)
- ※ 材 料: 丁腈橡胶+改性尼龙

HPK活塞密封件主要特点

- ※ 产品为开口式结构, 安装方便;
- ※ 滑环特殊材料制成, 可在大配合间隙下使用;
- ※ 工作时可以过孔使用;
- ※ 沟槽尺寸与格莱圈尺寸一致, 在某些工况下可替代格莱圈使用。

安装要求

- ※ 安装沟槽仔细去除毛刺并清洗干净。缸内径入口处应倒角。如果缸筒内过小孔, 缸壁上的小孔一定要倒角处理。



HPK型活塞密封件由具有阶梯开口的滑环和矩形弹性体组合而成。该设计适应于高达 80MPa 的压力, 在某些情况下还可更高。由于密封滑环特殊材料制成, 可通过油缸缸体上的过油孔; 同时还具有很小的启动和运行摩擦阻力; 产品耐磨损性好, 使用寿命长。

HPK piston seal is a combination of a slip ring with a stepped opening and a rectangular elastomer. The design is adapted to pressures up to 80MPa and in some cases even higher. Due to the special material of the sealing slip ring, it can pass through the oil hole on the cylinder block; it also has a small starting and running friction resistance; the product has good wear resistance and long service life time.

Technical Parameters

- ※ Working temperature: $-30^{\circ}\text{C} \sim +110^{\circ}\text{C}$
- ※ Working speed: $\leq 1.0\text{m/s}$
- ※ Working pressure: $\leq 80\text{MPa}$ (pressure peak up to 100MPa)
- ※ Working medium: hydraulic oil (mineral oil base)
- ※ Materials: NBR+NY

HPK Piston Seal Main Features

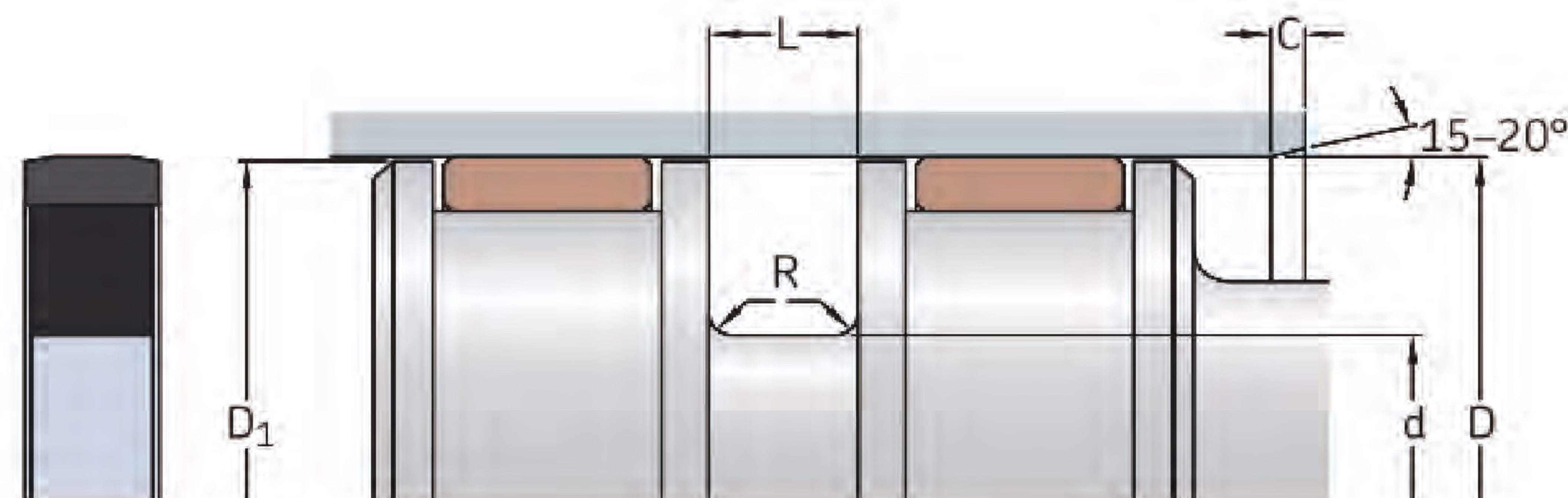
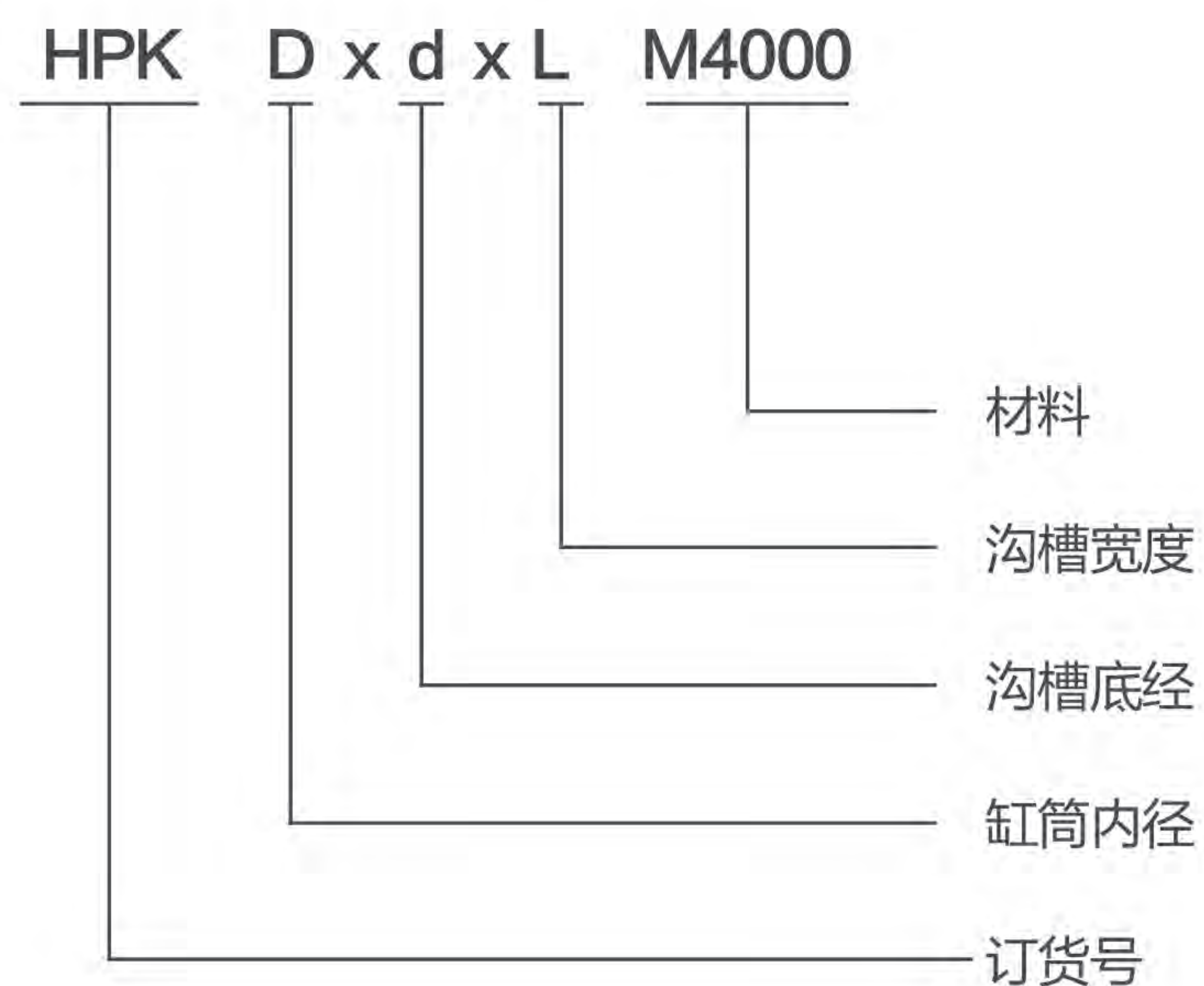
- ※ The product is open structure and easy to install;
- ※ The slip ring is made of special material and can be used under large matching clearance;
- ※ Can be used in the hole during work;
- ※ The groove size is the same as the size of the Glyd ring, and can be used in place of the Glyd ring under certain working conditions;

Installation Requirements

- ※ Install the groove carefully and clean it. The cylinder inner diameter entrance should be chamfered. If there is a small hole in the cylinder, the hole in the cylinder wall must be chamfered.

订货号标注方法:

Order number labeling method:



HRK型标准规格表 (单位: mm)

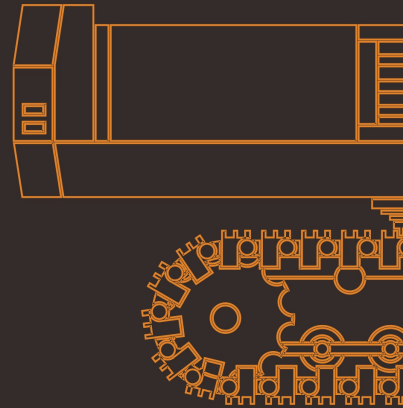
HRK type standard specification sheet (unit: mm)

订货号	D H9	d h9	L +0.2	D1	R max	C min
HPK 42X30X4.2 M4000	42	30	4.2	41.3	0.3	7
HPK 63X47.5X6.3 M4000	63	47.5	6.3	62	0.5	10
HPK 80X59X8.1 M4000	80	59	8.1	79	0.9	12
HPK 80X64.5X6.3 M4000	80	64.5	6.3	79	0.5	10
HPK 90X69X8.1 M4000	90	69	8.1	89	0.9	12
HPK 90X74.5X6.3 M4000	90	74.5	6.3	89	0.5	10
HPK 100X79X8.1 M4000	100	79	8.1	99	0.9	12
HPK 100X84.5X6.3 M4000	100	84.5	6.3	99	0.5	10
HPK 110X94.5X6.3 M4000	110	94.5	6.3	109	0.5	10
HPK 120X99X8.1 M4000	120	99	8.1	118.8	0.9	12
HPK 125X104X8.1 M4000	125	104	8.1	123.8	0.9	12
HPK 125X109.5X6.3 M4000	125	109.5	6.3	124	0.5	10
HPK 130X109X8.1 M4000	130	109	8.1	128.8	0.9	12
HPK 135X114X8.1 M4000	135	114	8.1	133.8	0.9	12
HPK 140X119X8.1 M4000	140	119	8.1	138.8	0.9	12
HPK 145X124X8.1 M4000	145	124	8.1	143.8	0.9	12
HPK 150X129X8.1 M4000	150	129	8.1	148.8	0.9	12
HPK 160X139X8.1 M4000	160	139	8.1	158.8	0.9	12
HPK 165X144X8.1 M4000	165	144	8.1	163.8	0.9	12
HPK 170X149X8.1 M4000	170	149	8.1	168.8	0.9	12
HPK 175X154X8.1 M4000	175	154	8.1	173.8	0.9	12
HPK 180X159X8.1 M4000	180	159	8.1	178.8	0.9	12
HPK 190X169X8.1 M4000	190	169	8.1	188.8	0.9	12
HPK 200X179X8.1 M4000	200	179	8.1	198.8	0.9	12

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