应用奈米科技股份有限公司

APPLIED NANO TECHNOLOGY SCIENCE, INC.

STANDARD

标准品产品总表

1.什麽是磁流体?
磁流体是由磁性微粒，界面活性分子与基础载液所组成。 磁性微粒为奈米（nanometer, 10^{-9} 公尺 ）级的铁磁分子，以界面活性分子披覆，均匀分散於基础载液中，有如一团流动的铁磁物质。当受到外加磁场的影响，会沿著磁力线分布形成各种形状。若在微小的间隙中，外加以磁场，置入磁流体，将形成一堵隔绝两侧环境屏障。

2.磁流体如何形成轴封?
磁流体轴承的轴封部份，由 磁石、 导磁环与 可导磁的旋转轴形成磁力环路，将 磁流体 置於导磁环与旋转轴的间隙，受磁力环路的拘束，可形成阻绝大气进人真空腔体的环型屏障。

3.为何磁流体轴封比橡胶轴封耐久?
磁流体轴封与传统O型封环不同，磁流体对旋转轴不产生摩擦。利用磁流体作为轴封材料，有如『液态O型封环』，在旋转轴上形成阻绝大气进人真空腔体的环型屏障， 较之以传统橡胶封环技术，具有不易磨损、无微屑污染、高速低滞等优点。正常使用下，可以数年不须保养或置换。

4.磁流体轴封可以在高温环境下运作吗?
磁流体轴封内的永久磁石及磁流体无法忍受在超过其特性温度下操作。永久磁石温度上限在 120°C 左右，而以碳氢化合物为基础的磁流体，安全温度上限在 150°C 左右。除非有适当的冷却设计，千万不可超出温度上限操作。必须在高温下操作时，请考虑使用 AW 系列水冷式磁流体轴封。

5.使用磁流体的限制
磁流体轴封的外壳以非磁性不锈钢材料制作，以屏蔽磁力对附近的电磁元件的影响。在使用磁流体轴封时，必需注意周围 20 公分以内的电磁元件布局。外在的强力磁场，也可能影响磁流体轴封 之正常运作。

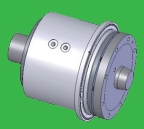
长时间静置的磁流体轴封，在进人施加压力差及全速运转前，必须先行转动数圈，让磁流体在磁场中能均匀分布，以延长磁流体轴封的使用寿命。

初次使用经长时间静置的磁流体轴封，转轴因为磁流体中磁性微粒的有序排列，磁性增强，会较平常时难以转动。在进人正常运转前，必须先行转动一、二圈，增加磁性微粒的乱度，以降低磁性及转动之转矩。订定驱动马达规格时，请注意其启动转矩要在 4 kgf˙cm 以上。

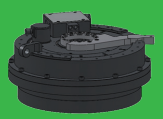
磁流体轴封因应不同环境之需求，会有不同基础载液的磁流体。一般用於真空轴封的磁流体，不能用於流体或化学蒸气的密封。如有特殊的环境需求，必需选用不同化学特性的磁流体。

轴封两侧的轴承，通常是高速转动下的热源所在。为保持磁石的永久磁性，切勿超过规格的最高转速。较常温为高的大气温度，会降低磁石在高速转动下的耐 温程度。

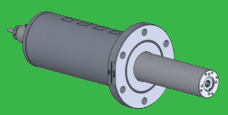
SEMICON



FPD



LED



1.What is Ferrofluid ?
Ferrofluid is composed of magnetic nanoparticles, surfactant and carrier fluid. Nanoparticles are nano-scale ferro materials. They will be coated by surfactant then to disperse homogenously in carrier fluid acting together as a magnetic liquid. When Ferrofluid is magnetized by magnetic field, Ferrofluid will be shaped according to the magnetic lines. If Ferrofluid is placed in a small vacancy and contained by magnetic field, a seal will be formed to separate ambient to the other.

2.How is Ferrofluid composed into a Magnetic Rotary Feedthrough ?
The seal of Magnetic Rotary Feedthrough is composed by Permanent Magnet, Permeable rings and shaft. The Ferrofluid is placed and confined within designed magnetic field to act as a seal in between vacuum and ambient.

3.Why is Magnetic Rotary Feedthrough durable than common O-ring seal ?
Magnetic Rotary Feedthrough is distinguished from traditional O-ring seal. Magnetic Rotary Feedthrough is running with Ferrofluid as a liquid O-ring resulting in no solid friction to shaft. The advantages are no friction, no particle contamination, low driving force at high rpm. Magnetic Rotary Feedthrough can run well for years.

4.Is Magnetic Rotary Feedthrough working well in high-temperature conditions ?
The permanent magnet and Ferrofluid in Magnetic Rotary Feedthrough is not supposed to run at temperature higher than specification. The upper limit for permanent magnet and Hydrocarbon Ferrofluid are at around 120°C and 150°C, respectively. Nevertheless, if the operating condition is over the specification, a cooling system or circuit could be implemented to protect the critical parts. The “W” series in “cooling” column of specification table are feasible to such applications.

5.Limitations to Magnetic Rotary Feedthrough applications.
The housing of Magnetic Rotary Feedthrough is made of non-magnetic material to barrier the magnetic field inside the housing to prevent any influence to neighboring electric-magnetic devices. Vice versa, neighboring massive magnetic field will possibly impact the function of Magnetic Rotary Feedthrough. A 20 cm range should be noted in caution.

A long time steady Magnetic Rotary Feedthrough should manually rotate for a while before running with bias pressure and full speed. The manual rotation could homogenize again the Ferrofluid inside.

When you unpack Magnetic Rotary Feedthrough, it might be stored for a while in your warehouse and you should manually rotate several turns to homogenize the Ferrofluid. The nanoparticles could stacked together tightly after long steady deposition, therefore, it’s recommended to rotate a bit to disturb the distribution to reduce the initiating torque of the Magnetic Rotary Feedthrough. When a motor is connected to Magnetic Rotary Feedthrough, the motor rotating torque should be larger than 4 kgf-cm.

Magnetic Rotary Feedthrough is designed and fit to different operating conditions with different Ferrofluid. A Magnetic Rotary Feedthrough for common vacuum application is not suitable for liquid or chemical vapor applications. The design and material selection is defined according to different operating conditions.

Bearings in the Magnetic Rotary Feedthrough is the heat source during high speed rotation, therefore, the rotation rpm should be kept lower than specification and ambient temperature should be put into consideration to avoid over heat.

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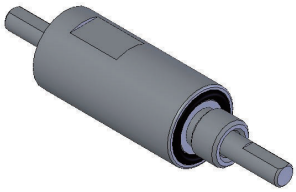
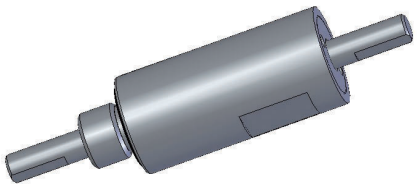
图片一/Picture 1



图片二/Picture 2



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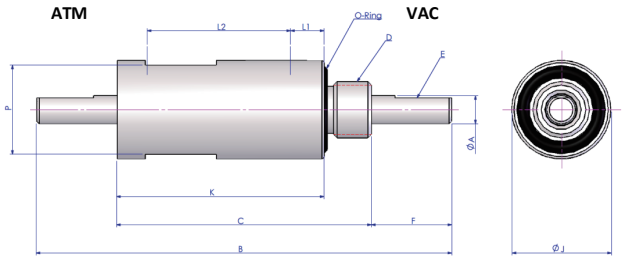

规 格 表 格 Spec. table				
轴径	Shaft Diameter	0004	0005	0006
øA		4 +0 / -0.018	5 +0 / -0.018	6 +0 / -0.018
B		76.5	76.5	76.5
C		46.5	46.5	46.5
D		M12*P1.5	M12*P1.5	M12*P1.5
E		0.5 深 (D) * 10 长 (L)	0.5 深 (D) * 10 长 (L)	0.5 深 (D) * 10 长 (L)
F		15	15	15
øJ		21	21	21
K		36.5	36.5	36.5
P		19	19	19
L1 轴承位置一	Bearing Position 1	6.3	6.3	6.3
L2 轴承位置二	Bearing Position 2	25.2	25.2	25.2
O-Ring		S-14	S-14	S-14
型号	Model Number	ASS0004CNR10	ASS0005CNR10	ASS0006CNR10
真空耐度	Base Pressure	10^{-6} Pa		
氦泄量	Leak Rate	$<10^{-12}$ Pa*m3/sec		
耐压力	Pressure Bias	2 (kg/cm2)		
使用温度范围	Temp. Range	0 ~ 80 (℃)		
使用气体	Applicable Gas	非活性气体 Inert Gas		
轴承型号	Bearing Model	686		
轴承材质	Bearing Material	SUJ2		
外壳材质	Housing Material	SUS304		
轴心材质	Shaft Material	SUS420		

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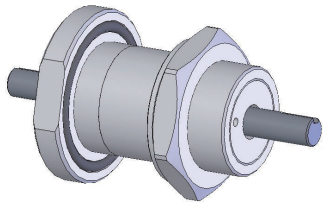
公制 Metric

图片一/Picture 1



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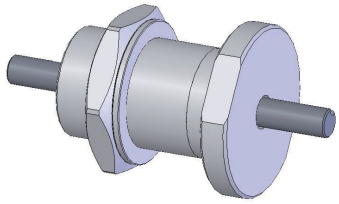

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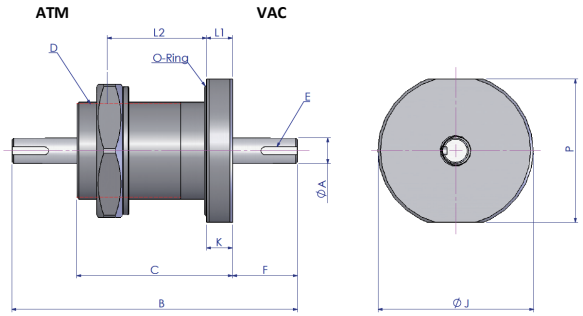

规 格 表 格 Spec. table				
轴径	Shaft Diameter	0006	0010	0012
øA		6 +0 / -0.018	10 +0 / -0.022	12 +0 / -0.022
B		97.5	119.5	119.5
C		57.5	69.5	69.5
D		M32 x 1.5	M38 x 1.5	M38 x 1.5
E		0.5D x 12L (Flat)	3W x 1.8D x14L (Keyway)	3W x 1.8D x14L (Keyway)
F		20	25	25
øJ		55	60	60
K		10	10	10
P		-	55	55
L1 轴承位置一	Bearing Position 1	10.5	10	10
L2 轴承位置二	Bearing Position 2	38	49	42
O-Ring		P39	P45	P49
型号	Model Number	ABS0006CNR10	ABS0010CNR10	ABS0012CNR01
真空耐度	Base Pressure	10^{-6} Pa		
氦泄量	Leak Rate	$<10^{-12}$ Pa*m3/sec		
耐压力	Pressure Bias	2 (kg/cm2)		
使用温度范围	Temp. Range	0 ~ 80 (°C)		
使用气体	Applicable Gas	非活性气体 Inert Gas		
轴承型号	Bearing Model	627	6001	7000
轴承材质	Bearing Material	SUJ2		
外壳材质	Housing Material	SUS304		
轴心材质	Shaft Material	SUS420		

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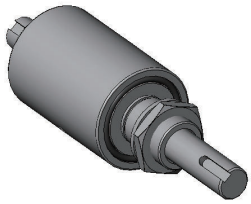
公制 Metric

图片一/Picture 1



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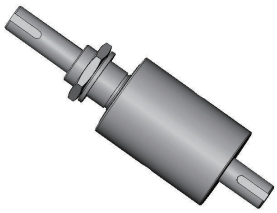

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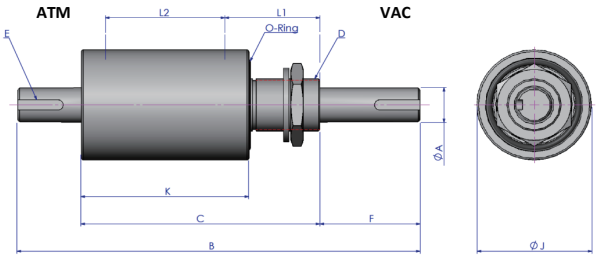

规 格 表 格 Spec. table			
轴径	Shaft Diameter	0012	0020
øA		12 +0 / -0.027	20 +0 / -0.033
B		179	211
C		109	121
D		M25 x 1.5	M30 x 1.5
E		4W x 2.5 DP. x20 Lg.	6W x 3.5 DP. x25 Lg.
F		40	55
øJ		48	63
K		74	82
P		-	-
L1	轴承位置一 Bearing Position 1	46	53.5
L2	轴承位置二 Bearing Position 2	52	55
O-Ring		G35	G50
型号	Model Number	ANS0012CNR10	ANS0020CNR10
真空耐度	Base Pressure	10^{-6} Pa	
氦泄量	Leak Rate	$<10^{-12}$ Pa*m3/sec	
耐压力	Pressure Bias	2 (kg/cm2)	
使用温度范围	Temp. Range	0 ~ 80 (°C)	
使用气体	Applicable Gas	非活性气体 Inert Gas	
轴承型号	Bearing Model	6002	6005
轴承材质	Bearing Material	SUJ2	
外壳材质	Housing Material	SUS304	
轴心材质	Shaft Material	SUS420	

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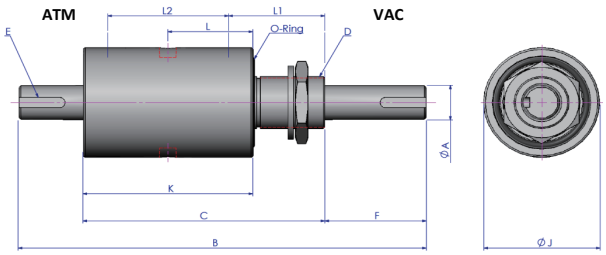
图片一/Picture 1

图片二/Picture 2

圖片三/Picture 3



规格表格 Spec. table			
轴径	Shaft Diameter	0012	0020
øA		12 +0 / -0.027	20 +0 / -0.033
B		179	211
C		109	121
D		M25 x 1.5	M30 x 1.5
E		4W x 2.5 DP. x20 Lg.	6W x 3.5 DP. x25 Lg.
F		40	55
øJ		48	63
K		74	82
L		36.5	40.5
L1 轴承位置一	Bearing Position 1	46	53.5
L2 轴承位置二	Bearing Position 2	52	55
O-Ring		G35	G50
型号	Model Number	ANS0012WNR10	ANS0020WNR10
真空耐度	Base Pressure	10^{-6} Pa	
氦泄量	Leak Rate	$<10^{-12}$ Pa*m3/sec	
耐压力	Pressure Bias	2 (kg/cm2)	
使用温度范围	Temp. Range	0 ~ 80 (°C)	
使用气体	Applicable Gas	非活性气体 Inert Gas	
轴承型号	Bearing Model	6002	6005
轴承材质	Bearing Material	SUJ2	
外壳材质	Housing Material	SUS304	
轴心材质	Shaft Material	SUS420	

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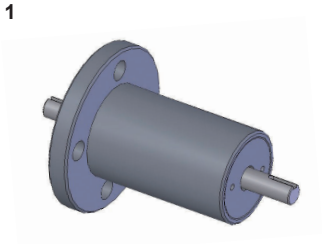
图片一/Picture 1



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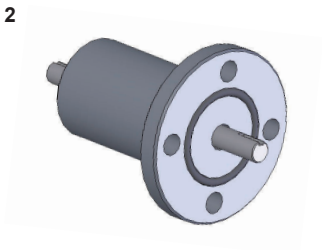

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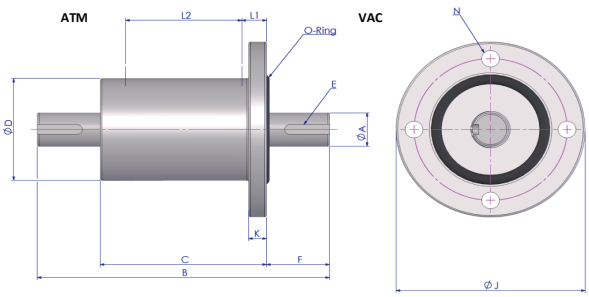

规 格 表 格 Spec. table

轴径 Shaft Diameter	0006	0010	0010	0012	0020	0020
øA	6 +0 / -0.018	10 +0 / -0.022	10 +0 / -0.022	12 +0 / -0.027	20 +0 / -0.033	20 +0 / -0.033
B	97.5	132.4	119.5	133.5	162.4	151.5
C	57.5	82.2	69.5	73.5	92.4	81.5
øD	38	45	44	48	61	63
E	0.5Dp. x 12Lg. (Flat)	3W x 1.8 DP. x14 Lg.	3W x 1.8 DP. x14 Lg.	4W x 2.5 DP. x20 Lg.	6W x 3.5 DP. x25 Lg.	6W x 3.5 DP. x25 Lg.
F	20	25	25	30	35	35
øJ	80	80	80	90	105	105
K	10	10	10	10	10	10
N	PD60/4-ø10	PD60/4-ø10	PD60/4-ø10	PD70/4-ø10	PD85/4-ø10	PD85/4-ø10
L1 轴承位置一 Bearing Position 1	10.5	11.7	10	11	13.5	14
L2 轴承位置二 Bearing Position 2	38	59	47	52	65.4	55
O-Ring	G25	P38	G30	G35	P55	G50
型号 Model Number	AFS0006CNR10	AFS0010CNR01	AFS0010CNR10	AFS0012CNR10	AFS0020CNR00	AFS0020CNR10
真空耐度 Base Pressure	10^{-6} Pa					
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec					
耐压力 Pressure Bias	2 (kg/cm2)					
使用温度范围 Temp. Range	0 ~ 80 (°C)					
使用气体 Applicable Gas	非活性气体 Inert Gas					
轴承型号 Bearing Model	627	6300	6001	6002	6304	6005
轴承材质 Bearing Material	SUJ2					
外壳材质 Housing Material	SUS304					
轴心材质 Shaft Material	SUS420					

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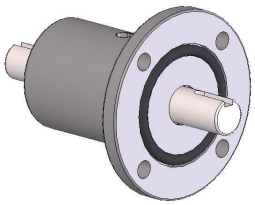
图片一/Picture 1



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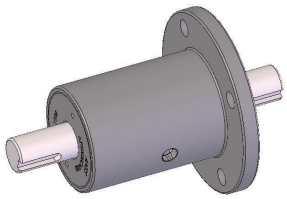
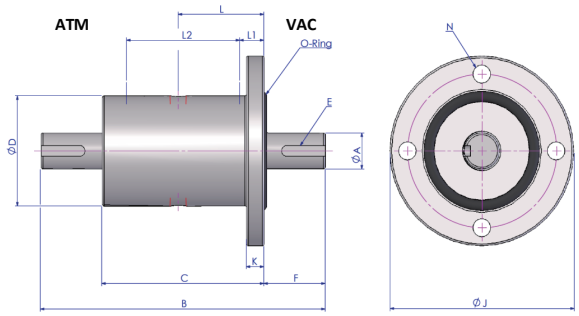


图片三/Picture 3

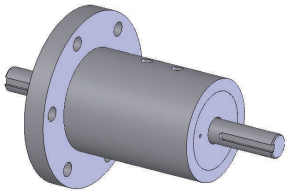


规 格 表 格 Spec. table					
轴径	Shaft Diameter	0006	0010	0012	0020
øA		6 +0 / -0.018	10 +0 / -0.022	12 +0 / -0.027	20 +0 / -0.033
B		97.5	119.5	133.5	151.5
C		57.5	69.5	73.5	81.5
D		38	44	48	68
E		0.5D x 12L (Flat)	3W x 1.8D x 14L	4W x 2.5D x 20L	6W x 3.5D x 25L
F		20	25	30	35
øJ		80	80	90	105
K		10	10	10	10
N		PD60/4-ø10	PD60/4-ø10	PD70/4-ø10	PD85/4-ø10
L		18	24	27	31
L1 轴承位置一	Bearing Position 1	10.5	10	11	14
L2 轴承位置二	Bearing Position 2	38	47	52	55
O-Ring		G25	G30	G35	G50
型号	Model Number	AFS0006WNR10	AFS0010WNR10	AFS0012WNR10	AFS0020WNR10
真空耐度	Base Pressure	10^{-6} Pa			
氦泄量	Leak Rate	$<10^{-12}$ Pa*m3/sec			
耐压力	Pressure Bias	2 (kg/cm2)			
使用温度范围	Temp. Range	0 ~ 80 (°C)			
使用气体	Applicable Gas	非活性气体 Inert Gas			
轴承型号	Bearing Model	627	6001	6002	6005
轴承材质	Bearing Material	SUJ2			
外壳材质	Housing Material	SUS304			
轴心材质	Shaft Material	SUS420			

AFSWKR10

公制 Metric

图片一/Picture 1



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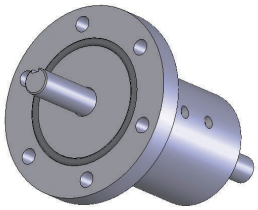
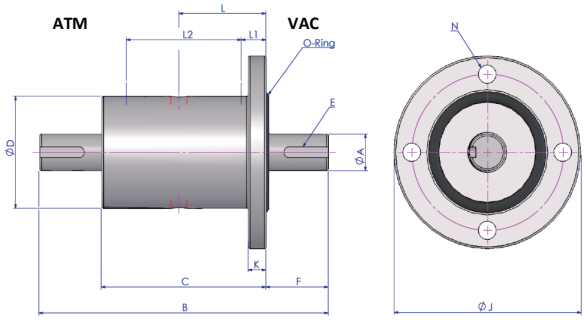


图片三/Picture 3



规 格 表 格 Spec. table

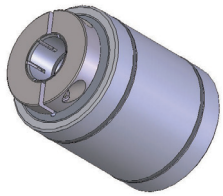
轴径 Shaft Diameter	0020	0025	0030	0040	0050
øA	20 +0 / -0.033	25 +0 / -0.033	30 +0 / -0.033	40 +0 / -0.039	50 +0 / -0.039
B	255	288	321	357.5	406.5
C	135	138	141	157	166
D	85	95	105	125	140
E	6Wx3.5 DP.x50 Lg.	7Wx4 DP.x63 Lg.	10Wx5DP.x80 Lg.	12Wx5 DP.x90 Lg.	14Wx5.5DP.x110Lg.
F	60	75	90	100	120
øJ	145	160	160	185	210
K	18	18	20	22	24
L	48	50	50	55.5	59.5
M	29	29	29	33	33
N	PD120/6-ø12	PD135/6-ø12	PD135/6-ø12	PD160/8-ø12	PD185/8-ø12
L1 轴承位置一 Bearing Position 1	38	27	28	32	34
L2 轴承位置二 Bearing Position 2	95	96.5	98.5	110.5	113
O-Ring	P90	P100	P105	P125	P150
型号 Model Number	AFS0020WKR10	AFS0025WKR10	AFS0030WKR10	AFS0040WKR10	AFS0050WKR10
真空耐度 Base Pressure	10^{-6} Pa				
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec				
耐压力 Pressure Bias	2 (kg/cm2)				
使用温度范围 Temp. Range	0 ~ 80 (°C)				
使用气体 Applicable Gas	非活性气体 Inert Gas				
轴承型号 Bearing Model	VAC 7206CDF	VAC 7207CDF	VAC 7208CDF	VAC 7210CDF	VAC 7212CDF
	ATM 6205	ATM 6206	ATM 6207	ATM 6009	ATM 6211
轴承材质 Bearing Material	SUJ2				
外壳材质 Housing Material	SUS304				
轴心材质 Shaft Material	SUS420				

ACMCNR10

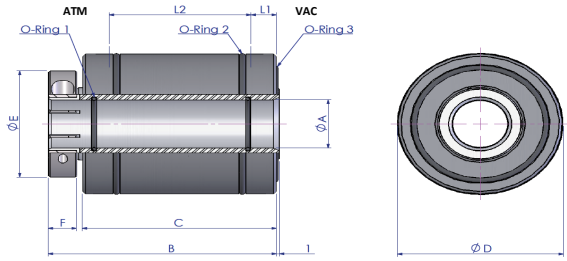
公制 Metric

图片一/Picture 1

图片二/Picture 2



图片三/Picture 3



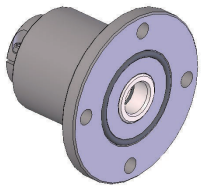
规 格 表 格 Spec. table

轴径 Shaft Diameter	0010	0020	0025	0030	0040	0050	0075
øA	10 +0.03 / +0.01	20 +0.04 / +0.02	25 +0.04 / +0.02	30 +0.04 / +0.02	40 +0.05 / +0.02	50 +0.05 / +0.02	75 +0.06 / +0.03
B	78	82.5	88	93	96	98	115
C	64	68.5	74	79	80	82	96
D	48 +0 / -0.02	58 +0 / -0.03	63 +0 / -0.03	73 +0 / -0.03	88 +0 / -0.04	98 +0 / -0.04	137 +0 / -0.04
øE	34	44	49	54	69	79	109
F	10	10	10	10	12	12	15
øG	10-0.01/-0.03	20-0.01/-0.03	25-0.01/-0.03	30-0.01/-0.03	40-0.01/-0.03	50-0.01/-0.03	75-0.01/-0.03
øH	48+0.05/+0.03	58+0/-0.03	63+0.06/+0.03	73+0.06/+0.03	88+0.07/+0.04	98+0.07/+0.04	137+0.07/+0.04
L1 轴承位置一 Bearing Position 1	8.5	9.5	11.5	11.5	11.5	12	15.5
L2 轴承位置二 Bearing Position 2	46	48	50	54	55	56	62
O-Ring1	S10	S20	S25	S30	S40	S50	S75
O-Ring2	S38	S48	S53	S60	S75	S85	S125
O-Ring3	S45	S55	S60	S70	S85	S95	S132
型号 Model Number	ACM0010CNR10	ACM0020CNR10	ACM0025CNR10	ACM0010CNR10	ACM0030CNR10	ACM0040CNR10	ACM0050CNR10
真空耐度 Base Pressure	10^{-6} Pa						
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec						
耐压力 Pressure Bias	2 (kg/cm2)						
使用温度范围 Temp. Range	0 ~ 80 (℃)						
使用气体 Applicable Gas	非活性气体 Inert Gas						
轴承型号 Bearing Model	16003	6906	6907	6910	6912	6918	
轴承材质 Bearing Material	SUJ2						
外壳材质 Housing Material	SUS304						
轴心材质 Shaft Material	SUS420						

AFMCNR10

公制 Metric

图片一/Picture 1



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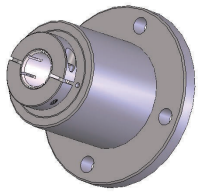
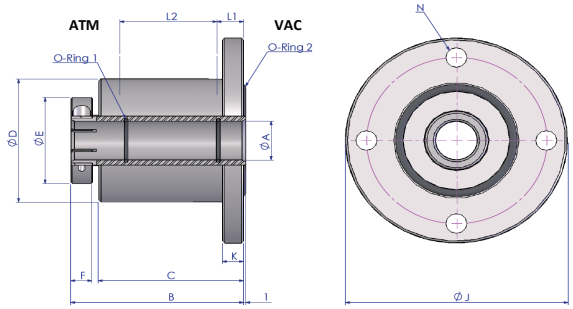


图片三/Picture 3



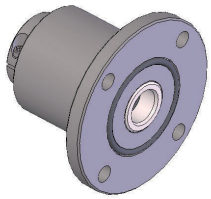
规 格 表 格 Spec. table

轴径 Shaft Diameter	0010	0020	0025	0030	0040	0050	0075
øA	10 +0.03 / +0.01	20 +0.04 / +0.02	25 +0.04 / +0.02	30 +0.04 / +0.02	40 +0.05 / +0.02	50 +0.05 / +0.02	75 +0.06 / +0.03
B	78	82.5	88	93	96	98	115
C	64	68.5	74	79	80	82	96
øD	51	63	71	78	90	103	143
øE	34	44	49	54	69	79	109
F	10	10	10	10	12	12	15
øG	10-0.01/-0.03	20-0.01/-0.03	25-0.01/-0.03	30-0.01/-0.03	40-0.01/-0.03	50-0.01/-0.03	75-0.01/-0.03
øJ	90	105	120	120	145	160	210
K	10	10	10	10	10	12	12
N	PD70/4-ø10	PD85/4-ø10	PD100/4-ø10	PD100/4-ø10	PD120/4-ø12	PD135/4-ø12	PD185/8-ø12
L1 轴承位置一 Bearing Position 1	8.5	9.5	11.5	11.5	11.5	12	15.5
L2 轴承位置二 Bearing Position 2	46	48	50	54	55	56	62
O-Ring1	S10	S20	S25	S30	S40	S50	S75
O-Ring2	S40	S50	S60	S70	S80	S90	S130
型号 Model Number	AFM0010CNR10	AFM0020CNR10	AFM0025CNR10	AFM0030CNR10	AFM0040CNR10	AFM0050CNR10	AFM0075CNR10
真空耐度 Base Pressure	10^{-6} Pa						
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec						
耐压力 Pressure Bias	2 (kg/cm2)						
使用温度范围 Temp. Range	0 ~ 80 (℃)						
使用气体 Applicable Gas	非活性气体 Inert Gas						
轴承型号 Bearing Model	16003	6906	6907	6908	6910	6912	6918
轴承材质 Bearing Material	SUJ2						
外壳材质 Housing Material	SUS304						
轴心材质 Shaft Material	SUS420						

AFMWNR10

公制 Metric

图片一/Picture 1



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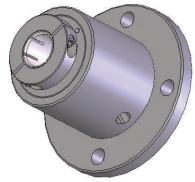

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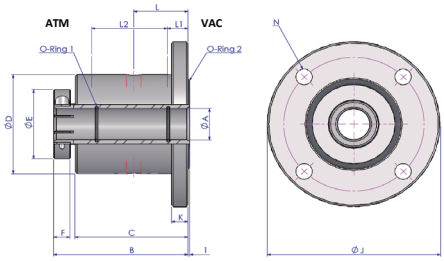


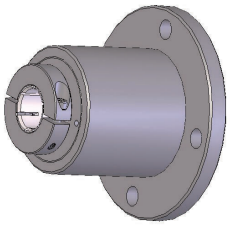
规 格 表 格 Spec. table

轴径 Shaft Diameter	0010	0020	0025	0030	0040	0050	0075
øA	10 +0.03 / +0.01	20 +0.04 / +0.02	25 +0.04 / +0.02	30 +0.04 / +0.02	40 +0.05 / +0.02	50 +0.05 / +0.02	75 +0.06 / +0.03
B	78	82.5	88	93	96	98	115
C	64	68.5	74	79	80	82	96
øD	51	63	71	78	90	103	143
øE	34	44	49	54	69	79	109
F	10	10	10	10	12	12	15
øG	10-0.01/-0.03	20-0.01/-0.03	25-0.01/-0.03	30-0.01/-0.03	40-0.01/-0.03	50-0.01/-0.03	75-0.01/-0.03
øJ	90	105	120	120	145	160	210
K	10	10	10	10	10	12	12
N	PD70/4-ø10	PD85/4-ø10	PD100/4-ø10	PD100/4-ø10	PD120/4-ø12	PD135/4-ø12	PD185/8-ø12
L1 轴承位置一 Bearing Position 1	8.5	9.5	11.5	11.5	11.5	12	15.5
L2 轴承位置二 Bearing Position 2	46	48	50	54	55	56	62
O-Ring1	S10	S20	S25	S30	S40	S50	S75
O-Ring2	G40	G50	G60	G70	G80	G90	G130
型号 Model Number	AFM0010WNR10	AFM0020WNR10	AFM0025WNR10	AFM0030WNR10	AFM0030WNR10	AFM0050WNR10	AFM0075WNR10
真空耐度 Base Pressure	10^{-6} Pa						
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec						
耐压力 Pressure Bias	2 (kg/cm2)						
使用温度范围 Temp. Range	0 ~ 80 (℃)						
使用气体 Applicable Gas	非活性气体 Inert Gas						
轴承型号 Bearing Model	16003	6906	6907	6908	6910	6912	6918
轴承材质 Bearing Material	SUJ2						
外壳材质 Housing Material	SUS304						
轴心材质 Shaft Material	SUS420						

AFMCMR10

公制 Metric

图片一/Picture 1



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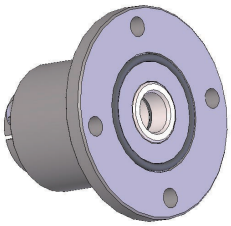
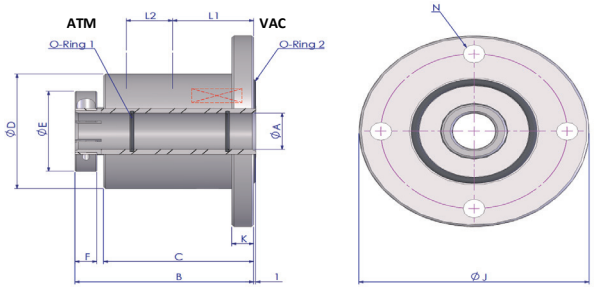


图片三/Picture 3



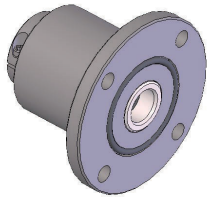
规 格 表 格 Spec. table

轴径 Shaft Diameter	0020	0025	0030	0040	0050
øA	20+0.04/+0.02	25+0.04/+0.02	30+0.04/+0.02	40+0.05/+0.02	50+0.05/+0.02
B	123.5	126	130.5	141	147.5
C	109.5	112	116.5	125	131.5
øD	78	90	96	106	132
øE	44	49	54	69	79
F	10	10	10	12	12
øG	20 -0.01 / -0.03	25 -0.01 / -0.03	30 -0.01 / -0.03	40 -0.01 / -0.03	50 -0.01 / -0.03
J	120	145	145	160	185
K	10	10	10	12	12
N	PD100/4-ø10	PD120/4-ø12	PD120/4-ø12	PD135/4-ø12	PD160/8-ø12
L1 轴承位置一 Bearing Position 1	50	52.5	54	57.5	60
L2 轴承位置二 Bearing Position 2	39	39.5	39	41	48
O-Ring1	S20	S25	S30	S40	S50
O-Ring2	G50	G60	G70	G80	G90
型号 Model Number	AFM0020CMR10	AFM0025CMR10	AFM0030CMR10	AFM0040CMR10	AFM0050CMR10
真空耐度 Base Pressure	10^{-6} Pa				
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec				
耐压力 Pressure Bias	2 (kg/cm2)				
使用温度范围 Temp. Range	0 ~ 80 (°C)				
使用气体 Applicable Gas	非活性气体 Inert Gas				
轴承型号 Bearing Model	7206CDB	7207CDB	7208CDB	7210CDB	7212CDB
轴承材质 Bearing Material	SUJ2				
外壳材质 Housing Material	SUS304				
轴心材质 Shaft Material	SUS420				

AFMWMR10

公制 Metric

图片一/Picture 1



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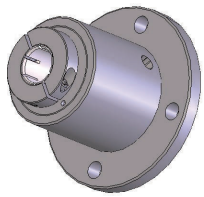
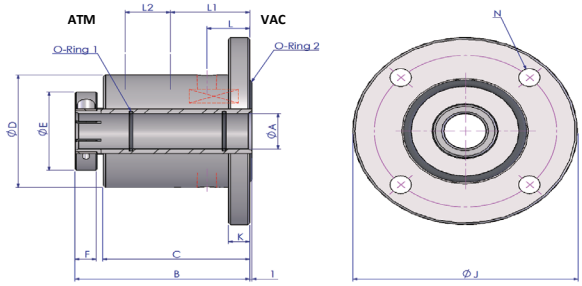


图片三/Picture 3



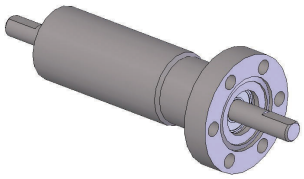
规 格 表 格 Spec. table

轴径 Shaft Diameter	0020	0025	0030	0040	0050
øA	20+0.04/+0.02	25+0.04/+0.02	30+0.04/+0.02	40+0.05/+0.02	50+0.05/+0.02
B	123.5	126	130.5	141	147.5
C	109.5	112	116.5	125	131.5
øD	78	90	96	106	132
øE	44	49	54	69	79
F	10	10	10	12	12
øG	20 -0.01 / -0.03	25 -0.01 / -0.03	30 -0.01 / -0.03	40 -0.01 / -0.03	50 -0.01 / -0.03
J	120	145	145	160	185
K	10	10	10	12	12
L	14.5	13	14	12	12.5
N	PD100/4-ø10	PD120/4-ø12	PD120/4-ø12	PD135/4-ø12	PD160/8-ø12
L1 轴承位置一 Bearing Position 1	50	52.5	54	57.5	60
L2 轴承位置二 Bearing Position 2	39	39.5	39	41	48
O-Ring1	S20	S25	S30	S40	S50
O-Ring2	G50	G60	G70	G80	G90
型号 Model Number	AFM0020WMR10	AFM0025WMR10	AFM0030WMR10	AFM0040WMR10	AFM0050WMR10
真空耐度 Base Pressure	10^{-6} Pa				
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec				
耐压力 Pressure Bias	2.5 (kg/cm2)				
使用温度范围 Temp. Range	0 ~ 80 (℃)				
使用气体 Applicable Gas	非活性/活性气体 Inert Gas / Active Gas				
轴承型号 Bearing Model	7206CDB	7207CDB	7208CDB	7210CDB	7212CDB
轴承材质 Bearing Material	SUJ2				
外壳材质 Housing Material	SUS304				
轴心材质 Shaft Material	SUS420				

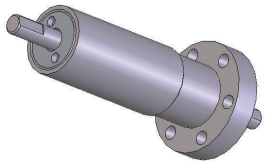
AGSCNR01

公制 Metric

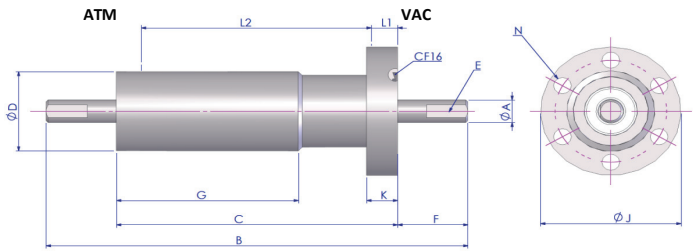
图片一/Picture 1



图片二/Picture 2



图片三/Picture 3

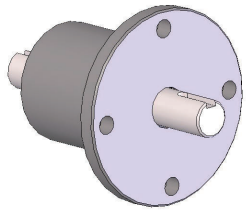


规 格 表 格 Spec. table	
轴径 Shaft Diameter	0006
øA	6 +0 / -0.018
B	102
C	68
D	21
E	0.54D x 10L (Flat)
F	17
G	44
øJ	34
K	7.5
N	6-ø4.3 on BCDø27
L1 轴承位置一 Bearing Position 1	6.4
L2 轴承位置二 Bearing Position 2	55.6
型号 Model Number	AGS0006CNR01
真空耐度 Base Pressure	10^{-6} Pa
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec
耐压力 Pressure Bias	2 (kg/cm2)
使用温度范围 Temp. Range	0 ~ 80 (°C)
使用气体 Applicable Gas	非活性气体 Inert Gas
VCA轴承型号 VCA Bearing Model	686
ATM轴承型号 ATM Bearing Model	R4
轴承材质 Bearing Material	SUJ2
外壳材质 Housing Material	SUS304
轴心材质 Shaft Material	SUS420

AHSCNR01

公制 Metric

图片一/Picture 1



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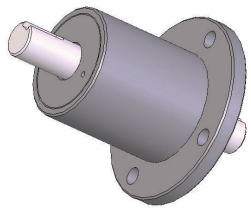
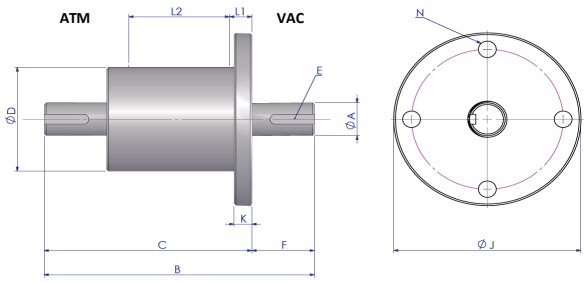


图片三/Picture 3

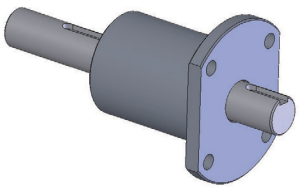


规 格 表 格 Spec. table	
轴径 Shaft Diameter	0020
øA	20 +0 / -0.033
B	151.5
C	116.5
øD	63
E	6W x 3.5 DP. x25 Lg.
F	35
øJ	105
K	10
N	PD85/4-ø10
L1 轴承位置一 Bearing Position 1	12.5
L2 轴承位置二 Bearing Position 2	56.5
型号 Model Number	AHS0020CNR01
真空耐度 Base Pressure	10^{-6} Pa
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec
耐压力 Pressure Bias	2 (kg/cm2)
使用温度范围 Temp. Range	0 ~ 80 (℃)
使用气体 Applicable Gas	非活性气体 Inert Gas
轴承型号 Bearing Model	6304
轴承材质 Bearing Material	SUJ2
外壳材质 Housing Material	SUS420
轴心材质 Shaft Material	SUS420

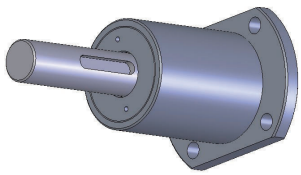
AHS0025CNR01

公制 Metric

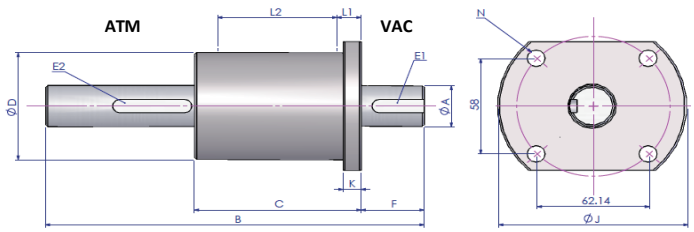
图片一/Picture 1



图片二/Picture 2



图片三/Picture 3

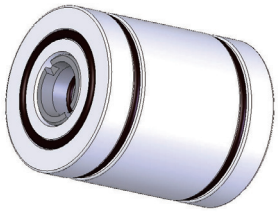


规 格 表 格 Spec. table	
轴径 Shaft Diameter	0025
øA	25 +0 / -0.033
B	210
C	92.4
øD	65
E1	8W x 4 DP. x29 Lg.
E2	8W x 4 DP. x44 Lg.
F	35
øJ	105
K	10
N	4-ø10
L1 轴承位置一 Bearing Position 1	13.4
L2 轴承位置二 Bearing Position 2	66
型号 Model Number	AHS0025CNR01
真空耐度 Base Pressure	10^{-6} Pa
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec
耐压力 Pressure Bias	2 (kg/cm2)
使用温度范围 Temp. Range	0 ~ 80 (°C)
使用气体 Applicable Gas	非活性气体 Inert Gas
轴承型号 Bearing Model	6205
轴承材质 Bearing Material	SUJ2
外壳材质 Housing Material	SUS420
轴心材质 Shaft Material	SUS420

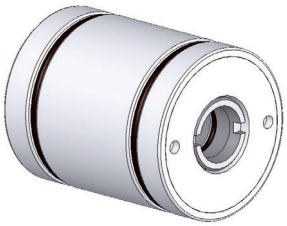
ACHCNR00

公制 Metric

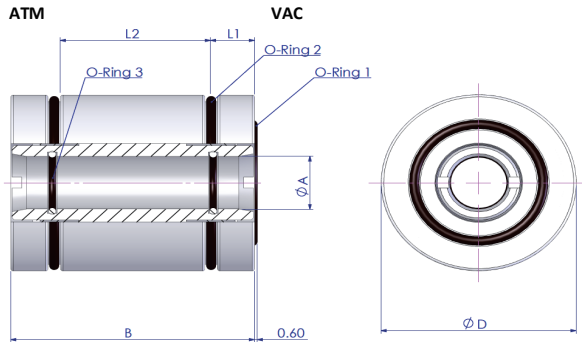
图片一/Picture 1



图片二/Picture 2



图片三/Picture 3

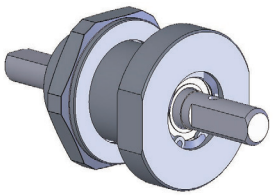


规 格 表 格 Spec. table	
轴径 Shaft Diameter	0012
øA	12 +0.04 / +0.02
B	50
D	40 +0 / -0.02
øG	12 -0.01 / -0.03
øH	40 +0.05 / +0.03
L1 轴承位置一 Bearing Position 1	9
L2 轴承位置二 Bearing Position 2	30
O-Ring 1	S25
O-Ring 2	S36
O-Ring 3	S12
型号 Model Number	ACH0012CNR00
真空耐度 Base Pressure	10^{-6} Pa
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec
耐压力 Pressure Bias	2 (kg/cm2)
使用温度范围 Temp. Range	0 ~ 80 (℃)
使用气体 Applicable Gas	非活性气体 Inert Gas
VCA轴承型号 VCA Bearing Model	6003
ATM轴承型号 ATM Bearing Model	16003
轴承材质 Bearing Material	SUJ2
外壳材质 Housing Material	SUS420
轴心材质 Shaft Material	SUS420

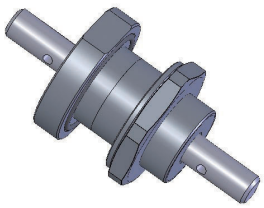
BBSCNR01

英制 Imperial

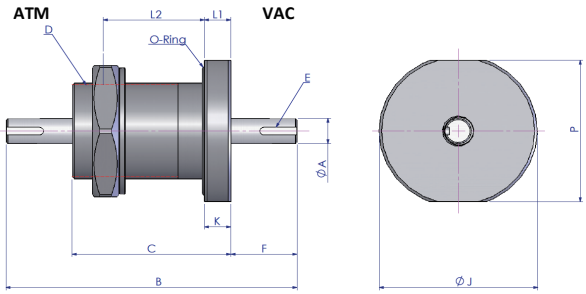
图片一/Picture 1



图片二/Picture 2



图片三/Picture 3



规 格 表 格 Spec. table	
轴径 Shaft Diameter	0375
øA	9.525 +0 / -0.022
B	86.5
C	42
D	1"-14
E	3W x 1.8 DP. x14 Lg. (Keyway)
F	22.5
øJ	41
K	9
P	38
L1 轴承位置一 Bearing Position 1	5.5
L2 轴承位置二 Bearing Position 2	31
O-Ring	2030
型号 Model Number	BBS0375CNR01
真空耐度 Base Pressure	10^{-6} Pa
氦泄量 Leak Rate	$<10^{-12}$ Pa*m3/sec
耐压力 Pressure Bias	2 (kg/cm2)
使用温度范围 Temp. Range	0 ~ 80 (°C)
使用气体 Applicable Gas	非活性气体 Inert Gas
轴承型号 Bearing Model	6800
轴承材质 Bearing Material	SUJ2
外壳材质 Housing Material	SUS304
轴心材质 Shaft Material	SUS420