

向心轴承内圈P4(ABEC-7)公差表  
Radial bearing inner ring P4(ABEC-7)Table of limits

Inner Ring P4(ABEC-7)		单位 (unit):um									
内径 d (mm)		$\Delta dmp$		Vdp			Vdmp	Kia	$\Delta Bs$		VBs
				直径系列diameter series					全部	正常	
超过 over	超过 up to	上差 upper tolerance	下差 lowest tolerance	7. 8. 9	0. 1	2. 3. 4	最大 max	最大 max	上差 upper tolerance	下差 lowest tolerance	最大 max
2.5	10	0	-4	4	3	3	2	2.5	0	-40	2.5
10	18	0	-4	4	3	3	2	2.5	0	-80	2.5
18	30	0	-5	5	4	4	2.5	3	0	-120	2.5
30	50	0	-6	6	5	5	3	4	0	-120	3
50	80	0	-7	7	5	5	3.5	4	0	-150	4
80	120	0	-8	8	6	6	4	5	0	-200	4
120	180	0	-10	10	8	8	5	6	0	-250	5
180	250	0	-12	12	9	9	6	8	0	-300	6

向心轴承外圈P4(ABEC-7)公差表  
Radial bearing outer ring P4(ABEC-7)Table of limits

Outer ring P4(ABEC-7)		单位 (unit):um									
外径 D (mm)		$\Delta Dmp$		VDp			VDmp	Kea	$\Delta Cs$		VCs
				直径系列diameter series					全部	正常	
超过 over	超过 up to	上差 upper tolerance	下差 lowest tolerance	7. 8. 9	0. 1	2. 3. 4	最大 max	最大 max	上差 upper tolerance	下差 lowest tolerance	最大 max
2.5	6	0	-4	4	3	3	2	3	0	-40	2.5
6	18	0	-4	4	3	3	2	3	0	-80	2.5
18	30	0	-5	5	4	4	2.5	4	0	-120	2.5
30	50	0	-6	6	5	5	3	5	0	-120	2.5
50	80	0	-7	7	5	5	3.5	5	0	-150	3
80	120	0	-8	8	6	6	4	6	0	-200	4
120	150	0	-9	9	7	7	5	7	0	-250	5
150	180	0	-10	10	8	8	5	8	0	-300	5

有磁不锈钢轴承(马氏体材料) / Magnetolectric Stainless steel bearings(440C)

高性能的不锈钢轴承在清洁耐蚀的基础上同样提供可与高碳铬钢媲美的高精度及耐磨性, 作为标准结构的不锈钢轴承, 套圈及滚动体材料采用AISI SUS440C (9Cr18Mo或9Cr18) 经真空淬回火处理, 保持架及密封圈骨架材料采用AISI304或AISI316, 精度达ISO标准ABEC-1以上。振动等级Z1组及以上。是普通所说的不锈铁轴承, 抗生锈能力不是很强, 耐腐蚀效果也不是很好!

The high performance stainless steel bearings can provides not only with the cleanliness and corrosion resistance characteristic also with the high precision and excellent wear resistance compare to the high carbon chrome steel bearings. The rings and balls are made of the material as a standard structure of stainless steel bearing, The rings and balls are made of the material of AISI440C( 9Cr18Mo or 9Cr18) heat treated in vacuum, the cage and the frame-work of seal adoption the AI304 or AI316, production accuracy could reach ISO standard ABEC-1 and above, and the vibration level reach Z1 grade and above.whose ability is not good at anti-rust and anti-canker.

无磁不锈钢轴承(奥氏体材料) / Austenite stainless steel bearings

我们同样提供非标准形式不锈钢轴承以满足工程上的特种需求, 相比较高碳铬马氏体不锈钢(如440C, 420等), 奥氏体不锈钢具有更优良的耐腐蚀性能及抗磁性。奥氏体不锈钢轴承整体采用AISI SUS316L (316) 或SUS304材料制作(包括内外圈, 球, 及保持架)。因奥氏体不锈钢无法整体淬硬, 故该轴承不适用于较大负荷及较高转速。但在抗生锈和耐腐蚀方面有较大的优越性。在化工和电子行业有较大的使用量。

We also can offer non-standard stainless steel bearings to meet some special type needs in engineering. Compare with high carbon chrome martensite stainless steel (eg.440c, bearing420, etc.), Austenite stainless steel bearings have even more excellent corrosion and magnetism resistance. The whole Austenite stainless steel bearings are made of AISI SUS316L (316) or SUS304 ( including inside and outside rings, balls and cage). Austenite stainless steel bearings can't harden completely by heat treatment, so it should not choose for heavier load or higher speed. Which has the more advantage at anti-rust and anti-canker, and widely is used in chemistry and electronic industry.

不锈钢轴承座及不锈钢外球面轴承/Stainless plummer block and stainless insert bearings

带座外球面轴承具有自动调心, 多次重复润滑, 防尘密封良好, 安装拆卸方便等优点。被广泛用于各种机械设备及传送装置。不锈钢带座轴承是专门开发用以满足食品、医疗、化工等行业的特殊需求。在保证普通铬钢带座轴承耐磨性能的同时, 同样具备耐腐蚀、清洁的优点。轴承座采用AISI SUS304材料, 外球面轴承使用ASIAUS440C材料。

Stainless Bearing Units have some advantages, Such as automatic adjustment, Repeated lubrication, Dustproof and convenience for fixing and disassembly. It is widely used in various, mechanical equipments and conveying device. Stainless Plummer blocks are specially designed to meet particular engineering demand for food. Medical and chemical industry. Which have some excellence such as cleanness, Anti-corrosion etc. Bearing housing is made of AISI304 and the insert bearings are made of AISI SUS440C.

定做AISI316L不锈钢轴承座和轴, 为满足化工, 电子等有强腐蚀环境要求行业的需要, 本公司可以定做AISI316L不锈钢轴承座和轴。

Order AISI316L Stainless bearing Pedestal and axis in order to meet the requirement of chemistry and electronic industry which have the strong canker environment, we can have "AISI316L Stainless bearing Pedestal and axis" made to order.

