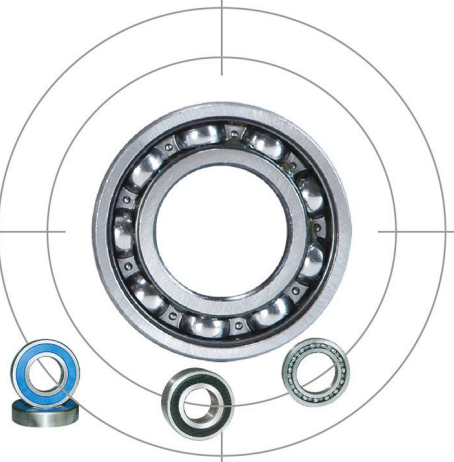
无锡市重工微型轴承厂
Wuxi Heavy Industrial Micro Bearing Factory

专业致力于不锈钢轴承生产和研发
Professional in stainless steel bearing
committed to research and development



无锡市重工微型轴承厂

Wuxi Heavy Industrial Micro Bearing Factory

重工 不锈钢 深沟球 调心球 非标 轴承

SSbearing ZGBK® 专业不锈钢轴承
Professional stainless steel bearings

◆金相检测
Metallurgical structure test

◆波特车间
BOTE workshop

◆波特车间
BOTE workshop

严密的质保体系

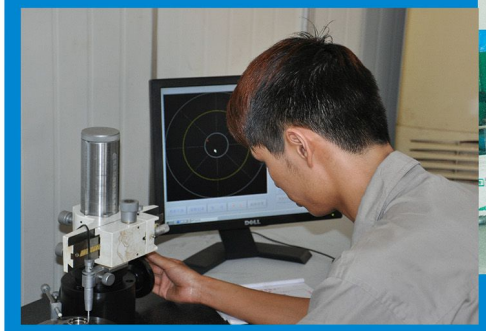
PRECISE QUALITY ASSURANCE SYSTEM

我厂严格遵循 ISO/TS16949 技术规范的各项要求，结合产品和工厂的特点，建立、实施和持续改进质量管理体系，通过体系的有效应用，包括体系持续改进的过程，证实工厂有能力稳定地提供满足顾客和适用法律法规的产品，并且不断增进顾客满意度。

Our factory strictly follow ISO/TS16949 specification of the requirements and combining the characteristics of the products and the factory, establish and implement and improve the quality management system, through the system effective application, including system continuous improvement process, confirmed that our factory have the ability to stably provide products,which are applicable laws and regulations, and constantly improve customer satisfaction.

◆超精产品沟道质量检测
Groovequality test for super-precision products

◆出库产品分类检测
Classified test of products resdy for delivery



◆圆度检测
Roundness test

生产和设备

PRODUCTION AND EQUIPMENT

◆01/02 304不锈钢生产机械
304 Stainless steel production machinery

◆03 震动测量仪
Vibration measuring instrument

◆04 自动合套装配机
Automatic assembly machine

◆05 生产车间
Workshop

◆06 成品轴承全自动清洗机
Finished bearing automatic washing machine

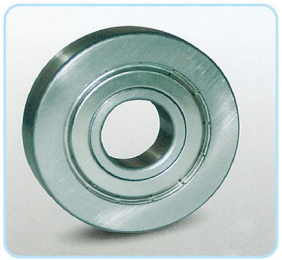
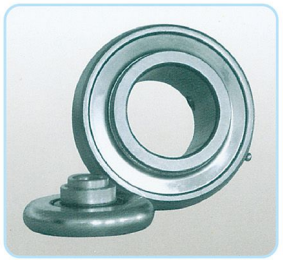
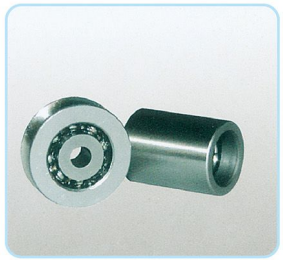
工厂拥有国内先进技术“微机步进控制”的微小型自动化轴承生产线 12 条，拥有金属切割、磨加工、热处理主要设备 100 多台。计量和理化检验设备齐全，检测仪器与设备先进，检测手段完善。

The factory has 12 micro-bearing automation production line which controlled by domestic advanced technology"microcomputer stepping control",also owns the metal cutting, grinding processing, heat treatment and other major equipment 100 sets. The measurement and physical and chemical equipment is complete, inspection instruments and equipment is advanced and inspection means is perfect.

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。

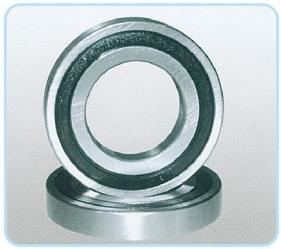
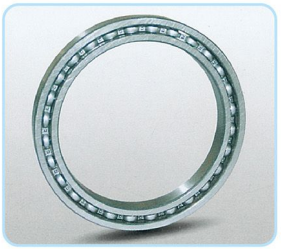
The high performance stainless steel bearings can providos not only with the cleanliness and corrosion resistance characteristic also with the high accuracy and excellent wear resistance compare to the high carbon chrome steel bearins.The rings and balls are made of the material as a standard structure of stainless steel bearing,the rings and balls are made of the material of AISI440C (9Cr18Mo or 9 Cr18),the cage and the framework of seal adoption the AI304 or AI316,production accuracy could reach ISO standard ABEC-1 and above, and the vibration level reach Z1 grade above.

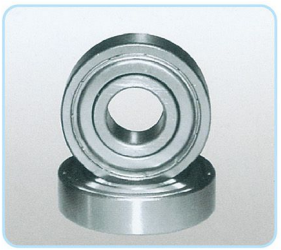
非标产品列表 Non-standard products list

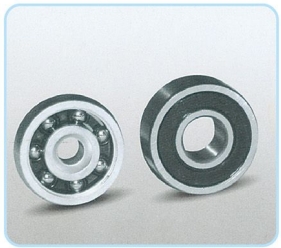




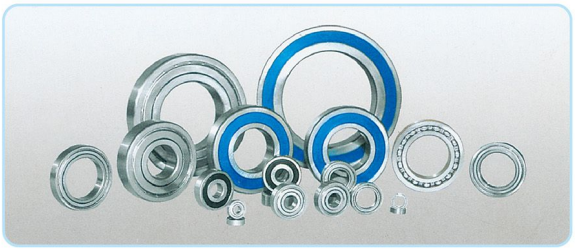
STAINLESS BEARINGS INTRODUCTION
不锈钢轴承说明

标准件产品列表 Standard product list

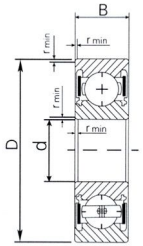





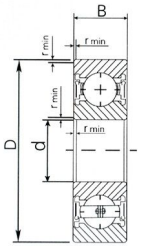




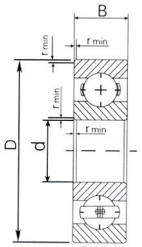
1600 SERIES
1600系列



Seal (RS)



Shield (Z)

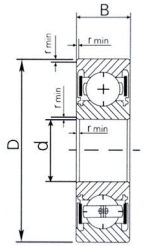


Open

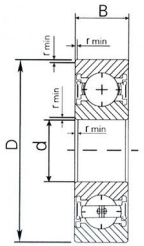
轴承型号 Bearing NO.	内 径 d	外 径 D	宽度 B		额定载荷 (KN) Load Rating		钢 球 Ball		倒 角 Rmin	重量 (KG) Weight
			Open	Shield/seal	Cor	Cr	NO.	Size (mm)		
1601	0.1875	0.6875	0.25	0.25/0.312	0.578	1.2802	8	2.381	0.3	0.0041
1602	0.25	0.6875	0.25	0.25/0.312	0.578	1.2802	8	2.381	0.3	0.0064
1603	0.3125	0.875	0.281	0.281/0.344	0.916	1.9248	7	3.969	0.3	0.0095
1604	0.375	0.875	0.281	0.281/0.344	0.916	1.9248	7	3.969	0.3	0.0086
1605	0.3125	0.9062	0.312	0.312	0.845	1.5558	9	3.175	0.3	0.0168
1606	0.375	0.9062	0.312	0.312	0.845	1.5558	9	3.175	0.3	0.0218
1607	0.4375	0.9062	0.312	0.312	0.845	1.5558	9	3.175	0.3	0.0222
1614	0.375	1.125	0.375	0.375	1.556	2.9517	8	4.763	0.3	0.0349
1615	0.4375	1.125	0.375	0.375	1.556	2.9517	8	4.763	0.3	0.0322
1616	0.5	1.125	0.375	0.375	1.556	2.9517	8	4.763	0.3	0.0299
1620	0.4375	1.375	0.437	0.437	2.147	3.9163	10	4.763	0.6	0.0454
1621	0.5	1.375	0.437	0.437	2.147	3.9163	10	4.763	0.6	0.0481
1622	0.5625	1.375	0.437	0.437	2.147	3.9163	10	4.763	0.6	0.0458
1623	0.625	1.375	0.437	0.437	2.147	3.9163	10	4.763	0.6	0.0399
1628	0.625	1.625	0.5	0.5	2.921	5.0009	9	6.35	0.6	0.0721
1630	0.75	1.625	0.5	0.5	2.921	5.0009	9	6.35	0.6	0.0649
1633	0.625	1.75	0.5	0.5	2.921	5.0009	9	6.35	0.6	0.0921
1635	0.75	1.75	0.5	0.5	2.921	5.0009	9	6.35	0.9	0.0848
1638	0.75	2.0	0.562	0.562	4.534	7.4681	10	6.35	0.9	0.1202
1640	0.875	2.0	0.562	0.562	4.534	7.4681	10	6.35	0.9	0.112
1641	1.0	2.0	0.562	0.562	4.534	7.4681	10	6.35	0.9	0.1002
1652	1.125	2.5	0.625	0.625	6.37	9.6018	11	7.938	1.0	0.2100
1654	1.25	2.5	0.625	0.625	6.37	9.6018	11	7.938	1.0	0.1901
1657	1.25	2.5625	0.687	0.687	7.913	11.2288	11	7.938	1.0	0.2050
1658	1.3125	2.5625	0.687	0.687	7.913	11.2288	11	7.938	1.0	0.2000

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

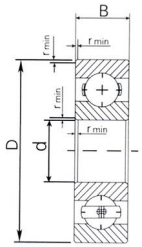
R SERIES
R系列



Seal (RS)



Shield (Z)

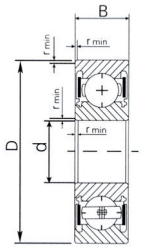


Open

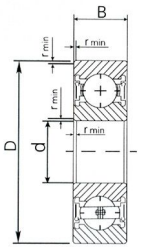
轴承型号 Bearing NO.	孔 径 Bore d mm	外 径 O.D D mm	宽 度 Width B mm	倒 角 Chamfer r min mm	钢球参数 Ball Complement		额定载荷 (KN) Load Rating	
					NO.	Size mm	Dynamic Cr	Static Cor
R168	6.350	9.525	3.175	0.1			0.268	0.136
R188	6.350	12.700	3.175	0.15	8	1.588	0.830	0.370
R4	6.350	15.875	4.978	0.3	8	2.381	1.136	0.558
R4A	6.350	19.050	7.14	0.4	6	3.969	2.175	1.163
R6	9.525	22.225	5.556	0.4	7	3.969	2.560	1.350
R8R	12.700	28.575	6.350	0.4	8	4.762	3.930	2.230
R8–7	11.113	28.575	6.350	0.4	8	4.762	3.912	2.245
R10	15.875	34.925	7.142	0.6	10	4.762	4.620	2.790
R12	19.050	41.275	7.938	0.6	9	6.350	7.240	4.463
99502H	15.875	34.925	7.938	0.8	8	5.593	4.605	2.774
R14	22.225	47.625	9.525	0.6	10	6.350	7.740	4.960
R16	25.400	50.800	9.525	0.6	10	6.747	7.740	5.160
R18	28.575	53.975	9.525	0.6	9	7.938	10.180	6.910
R3	4.763	12.7	3.967	0.3	8	2.0	1.301	0.488
R133	2.380	4.763	3.175	0.3	8	1.588	1.89	0.6
R166	4.763	9.525	3.0	0.3	8	2.0	0.709	0.272
MR126	6	12	3.0	0.2	7	2.0	0.715	0.292
MR106	6	10	3.0	0.2	7	2.0	0.496	0.218
MR117	7	11	3.5	0.2	7	2.0	0.455	0.202
MR128	8	12	4.0	0.2	8	2.381	0.543	0.274
MR148	8	14	4.0	0.2	8	2.381	0.817	0.386
MR115	5	11	4.0	0.3	8	2.381	0.716	0.282
MR105	5	10		0.3	8	2.381	0.431	0.169

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

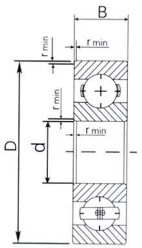
6000 SERIES
6000系列



Seal (RS)



Shield (Z)

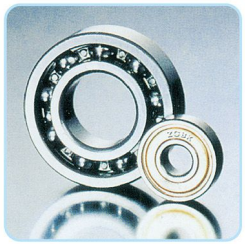


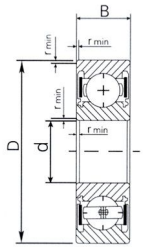
Open

轴承型号 Bearing NO.	孔 径 Bore d mm	外 径 O.D D mm	宽 度 Width B mm	倒 角 Chamfer r min mm	钢球参数 Ball Complement		额定载荷（KN） Load Rating		极限转速（转/分） Limiting speed		重 量 Weight (kg)
					NO.	Size mm	Dynamic Cr	Static Cor	Grease r/min	Oil r/min	
603	3	9	5	0.2	7	2	1.89	5.71	28000	36000	0.0143
604	4	12	4	0.2	7	2.381	3.5	9.57	28000	36000	0.0234
605	5	14	5	0.2	8	2	1.33	0.505	39000	46000	0.0035
606	6	17	6	0.3	6	3.175	1.95	0.72	30000	38000	0.0057
607	7	19	6	0.3	6	3.969	2.88	1.08	28000	36000	0.0071
608	8	22	7	0.3	7	3.969	3.32	1.38	26000	34000	0.011
609	9	24	7	0.3	7	3.969	3.35	1.40	22000	30000	0.014
6000	10	26	8	0.3	7	4.763	4.58	1.98	20000	28000	0.018
6001	12	28	8	0.3	8	4.763	5.10	2.38	19000	26000	0.02
6002	15	32	9	0.3	9	4.763	5.58	2.85	18000	24000	0.026
6003	17	35	10	0.3	10	4.763	6.00	3.25	17000	22000	0.036
6004	20	42	12	0.6	9	6.35	9.38	5.02	15000	19000	0.069
6005	25	47	12	1.0	10	6.35	10.10	5.58	13000	17000	0.075
6006	30	55	13	1.1	11	7.144	10.18	6.91	10000	14000	0.116
6007	35	62	14	1.1	11	7.938	12.46	8.65	9000	12000	0.155
6008	40	68	15	1.1	12	7.938	13.09	9.44	8500	11000	0.185
6009	45	75	16	1.5	12	9.0	16.21	11.95	8000	10000	0.231
6010	50	80	16	1.5	13	9.0	16.93	12.94	7000	9000	0.250

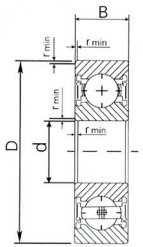
For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

6200 SERIES
6200系列

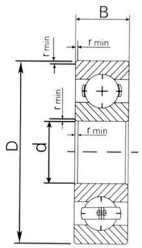




Seal (RS)



Shield (Z)



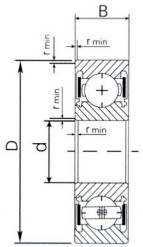
Open

轴承型号 Bearing NO.	孔 径 Bore d mm	外 径 O.D D mm	宽 度 Width B mm	倒 角 Chamfer r min mm	钢球参数 Ball Complement		额定载荷（KN） Load Rating		极限转速（转/分） Limiting speed		重 量 Weight (kg)
					NO.	Size mm	Dynamic Cr	Static Cor	Grease r/min	Oil r/min	
623	3	10	4	0.2	7	1.588	0.50	0.2156	38000	48000	0.0015
624	4	13	5	0.3	6	2.381	1.15	0.4	36000	45000	0.0032
625	5	16	5	0.3	8	2.381	1.88	0.68	32000	40000	0.0048
626	6	19	6	0.3	6	3.969	2.80	1.05	28000	36000	0.0075
627	7	22	7	0.3	7	3.969	3.28	1.35	26000	34000	0.012
628	8	24	8	0.3	7	3.969	3.35	1.40	24000	32000	0.017
629	9	26	8	0.3	7	4.5	4.45	1.95	22000	30000	0.019
6200	10	30	9	0.6	8	4.763	5.10	2.38	19000	26000	0.028
6201	12	32	10	0.6	7	5.953	6.82	3.05	18000	24000	0.034
6202	15	35	11	0.6	8	5.953	7.65	3.72	17000	22000	0.043
6203	17	40	12	0.6	8	6.747	9.58	4.47	16000	20000	0.062
6204	20	47	14	1.0	8	7.938	9.87	6.18	14000	18000	0.102
6205	25	52	15	1.1	9	7.938	10.75	10.02	12000	16000	0.120
6206	30	62	16	1.5	9	9.525	14.96	13.65	9500	13000	0.190
6207	35	72	17	2	9	11.112	19.74	15.92	8500	11000	0.270
6208	40	80	18	2	9	12.0	22.70	17.70	8000	10000	0.370
6209	45	85	19	2	10	12.0	24.35	19.82	7000	9000	0.380
6210	50	90	20	2	10	12.7	26.97	25.09	6700	8500	0.450

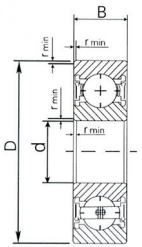
For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

6300 & 62200 & 62300 SERIES

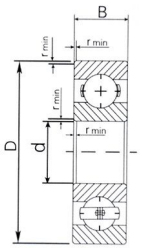
6300 & 62200 & 62300系列



Seal (RS)



Shield (Z)



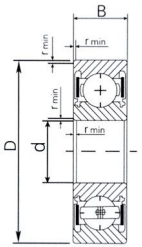
Open

轴承型号 Bearing NO.	孔 径 Bore d mm	外 径 O.D D mm	宽 度 Width B mm	倒 角 Chamfer r min mm	钢球参数 Ball Complement		额定载荷（KN） Load Rating		极限转速（转/分） Limiting speed		重 量 Weight (kg)
					NO.	Size mm	Dynamic Cr	Static Cor	Grease r/min	Oil r/min	
634	4	16	5	0.3	8	2.381	1.447	0.745	32000	40000	0.0049
635	5	19	6	0.3	6	3.969	2.161	1.163	28000	36000	0.0073
6300	10	35	11	0.6	7	6.35	7.65	3.48	20000	26000	0.054
6301	12	37	12	1.0	6	7.938	9.72	5.08	17000	22000	0.058
6302	15	42	13	1.0	7	7.938	11.5	5.42	16000	20000	0.082
6303	17	47	14	1.5	7	8.731	10.68	6.66	15000	19000	0.11
6304	20	52	15	2	7	9.525	12.25	7.79	13000	17000	0.14
6305	25	62	17	2	7	11.5	17.25	11.37	10000	14000	0.22
6306	30	72	19	2	8	12.0	21.66	14.80	9000	12000	0.33
6307	35	80	21	2.5	8	13.494	25.68	17.542	8000	10000	0.41
6308	40	90	23	2.5	8	15.081	31.36	22.25	7000	9000	0.6
6309	45	100	25	2.5	8	17.462	37.04	26.17	6000	8000	0.77
6310	50	110	27	3	8	19.05	47.43	35.57	6000	7500	1.03
62200	10	30	14	1.0	8	4.763	3.91	2.22	16000	20000	0.045
62201	12	32	14	1.0	7	5.953	5.22	3.03	15000	19000	0.050
62202	15	35	14	1.0	8	5.953	5.87	3.48	14000	18000	0.057
62203	17	40	16	1.0	8	6.747	7.33	4.45	13000	17000	0.083
62204	20	47	18	1.5	8	7.938	9.85	6.17	12000	16000	0.133
62205	25	52	18	1.5	9	7.938	10.75	6.95	11000	14000	0.150
62300	10	35	17	1.0	7	6.35	5.87	3.45	17000	22000	0.065
62301	12	37	17	1.0	6	7.938	7.45	4.63	16500	21000	0.083
62302	15	42	17	1.0	7	7.938	8.78	5.42	16000	20000	0.108
62303	17	47	19	1.0	7	8.731	10.43	6.54	15000	19000	0.150
62304	20	52	21	1.5	7	9.525	12.25	7.80	13000	17000	0.201
62305	25	65	24	1.5	7	11.509	17.20	11.37	10000	13000	0.316

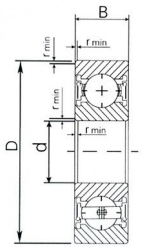
For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

6800 SERIES

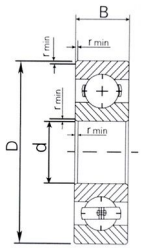
6800系列



Seal (RS)



Shield (Z)

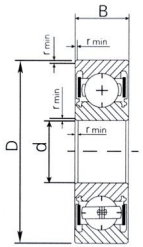


Open

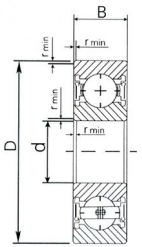
轴承型号 Bearing NO.	孔 径 Bore d mm	外 径 O.D D mm	宽 度 Width B mm	倒 角 Chamfer r min mm	钢球参数 Ball Complement		额定载荷（KN） Load Rating		极限转速（转/分） Limiting speed		重 量 Weight (kg)
					NO.	Size mm	Dynamic Cr	Static Cor	Grease r/min	Oil r/min	
683	3	7	3	0.1	7	1.20	0.30	0.12	45000	53000	0.00045
684	4	9	4	0.1	7	1.588	0.50	0.22	39000	48000	0.0009
685	5	11	3	0.2	8	1.588	0.547	0.253	35000	45000	0.0011
686	6	13	3.5	0.2	8	2.0	0.331	0.4	33000	42000	0.0019
687	7	14	3.5	0.2	9	2.0	0.898	0.458	31000	40000	0.0021
688	8	16	4	0.3	9	2.381	1.378	0.711	29000	38000	0.0031
689	9	17	5	0.3	9	2.381	1.378	0.711	28000	36000	0.0032
6800	10	19	5	0.3	9	2.831	1.40	0.75	26000	34000	0.005
6801	12	21	5	0.3	12	2.831	1.40	0.90	22000	30000	0.006
6802	15	24	5	0.3	14	2.831	1.92	1.18	20000	28000	0.007
6803	17	26	5	0.3	15	2.831	2.18	1.28	19000	26000	0.008
6804	20	32	7	0.3	13	3.175	3.45	2.25	17000	22000	0.019
6805	25	37	7	0.3	16	3.175	3.70	2.65	15000	19000	0.027
6806	30	42	7	0.3	20	3.175	4.70	3.65	13000	17000	0.026
6807	35	47	7	0.3	22	3.175	4.90	4.05	11000	15000	0.029
6808	40	52	7	0.3	25	3.175	5.10	4.40	9000	13000	0.033
6809	45	58	7	0.3	28	3.175	6.05	4.3	9500	12000	0.040
6810	50	65	7	0.3	31	3.175	6.24	4.75	9000	11000	0.052
6811	55	72	9	0.3	23	4.736	8.84	6.8	8500	10000	0.083
6812	60	78	10	0.6	24	4.736	8.71	6.7	7500	9000	0.11
6813	65	85	10	0.6	26	4.736	11.9	9.65	7000	8500	0.13
6814	70	90	10	0.6	28	4.736	12.1	10	6700	8000	0.14
6815	75	95	10	0.6	30	4.736	12.5	10.8	6300	7500	0.15
6816	80	100	10	0.6	31	4.736	12.7	11.2	6000	7000	0.15

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

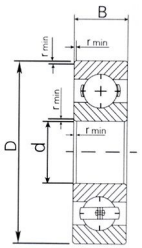
6900 SERIES
6900系列



Seal (RS)



Shield (Z)

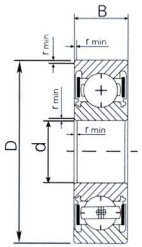


Open

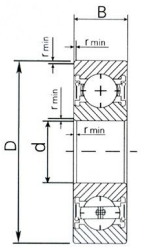
轴承型号 Bearing NO.	孔径 Bore d mm	外径 O.D D mm	宽度 Width B mm	倒角 Chamfer r min mm	钢球参数 Ball Complement		额定载荷（KN） Load Rating		极限转速（转/分） Limiting speed		重量 Weight (kg)
					NO.	Size mm	Dynamic Cr	Static Cor	Grease r/min	Oil r/min	
693	3	8	3	0.15	6	1.588	0.56	0.18	54000	63000	0.0006
W693	3	8	4	0.15	6	1.588	0.56	0.18	54000	63000	0.0007
694	4	11	4	0.15	7	2	0.715	0.276	45000	52000	0.0018
695	5	13	4	0.2	8	2.0	1.08	0.42	34000	43000	0.0024
696	6	15	5	0.2	8	2.381	1.48	0.60	32000	40000	0.0038
697	7	17	5	0.2	9	2.381	2.02	0.80	30000	38000	0.0052
698	8	19	6	0.3	7	3.5	2.25	0.92	28000	36000	0.0073
699	9	20	6	0.3	9	2.381	2.48	1.08	27000	34000	0.0082
6900	10	22	6	0.5	9	3.175	3.30	1.40	25000	32000	0.009
6901	12	24	6	0.5	10	3.175	3.38	1.48	20000	28000	0.011
6902	15	28	7	0.5	10	3.969	4.00	2.02	19000	26000	0.016
6903	17	30	7	0.5	11	3.969	4.30	2.32	18000	24000	0.018
6904	20	37	9	0.5	11	4.763	6.55	3.60	17000	22000	0.036
6905	25	42	9	0.5	12	4.763	7.36	4.55	14000	18000	0.042
6906	30	47	9	0.3	14	4.763	7.25	5.00	12000	16000	0.048
6907	35	55	10	0.6	13	5.953	11.2	7.45	10000	14000	0.074
6908	40	62	12	0.6	13	6.747	14.6	10.2	8000	12000	0.110
6909	45	68	12	1.0	15	6.747	14	98	9000	11000	0.14
6910	50	72	12	1.0	16	6.747	14.6	10.4	8500	10000	0.14
6911	55	80	13	1.0	15	7.938	15.9	11.4	8000	9500	0.19
6912	60	85	13	1.0	16	7.938	16.5	12	7500	9000	0.20
6913	65	90	13				17.4	13.4	6700	8000	0.22
6914	70	100	16				23.8	18.3	6300	7500	0.35
6915	75	105	16				24.2	19.3	6000	7000	0.37

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

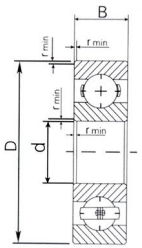
16000 SERIES
16000系列



Seal (RS)



Shield (Z)

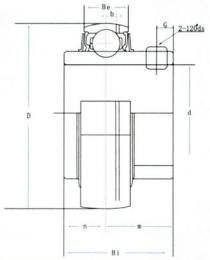


Open

Bearing Type	Principal Dimensions			Basic Load		Limiting speed		Weight (kg)
	d	D	B	Cr	Cor	Grease	Oil	
	mm			N		r/min		
16100	10	28	8	4620	1960	28000	34000	0.022
16101	12	30	8	5070	2360	26000	32000	0.023
16002	15	32	8	5590	2850	22000	28000	0.025
16003	17	35	8	6050	3250	19000	24000	0.032
16004	20	42	8	6890	4050	17000	20000	0.050
16005	25	47	8	7610	4750	14000	17000	0.060
16006	30	55	9	11200	7350	12000	15000	0.085
16007	35	62	9	12400	8150	10000	13000	0.110
16008	40	68	9	13300	9150	9500	12000	0.130
16009	45	75	10	15600	10800	9000	11000	0.170
16010	50	80	10	16300	11400	8500	10000	0.180
16011	55	90	11	19500	14000	7500	9000	0.260
16012	60	95	11	19900	15000	6700	8000	0.280
16013	65	100	11	21200	16600	6300	7500	0.300
16014	70	110	13	28100	25000	6000	7000	0.430
16015	75	115	13	28600	27000	5600	6700	0.460
16016	80	125	14	33200	31500	5300	6300	0.600
16017	85	130	14	33800	33500	5000	6000	0.630
16018	90	140	16	41600	39000	4800	5600	0.850
16019	95	145	16	42300	41500	4500	5300	0.860
16020	100	150	16	44200	44000	4300	5000	0.910
16021	105	160	18	52000	51000	4000	4800	1.200
16022	110	170	19	57200	57000	3800	4500	1.450
16024	120	180	19	60500	64000	3400	4000	1.600
16026	130	200	22	79300	81500	3200	3800	2.350

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

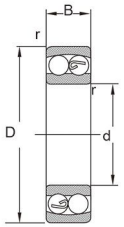
SPHERICAL BEARINGS
外球面轴承

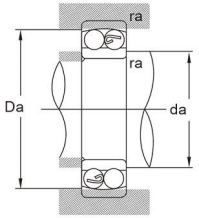


轴承型号 Bearing No.	内径 d (in)(mm)	外形尺寸（英寸）和（毫米） Dimensions(in)or(mm)							重量 Weight (kg)
		D	Bi	Be	n	m	G	Ds	
UC201-8	1/2								0.19
UC201	12								0.20
UC202-9	9/16								0.19
UC202-10	5/8								0.19
UC202	15	1.8504	1.2205	0.6693	0.5000	0.7205	0.1969	1/4-28	0.19
UC203-11	11/16	47	31	17	12.7	18.3	5	M6P0.75	0.17
UC203	17								0.18
UC204-12	3/4								0.16
UC204	20								0.16
UC205-13	13/16								0.24
UC205-14	7/8								0.23
UC205-15	15/16	2.0472	1.3426	0.6693	0.5630	0.7795	0.1969	1/4-28	0.21
UC205-16	1	52	34.1	17	14.3	19.8	5	M6P0.75	0.20
UC205	25								0.20
UC206-17	1 1/16								0.33
UC206-18	1 1/8	2.4409	1.5000	0.7480	0.6260	0.8740	0.1969	1/4-28	0.34
UC206-19	1 3/16	62	38.1	19	15.9	22.2	5	M6P0.75	0.32
UC206-20	1 1/4								0.31
UC206	30								0.32
UC207-20	1 1/4								0.54
UC207-21	1 5/16	2.8346	1.6890	0.7874	0.6890	1.0000	0.2756	5/16-24	0.51
UC207-22	1 3/8	72	42.9	20	17.5	25.4	7	M8P1.0	0.48
UC207-23	1 7/16								0.45
UC207	35								0.48
UC208-24	1 1/2	3.1496	1.9370	0.8661	0.7480	1.1890	0.3150	5/16-24	0.68
UC208-25	1 9/16								0.65
UC208	40	80	49.2	22	19	30.2	8	M8P1.0	0.64
UC209-26	1 5/8	3.3465	1.9370	0.8661	0.7480	1.1890	0.3150	5/16-24	0.78
UC209-27	1 11/16	85	49.2	22	19	30.2	8	M8P1.0	0.74
UC209-28	1 3/4								0.70
UC209	45								0.68
UC210-29	1 13/16								0.92
UC210-30	1 7/8	3.5433	2.0315	0.9449	0.7480	1.2835	0.3937	3/8-24	0.87
UC210-31	1 15/16	90	51.6	24	19	32.6	10	M10P1.25	0.82
UC210-32	2								0.78
UC210	50								0.80
UC211-32	2								1.26
UC211-33	2 1/16	3.9370	2.1900	0.9843	0.8740	1.3150	0.3937	3/8-24	1.20
UC211-34	2 1/8	100	55.6	25	22.2	33.4	10	M10P1.25	1.15
UC211-35	2 3/16								1.09
UC211	55								1.11
UC212-36	2 1/4								1.67
UC212-37	2 5/16								1.59
UC212-38	2 3/8	4.3307	2.5630	1.0630	1.0000	1.5630	0.3937	3/8-24	1.52
UC212-39	2 7/16	110	65.1	27	25.4	39.7	10	M10P1.25	1.45
UC212	60								1.54

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。
We can provide the corresponding bearing seat and "SA、SB" series bearings.
我们同时可以提供对应型号的轴承座及SA、SB系列外球面轴承。

SELF ALIGNING BALL BEARINGS
调心球轴承

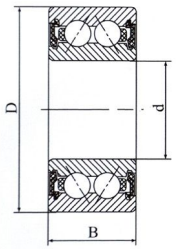




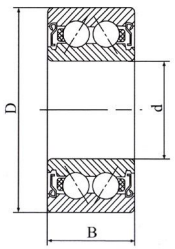
轴承型号 Bearing No.	外形尺寸（mm） Boundary dimension(mm)				重量 mass (Kg) 参考 refer		
	d	D	B	r (min)	ZrO2	Si3N4	SISI440C
1200	10	30	9	0.6	0.026	0.014	0.034
1201	12	32	10	0.6	0.031	0.016	0.04
1202	15	35	11	0.6	0.038	0.020	0.049
1203	17	40	12	0.6	0.056	0.030	0.073
1204	20	47	14	1	0.09	0.049	0.12
1205	25	52	15	1	0.11	0.058	0.14
1206	30	62	16	1	0.17	0.090	0.22
1207	35	72	17	1.1	0.25	0.13	0.32
1208	40	80	18	1.1	0.32	0.17	0.42
1209	45	85	19	1.1	0.36	0.19	0.47
1210		90	20	1.1	0.40	0.22	0.53

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

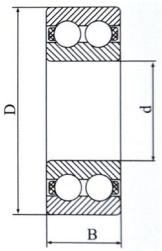
DOUBLE ROW ANGULAR CONTACT BALL BEARINGS
双列角接触轴承



52、53 2RS系列



52、53 ZZ系列

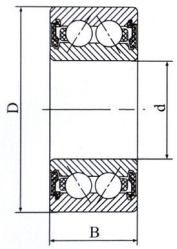


42系列、43系列

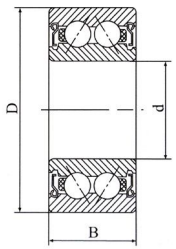
轴承代号 Bearing Number			基本尺寸（mm） Principal Dimensions			基本额定负荷（N） Basic Ratings		重量 (kg) Weight
基本代号 P/ NO.	带防尘盖型 Shielded	带密封圈型 Sealed	d	D	B	Cr	Cor	
5200	ZZ	2RS	10	30	14	7410	4300	0.051
5300	ZZ	2RS		35	19	10100	5600	0.092
5201	ZZ	2RS	12	32	15.9	10100	5600	0.058
5301	ZZ	2RS		37	19	13000	7300	0.109
5202	ZZ	2RS	15	35	15.9	11200	6800	0.066
5302	ZZ	2RS		42	19	15100	9150	0.130
5203	ZZ	2RS	17	40	17.5	14000	8650	0.096
5303	ZZ	2RS		47	22.2	21200	12500	0.180
5204	ZZ	2RS	20	47	20.6	18600	12000	0.160
5304	ZZ	2RS		52	22.2	22100	14300	0.220
5205	ZZ	2RS	25	52	20.6	20300	14000	0.180
5305	ZZ	2RS		62	25.4	31200	20800	0.350
5206	ZZ	2RS	30	62	23.8	28100	20000	0.290
5306	ZZ	2RS		72	30.2	41000	28500	0.530
5207	ZZ	2RS	35	72	27	37100	27500	0.440
5307	ZZ	2RS		80	34.9	48800	34000	0.730
5208	ZZ	2RS	40	80	30.2	44900	33500	0.580
5308	ZZ	2RS		90	36.5	59200	43000	0.950

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

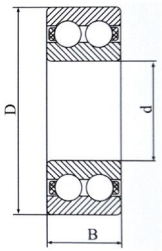
DOUBLE ROW ANGULAR CONTACT BALL BEARINGS
双列角接触轴承



52、53 2RS系列



52、53 ZZ系列



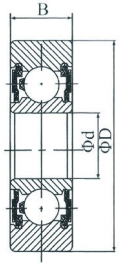
42系列、43系列

轴承代号 Bearing Number	基本尺寸（mm） Principal Dimensions			基本额定负荷（KN） Basic Ratings		重量 (kg) Weight
	d	D	B	Cr	Cor	
4200A	10	30	14	9230	5200	0.049
4201A	12	32	14	10600	6200	0.053
4301A		37	17	13000	7800	0.092
4202A	15	35	14	11900	7500	0.059
4302A		42	17	14800	9500	0.120
4203A	17	40	16	14800	9500	0.090
4303A		47	19	19500	13200	0.160
4204A	20	47	18	17800	12500	0.140
4304A		52	21	23400	16000	0.210
4205A	25	52	18	19000	14600	0.160
4305A		62	24	31900	22400	0.340
4206A	30	62	20	26000	20800	0.260
4306A		72	27	41000	30000	0.500
4207A	35	72	23	35100	28500	0.400
4307A		80	31	50700	38000	0.690
4208A	40	80	23	37100	32500	0.500
4308A		90	33	55900	45000	0.950
4209A	45	85	23	39000	36000	0.540
4309A		100	36	68900	56000	1.250
4210A	50	90	23	41000	40000	0.580
4310A		110	40	81900	69500	1.700
4211A	55	100	25	44900	44000	0.800
4311A		120	43	97500	83000	2.150
4212A	60	110	28	57200	55000	1.100
4312A		130	46	112000	98000	2.650
4213A	65	120	31	67600	67000	1.450
4313A		140	48	121000	106000	3.250
4214A	70	125	31	70200	73500	1.500
4215A	75	130	31	72800	80000	1.600
4216A	80	140	33	80600	90000	2.000

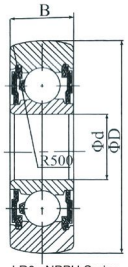
For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

LR...NPP/NPPU SERIES BEARINGS

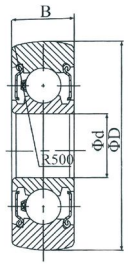
LR...NPP/NPPU系列轴承



LR2...NPP Series



LR6...NPPU Series
LR60...NPPU Series
LR2...NPPU Series



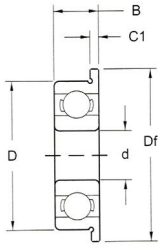
LR6...KDDU Series

轴承代号 Bearing Number	基本尺寸（mm） Principal Dimensions			基本额定负荷（KN） Basic Ratings		极限转速 Limiting Spssds
	d	D	B	Cr	Cor	Grease 脂
LR604NPPU	4	13	4	970	360	40000
LR605NPPU	5	16	5	1330	500	38000
LR605KDDU	6	19	5	1330	500	38000
LR606NPPU	6	19	6	1970	740	36000
LR606KDDU	7	19	6	1970	740	36000
LR607NPPU	7	22	6	2340	890	34000
LR607KDDU	8	22	6	2340	890	34000
LR608NPPU	8	24	7	3300	1350	32000
LR608KDDU	10	24	7	3300	1350	32000
LR6000NPPU	10	28	8	4600	1960	28000
LR200NPPU	10	32	9	5100	2370	16000
LR200NPP	12	32	9	5100	2370	16000
LR6001NPPU	12	30	8	5100	2350	26000
LR201NPPU	12	35	10	6800	3050	15000
LR201NPP	15	35	10	6800	3050	15000
LR6002NPPU	15	35	7	5600	2850	22000
LR202NPPU	15	40	11	7600	3700	14000
LR202NPP	17	40	11	7600	3700	14000
LR203NPPU	17	47	12	9600	4750	11000
LR203NPP	17	47	12	9600	4750	11000
LR6004NPPU	20	47	12	9400	5000	17000
LR204NPPU	20	52	14	12600	6600	10000
LR204NPP	20	52	14	12800	6600	10000
LR205NPP	25	62	15	14000	7800	9000
LR206NPPU	30	72	16	19500	11300	7100
LR206NPP	30	72	16	19500	11300	7100

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

FLANGE SERIES

法兰系列



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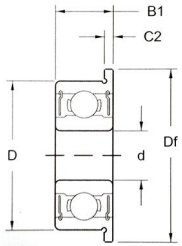

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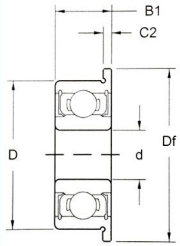
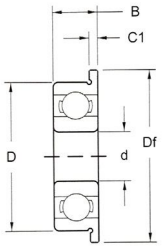


2RS

LMS Bearing Number	Bore (mm)	Outside Diameter (mm)		Width (mm)		Flange Dimensions (mm)		Basic Load Rating lbs	
				open	enclosed				
	d	D	Df	B	B1	C1	C2	Dynamic Cr	Static Cor
MF63	3	6	7.2	2	2.5	0.6	0.6	35	14
F683	3	7	8.1	2	3	0.5	0.8	66	29
MF83	3	8	9.2	2.5	–	0.6	–	64	24
F693	3	8	9.5	3	4	0.7	0.9	64	24
MF93	3	9	10.2*	2.5	4	0.6	0.8	99	42
F603	3	9	10.5	3	–	0.7	–	99	42
F623	3	10	11.5	4	4	1	1	99	42
MF74	4	7	8.2	2	2.5	0.6	0.6	58	25
MF84	4	8	9.2	2	3	0.6	0.6	88	33
F684	4	9	10.3	2.5	4	0.6	1	99	42
MF104	4	10	11.2*	3	4	0.6	0.8	99	42
F694	4	11	12.5	4	4	1	1	123	57
F604	4	12	13.5	4	4	1	1	167	77
F624	4	13	15	5	5	1	1	224	108
F634	4	16	18	5	5	1	1	300	140
MF85	5	8	9.2	2	2.5	0.6	0.6	62	31
MF95	5	9	10.2	2.5	3	0.6	0.6	112	46
MF105	5	10	11.6	3	4	0.6	0.8	115	55
MF115	5	11	12.6	–	4	–	0.8	123	57
F685	5	11	12.5	3	5	0.8	1	123	57
F695	5	13	15	4	4	1	1	187	90
F605	5	14	16	5	5	1	1	229	110
F625	5	16	18	5	5	1	1	300	140
F635	5	19	22	6	6	1.5	1.5	400	190

For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

FLANGE SERIES
法兰系列



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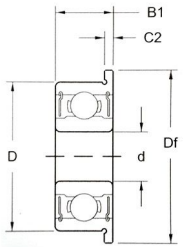
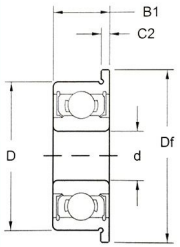


ZZ

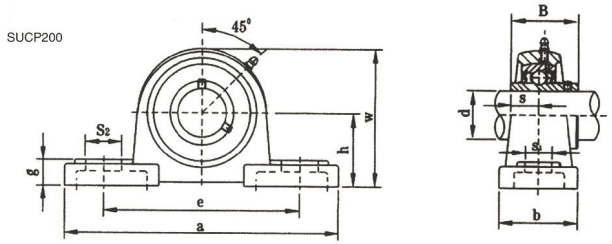


2RS

LMS Bearing Number	Bore (mm)	Outside Diameter (mm)		Width (mm)		Flange Dimensions (mm)		Basic Load Rating lbs	
				open	enclosed				
	d	D	Df	B	B1	C1	C2	Dynamic Cr	Static Cor
MF106	6	10	11.2	2.5	3	0.6	0.6	123	57
MF126	6	12	13.2*	3	4	0.6	0.8	187	82
F686	6	13	15	3.5	5	1	1.1	187	90
F696	6	15	17	5	5	1.2	1.2	300	140
F606	6	17	19	6	6	1.2	1.2	300	140
F626	6	19	22	6	6	1.5	1.5	400	190
MF117	7	11	12.2	2.5	3	0.6	0.6	101	46
MF137	7	13	14.2*	3	4	0.6	0.8	198	88
F687	7	14	16	3.5	5	1	1.1	202	103
F697	7	17	19	5	5	1.2	1.2	235	120
F607	7	19	22	6	6	1.5	1.5	385	180
F627	7	22	25	7	7	1.5	1.5	580	290
MF128	8	12	13.2*	2.5	3.5	0.6	0.8	115	57
MF148	8	14	15.6	3.5	4	0.8	0.8	198	88
F688	8	16	18	4	5	1	1.1	310	160
F698	8	19	22	6	6	1.5	1.5	285	145
F608	8	22	25	7	7	1.5	1.5	580	290
F689	9	17	19	4	5	1	1.1	310	143
F699	9	20	23	6	6	1.5	1.5	528	231
F609	9	24	27	7	7	1.5	1.5	580	280

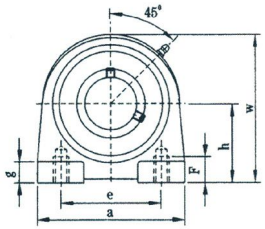
For stainless steel,add an "S" prefix to part number.
不锈钢轴承请在型号前面加“S”。

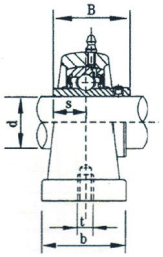
STAINLESS STEEL BEARING UNITS
不锈钢带座外球面轴承



带座轴承型号 Bearing Unit No.	轴 径 Bore Dia d in	轴 径 Bore Dia d mm	外形尺寸（毫米） Dimensions(mm) h	a	e	b	S_1	S_2	g	W	S	B	轴 承 Bearing No.	轴承座 Housing No.	重 量 Weight (kg)
SUCP201		12	33.3	127	96	36	13	19	13	60	12.7	31	SUC201	SP203	0.75
SUCP201-8	1/2												SUC201-8		
SUCP202		15											SUC202		
SUCP202-10	5/8												SUC202-10		
SUCP203		17											SUC203		
SUCP203-11	11/16												SUC203-11		
SUCP204		20	33.3	127	95	38	13	19	14	65	12.7	31	SUC204	SP204	0.73
SUCP204-12	3/4												SUC204-12		
SUCP205		25	36.5	140	105	38	13	19	15	71	14.3	34.1	SUC205	SP205	0.91
SUCP205-14	7/8												SUC205-14		
SUCP205-15	15/16												SUC205-15		
SUCP205-16	1												SUC205-16		
SUCP206		30	42.9	165	121	48	17	21	17	83	15.9	38.1	SUC206	SP206	1.32
SUCP206-17	1-1/16												SUC206-17		
SUCP206-18	1-1/8												SUC206-18		
SUCP206-19	1-3/16												SUC206-19		
SUCP206-20	1-1/4												SUC206-20		
SUCP207		35	47.6	167	127	48	17	21	18	93	17.5	42.9	SUC207	SP207	1.72
SUCP207-20	1-1/4												SUC207-20		
SUCP207-21	1-5/16												SUC207-21		
SUCP207-22	1-3/8												SUC207-22		
SUCP207-23	1-7/16												SUC207-23		
SUCP208		40	49.2	184	137	54	17	23	18	98	19.0	49.2	SUC208	SP208	2.14
SUCP208-24	1-1/2												SUC208-24		
SUCP208-25	1-9/16												SUC208-25		
SUCP209		45	54.0	190	146	54	17	23	20	106	19.0	49.2	SUC209	SP209	2.45
SUCP209-26	1-5/8												SUC209-26		
SUCP209-27	1-11/16												SUC209-27		
SUCP209-28	1-3/4												SUC209-28		
SUCP210		50	57.2	206	159	60	20	25	21	114	19.0	51.6	SUC210	SP210	3.10
SUCP210-29	1-13/16												SUC210-29		
SUCP210-30	1-7/8												SUC210-30		
SUCP210-31	1-15/16												SUC210-31		
SUCP210-32	2												SUC210-32		

SUCPA200

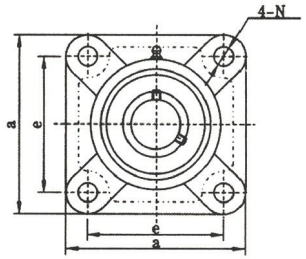


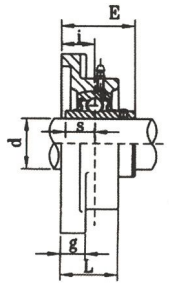


带座轴承型号 Bearing Unit No.	轴径 Bore Dia d in	轴径 Bore Dia d mm	外形尺寸（毫米）Dimensions(mm) h	a	e	b	g	W	F	t	S	B	轴承 Bearing No.	轴承座 Housing No.	重量 Weight (kg)
SUCPA201		12	30.2	76	52	40	11	62	13	M10	12.7	31	SUC201	SPA203	0.60
SUCPA201-8	1/2												SUC201-8		
SUCPA202		15											SUC202		
SUCPA202-10	5/8												SUC202-10		
SUCPA203		17											SUC203		
SUCPA203-11	11/16												SUC203-11		
SUCPA204		20	30.2	76	52	40	11	62	13	M10	12.7	31	SUC204	SPA204	0.57
SUCPA204-12	3/4												SUC204-12		
SUCPA205		25	36.5	84	56	45	12	72	15	M10	14.3	34.1	SUC205	SPA205	0.81
SUCPA205-14	7/8												SUC205-14		
SUCPA205-15	15/16												SUC205-15		
SUCPA205-16	1												SUC205-16		
SUCPA206		30	42.9	94	66	50	12	84	18	M14	15.9	38.1	SUC206	SPA206	1.17
SUCPA206-17	1-1/16												SUC206-17		
SUCPA206-18	1-1/8												SUC206-18		
SUCPA206-19	1-3/16												SUC206-19		
SUCPA206-20	1-1/4												SUC206-20		
SUCPA207		35	47.6	110	80	55	13	95	20	M14	17.5	42.9	SUC207	SPA207	1.65
SUCPA207-20	1-1/4												SUC207-20		
SUCPA207-21	1-5/16												SUC207-21		
SUCPA207-22	1-3/8												SUC207-22		
SUCPA207-23	1-7/16												SUC207-23		
SUCPA208		40	49.2	116	84	58	13	100	20	M14	19.0	49.2	SUC208	SPA208	1.90
SUCPA208-24	1-1/2												SUC208-24		
SUCPA208-25	1-9/16												SUC208-25		
SUCPA209		45	54.2	120	90	60	13	108	25	M14	19.0	49.2	SUC209	SPA209	2.17
SUCPA209-26	1-5/8												SUC209-26		
SUCPA209-27	1-11/16												SUC209-27		
SUCPA209-28	1-3/4												SUC209-28		
SUCPA210		50	57.2	130	94	64	14	116	25	M16	19.0	51.6	SUC210	SPA210	2.73
SUCPA210-29	1-13/16												SUC210-29		
SUCPA210-30	1-7/8												SUC210-30		
SUCPA210-31	1-15/16												SUC210-31		
SUCPA210-32	2												SUC210-32		

STAINLESS STEEL BEARING UNITS
不锈钢带座外球面轴承

SUCF200





带座轴承型号 Bearing Unit No.	轴径 Bore Dia d in	轴径 Bore Dia d mm	外形尺寸（毫米）Dimensions(mm) a	e	i	g	L	N	E	S	轴承 Bearing No.	轴承座 Housing No.	重量 Weight (kg)
SUCF201		12	86	64	15	11	25.5	12	33.3	12.7	SUC201	SF203	1.00
SUCF201-8	1/2										SUC201-8		
SUCF202		15									SUC202		
SUCF202-10	5/8										SUC202-10		
SUCF203		17									SUC203		
SUCF203-11	11/16										SUC203-11		
SUCF204		20	86	64	15	12	25.5	12	33.3	12.7	SUC204	SF204	0.95
SUCF204-12	3/4										SUC204-12		
SUCF205		25	95	70	16	14	27	12	35.8	14.3	SUC205	SF205	1.20
SUCF205-14	7/8										SUC205-14		
SUCF205-15	15/16										SUC205-15		
SUCF205-16	1										SUC205-16		
SUCF206		30	108	83	18	14.3	31	12	40.2	15.9	SUC206	SF206	1.89
SUCF206-17	1-1/16										SUC206-17		
SUCF206-18	1-1/8										SUC206-18		
SUCF206-19	1-3/16										SUC206-19		
SUCF206-20	1-1/4										SUC206-20		
SUCF207		35	117	92	19	15.5	34	14	44.4	17.5	SUC207	SF207	2.39
SUCF207-20	1-1/4										SUC207-20		
SUCF207-21	1-5/16										SUC207-21		
SUCF207-22	1-3/8										SUC207-22		
SUCF207-23	1-7/16										SUC207-23		
SUCF208		40	130	102	21	15.5	36	16	51.2	19.0	SUC208	SF208	2.79
SUCF208-24	1-1/2										SUC208-24		
SUCF208-25	1-9/16										SUC208-25		
SUCF209		45	137	105	22	17.5	38	16	52.2	19.0	SUC209	SF209	3.18
SUCF209-26	1-5/8										SUC209-26		
SUCF209-27	1-11/16										SUC209-27		
SUCF209-28	1-3/4										SUC209-28		
SUCF210		50	143	111	22	17.5	40	16	54.6	19.0	SUC210	SF210	3.68
SUCF210-29	1-13/16										SUC210-29		
SUCF210-30	1-7/8										SUC210-30		
SUCF210-31	1-15/16										SUC210-31		
SUCF210-32	2										SUC210-32		

MATERIALS AND ACCURACY
材 料 和 精 度

◆轴承刚化学成分参考表1
◆轴承各个国家标识参考表2
◆不锈钢内外圈球保持架材料参考表3
◆不锈钢化学成分参考表4
◆轴承精度参考表5

◆The bearing steel chemical composition see table 1
◆The contrast of bearing steel No. of each country. see table 2
◆The material of rings,ball,cage of stainless steel bearing see table 3
◆The stainless steel chemical composition see table 4
◆The contrast of bearing accuracy see table 5

◆Table 1

Chemical Composition(%)									
No.	C	Mn	Si	Cr	S	P	Ni	Cu	HB
					<				
GCr15	0.95~1.05	0.20~0.4	0.15~0.35	1.30~1.65	0.020	0.027	0.3	0.25	170~207

◆Table 2

Country	China	ISO	U.S.A	Germany	Japan	Sweden
Bearing Steel NO.	GCr15	683/XVII1	(AISI)52100	(Din)100Cr6	(Jis) SUJ2	SKF3

◆Table 3

Rings material	AISI440C 9Cr18	AISI440B 9Cr18Mo	AISI304 1Cr18Ni9	AISI316 0Cr17Ni12Mo2
Ball material	AISI440C	AISI420	AISI316	AISI304
Cage material	AISI304	Nyion 尼龙66	密封圈RS防尘盖ZZ4	ZZ AISI304

◆Table 4

No.	C%	Cr%	Si%	Mn%	S%	P%	Mo%	Ni%
AISI440C	0.90–1.05	17–19	≤0.8	≤0.7	≤0.03	≤0.035		
AISI440B	0.75–0.90	17–19	≤0.8	≤0.8	≤0.03	≤0.035	1–1.3	
AISI304(304L)	0.08(0.03)	18–20	≤1	≤2	≤0.03	≤0.035		8–10.5 (9–13)
AISI316(316L)	0.75–0.90	16–18	≤1	≤2	≤0.03	≤0.035	2–3	10–14
Material erosive resistance capacity:AISI316L > AISI304L > AISI316L > AISI304L > AISI440B > AISI440C								

◆Table 5

Country	Standard	Accuracy Grade				
China	GB307.1	0	6	5	4	2
International Standard Organization	ISO	0	6	5	4	2
Sweden	SKF	P0	P6	P5	P4	P2
Germany	DIN	P0	P6	P5	P4	P2
Japan	JIS	P0	P6	P5	P4	P2
U.S.A	ANSI	ABEC1	ABEC3	ABEC5	ABEC7	ABEC9

VIBRATRON AND NOISE
振 动 和 噪 声

◆深沟球轴承加速度振动值（dB）见表4
◆深沟球轴承速度级，振动值（μm/s）见表5
◆Deep groove ball bearing acceleration vibration value (dB), see table 4
◆Deep groove ball bearing velocity vibration value (μm/s) see table 5

◆表4 单个轴承振动加速度级（dB）不超过
Table 5 Single bearing vibration speed grade can not be over the following values

d	6000 Series				6200 Series					6300 Series				
mm	Z	Z1	Z2	Z3	Z	Z1	Z2	Z3	Z4	Z	Z1	Z2	Z3	Z4
3	35	34	32	28	36	35	32	30	–	37	36	33	31	–
4	35	34	32	28	36	35	32	30	–	37	36	33	31	–
5	37	36	34	30	38	37	34	32	–	39	37	35	33	–
6	37	36	34	30	38	37	34	32	–	39	37	35	33	–
7	39	38	35	31	40	38	36	34	–	–	–	–	–	–
8	39	38	35	31	40	38	36	34	–	–	–	–	–	–
9	41	40	36	32	42	40	37	35	–	–	–	–	–	–
10	43	42	38	33	44	42	39	35	30	46	44	40	37	32
12	44	43	39	34	45	43	39	35	30	47	45	40	37	32
15	45	44	40	35	46	44	41	36	31	48	46	42	38	33
17	46	44	40	35	47	45	41	36	31	49	47	42	38	33
20	47	45	41	36	48	46	42	38	33	50	48	43	39	34
22	47	45	41	36	48	46	42	38	33	50	48	43	39	34
25	48	46	42	38	49	47	43	40	36	51	49	44	41	37
28	49	47	43	39	50	48	44	41	37	52	50	45	42	38
30	49	47	43	39	50	48	44	41	37	52	50	45	42	38
32	50	48	44	40	51	49	45	42	38	42	51	46	43	39
35	51	49	45	41	52	50	46	43	39	54	52	47	44	40
40	42	51	46	42	54	52	47	44	40	56	54	49	45	41
45	55	42	48	45	56	54	49	46	43	58	56	51	47	44
50	57	54	50	47	58	55	51	48	45	60	57	42	49	46
55	59	56	52	49	60	57	42	50	47	72	59	54	51	48
60	61	58	54	51	72	59	54	51	48	64	61	56	42	50

◆表5 单个轴承振动速度级允许极限值
Table 5 Single bearing velocity vibration speed grade allowed the limit value

μm/s

轴承公称公称内径 Bore Diameter d mm	V1			V2			V3		
	低频带 Low Frequency	中频带 Medium Frequency	高频带 High Frequency	低频带 Low Frequency	中频带 Medium Frequency	高频带 High Frequency	低频带 Low Frequency	中频带 Medium Frequency	高频带 High Frequency
5	90	60	50	58	36	30	35	21	18
6	90	60	50	58	36	30	35	21	18
7	110	80	65	72	48	40	44	28	24
8	110	80	65	72	48	40	44	28	24
9	110	80	65	72	48	40	44	28	24
10	140	100	85	90	60	50	55	35	30
12	140	100	85	90	60	50	55	35	30
15	180	130	100	110	78	60	65	46	35
17	180	130	100	110	78	60	65	46	35
20	220	160	125	130	100	75	80	60	45
22	220	160	125	130	100	75	80	60	45
25	220	160	125	130	100	75	80	60	45
30	250	200	160	150	120	100	90	75	60
35	250	200	160	150	120	100	90	75	60
40	240	180	160	180	150	130	110	90	80
45	240	180	160	180	150	130	110	90	80
50	280	200	200	210	160	160	125	100	100

CLEARANCE、 PACKING、RUSTRESISTING
游隙、包装、防锈

游 隙 Clearance

径向游隙按ISO5753标准分为五组。无载荷的径向游隙值见表6

In accordance with the standard of ISO 5753, The radial Clearance can be divided into five groups, Radial clearance value without load see table 6

◆Radial internal clearance standard for deep groove ball bearings

d(mm)		C2		C0		C3		C4		C5	
Over	up To	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
2.5	6	0	7	2	13	8	23	–	–	–	–
6	10	0	7	2	13	8	23	14	29	20	37
10	18	0	9	3	18	11	25	18	33	25	45
18	24	0	10	5	20	13	28	20	36	28	48
24	30	1	11	5	20	13	28	23	41	30	53
30	40	1	11	6	20	15	33	28	46	40	64
40	50	1	11	6	23	18	36	30	51	45	73
50	65	1	15	8	28	23	43	38	61	55	90
65	80	1	15	10	30	25	51	46	71	65	105
80	100	1	18	12	36	30	58	53	84	75	120
100	120	2	20	15	41	36	66	61	97	90	140

包 装 Packing

轴承一般用塑料管或薄膜袋包装，然后装入外包装纸箱内。小型轴承也可小盒，用户对包装有要求时，可在合同上注明。

Generally Bearing is to be packed in the plastic pipes or the thin membrane bags(10 sets). Then to be packed into the medium size Paper Box(50 sets or 100sets). Then all to be packed in to the carton as the external packing Small.The users who have any requirements in packing may write them down in the contract.

防 锈 Rustresisting

轴承在正常储存、保管的条件下，防锈期为一年，如在防锈期内轴承生锈，则凭合格证退货或调换，保管期超过半年的，应在防锈期到日期前检查后再按规定进行复防，以保持轴承不生锈。不锈钢轴承不用涂油防锈。

Bearing should normally be put under the protected condition then it is to be stored and preserved. The rustresisting period is a year. If any bearing is rusted within the rustresisting period. Upon the contract.You may claim for returning the goods or changing newones. If there is half a year over the preservation period. At he time before the expiring date of rustresisting you have to check it over then according to the stipulation to be rustresisted again so as to keep the bearing not rusty.

LUBRICATION
润滑

◆常用油脂 Popular Grease Used

Mfg 生产商	Brand 油脂品牌	Thickener 增稠剂	Base Oil 基油	Drop Point℃ 滴点	Consistency 稠度	Operation temperature range℃ 工作温度	Application 适用范围
Exxon 埃索	Beacon325	Lithium	Diester	193	290	–60~+120	Low Temp
	AndokB	Nathium	Mineral	260	280	–40~+120	General purpose
	AndokC	Nathium	Mineral	≥260	205	–20~+120	General purpose
	Andok260	Nathium	Mineral	200	250	–30~+150	General purpose
Kyodo Yushi 协同	Multemp PS2	Lithium	Diester	189	280	–50~+110	Low Temp
	Multemp SRL	Lithium	Ester	191	245	–40~+150	Low Noise
	Multemp SRH	Lithium	Ester	250	201	–40~+150	Low Temp
	Multemp SB–M	Diurea	Synthetic oil	220	260	–40~+200	High Speed/Temp
	ET–K	Diurea	Synthetic oil/ester	260	300	–40~+200	High Temp/ Speed Alternator
Kluber 克鲁勃	Asonic GLY32	Lithium	Synthetic	190	265–295	–50~+140	Low Temp
	Asonic GLY72	Polyhamstoff	Ester Mineral	250	250–280	–40~+180	High Temp/Low Noise
	Isoflex Super LDS18	Lithium	Diester	190	280	–60~+130	Low Temp
	Isoflex LDS18 Special A	Lithium	Diester	190	280	–60~+130	Low Temp
	Isoflex Topas NB52	Barium	Synthetic hydrocarbon	204	280	–60~+170	Low/High Temp
	Barrierta L55/2	PTFE	Fluorinated		280	–35~+260	Low/High Temp
	Barrierta TK44N2	Na–Komples	Silicone			–60~+230	Low/High Temp
	Isoflex NCA15	Special Ca	Ester Mineral	180	265–295	–40~+130	High Speed
	Asonic HQ72–102	Urea	Ester	240	250–280	–40~+180	Low/High Temp &Low Noise
Dow Coming 道康宁	Molukote 33M	Lithium	Silicone	210	260	–70~+180	Low/High Temp
	Molukote 44M	Lithium	Silicone	204	260	–40~+200	High Temp
	Molukote 55M	Lithium	Silicone			–55~+165	Low Temp
	Molukote BR2 plus	Lithium	Mineral		280	–30~+150	High Speed
	Molukote FS1292	PTFE	Phlorosilicon	≥232	310	–40~+200	High Speed
	Molukote FS3451	PTFE	Phlorosilicon	≥260	285	–40~+230	Chemical Solvent Resistant
Shell 壳牌	Alvania No.2	Lithium	Mineral	182	272	–25~+120	General purpose
	Alvania No.3	Lithium	Mineral	183	233	–20~+135	General purpose
	Alvania RA	Lithium	Mineral	183	252	–25~+120	General purpose
	Alvania EP2	Lithium	Mineral	185	276	–10~+100	General purpose
	Dolium R		Mineral	238	281	–20~+140	General purpose
	Aero Shell NO.5	Microgel	Mineral	≥260	282	–10~+130	General purpose
	Aero Shell NO.7	Microgel	Mineral	≥260	288	–70~+150	Low Temp
	Aero Shell LRQ2	Lithium	Mineral	195	266	–50~+150	Low Noise /High Temp
Mobil Oil 美孚	Mobilux2	Lithium	Mineral	190	280	–20~+120	General purpose
	Mobil22	Lithium	Dester Mineral	192	274	–50~+140	Low Temp
	Mobil28	Bentonite	Bentonite	≥260	280	–60~+180	Low/High Temp
	Mobilitemp SHC 22	Glu–earth	Synthtic oil	250	265–295	–50~+180	High Speed/Temp
	Mobilitemp SHC 100	Glu–earth	Synthtic oil	250	265–295	–40~+200	High Speed/Temp
DuPont杜邦	Krytox 240AC	PTFE	Fluorinated		282	–35~+280	High Temp
Caltex加德士	Chevron SRI–2	Urea	Mineral		293	–30~+175	High Temp
Hangu汉沽	Hangu#2	–	Mineral	–	–	–20~+120	General purpose

TABLE OF EQUIVALENTS
型号对照表

中国	SKF	FAG	NSK.NTN KOYO	NMB	RMB	MPB	ADR
605			605	R-1450			
625	625	625	625	R-1650	R5160	SEL5R	625
635	635	635	635	R-1950	R5190	S35R	635
606	606	606	606	R-1760			
626	626	626	626	R-1960	R6190	SEL6R	626
607	607	607	607	R-1970	R7190	SEL7R	607
627	627	627	627	R-2270	R7220	S37R	627
608	608	608	608	R-2280	R8220	SEL8R S38R	608
608			608			S38AR	
609	609	609	609	R-2490			609
629	629	629	629	R-2690		SEL9R	629
6000	6000	6000	6000	R-2610			
6200	6200	6200	6200				
6001	6001	6001	6001				
6002	6002	6002	6002				
6201	6201	6201	6201				
6202	6202	6202	6202				
6203	6203	6203	6203				
6204	6204	6204	6204				
6205	6205	6205	6205				

中国	SKF	KOYO	NSK.NTN	NMB	RMB	MPB	ADR
R3	WY3/16	EE1	R3	R3		SR3C SR3R	WY3/16
R4	WY1/4	EE1 1/2	R4	R4		SR4C SR4R	WY1/4
R4A	WR4A	EE2	R4A	R1-1214		SR4AR	WR4A
R6	WY3/8	EE3	R6	R1-1438		SR6R	WY3/8
R8		EE4		R1-1812		SR9R	R8

SSbearing ZGBK® 专业不锈钢轴承 Professional stainless steel bearings

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Stainless steel spherical bearings

◆ 专业不锈钢轴承
Professional in stainless steel bearings

◆ 专业生产不锈钢带座外球面轴承、
工程塑料带座外球面轴承
SUC Bearings with stainless steel housing and plastic housing

◆ 不锈钢法兰轴承
Stainless steel flange bearings

◆ 不锈钢非标轴承
Stainless steel non-standard bearings

◆ 不锈钢外球面轴承
Stainless steel spherical bearings