CIXI JIUCHEN INDUSTRY TRADE CO.,LTD.

LINQING CITY KAIHENGTE PRECISION BEARING MANUFACTURING CO.,LTD.

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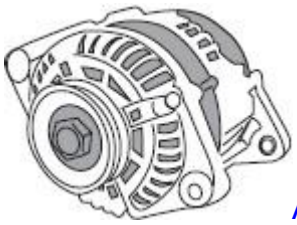
Main products are deep groove ball bearing (604-6026,625-6222,636-6320,6800series,6900series,16000series, 6700series,62200/62300 series),taper roller bearing,pillow blocks,spherical roller bearing.

AUTOMOBILE

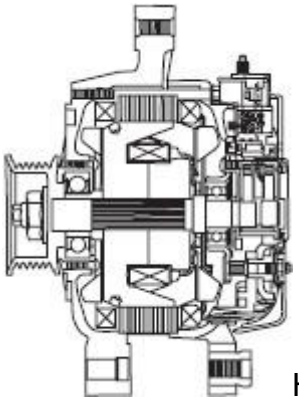
Alternators & Starter Motors



Alternators

bearings for alternators

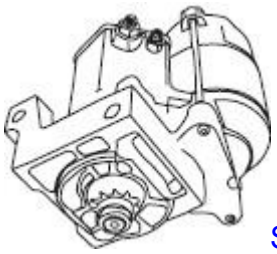
It is important to make various improvements in response to requirements for high-temperature, high-speed performance.



High efficiency type alternators as shown in the left picture and water cooled alternators have been developed in order to improve power generation efficiency and lower noise level, and for these rotor support bearings, extremely high heat resistance is required in most cases.

bearings for starters

All of our bearings for car and truck starter motors meet rigorous quality standards and are guaranteed to work with your application. Since starter motors face a wide range of temperature and the operating speed are usually high (can reach 10000 rpm).



Starter generators

Recently, a starter generator show in the left picture, a new type of alternator with an added function as a starter is already in the market. The purpose of a starter generator are: an easy drive change from a motor to an engine, smooth re-start after a vehicle or an engine stops, and regeneration of brake energy while hybrid vehicles are running. By adding starter function, higher belt tension is required and higher load is imposed on the bearing at start time, and then a higher capacity bearing is needed. For drastic reduction in fuel

consumption in the future, hybrid technology of an electric motor and gasoline engine as exemplified in idle stop is requisite.

bearings for cooling system, pumps and fans of engines

low friction deep groove ball bearings with optimized clearance improve fan running accuracy, power full and silent air flow and contribute to a long service life for the complete motor assembly. HCH has developed a wide variety of innovative solutions. In our work, we continue to aim at combining reduced fuel consumption, emissions and noise with best performance and cost-effectiveness.

bearings for gearbox

high efficiency tapered roller bearings and ball bearings are used primarily on the pinion and differential shafts in the final drives of rear-wheel drive or all-wheel drive cars. This new improved level of efficiency is possible through the detailed application of our comprehensive theoretical knowledge and specialized manufacturing know-how.

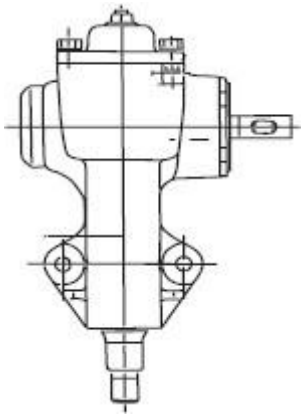
bearings for steering column

One ball bearing is used on the upper side and the other is on the lower side as column shaft support bearings. Thin series ball bearings are used due to

limited space. Because the radial and axial play of the steering wheel should be minimized, the residual radial clearance of the bearing after mounting should be very small even slightly negative.

bearings for steering gear

Steering gear bearings are usually for rack-and-pinion type steering. For this application, axial and radial loads are produced by gear reaction. Axial load is supported by the deep groove ball bearing. Since the axial load being placed on the bearing is usually high, and therefore thorough consideration should be given to the allowable axial load of the bearings. In the case of power steering, bearings are also used in the torsion bar, if the clearance after assembly is a source of noise, deep groove ball bearings are used and clearance after assembly is made negative.



bearings for pumps

Ball bearings are used for pulley support of the engine-driven hydraulic pump (vane pump), which serves as the power source for hydraulic power steering. The configuration is shown in the picture. The side of the bearing facing the pulley is exposed to the air in the engine bay, so the bearing must be sealed. Furthermore, the bearing must have a small running toque in order to minimize energy loss.

bearings for reduction gear and electric motors

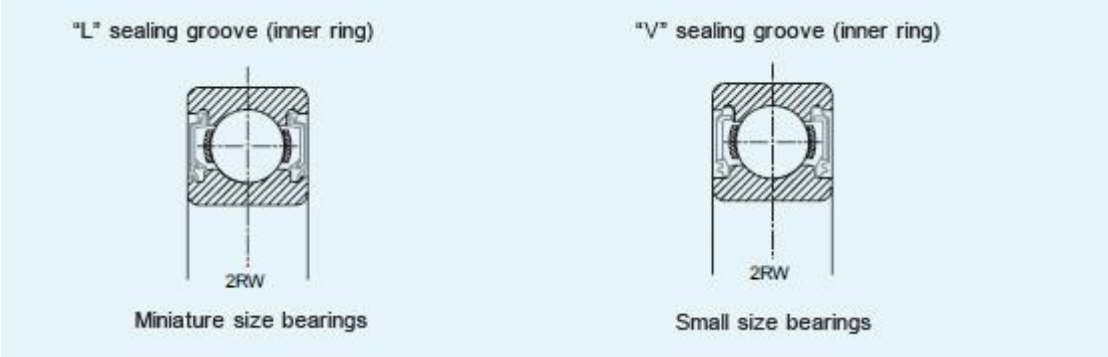
Two deep groove ball bearings are used for worm shaft support. The pre-load is applied from the outer ring side of the motor side bearings. The axial and radial loads produced by reaction of the worm gear are supported by the two bearings. Quiet operation is especially important because it is located in the passenger room, and sufficient consideration must be given to noise regarding

these bearings.

bearings for metro-electricity appliances

low friction deep groove ball bearings with optimized clearance improve motors silent running. What is more, now our bearing is improving the seal lip design (2RW) in new ball bearing series production with new sealing standard and improves sealing properties like:

> Low friction
> Speed ability
> Long service life
> Grease retention
> Dust exclusion
> Static and dynamic high pressure water exclusion



bearings for chassis

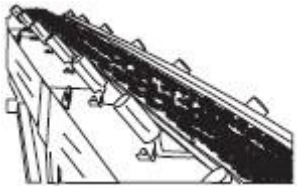
Ball bearings with integrated seals that have been lubricated for life are the preferred choice due to their shock resistance and smooth operation. Their low friction and low wear also contribute to fuel savings.

Suspension

bearings for suspension

Bearings under vehicles' suspension system are usually under very high loads and in very harsh environment especially when the vehicles are on the muddy or dusty road. We has abundant experience of bearings for suspension. We highly understand the customers' demands on high reliability, low friction, and dust preventing products.

Conveyors



bearings for bulk conveyors

We mproved materials to enhance performance. The materials from which the bearing components are made determine to a large extent the performance and reliability of rolling bearings. our bearings' optimized seal structure and clearance, customized grease reduce the cost of the maintenance.

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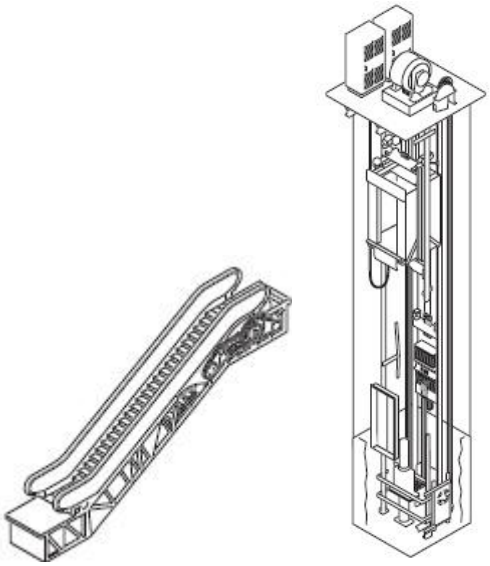
bearings for warehouse conveyors

In order to delay the advent of material fatigue, our bearing’s ring and rolling element materials adopt following properties: high level of hardness, high rolling contact fatigue resistance, good wear resistance, dimensional stability, good mechanical strength. our bearing material is applying clean and homogenous steel with an absolute minimum number of inclusions. To maximize the benefits of this improved steel.

bearings for unit conveyors

For unit conveyor equipment manufacturers, the stability and maintenance reduction are considered to be the most important since they can save cost. The unit conveyors are usually running continuously with low speed, so reliability with low vibration is critical.



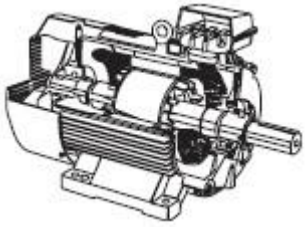
bearings for lifts

rolling bearings help to ensure reliable and trouble-free function for long periods of time. For years,low operating temperature, high quality raw material, adequate lubrication and avoiding contamination are important factors in extending bearing service life.we has a wide range of solutions and services to extend bearing service life and improve application profitability.

Electric Motors & Generators

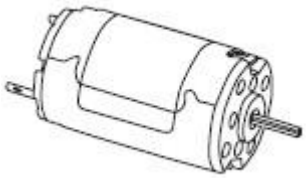
bearings for brush motors

> Noise free operation
> Increased dent resistance
> Ultra long life
> Elimination of bearing creep



Universal motors driving washing machines are fitted with metal shielded deep groove ball bearings. The internal radial clearance is optimized to meet the requirements of high speed and low noise. Bearings are typically charged with grease combining high speed lubrication capability and low noise properties. In conditions where humidity is a problem, heavy contacting rubber seals are the preferred solution.

hich can be found in home appliances such as range hoods, air conditioning systems.

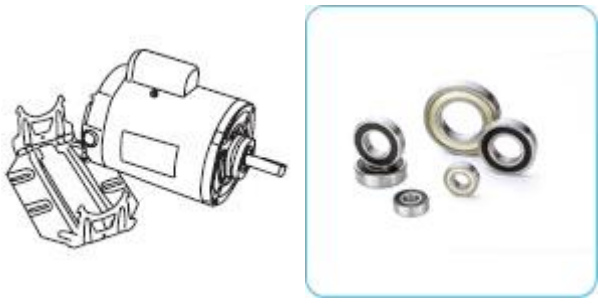


bearings for AC single-phase induction motors

The normal bearing arrangement for these types of motors is two deep groove ball bearings. The required performances for these types of motor bearings are low noise and vibration, low torque and wide temperature resistance.

bearings for advanced drive systems

The absence of brush dust contamination enables the use of metal shields as a capping solution. The internal radial clearance is selected to meet the requirements of high speed and low noise. Bearings are usually lubricated for life with grease that has low noise properties. To achieve the required service life, special attention needs to be focused on the grease specified and the grease fill used. A plastic cage can be chosen to increase the speed rating. If necessary, bearing component tolerances and internal geometry can be developed to meet specific application requirements.



bearings for industrial electric motors

Longer service life, smaller motors, no re-lubrication, low vibration, energy saving, low weight and low heat generation all can find their answer in our full range of bearings. For optimal reliability and long service life, lubrication is crucial. Either grease or oil can be used as lubricant. Grease should be used when simplified maintenance, improved cleanliness (i.e. fewer leaks) and better protection against contamination are required.

Electric Power Tools

bearings for garden tools

Since the garden tools are usually working in outdoors, bearings are typically fitted with contact rubber seals on both sides to prevent ingress of dust/grass and grease leakage. Bearings are life lubricated with greases capable of operating at temperatures among -30/+130 °C with dust and water ingression characteristics. An internal radial clearance dependant upon the fitting tolerances - normally ISO CN or C3. In the cordless applications, low friction and good contaminant protection are required.




bearings for electric power tools

deep groove ball bearings are normally used to support the armature and output shafts. They can be fitted with metal shields or light contact rubber seals (dependant upon dust exclusion properties required) to satisfy high speed and friction torque requirements. Grease is selected to give good performance at temperatures in the range -30/+130 °C and give good performance with low leakage under high vibration conditions. Internal radial clearance will depend on the fitting tolerances required.

Motorcycles and E-bike


bearing For wheel

We has developed a wide range of wheel bearings and wheel bearing sealing solutions for all kinds of motorcycle and e-bike applications like mopeds, scooters, light and heavy motor cycles, off road and racing bikes to satisfy today's motorcycle market performance expectations like:

> Low friction
> Stiff rotary motion guidance
> Long service life
> Vibration free braking

bearings for steering column

Adjustable tapered roller bearings or deep groove ball bearings can absorb the highest loads and provide a precise steering system, thereby ensuring the driver's safety in extreme situations.
tapered roller bearings consist of solid outer and inner rings with tapered raceways and tapered rollers with cages. The bearings are not selfretaining. This allows the inner ring with the rollers and cage to be fitted separately from the outer ring.

bearings for transmission

We develop high-precision components with the lowest movable mass, which can economically be produced in volume.
> Customized bearing solutions
> Bearings for low noise and vibration.
> Thin section bearings for compactness
> Correct selection methods for low friction and reduced transmission losses
> Advanced heat treatment for better wear resistance and dimensional stability

bearings for crankshaft and camshaft

For sealed bearings, sealing perfection in terms of improvement on lubrication preservation and dirt prevention optimizes the operation cost of the machine which has a direct impact on maintenance cost reduction and long service life. We has developed the seal lip design with new sealing standard and improves sealing properties like: low friction, speed ability, grease retention, dust exclusion, long service life and static and dynamic high pressure water exclusion.

Pumps & Compressors

bearings for conventional pumps

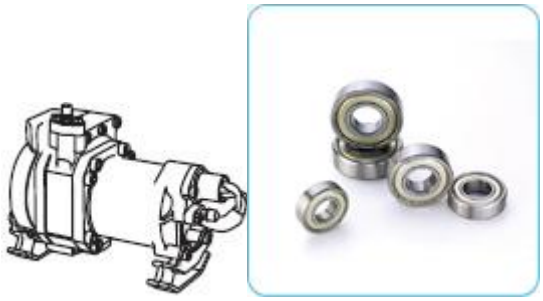
For conventional pumps, bearings are important factors in the development towards higher pump performance.deep groove ball bearings are often used. They are usually rubber-sealed or metal-shielded. In order to maintain vibration levels within acceptable limits, the internal radial clearance is optimized to suit operating conditions. Bearings are lubricated for life with grease having properties including noise dampening qualities, good humidity and corrosion resistance together with high service life at medium temperature to meet the needs of low noise and resistance to adverse environmental conditions. The filling quantity of grease is dependent upon the application needs.

bearings for industrial pumps

To meet the challenges of industrial pump applications, we have developed a variety of deep groove ball bearings and tapered roller bearings. These bearings are engineered to withstand heavy radial loads, perform longer and more efficiently, operate smoother with less noise and vibration, and last longer for maximum productivity and minimal downtime.

bearings for reciprocating compressors

Two bearings are generally used as the main crankshaft bearings while other bearings are used at the connecting rod bearing positions. Bearings in reciprocating air compressors must be able to withstand very high temperatures; perform longer and more efficiently; operate smoother with less noise and vibration, and last longer for maximum productivity and minimal downtime.



bearings for scroll compressors

The most commonly used bearings in scroll compressors are deep groove ball bearings. Scroll compressor bearings are exposed to refrigerant gases and need to be able to withstand high speeds and high loads while providing high running accuracy and reliability. Decades of research and development in the industry have produced several technological breakthroughs, setting new industry standards for performance.

> Ultra long life
> Increased load capacity
> Long, trouble-free performance
> Elimination of bearing creep

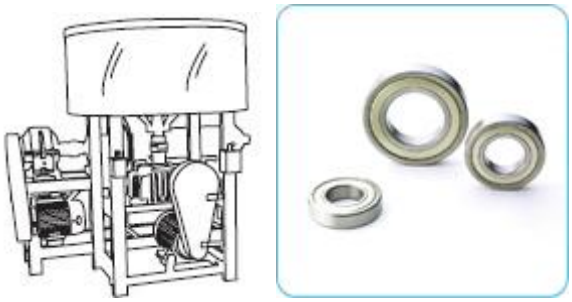
Machineries

bearings for textile machinery

There can be no doubt that the right bearing components are a crucial cost factor. High vibration levels increase energy consumption and can cause premature equipment failure and costly maintenance, often including unplanned downtime and loss of production. For bearings in textile machines, "right" means low friction, high precision, clearance free, as easy to mount as possible, low maintenance, long product life, etc.

bearings for printing machinery

we have developed a range of solutions to facilitate assembly and reduce the need for maintenance. These solutions are characterized by their ease of use, their innovativeness and low requirement for maintenance. What is more, friction reduction bearings and seals can considerably contribute to decrease energy consumption. Less power needed to run printing machines helps to downsize the power unit and at the end to save life cycle cost. With these solutions.



bearing for tough machinery

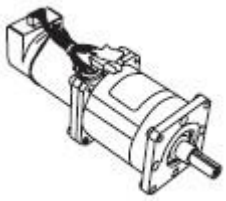
The rough operating and environmental conditions require extremely robust bearings. Due to our research and development activities and to an intensive

exchange of experience with manufacturers and operators of machines and plants.We dedicate to supply our customers cost-effective and trouble-free operation solutions.

Gearboxes



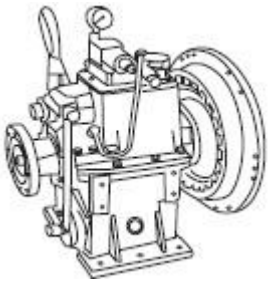


bearings for gear motors

To meet our customers' strict demand for the bearings in geared motors, We provides bearings with following characteristics:

> Improved bearing internal sealing structure (for RS and 2RS type)
> Long-life high performance applied ultra clean bearing ma terial
> Low friction with precise bearing manufacturing process
> Optimized clearance for customized unique gear design



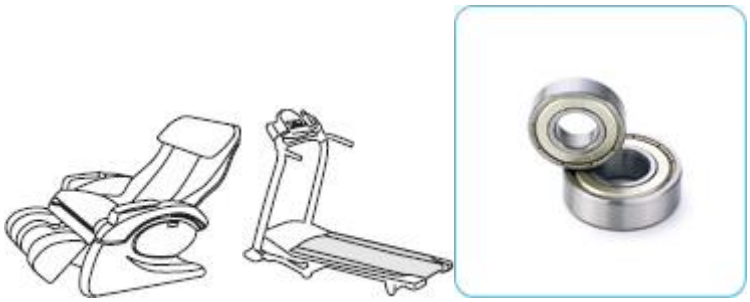

bearings for customized gear units

we offers high-level engineering capabilities and high performance products, both standard and special executions for specific positions by understanding your demands of:

>High operational reliability

>High load carrying capacity
>Low friction
>Exact radial and axial guidance of the shafts for exact meshing.

Excercise & Sports



bearings for fitness equipments

bearings are designed to fulfill the requirements of different types of fitness equipments. we know that robustness, protection, low friction and comfort are important for every equipment performance.

bearings for skating

608 bearings and other miniature bearings are usually applied in the skating. our bearings are made from high quality chromium steel with the standard grease applied.

we can support makers to meet their requirements with a number of proven quality solutions including:

> Standard rolling: standard grease filling
> Good protection against dust: 2 metallic shields
> Excellent robustness: made of world class cleanest chromium steel

bearings for bicycles

Our thin series bearings and other miniature bearings are usually applied in the bicycles. At the same time, it allows for great freedom in designing both optimized cranks and bottom bracket units. The bearings are made from high quality chromium steel with the specific grease applied. Especially in road bikes, many bikers rely on light and convenient packing way. We developed extreme thin series ball bearings to satisfy the biker's light, easy for carrying requirement. In such kind of bearings, cage is also specially designed with crown shape.

bearings for recreation race vehicles

Following listed two bearing applications for recreational race vehicles and the reuqirement for these two applications:

Deep groove ball bear- ings for crankshafts, transmissions, and differentials	> Single row deep groove ball bearings in popular sizes > High capacity and special heat treatments available for long life > High quality clean bearing material for long life
Deep groove ball bear- ings for wheels	> Full line of 6 series ball bearings in popular sizes > Steel cage or glass filled nylon cage > Available with a variety of sealing options > Greased for life with rust inhibiting greases > High temperature versions available

Heavy Vehicles

Material Handling

Bearings in material handling are exposed to a number of different heavy-load environments-in addition to dirt, mud, rain and dust when used in outdoor applications. the medium size deep groove ball bearings and tapered roller bearings keep construction and mining machineries in production longer with less downtime. our products for these applications overcome contamination, debris, good resistance to temperature change, operate in poorly lubricated environments, and keep performing even with heavy loads at ultra-low speeds.

Construction & Mining

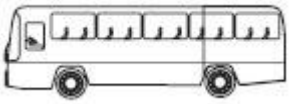
It’s not only the heavy loads but also the tough working conditions that put pressure on modern construction machines and equipments, the users’ ever-increasing demands for performance and cost-efficiency add further to this pressure. Living up to these demands is a tough challenge to the world’s equipment manufacturers.

Agriculture

Rough working conditions and heavy loads are not the only factors that put great strain on today’s agricultural machines and equipment. Along with end-users’ constant demands for enhanced performance and cost-efficiency, these circumstances present a great challenge to original equipment

manufacturers. For optimum result, we offer everything from perfectly adapted, customized solutions to well-tried and reliable standard products and solutions.

Trucks & Buses



The commercial transport market is extremely competitive. Whether the operation is in Europe or in North America, ensuring vehicles are on the road is a prime focus for all areas of the industry. From designers working on the next generation of vehicles to a fleet's service manager, providing reliable on-road operation with extended yet flexible service intervals now drives much of the thinking.

Basic Bearing No.	Nominal Bearing Dimensions						Preferred Shoulder Diameters							
	d		D		B,C		r (min)		da (min)		da (max)		Da (max)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
604	4	0.1575	12	0.4724	4	0.1575	0.2	0.008	5.4	0.2126	6.6	0.2598	10.6	0.4173
605	5	0.1969	14	0.5512	5	0.2756	0.2	0.008	6.6	0.2600	7.4	0.2913	12.4	0.4880
606	6	0.2362	17	0.6693	6	0.2756	0.3	0.012	8.0	0.3150	8.6	0.3386	15.0	0.5910
607	7	0.2756	19	0.748	6	0.2756	0.3	0.012	9.0	0.3543	10.4	0.4094	17.0	0.6693
608	8	0.3149	22	0.8661	7	0.2756	0.3	0.012	10.0	0.3937	12.2	0.4803	10.0	0.7874
609	9	0.3543	24	0.9449	7	0.2756	0.3	0.012	11.0	0.4331	13.1	0.5157	12.0	0.8661
6000	10	0.3937	26	1.0236	8	0.3150	0.3	0.012	12.0	0.4720	13.5	0.5315	24.1	0.9490
6001	12	0.4724	28	1.1024	8	0.3150	0.3	0.012	14.0	0.5510	16.0	0.6299	26.0	1.0240
6002	15	0.5906	32	1.2598	9	0.3543	0.3	0.012	17.0	0.6690	19.0	0.7480	30.0	1.1810
6003	17	0.6693	35	1.378	10	0.3937	0.3	0.012	19.0	0.7480	21.5	0.8470	33.0	1.2990
6004	20	0.7874	42	1.6535	12	0.4724	0.6	0.024	24.0	0.9450	26.0	1.0236	38.0	1.4960
6005	25	0.9843	47	1.8504	12	0.4724	0.6	0.024	29.0	1.1420	30.5	1.2008	43.0	1.6930
6006	30	1.1811	55	2.1654	13	0.5118	1.0	0.039	35.0	1.3780	37.0	1.4567	50.0	1.9690
6007	35	1.378	62	2.4409	14	0.5512	1.0	0.039	40.0	1.5750	42.0	1.6535	57.0	2.2440
6008	40	1.5748	68	2.6772	15	0.5906	1.0	0.039	45.0	1.7720	47.5	1.8720	63.0	2.4800
6009	45	1.7717	75	2.9528	16	0.6299	1.0	0.039	50.0	1.9690	53.5	2.1080	70.0	2.7560
6010	50	1.9685	80	3.1496	16	0.6299	1.0	0.039	55.0	2.1650	58.5	2.3050	75.0	2.9530
6011	55	2.1654	90	3.5433	18	0.7087	1.1	0.043	61.5	2.4210	64.2	2.5280	83.5	3.2870
6012	60	2.3622	95	3.7402	18	0.7087	1.1	0.043	66.5	2.6180	69.1	2.7190	88.5	3.4840
6013	65	2.9551	100	3.937	18	0.7087	1.1	0.043	71.5	2.8150	74.0	2.9134	93.5	3.6810
6014	70	2.7559	110	4.3307	20	0.7874	1.1	0.043	76.5	3.0120	80.5	3.1693	103.5	4.0750
6015	75	2.9528	115	4.5276	20	0.7874	1.1	0.043	81.5	3.2090	85.6	3.3690	108.5	4.2720
6016	80	3.1496	125	4.9213	22	0.8661	1.1	0.043	86.5	3.4055	91.5	3.6024	118.5	4.6653
6017	85	3.3465	130	5.1181	22	0.8661	1.1	0.043	91.5	3.6024	97.0	3.8189	123.5	4.8622
6018	90	3.5433	140	5.5118	24	0.9449	1.5	0.059	98.0	3.8583	102.0	4.0157	132.0	5.1968
6019	95	3.7402	145	5.7087	24	0.9449	1.5	0.059	103.0	4.0551	109.0	4.2913	137.0	5.3937
6020	100	3.9370	150	5.9055	24	0.9449	1.5	0.059	108.0	4.2520	110.0	4.3307	142.0	5.5905
6021	105	4.1399	160	6.2992	26	1.0236	2	0.078	114.0	4.4882	119.0	4.6850	151.0	5.9449
6022	110	4.3307	170	6.6929	28	1.1024	2	0.078	119.0	4.6850	126.0	4.9606	161.0	6.3386
6024	120	4.7244	180	7.0866	28	1.1024	2	0.078	129.0	5.0787	136.0	5.3543	171.0	6.7323
6026	130	5.1181	200	7.8740	33	1.2992	2	0.078	139.0	5.4724	148.0	5.8268	191.0	7.5197

Basic Bearing No.	Nominal Bearing Dimensions						Preferred Shoulder Diameters							
	d		D		B,C		r (min)		da (min)		da (max)		Da (max)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
624	4	0.1575	13	0.5118	5	0.1968	0.2	0.007	5.6	0.220	6.2	0.244	11.4	0.449
625	5	0.1969	13	0.6299	5	0.1968	0.3	0.012	7.0	0.276	7.6	0.299	14.0	0.551
626	6	0.2362	16	0.7480	6	0.2362	0.3	0.012	8.0	0.315	9.5	0.374	17.0	0.669
627	7	0.2756	22	0.8661	7	0.2756	0.3	0.012	9.0	0.354	12.2	0.480	20.0	0.787
628	5	0.3149	24	0.9448	8	0.3149	0.3	0.012	10.0	0.394	12.1	0.476	17.0	0.669
629	9	0.3543	26	1.0236	8	0.3149	0.3	0.012	11.5	0.453	...	...	14.0	0.945
6200	10	0.3937	30	1.1811	9	0.3543	0.6	0.024	12.7	0.500	16.0	0.630	26.0	1.024
6201	12	0.4724	32	1.2598	10	0.3937	0.6	0.024	14.7	0.578	17.0	0.670	28.0	1.102
6201-1/2	12.7	0.5000	32	1.2598	10	0.3937	0.6	0.024	15.1	0.595	17.0	0.670	27.0	1.063
6202	15	0.5906	35	1.3780	11	0.4331	0.6	0.024	17.9	0.703	20.0	0.787	31.0	1.220
6202-5/8	15.875	0.6250	35	1.3780	11	0.4331	0.6	0.024	18.5	0.730	19.0	0.749	30.0	1.181
6202-16	16	0.6299	35	1.3780	11	0.4331	0.6	0.024	18.8	0.740	19.0	0.749	30.0	1.181
6203	17	0.6693	40	1.5748	12	0.4724	0.6	0.024	20.0	0.787	23.5	0.926	36.0	1.417
6203-5/8	15.875	0.6250	40	1.5748	12	0.4724	0.6	0.024	19.1	0.750	23.5	0.926	35.1	1.380
6204	20	0.7874	47	1.8504	14	0.5512	1.0	0.039	24.6	0.969	28.0	1.102	42.0	1.654
6205	25	0.9843	52	2.0470	15	0.5906	1.0	0.039	30.0	1.181	32.0	1.260	47.0	1.850
6206	30	1.1811	62	2.4409	16	0.6299	1.0	0.039	35.0	1.378	39.0	1.535	57.0	2.244
6207	35	1.3780	72	2.8346	17	0.6693	1.1	0.043	41.0	1.614	45.0	1.772	65.5	2.579
6208	40	1.5748	80	3.1496	18	0.7087	1.1	0.043	46.0	1.811	51.0	2.008	73.5	2.894
6209	45	1.7717	85	3.3465	19	0.7480	1.1	0.043	51.0	2.008	55.5	2.185	78.5	3.091
6210	50	1.9685	90	3.5433	20	0.7874	1.1	0.043	56.0	2.205	60.0	2.362	83.5	3.287
6211	55	2.1654	100	3.9370	21	0.8268	1.5	0.059	62.0	2.441	67.0	2.638	92.0	3.622
6212	60	2.3622	110	4.3307	22	0.8661	1.5	0.059	68.0	2.677	75.0	2.953	102.0	4.016
6213	65	2.5591	120	4.7244	23	0.9055	1.5	0.059	73.0	2.874	80.5	3.169	112.0	4.409
6214	70	2.7559	125	4.9213	24	0.9449	1.5	0.059	78.0	3.071	85.0	3.346	117.0	4.606
6215	75	2.9528	130	5.1181	25	0.9843	1.5	0.059	83.0	3.268	90.5	3.563	122.0	4.803
6216	80	3.1496	140	5.5118	26	1.0236	2.0	0.0787	89.0	3.504	95.5	3.760	131.0	5.157
6217	85	3.3465	150	5.9055	28	1.1024	2.0	0.0787	94.0	3.701	103.0	4.055	141.0	5.551
6218	90	3.5433	160	6.2992	30	1.1811	2.0	0.0787	99.0	3.898	109.0	4.291	151.0	5.945
6219	95	3.7402	170	6.6929	32	1.2598	2.1	0.0827	106.0	4.173	116.0	4.567	159.0	6.260
6220	100	3.9370	180	7.0866	34	1.3386	2.1	0.0827	111.0	4.370	122.0	4.803	169.0	6.654
6221	105	4.1399	190	7.4803	36	1.4173	2.1	0.0827	116.0	4.567	125.0	4.921	179.0	7.047
6222	110	4.3307	200	7.8740	38	1.4961	2.1	0.0827	121.0	4.764	132.0	5.197	189.0	7.441

Basic Bearing No.	Nominal Bearing Dimensions						Preferred Shoulder Diameters							
	d		D		B,C		r (min)		da (min)		da (max)		Da (max)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
635	5	0.1969	19	0.7480	6	0.2362	0.3	0.012	7.0	0.276	9.5	0.374	17.0	0.669
636	6	0.2362	22	0.8661	7	0.8661	0.3	0.012	...	...	...	...	...	...
637	7	0.2756	26	1.0236	9	0.3543	0.3	0.012	...	...	...	...	...	...
638	8	0.3149	28	1.1024	9	0.3543	0.3	0.012	10.0	0.394	...	...	26.0	1.024
639	9	0.3543	30	1.1811	10	0.3937	0.6	0.024	...	...	...	...	...	...
6300	10	0.3937	35	1.3780	11	0.4331	0.6	0.024	14.0	0.551	17.0	0.669	31.0	1.220
6301	12	0.4724	37	1.4567	12	0.4724	1.0	0.039	16.7	0.656	18.5	0.728	32.0	1.260
6302	15	0.5906	42	1.6535	13	0.5118	1.0	0.039	19.8	0.781	23.0	0.906	37.0	1.457
6303	17	0.6693	47	1.8504	14	0.5512	1.0	0.039	22.0	0.866	25.5	1.005	42.0	1.654
6304	20	0.7874	52	2.0472	15	0.5906	1.1	0.043	25.8	1.016	28.5	1.122	45.5	1.791
6305	25	0.9843	62	2.4409	17	0.6693	1.1	0.043	31.0	1.220	36.0	1.418	55.5	2.185
63/28	28	1.1024	68	2.6772	18	0.7087	1.10	0.043	35.0	1.378	...	...	1.0	2.402
6306	30	1.1811	72	2.8346	19	0.7480	1.1	0.043	36.5	1.437	43.0	1.693	65.5	2.579
6307	35	1.378	80	3.1496	21	0.8268	1.5	0.059	42.9	1.688	47.0	1.850	72.0	2.835
6308	40	1.5748	90	3.5433	23	0.9055	1.5	0.059	48.0	1.890	54.0	2.126	82.0	3.228
6309	45	1.7717	100	3.9370	25	0.9843	1.5	0.059	53.0	2.087	61.5	2.421	92.0	3.622
6310	50	1.9685	110	4.3307	27	1.0630	2.0	0.079	59.0	2.323	68.5	2.697	101.0	3.976
6311	55	2.1654	120	4.7244	29	1.1417	2.0	0.079	64.0	2.520	74.0	2.913	111.0	4.370
6312	60	2.3622	130	5.1181	31	1.2205	2.1	0.083	71.0	2.795	80.5	3.169	119.0	4.685
6313	65	2.5591	140	5.5118	33	1.2992	2.1	0.083	76.0	2.992	86.0	3.386	129.0	5.079
6314	70	2.7559	150	5.9055	35	1.3740	2.1	0.083	81.0	3.189	92.5	3.642	139.0	5.472
6315	75	2.9528	160	6.2992	37	1.4567	2.1	0.083	86.0	3.386	99.0	3.898	149.0	5.866
6316	80	3.1496	170	6.6929	39	1.5354	2.1	0.083	91.0	3.583	105.0	4.134	159.0	6.260
6317	85	3.3465	180	7.0866	41	1.6142	3.0	0.1181	98.0	3.858	112.0	4.409	167.0	6.575
6318	90	3.5433	190	7.4803	43	1.6929	3.0	0.1181	103.0	4.055	118.0	4.646	177.0	6.968
6319	95	3.7402	200	7.8740	45	1.7717	3.0	0.1181	108.0	4.252	125.0	4.921	187.0	7.362
6320	100	3.9370	215	8.4646	47	1.8504	3.0	0.1181	113.0	4.488	113.0	5.240	200.0	7.913

Basic Bearing No.	Nominal Bearing Dimensions								Preferred Shoulder Diameters							
	d		D		B				r (min)		da (min)		da (max)		Da (max)	
					Open		Shielded sealed									
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
685	5	0.1969	11	0.4331	3	0.1181	5	0.1969	0.15	0.006	6.2	0.244	6.2	0.244	9.9	0.390
686	6	0.2362	13	0.5118	3.5	0.1378	5	0.1969	0.15	0.006	7.4	0.291	7.4	0.291	11.7	0.461
687	7	0.2756	14	0.5512	3.5	0.1378	5	0.1969	0.15	0.006	8.5	0.335	8.5	0.335	12.7	0.500
688	8	0.3150	16	0.6299	4	0.1575	5	0.1969	0.20	0.008	...	...	...	...	...	...
689	9	0.3543	17	0.6693	4	0.1575	5	0.1969	0.20	0.008	10.7	0.421	10.7	0.421	15.2	0.598
6800	10	0.3937	19	0.7480	5	0.1969	5	0.1969	0.30	0.012	12.0	0.472	14.0	0.551	17.8	0.700
6800W7	10	0.3937	19	0.7480	7	0.2756	7	0.2756	0.30	0.012	...	...	...	...	...	...
6801	12	0.4724	21	0.8268	5	0.1969	5	0.1969	0.30	0.012	14.0	0.551	14.5	0.571	19.0	0.748
6802	15	0.5906	24	0.9449	5	0.1969	5	0.1969	0.30	0.012	17.0	0.669	17.5	0.689	22.0	0.866
6803	17	0.6693	26	1.0236	5	0.1969	5	0.1969	0.30	0.012	19.0	0.748	19.5	0.768	24.0	0.945
6804	20	0.7874	32	1.2598	7	0.2756	7	0.2756	0.30	0.012	22.0	0.866	22.5	0.886	30.0	1.181
6805	25	0.9843	37	1.4567	7	0.2756	7	0.2756	0.30	0.012	27.0	1.063	28.0	1.102	35.0	1.378
6806	30	1.1811	42	1.6535	7	0.2756	7	0.2756	0.30	0.012	32.0	1.260	33.0	1.299	40.0	1.575
6807	35	1.3780	47	1.8504	7	0.2756	7	0.2756	0.30	0.012	37.0	1.457	38.0	1.496	45.0	1.772
6808	40	1.5748	52	2.0472	7	0.2756	7	0.2756	0.30	0.012	42.0	1.654	43.0	1.693	50.0	1.969
6809	45	1.7717	58	2.2835	7	0.2756	7	0.2756	0.30	0.012	47.0	1.850	48.0	1.890	56.0	2.205
6810	50	1.9685	65	2.5591	7	0.2756	7	0.2756	0.30	0.012	52.0	2.047	54.0	2.126	63.0	2.480

Basic Bearing No.	Nominal Bearing Dimensions						Preferred Shoulder Diameters							
	d		D		B,C		r (min)		da (min)		da (max)		Da (max)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
693	3	0.1181	8	0.3150	3	0.1181	0.15	0.006	4.3	0.169	4.3	0.169	7.3	0.287
W693	3	0.1181	8	0.3150	4	0.1575	0.15	0.006	4.2	0.165	4.2	0.165	6.8	0.268
694	4	0.1575	11	0.4331	4	0.1575	0.20	0.008	5.2	0.205	5.2	0.205	9.8	0.386
695	5	0.1969	13	0.5118	4	0.1575	0.20	0.008	6.6	0.260	6.6	0.260	11.4	0.449
696	6	0.2362	15	0.5906	5	0.1969	0.30	0.012	7.6	0.299	7.6	0.299	13.4	0.528
697	7	0.2756	17	0.6693	5	0.1969	0.30	0.012	9.0	0.354	9.0	0.354	15.0	0.591
698	8	0.3150	19	0.7480	6	0.2362	0.30	0.012	10.0	0.394	10.0	0.394	16.5	0.650
699	9	0.3543	20	0.7874	6	0.2362	0.30	0.012	11.0	0.433	11.6	0.457	18.0	0.709
6900	10	0.3937	22	0.8661	6	0.2362	0.30	0.012	12.0	0.472	13.0	0.512	20.0	0.787
6901	12	0.4724	24	0.9449	6	0.2362	0.30	0.012	14.0	0.551	15.0	0.591	22.0	0.866
6902	15	0.5906	28	1.1024	7	0.2756	0.30	0.012	17.0	0.669	17.5	0.689	26.0	1.024
6903	17	0.6693	30	1.1811	7	0.2756	0.30	0.012	19.0	0.748	20.0	0.787	28.0	1.102
6904	20	0.7874	37	1.4567	9	0.3543	0.30	0.012	22.0	0.866	24.0	0.945	35.0	1.378
6905	25	0.9843	42	1.6535	9	0.3543	0.30	0.012	27.0	1.063	29.0	1.142	40.0	1.575
6906	30	1.1811	47	1.8504	9	0.3543	0.30	0.012	32.0	1.260	34.0	1.339	45.0	1.772
6907	35	1.3780	55	2.1654	10	0.3937	0.30	0.012	39.0	1.535	40.0	1.575	51.0	2.008
6908	40	1.5748	62	2.4409	12	0.4724	0.30	0.012	44.0	1.732	46.0	1.811	58.0	2.283
6909	45	1.7717	68	2.6772	12	0.4724	0.30	0.012	49.0	1.929	51.0	2.008	64.0	2.520
6910	50	1.9685	72	2.8346	12	0.4724	0.30	0.012	54.0	2.126	55.5	2.185	68.0	2.677

Basic Bearing No.	Nominal Bearing Dimensions						Preferred Shoulder Diameters							
	d		D		B,C		r (min)		da (min)		da (max)		Da (max)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
16001	12	0.4724	28	1.1024	7	0.2775	0.3	0.0118	14.0	0.551	...	...	26.0	1.024
16002	15	0.5906	32	1.2598	8	0.3150	0.3	0.0118	17.0	0.669	...	...	30.0	1.181
16003	17	0.6693	35	1.3780	8	0.3150	0.3	0.0118	19.0	0.748	...	...	33.0	1.299
16004	20	0.7874	42	1.6535	8	0.3150	0.3	0.0118	22.0	0.866	...	...	40.0	1.575
16005	25	0.9843	47	1.8504	8	0.3150	0.3	0.0118	27.0	1.063	...	...	45.0	1.772
16006	30	1.1811	55	2.1650	9	0.3543	0.3	0.0118	32.0	1.260	...	...	53.0	2.087
16007	35	1.3779	62	2.4409	9	0.3543	0.3	0.0118	37.0	1.457	...	...	60.0	2.362
16008	40	1.5748	68	2.6772	9	0.3543	0.3	0.0118	42.0	1.654	...	...	66.0	2.598
16009	45	1.7717	75	2.9528	10	0.3937	0.6	0.0236	48.2	1.898	...	...	71.8	2.827
16010	50	1.9650	80	3.1496	10	0.3937	0.6	0.0236	53.2	2.094	...	...	76.8	3.024
16011	55	2.1653	90	3.5433	11	0.4330	0.6	0.0236	58.2	2.291	...	...	86.8	3.417
16012	60	2.3620	95	3.7400	11	0.4330	0.6	0.0236	63.2	2.488	...	...	91.8	3.614

Any combination of closures is available

Basic Bearing No.	Nominal Bearing Dimensions						Preferred Shoulder Diameters							
	d		D		B,C		r (min)		da (min)		da (max)		Da (max)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
6700	10	0.3937	16	0.5906	3	0.1181	0.3	0.0118	10.8	0.425	...	...	14.2	0.559
6701	12	0.4724	18	0.7087	4	0.1575	0.3	0.0118	13.6	0.535	13.8	0.543	16.4	0.646
6702	15	0.5906	21	0.8268	4	0.1575	0.3	0.0118	16.6	0.654	16.8	0.661	19.4	0.764
6703	17	0.6693	23	0.9055	4	0.1575	0.3	0.0118	18.6	0.732	18.8	0.740	21.4	0.843

Basic Bearing No.	Nominal Bearing Dimensions						Preferred Shoulder Diameters							
	d		D		B,C		r (min)		da (min)		da (max)		Da (max)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
62200	10	0.3937	30	1.1811	14	0.5512	0.6	0.0236	14.2	0.5591	...	...	25.8	1.0157
62201	12	0.4724	32	1.2598	14	0.5512	0.6	0.0236	16.2	0.6378	...	...	27.8	1.0945
62202	15	0.5906	35	1.3780	14	0.5512	0.6	0.0236	19.2	0.7559	...	...	30.8	1.2126
62203	17	0.6693	40	1.5748	16	0.6299	0.6	0.0236	21.2	0.8346	...	...	35.8	1.4094
62204	20	0.7874	47	1.8504	18	0.7087	1.0	0.0394	25.6	1.0079	...	...	41.4	1.6299
62205	25	0.9843	52	2.0472	18	0.7087	1.0	0.0394	30.6	1.2047	...	...	46.4	1.8268
62206	30	1.1811	62	2.4409	20	0.7874	1.0	0.0394	35.6	1.4016	...	...	56.4	2.2205
62207	35	1.3780	72	2.8346	23	0.9055	1.1	0.0433	42.0	1.6535	...	...	65.0	2.5591
62208	40	1.5748	80	3.1496	23	0.9055	1.1	0.0433	47.0	1.8504	...	...	73.0	2.8740
62209	45	1.7717	85	3.3465	23	0.9055	1.1	0.0433	52.0	2.0472	...	...	78.0	3.0709
62210	50	1.9685	90	3.5433	23	0.9055	1.1	0.0433	57.0	2.2441	...	...	83.0	3.2677
62211	55	2.1654	100	3.9370	25	0.9843	1.5	0.0591	64.0	2.5197	...	...	91.0	3.5827
62212	60	2.3622	110	4.3307	28	1.1024	1.5	0.0591	69.0	2.7165	...	...	101.0	3.9764
62213	65	2.5591	120	4.7244	31	1.2205	1.5	0.0591	74.0	2.9134	...	...	111.0	4.3701
62214	70	2.7559	125	4.9213	31	1.2205	1.5	0.0591	79.0	3.1102	...	...	116.0	4.5669
62300	10	0.3937	35	1.3780	17	0.6693	0.6	0.0236	14.2	0.5591	...	...	30.8	1.2126
62301	12	0.4724	37	1.4567	17	0.6693	1.0	0.0394	17.6	0.6929	...	...	31.4	1.2362
62302	15	0.5906	42	1.6535	17	0.6693	1.0	0.0394	20.6	0.8110	...	...	36.4	1.4331
62303	17	0.6693	47	1.8504	19	0.7480	1.0	0.0394	22.6	0.8898	...	...	41.4	1.6299
62304	20	0.7874	52	2.0472	21	0.8268	1.1	0.0433	27.0	1.0630	...	...	45.0	1.7717
62305	25	0.9843	62	2.4409	24	0.9449	1.1	0.0433	32.0	1.2598	...	...	55.0	2.1654
62306	30	1.1811	72	2.8346	27	1.0630	1.1	0.0433	37.0	1.4567	...	...	65.0	2.5591
62307	35	1.3780	80	3.1496	31	1.2205	1.5	0.0591	44.0	1.7323	...	...	71.0	2.7953
62308	40	1.5748	90	3.5433	33	1.2992	1.5	0.0591	49.0	1.9291	...	...	81.0	3.1890
62309	45	1.7717	100	3.9370	36	1.4173	1.5	0.0591	54.0	2.1260	...	...	91.0	3.5827
62310	50	1.9685	110	4.3307	40	1.5748	2.0	0.0787	61.0	2.4016	...	...	99.0	3.8976
62311	55	2.1654	120	4.7244	43	1.6929	2.0	0.0787	66.0	2.5984	...	...	109.0	4.2913
62312	60	2.3622	130	5.1181	46	1.8110	2.1	0.0827	72.0	2.8346	...	...	118.0	4.6457
62313	65	2.5591	140	5.5118	48	1.8898	2.1	0.0827	77.0	3.0315	...	...	128.0	5.0394
62314	70	2.7559	150	5.9055	51	2.0079	2.1	0.0827	82.0	3.2283	...	...	138.0	5.4331

Basic Bearing No.	Nominal Bearing Dimensions										Preferred Shoulder Diameters			
	d		D		T		B		C		r1 (Min Inner Ring)		r2 (Min Out Ring)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
30203	17	0.6693	40	1.5748	13.25	0.5217	12	0.4724	11	0.4331	1.0	0.039	1.0	0.039
30204	20	0.7874	47	1.8504	15.25	0.6004	14	0.5512	12	0.4724	1.0	0.039	1.0	0.039
30205	25	0.9843	52	2.0472	16.25	0.6398	15	0.5906	13	0.5118	1.0	0.039	1.0	0.039
30206	30	1.1811	62	2.4409	17.25	0.6791	16	0.6299	14	0.5512	1.0	0.039	1.0	0.039
30207	35	1.3780	72	2.8346	18.25	0.7185	17	0.6693	15	0.5906	1.5	0.059	1.5	0.059
30208	40	1.5748	80	3.1496	19.25	0.7579	18	0.7087	16	0.6299	1.5	0.059	1.5	0.059
30209	45	1.7717	85	3.3465	20.75	0.8169	19	0.7480	16	0.6299	1.5	0.059	1.5	0.059
30210	50	1.9685	90	3.5433	21.75	0.8563	20	0.7874	17	0.6693	1.5	0.059	1.5	0.059
30211	55	2.1654	100	3.9370	22.75	0.8957	21	0.8268	18	0.7087	2.0	0.079	1.5	0.059
30212	60	2.3622	110	4.3307	23.75	0.9350	22	0.8661	19	0.7480	2.0	0.079	1.5	0.059
30213	65	2.5591	120	4.7244	24.75	0.9744	23	0.9055	20	0.7874	2.0	0.079	1.5	0.059
30214	70	2.7559	125	4.9213	26.50	1.0433	24	0.9449	21	0.8268	2.0	0.079	1.5	0.059
30215	75	2.9528	130	5.1181	27.50	1.0827	25	0.9843	22	0.8661	2.0	0.079	1.5	0.059
30216	80	3.1496	140	5.5118	28.25	1.1122	26	1.0236	22	0.8661	2.5	0.098	2.0	0.079
30217	85	3.3465	150	5.9055	30.50	1.2008	28	1.1024	24	0.9449	2.5	0.098	2.0	0.079
30218	90	3.5433	160	6.2992	32.50	1.2795	30	1.1811	26	1.0236	2.5	0.098	2.0	0.079
30219	95	3.7402	170	6.6929	34.50	1.3583	32	1.2598	27	1.0630	3.0	0.118	2.5	0.098
30220	100	3.9370	180	7.0866	37.00	1.4567	34	1.3386	29	1.1417	3.0	0.118	2.5	0.098
30221	105	4.1339	190	7.4803	39.00	1.5354	36	1.4173	30	1.1811	3.0	0.118	2.5	0.098
30222	110	4.3307	200	7.8740	41.00	1.6142	38	1.4961	32	1.2598	3.0	0.118	2.5	0.098
30224	120	4.7244	215	8.4646	43.50	1.7126	40	1.5748	34	1.3386	3.0	0.118	2.5	0.098
30226	130	5.1181	230	9.0551	43.75	1.7224	40	1.5748	34	1.3386	4.0	0.157	3.0	0.118
30228	140	5.5118	250	9.8425	45.75	1.8012	42	1.6535	36	1.4173	4.0	0.157	3.0	0.118

Basic Bearing No.	Nominal Bearing Dimensions										Preferred Shoulder Diameters			
	d		D		T		B		C		r1 (Min Inner Ring)		r2 (Min Out Ring)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
30302	15	0.5906	42	1.6535	14.25	0.5610	13	0.5118	11	0.4331	1.0	0.039	1.0	0.039
30303	17	0.6693	47	1.8504	15.25	0.6004	14	0.5512	12	0.4724	1.0	0.039	1.0	0.039
30304	20	0.7874	52	2.0472	16.25	0.6398	15	0.5906	13	0.5118	1.5	0.059	1.5	0.059
30305	25	0.9843	62	2.4409	18.25	0.7185	17	0.6693	15	0.5906	1.5	0.059	1.5	0.059
30306	30	1.1811	72	2.8346	20.75	0.8169	19	0.7480	16	0.6299	1.5	0.059	1.5	0.059
30307	35	1.3780	80	3.1496	22.75	0.8957	21	0.8268	18	0.7087	2.0	0.079	1.5	0.059
30308	40	1.5748	90	3.5433	25.25	0.9941	23	0.9055	20	0.7874	2.0	0.079	1.5	0.059
30309	45	1.7717	100	3.9370	27.25	1.0728	25	0.9843	22	0.8661	2.0	0.079	1.5	0.059
30310	50	1.9685	110	4.3307	29.25	1.1516	27	1.0630	23	0.9055	2.5	0.098	2.0	0.079
30311	55	2.1654	120	4.7244	31.50	1.2402	29	1.1417	25	0.9843	2.5	0.098	2.0	0.079
30312	60	2.3622	130	5.1181	33.50	1.3189	31	1.2205	26	1.0236	3.0	0.118	2.5	0.098
30313	65	2.5591	140	5.5118	36.00	1.4173	33	1.2992	28	1.1024	3.0	0.118	2.5	0.098
30314	70	2.7559	150	5.9055	38.00	1.4961	35	1.3780	30	1.1811	3.0	0.118	2.5	0.098
30315	75	2.9528	160	6.2992	40.00	1.5748	37	1.4567	30	1.1811	3.0	0.118	2.5	0.098
30316	80	3.1496	170	6.6929	42.50	1.6732	39	1.5354	33	1.2992	3.0	0.118	2.5	0.098
30317	85	3.3465	180	7.0866	44.50	1.7520	41	1.6142	34	1.3386	4.0	0.157	3.0	0.118
30318	90	3.5433	190	7.4803	46.50	1.8307	43	1.6929	36	1.4173	4.0	0.157	3.0	0.118
30319	95	3.7402	200	7.8740	49.50	1.9488	45	1.7717	38	1.4961	4.0	0.157	3.0	0.118
30320	100	3.9370	215	8.4646	51.50	2.0276	47	1.8504	39	1.5354	4.0	0.157	3.0	0.118
30321	105	4.1339	225	8.8583	53.50	2.1063	49	1.9291	41	1.6142	4.0	0.157	3.0	0.118
30322	110	4.3307	240	9.4488	54.50	2.1457	50	1.9685	42	1.6535	4.0	0.157	3.0	0.118
30324	120	4.7244	260	10.2362	59.50	2.3425	55	2.1654	46	1.8110	4.0	0.157	3.0	0.118

Basic Bearing No.	Nominal Bearing Dimensions										Preferred Shoulder Diameters			
	d		D		T		B		C		r1 (Min Inner Ring)		r2 (Min Out Ring)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
32004	20	0.7874	42	1.6535	15	0.5906	15	0.5906	12.0	0.4724	0.6	0.024	0.6	0.024
32005	25	0.9843	47	1.8504	15	0.5906	15	0.5906	11.5	0.4528	0.6	0.024	0.6	0.024
32006	30	1.1811	55	2.1654	17	0.6693	17	0.6693	13.0	0.5118	1.0	0.039	1.0	0.039
32007	35	1.3780	62	2.4409	18	0.7087	18	0.7087	14.0	0.5512	1.0	0.039	1.0	0.039
32008	40	1.5748	68	2.6772	19	0.7480	19	0.7480	14.5	0.5709	1.0	0.039	1.0	0.039
32009	45	1.7717	75	2.9528	20	0.7874	20	0.7874	15.5	0.6102	1.0	0.039	1.0	0.039
32010	50	1.9685	80	3.1496	20	0.7874	20	0.7874	15.5	0.6102	1.0	0.039	1.0	0.039
32011	55	2.1654	90	3.5433	23	0.9055	23	0.9055	17.5	0.6890	1.5	0.059	1.5	0.059
32012	60	2.3622	95	3.7402	23	0.9055	23	0.9055	17.5	0.6890	1.5	0.059	1.5	0.059
32013	65	2.5591	100	3.9370	23	0.9055	23	0.9055	17.5	0.6890	1.5	0.059	1.5	0.059
32014	70	2.7559	110	4.3307	25	0.9843	25	0.9843	19.0	0.7480	1.5	0.059	1.5	0.059
32015	75	2.9528	115	4.5276	25	0.9843	25	0.9843	19.0	0.7480	1.5	0.059	1.5	0.059
32016	80	3.1496	125	4.9213	29	1.1417	29	1.1417	22.0	0.8661	1.5	0.059	1.5	0.059
32017	85	3.3465	130	5.1181	29	1.1417	29	1.1417	22.0	0.8661	1.5	0.059	1.5	0.059
32018	90	3.5433	140	5.5118	32	1.2598	32	1.2598	24.0	0.9449	2.0	0.079	1.5	0.059
32019	95	3.7402	145	5.7087	32	1.2598	32	1.2598	24.0	0.9449	2.0	0.079	1.5	0.059
32020	100	3.9370	150	5.9055	32	1.2598	32	1.2598	24.0	0.9449	2.0	0.079	1.5	0.059
32021	105	4.1339	160	6.2992	35	1.3780	35	1.3780	26.0	1.0236	2.5	0.098	2.0	0.079
32022	110	4.3307	170	6.6929	38	1.4961	38	1.4961	29.0	1.1417	2.5	0.098	2.0	0.079
32024	120	4.7244	180	7.0866	38	1.4961	38	1.4961	29.0	1.1417	2.5	0.098	2.0	0.079
32026	130	5.1181	200	7.8740	45	1.7717	45	1.7717	34.0	1.3386	2.5	0.098	2.0	0.079
32028	140	5.5118	210	8.2677	45	1.7717	45	1.7717	34.0	1.3386	2.5	0.098	2.0	0.079
32030	150	5.9055	225	8.8583	48	1.8898	48	1.8898	36.0	1.4173	3.0	0.118	2.5	0.098
32032	160	6.2992	240	9.4488	51	2.0079	51	2.0079	38.0	1.4961	3.0	0.118	2.5	0.098
32034	170	6.6929	260	10.2362	57	2.2441	57	2.2441	43.0	1.6929	3.0	0.118	2.5	0.098

Basic Bearing No.	Nominal Bearing Dimensions										Preferred Shoulder Diameters			
	d		D		T		B		C		r1 (Min Inner Ring)		r2 (Min Out Ring)	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
32203	17	0.6693	40	1.5748	17.25	0.6791	16	0.6299	14	0.5512	1.0	0.039	1.0	0.039
32204	20	0.7874	47	1.8504	19.25	0.7579	18	0.7087	15	0.5906	1.0	0.039	1.0	0.039
32205	25	0.9843	52	2.0472	19.25	0.7579	18	0.7087	16	0.6299	1.0	0.039	1.0	0.039
32206	30	1.1811	62	2.4409	21.25	0.8366	20	0.7874	17	0.6693	1.0	0.039	1.0	0.039
32207	35	1.3780	72	2.8346	24.25	0.9547	23	0.9055	19	0.7480	1.5	0.059	1.5	0.059
32208	40	1.5748	80	3.1496	24.75	0.9744	23	0.9055	19	0.7480	1.5	0.059	1.5	0.059
32209	45	1.7717	85	3.3465	24.75	0.9744	23	0.9055	19	0.7480	1.5	0.059	1.5	0.059
32210	50	1.9685	90	3.5433	24.75	0.9744	23	0.9055	19	0.7480	1.5	0.059	1.5	0.059
32211	55	2.1654	100	3.9370	26.75	1.0531	25	0.9843	21	0.8268	2.0	0.079	1.5	0.059
32212	60	2.3622	110	4.3307	29.75	1.1713	28	1.1024	24	0.9449	2.0	0.079	1.5	0.059
32213	65	2.5591	120	4.7244	32.75	1.2894	31	1.2205	27	1.0630	2.0	0.079	1.5	0.059
32214	70	2.7559	125	4.9213	33.25	1.3091	31	1.2205	27	1.0630	2.0	0.079	1.5	0.059
32215	75	2.9528	130	5.1181	33.25	1.3091	31	1.2205	27	1.0630	2.0	0.079	1.5	0.059
32216	80	3.1496	140	5.5118	35.25	1.3878	33	1.2992	28	1.1024	2.5	0.098	2.0	0.079
32217	85	3.3465	150	5.9055	38.5	1.5157	36	1.4173	30	1.1811	2.5	0.098	2.0	0.079
32218	90	3.5433	160	6.2992	42.5	1.6723	40	1.5748	34	1.3386	2.5	0.098	2.0	0.079
32219	95	3.7402	170	6.6929	45.5	1.7913	43	1.6929	37	1.4567	3.0	0.118	2.5	0.098
32220	100	3.9370	180	7.0866	49	1.9291	46	1.8110	39	1.5354	3.0	0.118	2.5	0.098
32221	105	4.1339	190	7.4803	53	2.0866	50	1.9685	43	1.6929	3.0	0.118	2.5	0.098
32222	110	4.3307	200	7.8740	56	2.2047	53	2.0866	46	1.8110	3.0	0.118	2.5	0.098
32224	120	4.7244	215	8.4646	61.5	2.4213	58	2.2835	50	1.9685	3.0	0.118	2.5	0.098
32226	130	5.1181	230	9.0551	67.75	2.6673	64	2.5197	54	2.1260	4.0	0.157	3.0	0.118
32228	140	5.5118	250	9.8425	71.75	2.8248	68	2.6772	58	2.2835	4.0	0.157	3.0	0.118