

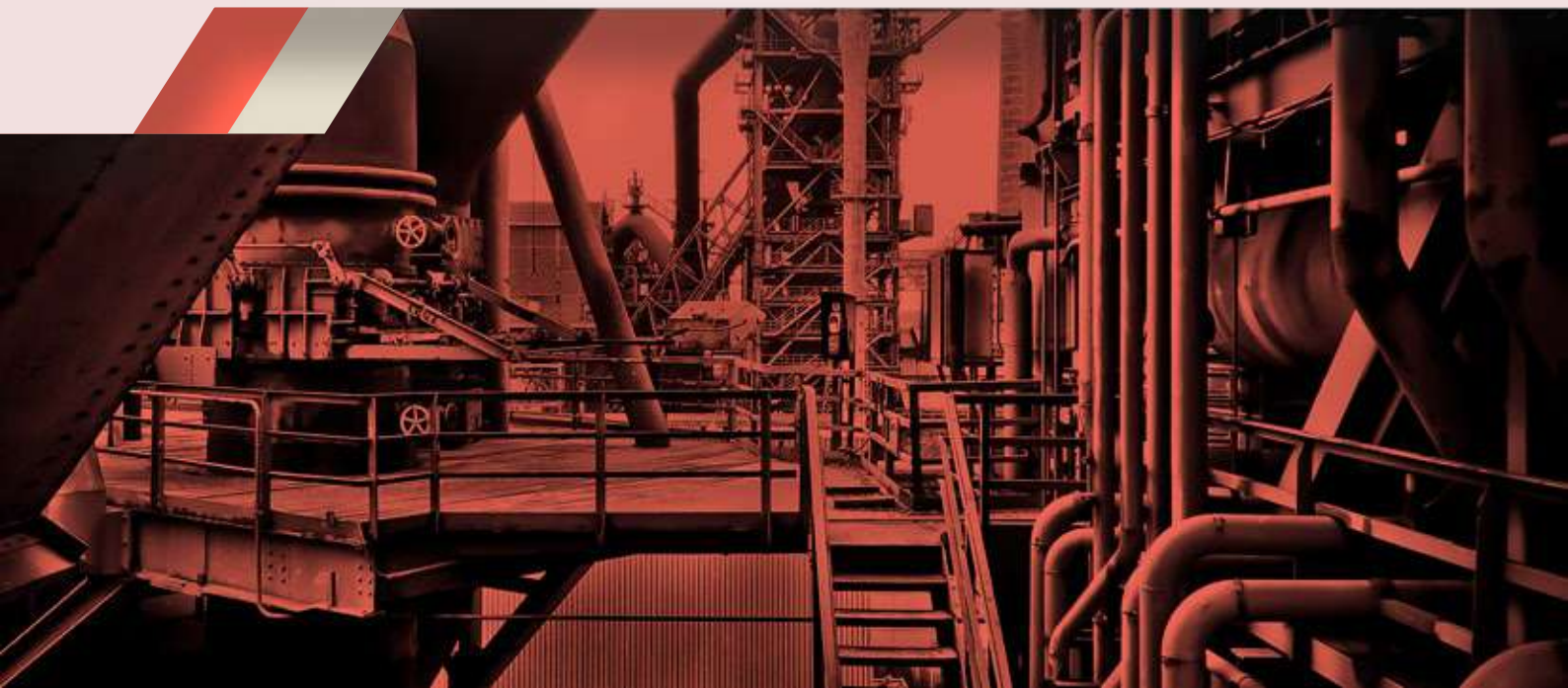


**SGARIA.**

*Trustable for life*



# Bearings



# COMPANY PROFILE



## The Sgaria

In addition to the best products, we work objectively and efficiently, with integrity and a sense of urgency to generate the best services.

Check out some of the pillars of our company:

**Customer Focus:** Our customers are the reason for our existence. We are committed to meeting your demands on site and time required;

**Safety:** We are strict in meeting our standards, valuing the safety of our customers and contributors;

**Quality Results:** We seek to maximize results by valuing quality in every detail of our operation;

**Teamwork:** Together we achieve our goals, acting in a shared way will more easily achieve achievements and good results, sharing achievements and results.

## Certificates

By bringing together technical force with design and experience, Sgaria has all the documentation necessary to deliver a certified quality product.





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Deep Groove Ball Bearings mainly take radial load as well as take moderate axial load. Less friction coefficient, high limiting speed, high precision, large size rang and colorful combination of structure.

Application: Automobiles, motorcycles, common machinery, oil fields, marine industry, electrical, construction machinery, various kinds of professional machinery and heavy industry of all types.



Series	Bore Diameter (mm)	Variant Structure
61800	10~320	N, Z, 2Z, RZ, 2RZ, RS, 2RS
61900	10~280	N, Z, 2Z, RZ, 2RZ, RS, 2RS
16000	10~260	N, Z, 2Z, RZ, 2RZ, RS, 2RS
6000	10~260	N, Z, 2Z, RZ, 2RZ, RS, 2RS
6200	10~220	N, Z, 2Z, RZ, 2RZ, RS, 2RS
6300	10~190	N, Z, 2Z, RZ, 2RZ, RS, 2RS
6400	10~100	N, Z, 2Z, RZ, 2RZ, RS, 2RS



Bearing No.	Structure	Noise	Clearance	Precision	Boundary Dimensions (mm)				Basic Load Ratings (kN)		Limiting Speeds (r/min)		Mass (kg)
					d	D	B	r <sub>min</sub>	Dynamic C <sub>r</sub>	Static C <sub>or</sub>	Grease	Contact Seals	
											r/min		
6204	2Z, 2RZ, 2RS	Z0~Z3	C0~C5	P0~P6	20	47	14	1	12.8	6.65	16000	10000	0.106
6205	2Z, 2RZ, 2RS	Z0~Z3	C0~C5	P0~P6	25	52	15	1	14.0	7.85	13000	8900	0.128
6206	2Z, 2RZ, 2RS	Z0~Z3	C0~C5	P0~P6	30	62	16	1	19.5	11.3	11000	7300	0.199
6207	2Z, 2RZ, 2RS	Z0~Z3	C0~C5	P0~P6	35	72	17	1.1	25.7	15.3	9800	6300	0.288
6208	2Z, 2RZ, 2RS	Z0~Z3	C0~C5	P0~P6	40	80	18	1.1	29.1	17.8	8700	5600	0.366
6209	2Z, 2RZ, 2RS	Z0~Z3	C0~C5	P0~P6	45	85	19	1.1	32.5	20.4	7800	5200	0.398
6210	2Z, 2RZ, 2RS	Z0~Z3	C0~C5	P0~P6	50	90	20	1.1	35.0	23.2	7100	4700	0.454

The most basic and widely used tapered bearing, the single-row type consists of tapered inner and outer ring raceways and tapered rollers. And the inner ring with the rollers and cage can be fitted separately from the outer ring. It is usually fitted as one of an opposing pair. During equipment assembly, single-row bearings can be set to the required clearance (endplay) or preload condition to optimize performance.

Tapered roller bearings are widely used in automotive, mining, metallurgy, electric tools, sports apparatus, medical equipment, chemicals, aviation, plastics machinery and other industries machine, agriculture machine and etc.



Metric Series	32900	32000	30200	30300	32200	32300	33000	33100	33200	31300
Bore Diameter (mm)	10~280	10~260	10~220	10~190	10~220	10~170	10~150	10~120	10~105	10~150

This type of bearings is separable, and can only carry axial load. The single direction thrust ball bearings of them can only carry axial load in one direction, while the double can carry alternating axial load in either direction. Before using they have to be preloaded. The thrust ball bearings are used in lathe centers, automobile clutches, reducers and so on. The double direction angular contact thrust ball bearings are suitable for machine tools spindles, while the single are used to support ball screws.



Series	Bore Diameter (mm)	Series	Bore Diameter (mm)
51100	10~240	F-2900	10~140
51200	10~220	234400BMI	25~260
51300	10~180	234700BMI	25~269
51400	10~150	234900BMI	25~280
52200	10~190	7602000TN	10~100
52300	10~150	7603000TN	10~100

Spherical bearings are easy to use which is featured easy to install and operate and can be self-aligning. Insert ball bearing unit is consisted of a double sealed, single row bearing and one of housings (cast iron housing, stamping steel housing, stainless steel housing, engineering plastic housing, nodular cast iron housing, nickel plating housing, zinc alloy housing, etc.).



The various bearing housings are suitable for diverse structural positions in the overall coordination.



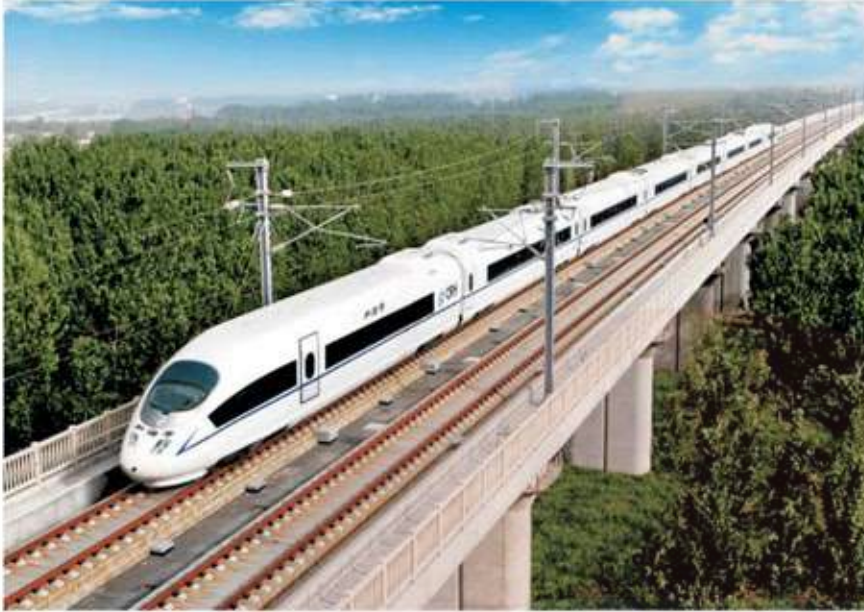
They are widely used in electronics applications, medicine equipment, food processing, vacuum applications, agricultural machinery, construction machinery, textile machinery and conveying devices, etc.

## Spherical Bearings Model

Spherical Bearings Category	Bearings Block	Bearings Type	Application
 UCP	 P, PK, LP	UCP2, NAP2, UKP2+H, SBP2G, SAP2G, UCPK2, NAPK2, UCAK2, NAAK2, UCPX, SALP2G, SBLP2G, UCP3, NAP3, UKP3+H	Vertical block: Vertical block is the largest application in the bearing block. UCP, UCPK, UCAK and SBLPG bearings are fixed on shaft by set screws of the bearing inner ring. NAP, NAPK and SALP bearings are fixed by the set screws of the eccentric sleeve, while the UKP class are fixed on the shaft by adapter sleeve.
 UCPA	 PA, PG	UCPA2, NAPA2, UKPA2+H, UCPA2A, UCPG2	"Compact" type block: This is a compact type structure, can save the installation space, it can be fixed by using the bolts in the bottom.
 UCF	 F, FU	UCF2, NAF2, NAFU2, UKF2+H, SAF2G, UCFX, UCF3, NAF3, UKF3+H	Square block: This bearing is mainly applied in the occasion that the side which is vertical to axis is fixed by four bolts. Its fixed mode is the same with UCP vertical block bearing and widely used in machinery.
 UCFC	 FC	UCFC2, NAF2, UKFC2+H	Convex platform round seat: This bearing is mainly used to install on the side hole with the central requirement.
 UCT	 T, ST, K	UCT2, NAT2, UCK2, UCST2	Slider block: This kind of bearing seat for host central shaft need linear move freely.
 SBPP	 PP	SAPP2, SBPP2	Vertical steel plate stamping bearing: Stamping block consists of two slices, with a light weight, simple structure, suitable for low speed and light load situations, mainly cooperate with SA, SB bearing core.
 SBPF	 PF	SAPF2, SBPF2	Pressed steel round type: It consists of two slices, mainly cooperate with SA, SB bearing core. Featured light weight, simple structure, suitable for low speed and light load situations.
 SBPFT	 PFT	SAPFT2, SBPFT2	Pressed triangle type: Its function is the same as pressed round type, Regarding its dimensions than the pressed round type, it is suitable for space limited occasion.
 SBPFL	 PFL	SAPFL2, SBPFL2	Pressed rhombic type: Such seat is suitable for small installation space, can only for occasions which installed with two bolts. Its function is the same as the pressed round type.











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