Bearings

- Bearings
- Gears & Power Transmission Equipment
**Bearings**

**JALMAN PRECISION Co., Ltd.**
922-1, Woram-dong, Dalseo-gu, Daegu 704-320, Korea
T +82-53-583-1244
F +82-53-583-1316
http://www.jalman.com
http://eblog.gobizkorea.com/jalman
jmc@jalman.com
**product**: Bearings (Track Rollers, Rod Ends, Spherical Plains, Ball Joints)

- **TRACK ROLLER BEARINGS**
  JMC’s Track roller bearings are used for many kinds of machines such as automatic machinery, specialized machinery, cam-working assembly, various carrying facilities, conveyors and the system to exchange tools for machining center.

**KDB TECH Co., Ltd.**
#2-213, Byoksan Valley, Gasan-dong, Geumcheon-gu, Seoul 153-783, Korea
T +82-2-3281-9888
F +82-2-3281-4320
http://www.kdbtech.com

http://eblog.gobizkorea.com/kdbtech
kdbtech@KDBtech.com
**product**: Oilless Bearing, Dry Bearing, Wear Ring, #500, DU, Bearing, Bush#500, Oilless Bearing, #200, DB, EP

- #500 is self-lubricating bearing that is being used for low speed, high load as a metallic oilless bearing. The metallic oilless bearing is high hardness oilless bearings that the special solid lubricants is being burried in brass and bronze material.
- DB is composite self lubricating bearing that sliding layer is consisted of PTFE resin as a dry bearings that have excellent lubricating performance without any lubrication.
- #200 is non-metallic and non-conductible fabric reinforced phenolic resin bearings which provide sufficient self-lubrication and wear resistance.
- EP is new economic self-lubricating bearings made by kinds of resin with additive fibre. The application for noiseless, miniaturization & low weight.

**WON ST Co., Ltd.**
501-3, Yulam-ri, Paltan-myeon, Hwaseong-si, Gyeonggi-do
445-913, Korea
T +82-31-352-5470
F +82-31-352-7381

http://www.wonst.co.kr
http://eblog.gobizkorea.com/wonshaft
won@wonst.co.kr
**product**: Super Ball Bushing, Linear Ball Bushing, TR Guide, Compact Ball Spline

**JEIL BEARING INDUSTRY Co., Ltd.**
65-5, Chunui-dong, Wonmi-gu, Bucheon-si, Gyeonggi-do
420-858, Korea
T +82-32-675-2201
F +82-32-675-2205
http://www.jib.co.kr
http://eblog.gobizkorea.com/sme0018
jib@jeilbearing.com
jibsales@naver.com
**product**: Bearing

**SUPER BALL BUSHING**
WON’s R&D has the accurate interpretation ability about rolling motion & sliding motion together with the application ability both of special steel & heat-treatment and the specialized technique in super-precision processing & the like fields. Besides WON ourselves establishes all producing equipments & the systematic manufacturing process on the heat-treatment system of special steel & grinding. WON is thus a real manufacturer & an engineering enterprise to serve LM System of all industrial automation with it’s own distinguished technology & abilities on the products quality.
**UC BEARING**
The bearing inside diameter is a round bore. The shaft is secured to the wide inner race surface by two hexagonal set screws. The grease supply is sealed in the unit. This unit can be used in wide ranging conditions and it is the most widely used ball bearing.

**SHINA METALTECH Co., Ltd.**
1041-55, Daean-dong, Buk-gu, Ulsan 683-240, Korea
T +82-52-298-2100
F +82-52-298-2105
http://www.shinametal.com
http://eblog.gobizkorea.com/shinametal
sam@shinametal.com
product : White Metal Bearing

**ENGINE METAL BEARING**
- Man B&W Low speed Diesel Engine
- Wartsila NSD
- Mitsubishi UEC Engine
- Lining Material : White Metal (HM07)
- Bonding Process : Centrifugal Casting, Gravity Casting
- Diameter : Ø100-Ø1600

**SHILLA CORPORATION**
163, Sinpung-ri, Susin-myeon, Cheonan-si, Chungcheongnam-do 330-882, Korea
T +82-41-552-9800
F +82-41-552-5468
http://www.shillacorp.co.kr
http://eblog.gobizkorea.com/shillae
webmaster@shillaprecision.com
product : Swing Ring Bearing

**SLB SERIES**
*Internal Gear*
- Product NO : SLBI 0000 / SLBDI 0000 (Double Row)
- Purchase Method : Order Made
- Application : Excavators, Marine Cranes, Wind turbine, etc

*External Gear*
- Product NO : SLBO 0000 / SLBDO 0000 (Double Row)
- Purchase Method : Order Made
- Application : Truck Cranes, Wrecker Truck, Concrete Pump Car, etc

**SOLTRI COMPOSITES CORPORATION**
11-88, Songrim-dong, Dong-gu, Incheon 401-070, Korea
T +82-32-761-2323
F +82-32-761-2322
http://www.kaha.co.kr
http://eblog.gobizkorea.com/kaha
info@soltri.com
cghan@soltri.com
product : Plastic Bearing

**KEOYANG CORPORATION**
#4Da-104, Shihwa Ind. Complex, 660-5, Seonggok-dong, Danwon-gu, Ansan-si, Gyeonggi-do 425-835, Korea
T +82-31-499-2191
F +82-31-499-3009
http://www.keoyang.co.kr
http://eblog.gobizkorea.com/mkeoyang
keoyang@keoyang.co.kr
product : Retainer, Shield Plate

**RETAINER**
Located between the inner ring and the outer ring, the Retainer for Ball Bearing will help prevent the breakaway of the Ball being driven in rotation so that the primary function of the Bearing may be kept in order. Furthermore, it will help reduce the noise to a minimum by maintaining the equal span between the balls, hence prolonging the life of the Bearing. At present, we are manufacturing 30-odd types of Retainers.

**CONTACT**
GobizKOREA.com / webmaster@gobizkorea.com. We can help you to get more information.
**KAMGLIDE WEAR RING**

The role of the wear ring of plastic materials is to guide the piston and the rod in a hydraulic cylinder as well as to support horizontal loads and prevent metal-to-metal contact of moving parts.

- Low coefficient of friction
- High resistance to wear
- Absorbing heavy side load
- Vibration suppressing characteristics
- Design flexibility
- Various application area
- Easy installation
- High temperature resistance

---

**HANATECH PRECISION CORPORATION**

797-1, Dosa-ri, Tongjin-eup, Gimpo-si, Gyeonggi-do 415-863, Korea

T +82-31-988-9953  
F +82-31-987-2178  
http://www.hanatech.co.kr  
http://eblog.gobizkorea.com/hanatech  
mst@hanatech.co.kr  
**product : Oilless Bearing**

---

**KOREA DRY BEARING Co., Ltd.**

163-12, Dongan-ri, Okcheon-eup, Okcheon-gun, Chuncheongbuk-do 373-804, Korea

T +82-43-733-9361  
F +82-43-733-9360  
http://www.kdbsite.com  
http://eblog.gobizkorea.com/1999-02598  
kdb-bush@hanmail.net  
**product : Bearing**

---

**BEARING**

- perfect nonoiled bearing.  
- durable for impact and heavy weight.  
- suitable for shaking condition.  
- excellent tear-resistance ensure long life.  
- microparticle added a solid lubrication eliminates slip-stickage problem and enable to work silently.

---

**RPS Co., Ltd.**

63-20, Daehwa-dong, Daedeok-gu, Daejeon 306-020, Korea  
T +82-42-602-3300  
F +82-42-602-3399  
http://www.rps-korea.com  
http://eblog.gobizkorea.com/1999-00316  
rps@rps-korea.com  
**product : PCB Drilling, Dicing, Engraving**

---

**RASS 2016-02**

**Input Air Condition**

- Pressure : 5.5kgf/cm²~6.5kgf/cm²  
- Temperature : 20°C  
- Filter : 0.5~1.0µm  
- Air Consumption : 80g/min

**Cooling Fluid**

- Class : Water or Oil  
- Pressure : 3kgf/cm²  
- Cooling Flow Rate : 2g/min  
- Temperature : 17~19°C  
- Motor : 3phase, 2pole, AC, induction, 220V at 2667Hz  
- Operational Speed Range : 20,000rpm~160,000rpm  
- Motor Characteristic : 115V, 700Hz & 215V, 2667Hz, 0.5kW at 60,000rpm  
- Static Axial Load : Min. 20kgf  
- Static Radial Load : Min. 6kgf  
- Dynamic Runout : Max. 7µm  
- Collet System : Standard 3.175mm(1/8inch), Shank Dia, Tooling  
- Weight : 3.7kgf

---

**WINNER BEARING Co., Ltd.**

72, Gahyeon-ri, Tongjin-eup, Gimpo-si, Gyeonggi-do 415-861,
Korea
T +82-31-988-0141
F +82-31-988-0140
http://www.shaft.co.kr
http://eblog.gobizkorea.com/winner
winner@shaft.co.kr
shaft@shaft.co.kr

Product: Linear Motion Guide and Belt Driven Type Actuator

SERO-SERIES

Winner Bearings’ specialized in LM hardened and ground shaft production. As export-oriented cooperation, winner bearings is worldwide brand for long-axis shaft on basis of efforts for quality improvement. And starting SG(Speed Guide) and OGS’ sales, Speed Guide’ sales is over 47% and we are planing to grow up 100% sales within five years from now on. All of these results come from our efforts and invest to technology. We hope for your interest about new technology’s SG (Speed Guide) and your continuous prosperity.

DAEKEUM GEOWELI Co., Ltd.
720, Dohwa-dong, Nam-gu, Incheon 402-060, Korea
T +82-32-874-0053
F +82-32-874-0250
http://www.daekeum.co.kr/english/
http://eblog.gobizkorea.com/daekeum
sales@daekeum.co.kr

Product: BUSH

DK-BUSH
- Excellent performance
- Various oil grooves
- Wide range of dimensions
- Inspection for every process

SBB TECH Co., Ltd.
150-10, Ponae-ri, Wolgot-myeon, Gimpo-si, Gyeonggi-do 415-873, Korea
T +82-31-988-4085
F +82-31-988-4083
http://www.sbb.co.kr
http://eblog.gobizkorea.com/sbb
sbb1@sbb.co.kr

Product: Ceramic Bearing, Highbreed Bearing, Peek Bearing, Ceramic Ball, Artificial Hip Joint

HIGHBREED BEARING
- About the Product
SBB Ceramic bearing, as the materials of Fine ceramic which have corrosion resistance, thermal resistance, non-magnetic, light weight, insulation are perfect in special environmental parts which can not apply as the existing SUJ2 bearing that have produced.
- Product Feature
1. Excellent thermal resistance in the condition of the air vacuum can be possible to use about 500 degree
2. High temperature realization by using Retainer to Austenite stainless steel
3. Non-oil realization by using Ceramic ball
- Application Fields
Vacuum-deposition equipment, incinerator, all sorts of thermal furnace, and medical sterilization equipment
- Product Spec
Deep groove ball bearing, angular contact bearing, Self-aligning ball bearing

KOPECO
650-15, Seoknam-dong, Seo-gu, Incheon 404-220, Korea
T +82-32-582-0943
F +82-32-582-0944
http://www.kpcball.co.kr
http://eblog.gobizkorea.com/kopeco
kopeco@kpcball.co.kr
harry_han@kpcball.co.kr

Product: Ceramic Bearing, Plastic Bearing, Ceramic Ball, Steel Ball

Ceramic Bearings
As emerging and developing high technologies, steel bearing situation is being smaller. Instead of steels, ceramics, especially ceramic bearings are effectively altered on complex condition in accordance with these new techniques. Ceramic bearings will be gradually
exchanged in environmental industry like semi-conducted, chemicals, and food equipment. **Advantages of Ceramic Bearings.**
- Light weight with low density → decrease in centrifugal load.
- Excellent corrosion resistance.
- Strong at high temperature → not transformed in $800^\circ - 1500^\circ$.
- Stable in chemicals. (Acid & Alkali)
- Non-conducted
- Semi-permanent life
Non-greased and self lubrication

**SBC LINEAR Co., Ltd.**

#705, Dongbook Bldg., 45-20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-891, Korea
T +82-2-782-5561
F +82-2-780-7205
http://www.sbclinear.co.kr
http://eblog.gobizkorea.com/SBC
brown@sbclinear.co.kr

**product : Linear Rail System, Ball Screw, Support Unit, Cross Roller Guide, Linear Actuator**

**SCHAEFFLER KOREA CORPORATION**

12F, Samsung Fire Insurance Co. Bldg., 87, Euljiro 1-ga, Jung-gu, Seoul 100-191, Korea
T +82-2-311-3096
F +82-2-311-3054
http://www.schaeffler.co.kr
http://eblog.gobizkorea.com/shaeffler
fagkorea@kr.fag.com

**product : Bearings**

**AUTOMOTIVE BEARINGS**
- The belt tension of automobiles is maintained by the belt tensioner which is divided into manual and automatic type.
- The manual type belt tensioner is given its tension by a spring force when initially fitted and requires tightening again after some use while the automatic belt tensioner is able to keep a constant tension.
- By the reasonable tension, premature wear, noise, or vibration of the belt can be decreased.
- The reasonable tension also reduces tooth skip of the belt, which causes knocking of engine and therefore degraded engine efficiency.

**S.O.B Co., Ltd.**

81B-10L, Namdong Industrial Complex, 681-9, Gojan-dong, Namdong-gu, Incheon 405-817, Korea
T +82-32-813-3401
F +82-32-813-4259
http://www.shinkang.co.kr
http://eblog.gobizkorea.com/SOB
shinkang@shinkang.co.kr

**product : Embedded-Type Bearing, Dispersion-Type Bearing, Dry Bearing**

**OILLESS #500 SERIES, OILLESS #200 SERIES, SDU & SDX**
The Oilless #500 series are metal bearings with solid lubricant of embedded-type that have wear-resistance for the heavy load with dynamic permissible load of above 100 to 500 kg/\(\text{cm}^2\) at low-velocity. This bearing always operates in a self-lubricated condition in which lubricant oil in them functions in junction with solid lubricants (esp. graphite; its type changed depending on service conditions) embedded in the metal matrix. The products are classified into following types, that is Oilless 500SP, 500B, 500AL and 500F, depending on types of metal matrix, specifications, application and service conditions.
BEARING CAGE PARTS
Mold manufacturing / Injection molding for internal parts of automobiles
- Bearing Plastic Cage (Needle Type, Roller Type)
- Power Pack (Room Mirror, Switch)

THRUST ROLLER BEARING
- WBC cylindrical Roller Thrust Bearing is designed with a robust structure to endure high load and impact load.
- It consists of K, WS, and GS.

M.I.TECH KOREA Co., Ltd.
5-38, Juan-dong, Nam-gu, Incheon 402-200, Korea
T +82-32-866-1031
F +82-32-866-1285
http://www.mitec.co.kr
http://eblog.gobizkorea.com/mitec03
mitec@mitec.co.kr
kyd@mitec.co.kr
product : Optical Lens Holder, Automobile Bearing, R/C Model Parts & Servo Motor

OILLESS BEARING
Bearing of the motor bar for Video, audio, juicer, miger, sewing machine, razor, washer, and electric fan
As the oilless bearing is the bearing having lubricating function, it can be used for a long time without oil supplying. It features the cheap price, and volume products as it contains oil in vacuum statue.
- The oilless bearing means that oil is contained in part by itself.
- The motor of rotating thing is used in various industrial fields such as automobile, and industrial machines.
- It has no specific standard, and is manufactured by order.

HYUP SHIN MACHINERY Co., Ltd.
568-6, Hyoseong-dong, Gyeyang-gu, Incheon 407-040, Korea
T +82-32-547-8181
F +82-32-548-4194
http://www.hsbrg.co.kr
http://eblog.gobizkorea.com/2000-a1920
hsbrg@hsbrg.com
product : Automobil Parts and Industrial
OILLESS BEARING

Oilless Bearing makes it possible to supply oil when it is hard to supply oil due to mechanical structure. In addition when alien substances are easily mixed or light weight is needed, Oilless bearing is necessary.

OILLESS BEARING features abrasion-proofness, self-lubrication mechanical and physical properties.

DSL Co., Ltd.

178-165 Gajwa-dong, Seo-gu,
Incheon 404-250, Korea
T +82-32-584-3877
F +82-32-577-5877
http://www.bridgedsl.com
http://eblog.gobizkorea.com/ds3879
ds3879@kornet.net
product : Bridge Bearing,
Bridge Expansion Joint

POT BEARING, DISC BEARING

- Aseismatic Disc Bearing
Complemented Physical Property Changes And Low Ground

- Pressure Stress(120 kg/cm²) The Weakness Of Rubber
Since1970s By Using Polythane, Produced With The Specifications Of AASHTO.
- Disc Bearing Has Many Advantages As Followings
  1) Multi-Functional & Simple Structure Design
  2) Stable Bearing That Rotates Only To The Longitudinal Direction
  3) Economic Bearing With Small Installation Space
  4) Convenient Maintaining & Extensive Application
  5) Low Height Of Bearing And Stable Structure
  6) Prominent Durability & Economic Cost

GEAR

We, GS Gear are a manufacturer of gear and gear box. We supply many kinds of gear to steel mill, cement mail, ship building, sugar mill and heavy industry. For more information, please visit our website at www.gsgear.co.kr

KYUNG IN GEAR MFG. Co.

73B-5L, 643-4, Gojan-dong,
Namdong-gu, Incheon 405-817,
Korea
T +82-32-813-3511
F +82-32-817-1706
http://www.kyungingear.co.kr
http://eblog.gobizkorea.com/kigmc
sales@gsgear.co.kr
product : Gear, Reducer

REDUCER

- We are manufacturing gear and gear box using high technology and know-how
- The quality of gear show DIN 3 Class.
SY-CB Type, SY-VC-Type, SY-DBS Type

SY-CB Type
SY-CB Type was developed by Technology of SHIN YOUNG development team at the first time in Korea and it’s very economical, reliable equipment which is widely used for many kinds of ships and oil-tankers, industrial machinery. (press, shearing, bending, forming, printing, packing, metal working, construction, gold shear, flying shear, etc.)

SY-VC Type
- Transfer big torques for its size.
- Endurable and firm, also smooth working.
- Safe operation and easy heat emission.
- Especially, easy to assemble and repair with simple structure.

SY-DBS Type
- Clutch and Brake are unit structure.
- Easy assembly and change linings.
- Protect mold base and safe operation with fast brake.
- Smooth working without default.

GEAR REDUCER
- Characteristics of Planetary Reducer
Power and rotational power are divided by several planetary gears and there is little errors of gears because of gear structure through special gear design and precise machine. Therefore, they are high efficient reducers of little power loss. Also, input shaft and output shaft become concentric shaft, so gear casing is compact and weight and installation area are declined. Our company prepares many kinds of models of various type reducing ratio and tries to give perfect satisfaction to demand of consumers.

DC-02211402
General processing of helical gear is vertical method of two-center support type or horizontal type used small hobbing machine. But, over 50° of helix angle product is big gearing with hob and come interference as tilting of base table. therefore it cause of that decrease of productivity, excess need of set-up time and birth of quality matter. Our company is for private use and remodel to cnc turning machine then speed-mass-produce. Therefore we realize strict quality management and reduction of original cost.

Feature
- Possible to maximum 65° of helix angle for easy set-up.
- Possible to maximum 1.6S(0.4a) of surface roughness.
- Possible to drum-type centrifugal finishing.

INKOK INDUSTRIAL Co., Ltd.

#104, e-biz Center, 170-5, Guro-dong, Guro-gu, Seoul 152-050, Korea
T +82-2-2108-2500
F +82-2-2108-2510
http://www.inkok.co.kr
http://eblog.gobizkorea.com/2000-a1397
kylee@inkok.co.kr

product : Micron Drill, Route Drill, Couplings, Clutches & Brakes, Mechanical Drives, Electrical Drives
After 5 years of research and development, Inkok has also succeeded in developing cemented carbide material which is the key element to cemented carbide micron drill used for making the holes (0.2~3.175) on PCB (printed circuit board). PCB is the basic item for electronic industry and semi-conductor, condenser and resistor are assembled on it.

**CHP, CENTAFLEX-CF-X**

With working optimum heat treatment & precise grinding.
4. It was assisted that the avoiding aid from waterproof & oil leakage have been used with sophisticated oilseal at the through part.
5. If you have any question, feel free to contact us.

**DREAMFLEX CORPORATION**

#1-128, Guro Opus, 611-26, Guro-dong, Guro-gu, Seoul 152-050, Korea
T +82-2-2639-8788
F +82-2-2639-8888
http://www.dream-flex.com
http://eblog.gobizkorea.com/lan1212
sales@dream-flex.com

**TAPER GRID COUPLING, GEAR COUPLING**

- Taper Grid Coupling
  The Taper Grid Coupling have 5 Type (TH, TV, THS, TFS, TBW) and 19 Size (1020T to 1200T)
  All size are Tapered. The Taper Grid Coupling are consists of 2 Hubs, Grid Sets, Cover Sets and Accessory (O/Seal, Gasket, Fasteners).
- Gear Coupling
  The Gear Coupling follows the international standard AGMA and JIS and so can easily replace most of industrial products. This Coupling compensates Angular misalignment, Parallel misalignment and end float.

**KWANG JIN CORPORATION**

730-13, Hakjang-dong, Sasang-gu, Busan 617-843, Korea
T +82-51-316-1232
F +82-51-317-1232
http://www.kwangjin.com
http://eblog.gobizkorea.com/kwangjin
kjc@kwangjin.com
shban@kwangjin.com

**SERIES 6000**
- The Series 6000 rotary joint can be used in a wide variety of settings, from low speed to high speed and from low pressure to high pressure.
- Using a special seal, this rotary joint is manufactured to be suitable for use in a wide range of industries.

**DAE SEONG PRECISION MACHINERY MFG. Co., Ltd.**

295, Songrim-dong, Dong-gu, Incheon 401-070, Korea
T +82-32-589-0794
F +82-32-589-0796
http://www.helicalgear.co.kr
http://eblog.gobizkorea.com/helicalgear
dsgears@yahoo.co.kr
product : Spur Gear, Helical Gear, Bevel Gear, Worm Gear, Reducer
**Helical Gear**

In order to prevent the simultaneous engagement between teeth during the operation of spur gear, it’s made in twisted curve shape by slowly moving teeth. The helical gear features little vibration and noise compared to the spur gear. In addition, it features good transfer efficiency and strength as the length of connecting lines are long. Its manufacturing process is complicated compared to the spur gear. It generates driving force according to direction of spindle. This driving force can be settled by using the thrust bearing. (Thrust bearing standing the load from the spindle direction)

**UCVT, SCLB**

The technology (UCVT) can replace an existing decelerator and transmission. Because it is the apparatus that automatically adjusts speed in terms of conditions of the input torque and load on the output. It is possible to transfer power without slippage and to do any amount of power from gear to gear. And the UCVT can be set the range of reduction ratio from 0 to a specified number.

**SEIL INDUSTRY Co., Ltd.**

139, Waryong-ri, Daegok-myeon, Jinju-si, Gyeongsangnam-do 660-913, Korea  
T +82-55-749-3222  
F +82-55-744-2002  
http://www.seilkorea.com  
http://eblog.gobizkorea.com/seilkorea  
b027@seilkorea.com  
product : Gear, Shaft, Transmission, Axle

**SUNG WON TECH Co., Ltd.**

#501, 3-Ra, Sihwa Industrial Complex, 1384, Jeongwang-dong, Siheung-si, Gyeonggi-do 429-450, Korea  
T +82-31-499-8491  
F +82-31-499-8495  
http://www.sungwontech.com  
http://eblog.gobizkorea.com/1999-00783  
d25210@nuri.net  
product : Roller Gear Index, Parallel Index, Pick & Place Unit, ATC, APC, CAM

**TRANSMISSION**

Main shaft, Counter shaft, Gears, Sleeves, Aluminium housing & Assembly

**TAE YOUNG PRECISION MACHINERY Co., Ltd.**

178-258, Gajwa-dong, Seo-gu, Incheon 404-250, Korea  
T +82-32-584-9033  
F +82-32-584-9037  
http://www.ty-reducer.co.kr

**CONTACT**

GobizKOREA.com / webmaster@gobizkorea.com. We can help you to get more information.
Precision Machinery & Components

http://eblog.gobizkorea.com/tyoung91
tyoung91@hanmail.net
product: Reducer, Gear Box, Gear

PLANTARY GEAR, PINION STAND, AGITATOR, BEVEL REDUCER
Through the decades, TAE YOUNG technology has evolved as our knowledge and understanding of the industry has grown we have manufactured and installed thousands of gears and drives which provided outstanding performance in industrial applications throughout the world. We utilize our experience to assist you in determining the best solutions for your applications.