

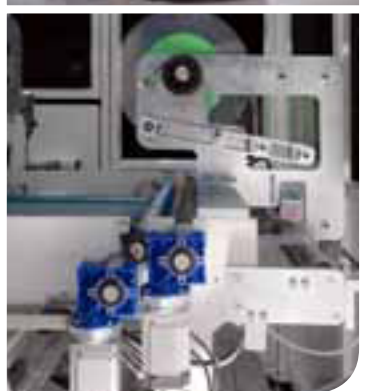
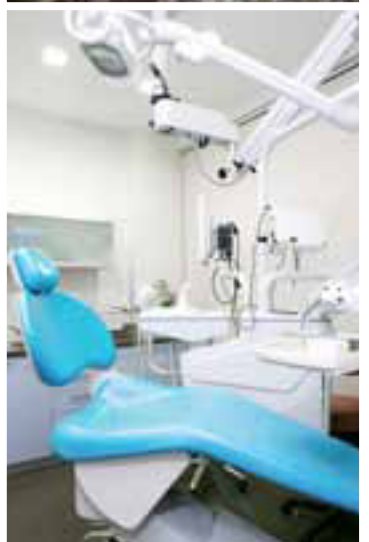


the rolling and linear motion



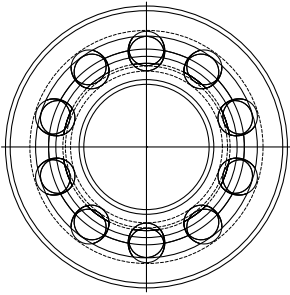
## APPLICATION AREAS

- ◇ **Automotive**
- ◇ **Motorcycles**
- ◇ **Bio-medical machines**
- ◇ **Packaging machines**
- ◇ **Machine tools**
- ◇ **Wood working machines**
- ◇ **Food machines**
- ◇ **Gear boxes**
- ◇ **Lift and conveying machines**
- ◇ **Machines for metal extraction & processing**
- ◇ **Railway industry**
- ◇ **Machines for measurement and inspection**
- ◇ **Agricultural machines**
- ◇ **Plastic and rubber processing machines**
- ◇ **Pulp and paper machines**
- ◇ **Hydraulic pumps**
- ◇ **Compressors**
- ◇ **Machines for electrical energy production**
- ◇ **Shipbuilding industry**
- ◇ **Machines for leather processing**
- ◇ **Textile machines**
- ◇ **Machine for steel production**
- ◇ **Power tools & electrical motors**
- ◇ **Machines for fitness**
- ◇ **Machines for construction**

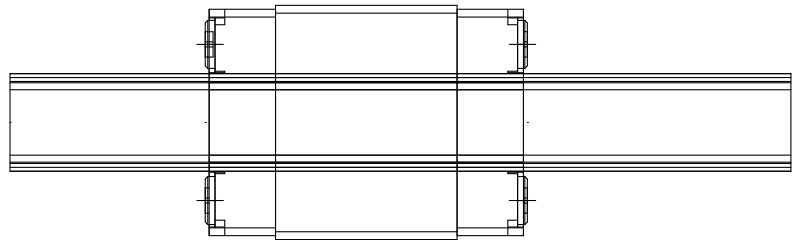


## PRODUCTS PORTFOLIO

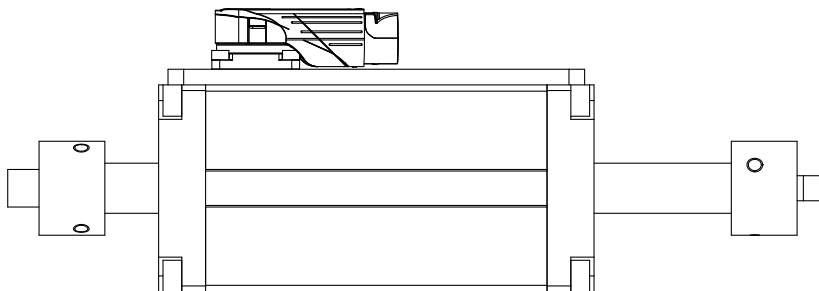
◇ Rolling Motion



◇ Linear Motion



◇ Mechatronic









## PRODUCTS FOR ROLLING MOTION



- » Small ball bearings
- » Deep groove ball bearings
- » Thrust ball bearings
- » Self-aligning ball bearings
- » Angular contact ball bearings
- » Precision bearings
- » Spherical roller bearings
- » Tapered roller bearings
- » Axial cylindrical roller bearings
- » Cylindrical roller bearing
- » Needle roller bearings machined
- » Drawn cup needle roller bearings
- » Axial roller and needle bearings
- » Needle roller/axial bearings
- » Stud type track rollers
- » Yoke type track rollers
- » Needle cages
- » Cast iron bearing units
- » Sheet steel bearing units
- » Plastic housing bearing units
- » Stainless steel bearing units
- » Plummer blocks



## LINEAR MOTION PRODUCTS

Basical products are essentially made by three different lines:

- » Precision hardened shaft
- » Chromium plated precision hardened shaft
- » Stainless steel precision hardened shaft
- » Special precision hardened shaft
- » Machined precision hardened shaft
- » Linear ball bearings - closed type
- » Linear ball bearings - adjustable type
- » Linear ball bearings - open type
- » Flanged linear ball bearings
- » Self-aligning linear ball bearings
- » Linear ball bearings (compact serie)
- » Linear ball bearing housing units
- » Shaft supports, end supports
- » Stainless steel miniature linear guides
- » Linear guides with or without caged balls
- » Roller/Needle roller linear guides and ballscrews



## MECHATRONIC

- » Linear actuators with ballscrews
- » Linear module toothed belt drive
- » Tubular motors
- » U-shaped linear motors
- » Flat ironcore linear motors
- » Torque motors
- » Linear stage with ironcore motors
- » Linear stage with U-shaped linear motors
- » Linear stage with tubular motors
- » Direct-drive linear actuators for short stroke





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