### STANDARD AND SPECIAL ROLLING BEARINGS MEDIUM AND LARGE DIMENSIONS

### **TECHNICAL SPECIFICATIONS**



Available alternatives: Deep groove ball bearings, Angular contact ball bearings, Radial cylindrical roller bearings (with radial cage and full complement), Spherical roller bearings, Tapered roller bearings, Thrust ball bearings, Cylindrical roller thrust bearings, tapered roller thrust bearings (single and double row), Spherical Joints. **Dimensional precision:** PO...P4A (according to DIN 620) Rotation precision: PO...P4A (according to DIN 620) Preload and standard radial clearance according to tables and drawings (except particular customer requests) Material of the rings: 100 Cr6 (UNI 3097 - Wnr. 1.3505) / 100 CrMo7 (UNI 3097 - Wnr. 1.3537) / 20 CrMo / 20 CrMnTi Surface hardness: 58 / 64 HRc **SPECIAL PRODUCTS** 

On demand. For further information please contact our engineering department. **GENERAL FEATURES** Designed and tested in Italy, made in outsourcing (Italy / Europe) Country of origin of materials: Italy / Europe

Available alternatives: YRT, YRTS, ZKLDF **Dimensional precision:** P5 (according to DIN 620) Rotation precision: P4 (according to DIN 620) Preload and standard radial clearance according to tables and drawings (except particular customer requests)

Material of the rings: 100Cr6 (UNI 3097 - WNr. 1.3505) / 100CrMo7 (UNI 3097 - WNr.

1.3537) Heat treatment: Hardening and Tempering - Surface hardness: 58 / 64 HRc

> Flatness and roundness 50% restricted tolerance Dimension H1 with restricted tolerance For further information please contact our engineering department. **GENERAL FEATURES**

Designed and tested in Italy, made in outsourcing (Italy / Europe) Country of origin of materials: Italy / Europe

## **CYLINDRICAL ROLLER THRUST BEARINGS & TAPERED CROSSED ROLLER BEARINGS**

# **TECHNICAL SPECIFICATIONS**



Available alternatives: please contact our engineering department for further explanations. Dimensional Precision: P4 (according to DIN 620) Rotation precision: P4 (P2 Class – according to DIN 620) Preload and standard radial clearance according to tables and drawings (except particular customer requests) Material of the rings: 100Cr6 (UNI 3097 – WNr. 1.3505) / 100CrMo7 (UNI 3097 – WNr.

1.3537) **SPECIAL PRODUCTS** 

On demand. For further information please contact our engineering department.

**GENERAL FEATURES** 

# **TECHNICAL SPECIFICATIONS**

and two rows & Slewing rings, two axial rows and one row of cylindrical rollers **Dimensional precision:** P0 (according to DIN 620) Rotation precision: P0 (according to DIN 620) customer requests)

Available alternatives: Slewing rings, one & two ball rows, Crossed roller slewing rings, one Preload and standard radial clearance according to tables and drawings (except particular

Material of the rings: C45 (UNI 7845 - WNr. 1.191) / 42CrMo4 (UNI 7845 - WNr. 1.7225) Heat treatment: Normalized or Hardened rings (Hardness 200 / 270 HB), local quenching on raceway (Surface hardness: 57 / 62 HRc)

- Not hardened or hardened inner or outer gear (Surface hardness 45 / 55 HRc,
  - Treated zone depth: according to the values of the gear)
  - Gear precision: please contact our engineering department.
  - For further information please contact our engineering department.

Designed and tested in Italy, made in outsourcing (Italy / Europe) Country of origin of materials: Italy / Europe

# STAINLESS STEEL ROLLING BEARINGS

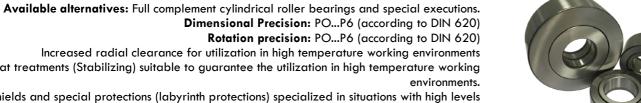
# **TECHNICAL SPECIFICATIONS**

Available alternatives: please contact our engineering department for further explanations. Material of the rings: AISI 420B, AISI 420C, AISI 440B & AISI 440C

Surface hardness: 55 / 56 HRc For further information please contact our engineering and design department.







SPECIAL TRACK ROLLERS FOR HANDLING IN HARSH ENVIRONMENTS

**TECHNICAL SPECIFICATIONS** 

Heat treatments (Stabilizing) suitable to guarantee the utilization in high temperature working environments. Shields and special protections (labyrinth protections) specialized in situations with high levels of impurity.

Special grease and lubricant for high working temperature. Material of the rings: 100Cr6 (UNI 3097 – WNr. 1.3505) / 100CrMo7 (UNI 3097 – WNr. 1.3537) / 20CrMo / 20CrMnTi

Surface hardness: 58 / 64 HRc For further information please contact our engineering department. **GENERAL FEATURES** 

Designed and tested in Italy, made in outsourcing (Italy / Europe) Country of origin of materials: Italy / Europe **APPLICATIONS** 

Blast furnace, furnace, cement industry.

### BEARINGS FOR ROLLING MILLS



### **TECHNICAL SPECIFICATIONS**

Available alternatives: Four rows radial cylindrical roller bearings, medium and big dimensions, angular contact ball bearing, tapered roller thrust bearings, two rows. **Dimensional precision:** PO...P5 (according to DIN 620) **Rotation precision:** PO...P4 (according to DIN 620) Preload and standard radial clearance according to tables and drawings (except particular customer requests) Material of the rings: 100Cr6 (UNI 3097 - WNr. 1.3505) / 100CrMo7 (UNI 3097 - WNr. 1.3537) / 20CrMo / 20CrMnTi Surface hardness: 58 / 64 HRc **SPECIAL PRODUCTS** On demand. For further information please contact our engineering department. **GENERAL FEATURES** 

Designed and tested in Italy, made in outsourcing (Italy / Europe) Country of origin of the materials: Italy / Europe

RADIAL CYLINDRICAL ROLLER BEARINGS, CYLINDRICAL ROLLER THRUST BEARINGS & ANGULAR CONTACT THRUST BALL BEARINGS

# **TECHNICAL SPECIFICATIONS**

SPECIAL PRODUCTS

Heat treatment: Hardening and Tempering - Surface hardness: 58 / 64 HRc

Designed and tested in Italy, made in outsourcing (Italy / Europe) Country of origin of materials: Italy / Europe

### BALLS SLEWING RING, CYLINDRICAL ROLLER SLEWING RING & CROSSED ROLLER SLEWING RING FOR TURNTABLES

**GENERAL FEATURES** 





