

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

SPECIAL TRACK ROLLERS FOR HANDLING IN HARSH ENVIRONMENTS

TECHNICAL SPECIFICATIONS

Available alternatives: Full complement cylindrical roller bearings and special executions.

Dimensional Precision: PO...P6 (according to DIN 620)

Rotation precision: PO...P6 (according to DIN 620)

Increased radial clearance for utilization in high temperature working environments
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

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

SPECIAL PRODUCTS

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)

Heat treatment: Hardening and Tempering - **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



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

TECHNICAL SPECIFICATIONS

Available alternatives: Slewing rings, one & two ball rows, Crossed roller slewing rings, one 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)

Preload and standard radial clearance according to tables and drawings (except particular customer requests)

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.

GENERAL FEATURES

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.

