

SPECIFICATION SHEET

Standard Specification And Quality Data

The values below are the standard specification rows recorded across the catalogue. Individual references may differ; the specification table on each product page is authoritative.

Materials

Grade	Type	Typical use
GCr15	Through hardening high carbon chrome steel	Standard rolling bearing rings and elements
GCr15SiMn	Higher hardenability variant	Large section rings requiring through hardening
Carburised grades	Case hardened	High shock loading, mill and rail applications
ZSnSb11Cu6	Babbitt alloy	Motor and generator slide bearings
Cast steel / ductile iron / cast iron	Housings and bodies	Split bearings and pillow blocks
NBR / FKM / silicone / PTFE	Sealing elastomers and polymers	Rotary shaft and hub oil seals

Precision Classes

ISO class	Approximate ABEC	Typical use
P0 normal	ABEC 1	General industrial, motors, gearboxes
P6	ABEC 3	Improved running accuracy, quieter motors
P5	ABEC 5	Secondary spindles, pumps
P4	ABEC 7	Machine tool main spindles
P2	ABEC 9	High accuracy grinding spindles

Cage Materials

Cage	Speed	Temperature	Shock	Typical use
Machined brass	High	High	Good	Large bore, mill, extruder
Pressed steel	Medium	Medium	Fair	General purpose
Machined steel	Medium	High	Very good	Four row tapered, thrust
Polyamide	High	Limited	Good	Motors, quiet running

Commercial Terms

Quality standard	ISO 9001 quality assurance system
Stock delivery	About 3 days from order confirmation
Produced delivery	About 20 to 25 days depending on the item
Packing	Wood boxes for heavy and large bore items; paper boxes for small parts
Preservation	Rust preventive wrapping inside the box
Freight	DHL, TNT, FedEx and other express; air, sea and rail
Payment terms	L/C, T/T, Western Union; PayPal on small orders
CAD files	Issued on request through WhatsApp or email