

MAINLAND BEARINGS

Industrial Bearing Product Catalog

36 core metric models · RFQ boundary dimensions · configuration and ordering guidance

Company	Shijiazhuang Mainland Import & Export Co., Ltd.
Supply scope	Deep groove ball, tapered roller and spherical roller bearings
Commercial support	OEM/ODM · flexible MOQ · FOB China · global export
Sales contact	Oliver Peng · oliver@mainlandbearing.com · +86 18732186058

CATALOG STATUS · RFQ BASELINE

This catalog does not publish unapproved performance values. Final mass, load ratings, speeds, chamfers, tolerance limits, clearance values and order suffixes are released against the selected Mainland configuration.

How to use this catalog

Built for industrial buyers, distributors and OEM engineers who need a clear starting point without confusing a common bearing designation with a fully approved product specification.

1 · Identify	Select bearing structure, base model and boundary dimensions.
2 · Configure	Specify closure, clearance, precision, cage, lubricant, marking and packaging.
3 · Validate	Share load, speed, temperature, fits, duty cycle, contamination and target life.
4 · Approve	Use the Mainland quotation, controlled drawing and technical sheet as the final order basis.

Technical data integrity

ISO 15 and ISO 355 establish dimensional plans; ISO 492 addresses geometrical product specifications and tolerances. ISO 281 and ISO 76 define methods for load ratings. Those standards do not make every manufacturer's bearing with the same designation technically identical. Internal geometry, materials, heat treatment, closures, cage and lubricant must be controlled before a value is released.

RFQ checklist

Application	Machine, shaft orientation, operating environment
Loads	Radial / axial loads, shock, duty cycle and target life
Speed & temperature	Continuous, peak and ambient / operating temperatures
Interfaces	Shaft and housing fits, runout, misalignment, mounting method
Commercial	Annual quantity, trial quantity, packing, destination and Incoterm

Deep Groove Ball Bearings

6000 Series models for distributor, OEM and industrial procurement RFQs.

Model	d mm	D mm	B/T mm	MOQ	Lead time
6000	10	26	8	From 100 pcs	15-25 working days
6001	12	28	8	From 100 pcs	15-25 working days
6002	15	32	9	From 100 pcs	15-25 working days
6003	17	35	10	From 100 pcs	15-25 working days
6004	20	42	12	From 100 pcs	15-25 working days
6005	25	47	12	From 100 pcs	15-25 working days
6006	30	55	13	From 100 pcs	15-25 working days
6007	35	62	14	From 100 pcs	15-25 working days
6008	40	68	15	From 100 pcs	15-25 working days
6200	10	30	9	From 100 pcs	15-25 working days
6201	12	32	10	From 100 pcs	15-25 working days
6202	15	35	11	From 100 pcs	15-25 working days
6203	17	40	12	From 100 pcs	15-25 working days
6204	20	47	14	From 100 pcs	15-25 working days
6205	25	52	15	From 100 pcs	15-25 working days
6206	30	62	16	From 100 pcs	15-25 working days
6207	35	72	17	From 100 pcs	15-25 working days
6208	40	80	18	From 100 pcs	15-25 working days

Configuration baseline

Precision	Normal class baseline; P6 only to approved inspection limits
Clearance	CN baseline; C3 optional after application review
Seal / closure	Open, 2Z/ZZ or 2RS
Cage	Pressed steel
Lubrication	General-purpose, low-noise, high- or low-temperature grease by review
Suffix menu	OPEN 2Z/ZZ 2RS C3 P6 grease code

Tapered Roller Bearings

30200 Series models for distributor, OEM and industrial procurement RFQs.

Model	d mm	D mm	B/T mm	MOQ	Lead time
30203	17	40	13.25	From 100 sets	15-25 working days
30204	20	47	15.25	From 100 sets	15-25 working days
30205	25	52	16.25	From 100 sets	15-25 working days
30206	30	62	17.25	From 100 sets	15-25 working days
30207	35	72	18.25	From 100 sets	15-25 working days
30208	40	80	19.75	From 100 sets	15-25 working days
30209	45	85	20.75	From 100 sets	15-25 working days
30210	50	90	21.75	From 100 sets	15-25 working days
30211	55	100	22.75	From 100 sets	15-25 working days

Configuration baseline

Precision	Normal class baseline; tighter limits by written agreement
Clearance	Axial setting defined in the mounted arrangement
Seal / closure	Open cone-and-cup set; external housing seal
Cage	Pressed steel
Lubrication	Preservative standard; operating lubricant by arrangement review
Suffix menu	complete set matched pair P6 target endplay private marking

Spherical Roller Bearings

22200 Series models for distributor, OEM and industrial procurement RFQs.

Model	d mm	D mm	B/T mm	MOQ	Lead time
22205	25	52	18	From 50 pcs	20-30 working days
22206	30	62	20	From 50 pcs	20-30 working days
22207	35	72	23	From 50 pcs	20-30 working days
22208	40	80	23	From 50 pcs	20-30 working days
22209	45	85	23	From 50 pcs	20-30 working days
22210	50	90	23	From 50 pcs	20-30 working days
22211	55	100	25	From 50 pcs	20-30 working days
22212	60	110	28	From 50 pcs	20-30 working days
22213	65	120	31	From 50 pcs	20-30 working days

Configuration baseline

Precision	Normal class baseline; tighter limits by written agreement
Clearance	CN baseline; C3/C4 after application review
Seal / closure	Open baseline; sealed variants require a separate dimensional check
Cage	Pressed steel or machined brass by approved design
Lubrication	Preservative standard; operating grease or oil selected by duty
Suffix menu	C3 C4 K W33 steel cage brass cage

Ordering code and suffix control

A base designation identifies a dimensional type, not a complete purchase specification. Write every required feature into the purchase order and confirm the exact Mainland suffix syntax in the quotation.

Structure	Example RFQ	What still needs confirmation
Deep groove ball	6204-2RS/C3	Seal material, grease, precision, noise grade, marking
Tapered roller	30206 complete set	Cup/cone set, target setting, tolerance, lubricant
Spherical roller	22210K/W33/C3	Internal design, cage, bore taper, groove/holes, clearance

Available production and export support

OEM / ODM	Marking, package artwork and special configuration after feasibility review
Quality records	Approved drawing, agreed inspection items and order-specific documents
Packaging	Neutral or private-label export packaging
Shipping	FOB China quotations; other terms reviewed by destination and order size

Request a controlled quotation

Send your model list, quantities, application conditions and target delivery date. Mainland will return the confirmed order code, technical release scope, MOQ, lead time, packaging and commercial terms.

Contact	Oliver Peng
Email	oliver@mainlandbearing.com
WhatsApp	+86 18732186058
Website	https://mainlandbearing.com
Company	Shijiazhuang Mainland Import & Export Co., Ltd.
Location	Shijiazhuang, Hebei, China

Final specifications and commercial terms are confirmed with each quotation. This catalog is an RFQ planning document, not a certificate of performance or manufacturing drawing.