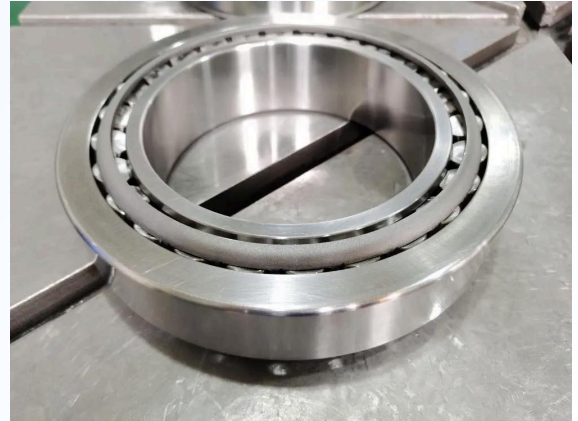


METRIC TAPERED ROLLER BEARING SERIES

320 Series Single Row Tapered Roller Bearings

320 series single row tapered roller bearings are designed with metric standard dimensions and compact axial width. They are widely used in gearboxes, reducers, wheel assemblies, transmission systems, and industrial replacement applications requiring combined radial and axial load support.



✓ **Metric 320 Series**

✓ **Compact Width**

✓ **Standard Sizes**

✓ **Gearbox Applications**

Compact Metric Sizes

Narrow and compact bearing dimensions help save axial space while maintaining reliable load carrying performance.

Combined Load Support

The tapered roller design supports radial loads and axial loads in one direction, making it suitable for transmission and wheel systems.

Replacement & Custom Supply

TEDIN supplies standard 320 series bearings and customized variants according to drawing, sample, or replacement code.

Product Overview

Single row tapered roller bearings consist of an inner ring assembly with rollers and cage, and a separable outer ring. This separable construction allows easier installation, adjustment, inspection, and replacement in mechanical assemblies.

The 320 series is suitable for compact arrangements where standard metric boundary dimensions and stable axial positioning are required. These bearings are often mounted in pairs when axial location is needed in both directions.

Typical Applications

Industrial gearboxes

Reducers

Wheel assemblies

Transmission systems

Construction machinery

Agricultural machinery

Mining equipment

Rolling mill equipment

Custom machinery projects

Technical Features

TEDIN 320 series tapered roller bearings are available in common metric sizes from small bore diameters to large industrial sizes. Special suffixes such as X, X2, DB, DF, YA, and customized arrangements can be supplied according to project requirements.

For high-load, paired, or special clearance applications, please confirm bearing code, dimensions, cage type, clearance, precision grade, and lubrication requirements with TEDIN technical support before final order placement.

— 320 Series Bearing Parameter Table

OLD CODE	BEARING CODE	D MM	D MM	H / T MM	WEIGHT KG
2007104E	32004X	20	42	15	0.097
—	320/22X	22	44	15	0.102
2007105E	32005X	25	47	15	0.116
—	320/28X	28	52	16	0.145
2007106E	32006X	30	55	17	0.172
—	320/32X	32	58	17	0.190
2007107E	32007X	35	62	18	0.224
2007108E	32008X	40	68	19	0.267
2007109E	32009X	45	75	20	0.337
2007110E	32010X	50	80	20	0.366
2007111E	32011X	55	90	23	0.551
2007112E	32012X	60	95	23	0.584
2007113E	32013X	65	100	23	0.620
2007114E	32014X	70	110	25	0.839
2007115E	32015X	75	115	25	0.875
2007116E	32016X	80	125	29	1.27
2007117E	32017X	85	130	29	1.32
2007118E	32018X	90	140	32	1.72
2007119E	32019X	95	145	32	1.80
2007120E	32020X	100	150	32	1.78
2007120	32020X2	100	150	32.4	1.79
—	32020X2/DF/YA	100	150	64	3.57
2007121E	32021X	105	160	35	2.35
—	32020X2/YA	105	160	35.4	2.34
2007122E	32022X	110	170	38	3.02
—	32022	110	170	38	3.01
—	32022/DB	110	170	86	6.3
2007124E	32024X	120	180	38	3.35
2007126E	32026X	130	200	45	5.15
2007128E	32028	140	210	45	5.14
2007128E	32028X	140	210	45	5.14
2007130E	32030X	150	225	48	6.45
2007132E	32032X	160	240	51	7.40
—	32032X2	160	240	51.5	7.41
2007134E	32034	170	260	57	10.5

— 320 Series Bearing Parameter Table

OLD CODE	BEARING CODE	D MM	D MM	H / T MM	WEIGHT KG
2007134E	32034X	170	260	57	10.5
—	32036	180	280	64	14
2007136E	32036X	180	280	64	14
2007138E	32038X	190	290	64	15.6
2007140E	32040X	200	310	70	21.2
2007144E	32044X	220	340	76	29.1
—	32048	240	360	76.5	23.8
—	32048X2A	240	360	76	23.8
—	32048X2AT171/DBCR275	240	360	171	53.2
—	32052X2	260	400	87.7	153
2007156	32056X	280	420	87	48.5
2007160	32060X	300	460	100	55.5
—	32060X2	300	460	100.7	55.9
2007164	32064X	320	480	100	58.6
2007164	32064X2	320	480	100.7	59

Need more 320 series bearing models? If the bearing code you need is not listed in this catalog, please contact TEDIN for custom sizes, replacement codes, paired bearing arrangements, technical confirmation, and quotation support.

— Ordering Information

When sending an inquiry, please provide bearing code, quantity, application, working speed, load condition, required precision grade, clearance, cage type, and any special suffixes or drawings if available.

TEDIN can support standard metric 320 series bearings, non-standard customized tapered roller bearings, matched pairs, and replacement solutions for gearbox, reducer, and industrial equipment maintenance.

Contact TEDIN Bearings

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