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IATF 16949 CERTIFIED COMPANY

TURBO manufacturing facilities are accredited with IATF 16949 certification. This certification recognizes the quality management system of **TURBO**, its quality vision and well maintained quality standards. The company's focus on quality is reflected in its manufacturing philosophy, which continuously upgrades process and procedures effectively at each stage of production, to ensure enhanced bearing performance.

Quality Control

Metallurgical Microscope:

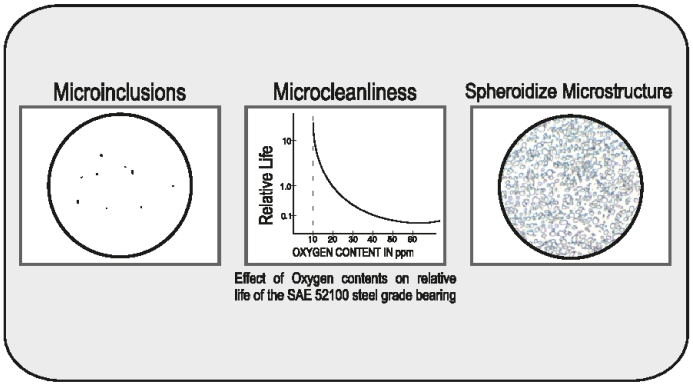
TURBO uses high quality bearing steel SAE 52100 or 100 Cr6 of internationally acceptable grade to make the bearing components. All bearing components are inspected by **German Make Leica metallurgical microscope** to ensure macro and micro structure as per SEP 1520 German specification chart. High resolution HD camera-FLEXACAM C3, is connected to microscope to interface it with image analyzing software to catch, analyze and share high quality digital images. Microstructure inspection is carried out to maintain consistent quality as per standard norms considering the following parameters:

- Spheroidized structure
- Amount of perlite
- Inclusion rating
- Carbide network
- Carbide streaks (bandings)

Micro Structure :

The grade of steel used is SAE-52100 / 100 Cr6 (modified) bearing steel of international acceptability.

Bearing steel is used only after ensuring macro (for non metallic inclusion rating/cleanliness) and microstructure, as per standard specifications to ensure the long life of bearings.



Effect of Oxygen contents on relative life of the SAE 52100 steel grade bearing

Profile Projector :

We have profile projector, which is used for checking and controlling the profile of relief grooves, butting radius etc., at turning stage.

Quality Control

Metrology Lab - Universal Length Measuring Machine :

TURBO has installed a Universal Length Measuring machine from TRIMOS - Switzerland. It is used to calibrate the bearing components as per designed dimensions. This machine gives absolute value of internal dimensions, external dimensions and angle of rings and rollers, measured as per international standards.

Standards Room :

Our Standards Room has all the facilities of quality appraisal equipment, such as TALYROND - Roundness Testing machine, FORM TALYSURF - profile and surface finish testing machine, imported from world renowned make - Taylor Hobson, U.K.

We also have other inspection facilities, such as Bearing Eccentricity Tester, Dial Calibration Instrument, Residual Magnetism Tester etc.

Quality Control

Talyrond :

We have latest version of Talyrond from Taylor Hobson Ltd. (U.K.). This world renowned quality appraisal equipment is used for checking the roundness, squareness, concentricity, cylindricity, flatness and coaxiality of bearing components, which ensures running accuracy for longevity of **TURBO** bearings.

Form Talysurf :

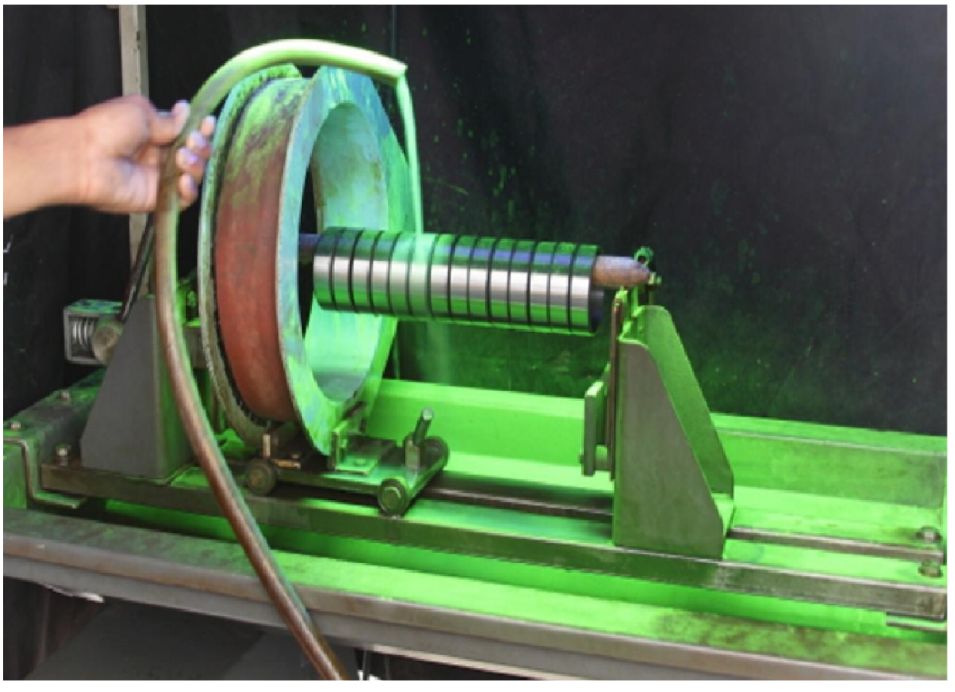
We have latest version of Form Talysurf from world famous Taylor Hobson Ltd. (U.K.). This machine is used for checking Micro geometry. It evaluates parameters like Form geometry and surface finish of components. This control helps for improving the quality and product performance in the field. Our R& D continuously makes improvements in these accuracy parameters of races & rolling elements to enhance field performance of **TURBO** bearings.

Quality Control

Bearing Noise Level & Vibration Tester :

We have imported noise level testing machines, which are used for checking the noise & vibration of ball and roller bearings. These equipments have low band, medium band and high band vibration measuring facility, which enables to identify the control of quality parameters of various bearing components. They help in upgrading the bearing performance.

Magnetic Crack Detection :



We have Magnetic Particle Inspection (MPI Testing) Machine, which is widely used for non-destructive testing of the bearing components to identify the surface cracks. The test is performed by spreading fine Ferrous-oxide particles with high magnetic permeability (mixed with a liquid media) over the surface of the test part & simultaneously magnetizing the component with a strong magnetic field created by passing an electric current through a coil. The Ferrous oxide particles are attracted to the leakage field (crack), which can be visually detected under the Ultra Violet lighting. This test is fast and reliable process, where indication of surface defects is visible directly on the test piece surface.

Research & Developments

Design & Development Department :

TURBO has well established Design and Development Department for designing of product and tooling.

TURBO has Design experts with long and rich experience. Design & Development activities are carried out using latest software. The R&D department of the company is with collaborative & flexible approach & always responds to customer needs innovatively. We offer optimum lead time to develop new and customized products.

Bearing Endurance & Life Testing Machine :

We have imported Bearing Endurance (Life) Testing Machines. These machines are suitable for testing Radial Bearings & Tapered Roller Bearings. These machines are equipped with programmable controls & monitoring systems to monitor vibration level, temperature and speed of Bearings under test.

These machines test the bearings under aggravated loads & speeds in line with the life requirements in the field application. With these machines, we ensure that actual life of **TURBO** bearings is higher than designed rated life of the bearings.

Duplex - Face Grinding Machine - Gardner (USA) Make:

The face grinding is the first process in the PFC of bearing parts. The ground face generated after this process is the reference for all subsequent grinding processes & stands as a reference for achieving the accuracies at every stage. We control a close accuracy of Face flatness & parallelism between two side faces, using the world renowned machine for this process, Gardner (USA). This machine is fitted with through feed system and have high productivity and very high accuracy

OD Centerless Grinding Machine - WMW Microsa (Germany) Make :

The OD grinding process is carried out using imported machine of reputed make, Microsa (Germany). The OD is the reference diameter for the next stage of raceway grinding, where the grinding is done with shoe centerless system. S o the OD accuracy helps in building a good accuracy on raceway as well.

Manufacturing Technology

Automatic, Fully Inter-Connected, Versatile Grinding Line
TOYO (Japan) CNC Grinding & Thielenhaus (Germany) Super Finishing Machines :

TURBO has installed automatic manufacturing lines for Tapered and Cylindrical Roller Bearing races. The grinding machines are from world renowned machine manufacturing company TOYO (Japan) and super-finishing machines from world famous Thielenhaus Technologies (Germany).

The grinding machines have CNC program to achieve logarithmic profile for Inner ring raceway and crowned profile for Inner ring Lip and Outer ring raceway.

The super-finishing machines have program for super-finishing of Outer Ring raceway with crowning, Inner Ring Lip with crowning and Inner ring raceway for logarithmic profile.

Manufacturing Technology

Automatic, Fully Inter-Connected Tapered / Cylindrical Roller Bearing Grinding & Super-Finishing Line :

Automatic, Fully Inter-Connected Ball Bearing Grinding & Super-Finishing Line :

TURBO has installed fully automatic, inter-connected manufacturing lines with CNC grinding as well as CNC super-finishing machines for Tapered Roller Bearings, Cylindrical Roller Bearings as well as for Ball bearings. The lines are equipped with In-process gauges as well as post process gauge for consistent quality. Size and geometrical tolerances are achieved with high accuracies.

Manufacturing Technology

Thielenhaus (Germany)
Make Ring Super-Finishing Machines :

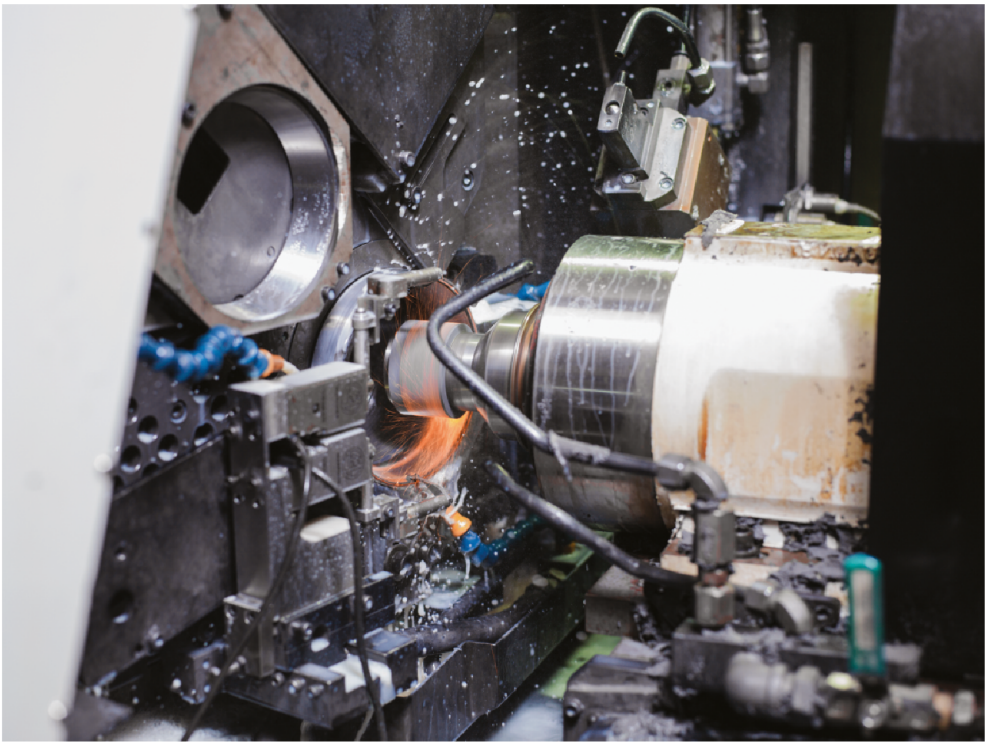
TURBO has excellent super-finishing machines of THIELENHAUS (German Technology) to achieve high degree of surface-finish accuracy of raceways and lip. These machines are equipped with special cycle to generate logarithmic profile.

SUPFINA (German Make)
Roller Super-Finishing Machines :

TURBO has world renowned super-finishing machines from Supfina (Germany) for super-finishing of rollers, which gives improved surface finish on roller with cambered profile - a unique feature with supfina machines.

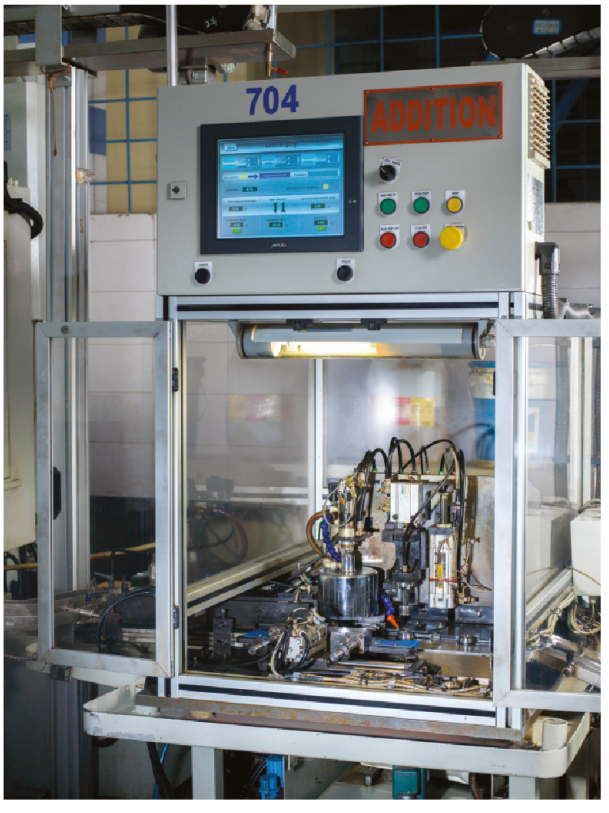
Manufacturing Technology

Each Machine Has An On-Line Marposs (Italy) / Pulcon (Japan) Gauge Controls :



All of our CNC machines are equipped with controls of an In-process gauge (IPG) of reputed make of Marposs-Italy / Pulcom-Japan. The component is continuously measured during the grinding process by IPG system, which ensures perfect size control in extremely small dimensional tolerances - in the middle of the tolerance zone and thus helps in achieving zero defect target.

Post Process Marposs (Italy) Gauge Controls :



Each of our CNC Automatic manufacturing lines are equipped with Marposs (Italy make) post process gauging equipments. This is automatic inspection machine, which prevents acceptance of any defective part and prevents them passing on to the next operation. Hence, it ensures zero defect supplies to customer.

These machines have computerised facility to store and analyze the inspection results for monitoring the process by statistical quality control (SQC). The screen shows X-BAR and R-Charts (mean and range charts). Through continuous observations of Cp and Cpk values, we ensure that process is stable and quality is controlled within very close tolerance range.

This equipment has facility to provide on-line feedback to the In-process gauges of the grinding machines, based on the actual and continuous observations of the parts manufactured (Feedback Loop). This feedback helps control of subsequent components within specified limit. Thus, this equipment not only monitors the process (SQC), but also improves the process (SPC).

Manufacturing Technology

Automatic, Fully Inter-Connected Tapered Roller Bearing Assembly Line :

Our fully automatic assembly line includes demagnetising, washing, inspection for dimensional as well as visual parameters (roller missing), Vibration Testing, Laser Marking, drying and oiling. All these operations are fully automatic and inter-connected. The dimensional inspection is carried out by PULCOM (Japan make) gauges. Our assembly operations are carried out in a complete enclosure and dust-free environment.

Bearing Laser Marking Machine - IPG (Germany) Make :

TURBO has Laser marking machines (IPG - German Make), which apart from marking the bearing number, also used for marking the Batch code (month and year code) on the bearings. This ensures the traceability of **TURBO** bearings up to field life.

Features

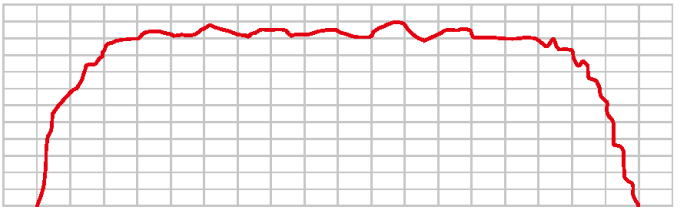
TURBO - Profile type Tapered roller bearings :

Tapered Roller Bearings with **TURBO** Profile (similar to logarithmic profile) are specially designed for automotive application, considering road, operating and environment conditions. We are always focusing on the parameters which increase the performance/life of bearings. We regularly carry out several improvements in material, design and manufacturing processes, including geometrical accuracies and profile of raceways. The logarithmic type profile results in avoiding edge loading on the raceways.

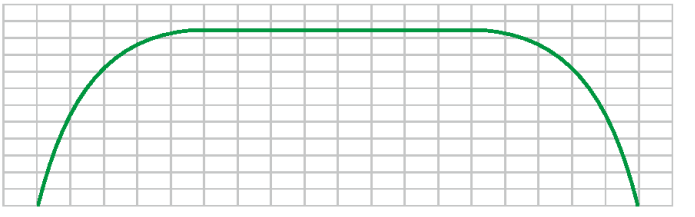
TURBO - Profile type bearings having inimitable feature & benefits :-

- Improved load carrying capacity
- Reduced friction and initial torque
- Reduced preload problem
- Reduced wear and maintenance
- Reduced failure in misalignment
- Increased bearing service life
- Improved operating reliability

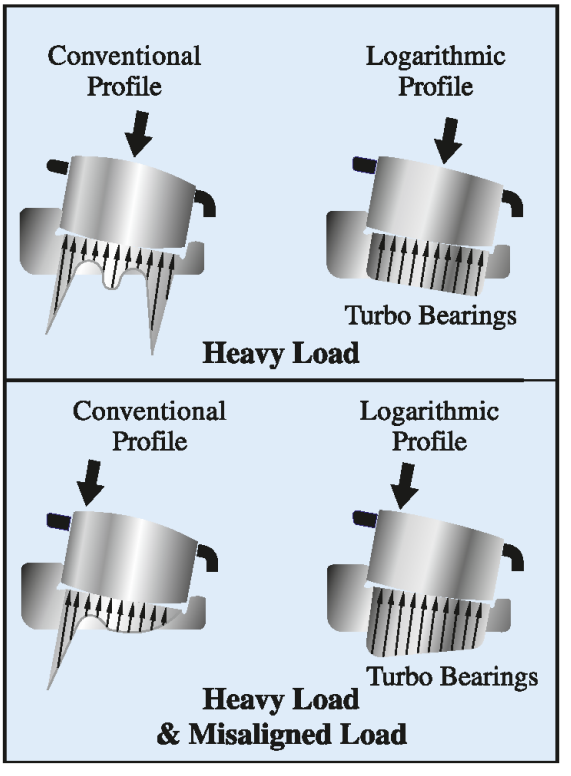
NON-OPTIMISED RACEWAY SURFACE



LOGARITHMIC TRACK ON TAPER ROLLER BEARING INNER RACEWAY SURFACE

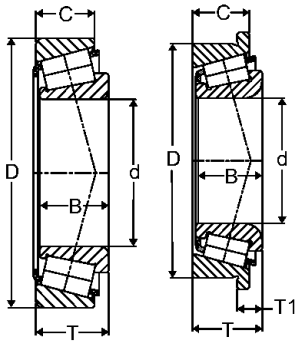


TURBO - Profile Type Tapered Roller Bearings, LOAD DISTRIBUTION -



Benefits of Turbo Bearings - Logarithmic profile :

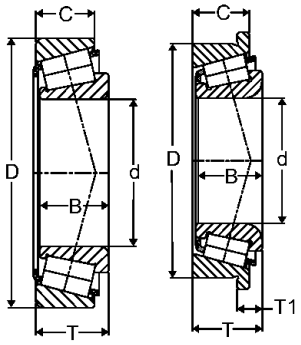
- This profile is superior to conventional profile
- Results in uniform stress distribution
- Reduced peak stress during shock load
- Better performance under critical operating conditions where heavy load and considerable misalignment pertains
- Improved load carrying capacity
- Reduced edge stress at raceways



TURBO® BEARINGS

Tapered Roller Bearings - Metric Series

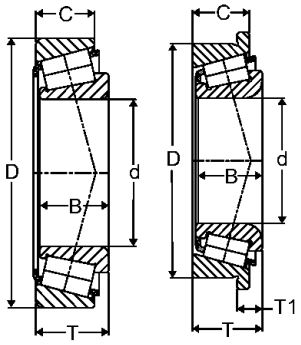
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
1	30302	15.000	42.000	13.000	11.000	14.250	-	0.940
2	30203	17.000	40.000	12.000	11.000	13.250	-	0.080
3	31303	17.000	47.000	14.000	10.500	15.250	-	0.130
4	12303-T	18.000	47.000	14.500	12.000	15.250	-	0.145
5	32004X	20.000	42.000	15.000	12.000	15.000	-	0.100
6	30204	20.000	47.000	14.000	12.000	15.250	-	0.133
7	32204	20.000	47.000	18.000	15.000	19.250	-	0.160
8	30304	20.000	52.000	15.000	13.000	16.250	-	0.170
9	32304	20.000	52.000	21.000	18.000	22.250	-	0.230
10	528935 (SKF=1861071, FERSA=F15089)	22.000	47.000	19.500	12.000	20.750	-	0.150
11	32005X	25.000	47.000	15.000	11.500	15.000	-	0.110
12	32005V	25.000	47.000	15.000	11.500	15.000	-	0.103
13	TT 25521 (FERSA=F15422)	25.000	52.000	15.000	13.000	16.250	-	0.150
14	30205	25.000	52.000	15.000	13.000	16.250	-	0.160
15	33205	25.000	52.000	22.000	18.000	22.000	-	0.217
16	TT 25541 (FERSA=F15196, NTN=ETA CR 05A22STPX1)	25.000	54.000	15.000	15.500	18.750	9.250	0.210
17	TT 25551(FERSA=F15315, TIMKEN =NP 854792/NP 430273)	25.000	55.000	13.600	9.700	13.750	-	0.145
18	TT 25621 (FERSA=F15313, SNR=EC 42226, TIMKEN=NP417384/Y30206M)	25.000	62.000	16.000	14.000	17.250	-	0.260
19	30305	25.000	62.000	17.000	15.000	18.250	-	0.275
20	32206/25 (FERSA=F15479,SNR=EC 35483)	25.000	62.000	20.000	17.000	21.250	-	0.330
21	32305	25.000	62.000	24.000	20.000	25.250	-	0.370
22	TT 25661 (FERSA=F15316, SNR=EC42228S01, TIMKEN=NP868033/NP666556)	25.000	66.000	22.000	17.000	22.050	-	0.400
23	TT 2762 (FERSA=F15312, TIMKEN=NP 806712/NP 326808)	27.000	62.000	22.500	14.000	17.250	6.700	0.290
24	303/28	28.000	68.000	18.000	16.000	19.750	-	0.345
25	32006X	30.000	55.000	17.000	13.000	17.000	-	0.170
26	TT 30551 (FERSA=F15311, FAG=F-568895. TR1, TIMKEN=NP765903/NP919474)	30.000	55.000	17.000	13.000	17.000	7.000	0.175



TURBO® BEARINGS

Tapered Roller Bearings - Metric Series

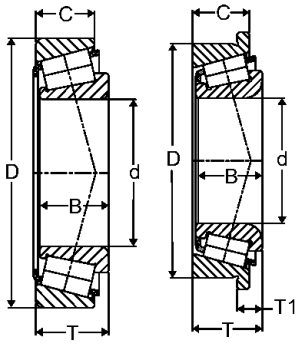
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
27	**30206**	30.000	62.000	16.000	14.000	17.250	-	0.230
28	**TT 3062 (FERSA=F15309, SKF=BT1-0222 A/QVA621+32)**	30.000	62.000	20.000	14.000	20.000	-	0.290
29	**32206 B**	30.000	62.000	20.000	17.000	21.225	-	0.293
30	**32206**	30.000	62.000	20.000	17.000	21.250	-	0.282
31	**33206**	30.000	62.000	25.000	19.500	25.000	-	0.350
32	**31306 (30306D, ISO=T7FB030)**	30.000	72.000	19.000	14.000	20.750	-	0.395
33	**30306**	30.000	72.000	19.000	16.000	20.750	-	0.402
34	**32306**	30.000	72.000	27.000	23.000	28.750	-	0.583
35	**BT1B 329154/Q/CL7C CONE ASSY. (FERSA=F15213, SKF=VKT 8957)**	32.000	-	33.000	-	-	-	0.418
36	**320/32X**	32.000	58.000	17.000	13.000	17.000	-	0.180
37	**32007XR**	35.000	62.000	18.000	14.000	18.000	-	0.220
38	**32007X**	35.000	62.000	18.000	14.000	18.000	-	0.224
39	**30207**	35.000	72.000	17.000	15.000	18.250	-	0.320
40	**32207C**	35.000	72.000	23.000	18.000	24.250	-	0.440
41	**32207**	35.000	72.000	23.000	19.000	24.250	-	0.450
42	**TT 35721 (FERSA=F15197, TIMKEN=NP 353549/NP 673396)**	35.000	72.000	23.500	19.000	24.000	-	0.445
43	**33207**	35.000	72.000	28.000	22.000	28.000	-	0.535
44	**30307**	35.000	80.000	21.000	18.000	22.750	-	0.530
45	**32307**	35.000	80.000	31.000	25.000	32.750	-	0.797
46	**CR-08A19PXI/CR-08A75PXI**	38.000	80.000	22.000	16.000	24.000	-	0.515
47	**32308B/38.1 (FAG=Z-543805, FERSA=F15157)**	38.100	90.000	33.000	27.000	35.250	-	1.077
48	**TT 40001 CONE ASSY. (SKF=RBT1B 328915, FAG=576503, FERSA=F15150 A)**	40.000	-	38.000	-	-	-	0.675
49	**32008X**	40.000	68.000	19.000	14.500	19.000	-	0.280
50	**TT 40681 (FERSA=F15310, SKF=32008 X/QVA621+BT1-0)**	40.000	68.000	19.000	14.500	19.000	8.000	0.290
51	**33108**	40.000	75.000	26.000	20.500	26.000	-	0.500
52	**30208**	40.000	80.000	18.000	16.000	19.750	-	0.454
53	**32208**	40.000	80.000	23.000	19.000	24.750	-	0.530
54	**33208**	40.000	80.000	32.000	25.000	32.000	-	0.717
55	**31308 (30308D, ISO=T7FB040)**	40.000	90.000	23.000	17.000	25.250	-	0.730
56	**30308**	40.000	90.000	23.000	20.000	25.250	-	0.720
57	**YSA30308R**	40.000	90.000	23.000	20.000	25.250	10.250	0.770



TURBO® BEARINGS

Tapered Roller Bearings - Metric Series

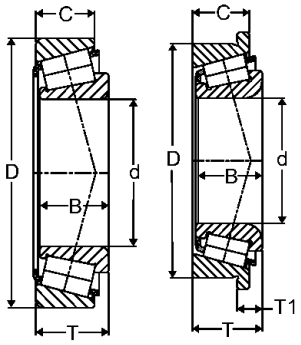
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
58	**32308**	40.000	90.000	33.000	27.000	35.250	-	1.070
59	**32308B**	40.000	90.000	33.000	27.000	35.250	-	1.070
60	**TT 40901 (FERSA=F15117, SKF=BT1-0097C)**	40.000	90.000	39.000	22.500	28.750	-	0.969
61	**BT1-0377 / BT1-10097F**	40.000	90.000	40.350	22.500	28.750	-	0.985
62	**331257**	40.000	95.000	25.000	19.000	27.300	-	0.930
63	**323/42**	42.000	100.000	36.000	30.000	38.250	15.250	1.450
64	**32009X**	45.000	75.000	20.000	15.500	20.000	-	0.340
65	**JXC 25370 CA/JXC 25370 DA**	45.000	75.000	20.000	15.500	20.000	-	0.335
65	**33109**	45.000	80.000	26.000	20.500	26.000	-	0.550
66	**30209**	45.000	85.000	19.000	16.000	20.750	-	0.465
67	**32209**	45.000	85.000	23.000	19.000	24.750	-	0.580
68	**33209**	45.000	85.000	32.000	25.000	32.000	-	0.820
69	**JXC18439 CA/JXC18439 DA**	45.000	85.000	32.000	25.000	32.000	-	0.761
70	**TT 45881 (FERSA=F15314, TIMKEN=NP238750/NP929800)**	45.000	88.000	17.500	12.900	16.750	-	0.470
71	**F-571752 (FERSA=F15382, FAG=F-571752.03.TR1-DY-H)**	45.000	88.000	17.500	12.900	16.750	-	0.480
72	**32210/45**	45.000	90.000	23.000	19.000	24.750	-	0.737
73	**31309 (30309D, ISO=T7FB045)**	45.000	100.000	25.000	18.000	27.250	-	0.960
74	**30309**	45.000	100.000	25.000	22.000	27.250	-	0.990
75	**32309**	45.000	100.000	36.000	30.000	38.250	-	1.350
76	**Tt451101 (FERSA=F15161, TIMKEN=JXC 25690 C/ JXC 25690DC)**	45.000	110.000	27.000	23.000	29.250	12.000	1.385
77	**ETA-CIR-1006.1 CONE ASSY. (FERSA=F15244)**	50.000	-	41.000	-	-	-	0.730
78	**ETA-CIR-1010.1 CONE ASSY. (FERSA=F15113)**	50.000	-	41.275	-	-	-	1.200
79	**32010X**	50.000	80.000	20.000	15.500	20.000	-	0.375
80	**33010**	50.000	80.000	24.000	19.000	24.000	-	0.450
81	**33110**	50.000	85.000	26.000	20.000	26.000	-	0.580
82	**30210**	50.000	90.000	20.000	17.000	21.750	-	0.540
83	**32210**	50.000	90.000	23.000	19.000	24.750	-	0.672
84	**33210**	50.000	90.000	32.000	24.500	32.000	-	0.870
85	**31310 (ISO=T7FB050)**	50.000	110.000	27.000	19.000	29.250	-	1.200
86	**31310 M**	50.000	110.000	27.000	19.000	29.250	15.250	1.233
87	**30310**	50.000	110.000	27.000	23.000	29.250	-	1.225



TURBO® BEARINGS

Tapered Roller Bearings - Metric Series

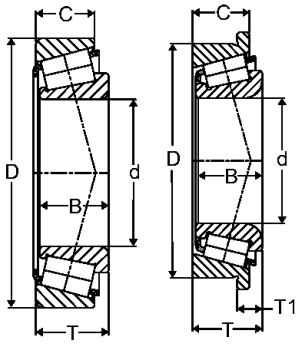
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
88	32310	50.000	110.000	40.000	33.000	42.250	-	1.800
89	33211/50.8 (FERSA=F15047, FAG=522380/33211, SKF=331305A/Q, SKF=VKT 8886, TIMKEN=XGA 33211)	50.800	100.000	35.000	27.000	35.000	-	1.237
90	ETA-CIR-1012 CONE ASSY. (FERSA=F15333)	52.000	-	24.000	-	-	-	0.665
91	ETA-CIR-1104 CONE ASSY. (FERSA=F15111, KOYO=ST 4276 C/A)	55.000	-	29.750	-	-	-	0.720
92	TT 55001 CONE ASSY. (FERSA=F15269, NTN=ETA-CIR-1106)	55.000	-	29.800	-	-	-	0.760
93	32011 X/VB206	55.000	90.000	23.000	17.500	23.000	-	0.560
94	32011X	55.000	90.000	23.000	17.500	23.000	-	0.563
95	33011	55.000	90.000	27.000	21.000	27.000	-	0.680
96	33111R (FERSA=F15323, FAG=805189)	55.000	95.000	30.000	23.000	30.000	-	0.840
97	33111	55.000	95.000	30.000	23.000	30.000	-	0.897
98	30211	55.000	100.000	21.000	18.000	22.750	-	0.675
99	32211	55.000	100.000	25.000	21.000	26.750	-	0.830
100	33211	55.000	100.000	35.000	27.000	35.000	-	1.200
101	ECO 33212.1/ECO CR-1187.1 (FERSA=F15332, NTN=33212.1/ECO CR-1187.1)	55.000	110.000	38.000	29.000	38.000	16.000	1.750
102	ECO CR11A12.1/ECO CR-1187.1	55.000	110.000	40.000	29.000	40.000	18.000	1.815
103	32310/55	55.000	110.000	40.000	33.000	42.250	-	1.700
104	31311 (30311D, ISO=T7FB055, SKF=VKT 8759)	55.000	120.000	29.000	21.000	31.500	-	1.550
105	30311	55.000	120.000	29.000	25.000	31.500	-	1.660
106	30215/55	55.000	130.000	25.000	22.000	27.250	-	1.770
107	TT 551301	55.000	130.000	51.000	27.000	35.250	14.250	2.480
108	TT 551401 (FERSA=F15256, FAG=805097)	55.000	140.000	45.000	32.000	45.000	-	3.689
109	30216/57.150 (TIMKEN=NP 988748/NP 247732, FERSA=F15133)	57.165	140.000	26.150	22.000	28.250	-	1.651
110	32012X	60.000	95.000	23.000	17.500	23.000	-	0.600
111	CR 1252L	60.000	95.000	26.000	21.000	26.000	-	0.692
112	33012	60.000	95.000	27.000	21.000	27.000	-	0.680



TURBO® BEARINGS

Tapered Roller Bearings - Metric Series

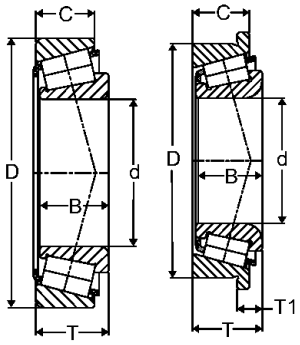
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
113	33112R (FERSA=F15258,SKF=331474/Q, FAG=523361)	60.000	100.000	30.000	23.000	30.000	-	0.900
114	33112	60.000	100.000	30.000	23.000	30.000	-	0.910
115	30212	60.000	110.000	22.000	19.000	23.750	-	0.950
116	32212	60.000	110.000	28.000	24.000	29.750	-	1.180
117	X32212	60.000	110.000	28.000	24.000	29.750	-	1.186
118	32212 WSL (FERSA=F15347, FAG = F-580794.TR1)	60.000	110.000	28.000	24.000	29.750	-	1.160
119	ECO CR-12A17.1 (FERSA=F15334)	60.000	110.000	34.000	26.500	34.000	-	1.400
120	33212	60.000	110.000	38.000	29.000	38.000	-	1.523
121	33212 WSL (FERSA=F15348, FAG =F-580791.TR1, SKF=VKT 9010)	60.000	110.000	38.000	29.000	38.000	-	1.530
122	T5ED060 (FERSA=F15273,FAG=F-581541)	60.000	115.000	38.000	31.000	39.000	-	1.800
123	F-558841.01 (FERSA=F15346, FAG=558841.04.LTR1)	60.000	115.000	38.000	31.000	40.000	-	1.795
124	31312 (30312D, ISO=T7FB060, SKF=VKT8754, TIMKEN=SET 1035)	60.000	130.000	31.000	22.000	33.500	-	1.900
125	30312	60.000	130.000	31.000	26.000	33.500	-	2.030
126	30312R	60.000	130.000	31.000	26.000	33.500	-	1.940
127	ECO CR-12A06.1	60.000	130.000	31.000	26.250	33.800	-	1.985
128	TT 601303 (FERSA=F15245)	60.000	130.000	31.000	26.250	33.800	-	1.990
129	XFA 32215/ YSA 32215 R	60.000	130.000	31.000	27.000	33.250	12.250	2.150
130	32312	60.000	130.000	46.000	37.000	48.500	-	2.970
131	32312 B	60.000	130.000	46.000	37.000	48.500	-	3.040
132	TT 601301 (FERSA=F15192, FAG=805046/801464)	60.000	130.000	49.000	27.000	33.250	12.250	2.371
133	TT 601302 (FERSA=F15298, FAG=563007/801464)	60.000	130.000	51.000	27.000	35.250	14.250	2.445
134	31312L	60.000	135.000	31.000	22.000	33.500	-	2.120
135	TT 65001 CONE ASSY. (FERSA=F15134, TIMKEN=JXC 19089 DA)	65.000	-	31.000	-	-	-	1.415



TURBO® BEARINGS

Tapered Roller Bearings - Metric Series

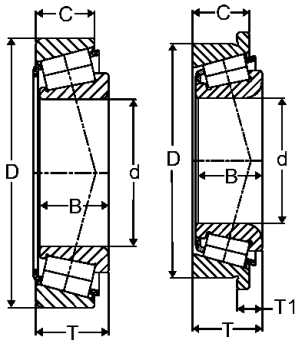
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
136	33013	65.000	100.000	27.000	21.000	27.000	-	0.717
137	33113	65.000	110.000	34.000	26.500	34.000	-	1.280
138	30213	65.000	120.000	23.000	20.000	24.750	-	1.160
139	32213	65.000	120.000	31.000	27.000	32.750	-	1.600
140	32213UXI	65.000	120.000	31.000	27.000	32.750	-	1.600
141	33213	65.000	120.000	41.000	32.000	41.000	-	2.010
142	31313 (30313D, ISO=T7GB065, SKF=VKT 8761)	65.000	140.000	33.000	23.000	36.000	-	2.350
143	30313	65.000	140.000	33.000	28.000	36.000	-	2.600
144	NP 881387/NP 304907 (FERSA=F15265, SNR=HDT006)	65.000	140.000	33.000	28.000	36.000	13.500	2.460
145	32313	65.000	140.000	48.000	39.000	51.000	-	3.530
146	509333 A (FERSA=F15082,SKF=330633 C)	65.000	145.000	32.950	23.000	36.000	-	2.480
147	77213L	65.000	145.000	36.500	26.500	39.500	-	2.850
148	30314/65 (FERSA=F15119,FAG=568980, SKF=BT1B 328406 A / 3031, SKF=VKT 8718)	65.000	150.000	35.000	30.000	38.000	-	3.120
149	567171	65.000	150.000	47.500	35.000	50.000	-	4.065
150	TT 651521 (FERSA=F15253, FAG=801794 B)	65.000	152.000	45.500	35.000	48.000	-	4.448
151	31313/165(FAG=540669, FAG=540669.TR1PW, SKF=332532/CL7A, SKF=BT1B332532/CL7A, FERSA=F15183)	65.000	165.000	33.000	23.000	36.000	-	3.373
152	TT 651651 (FAG=542245, FAG=575725.F51, SKF=BT1B 332600, FERSA=F15159)	65.000	165.000	36.650	25.500	40.000	-	3.850
153	BT1-0332	68.000	140.000	46.000	27.000	49.500	-	2.950
154	32014X	70.000	110.000	25.000	19.000	25.000	-	0.825
155	30214	70.000	125.000	24.000	21.000	26.250	-	1.225
156	32214	70.000	125.000	31.000	27.000	33.250	-	1.680
157	33214	70.000	125.000	41.000	32.000	41.000	-	2.120
158	TT701301R (FAG=528983, FAG=528983 B, SKF=331933, SKF=VKHB 2132, FERSA=F15051R)	70.000	130.000	56.000	35.000	57.000	-	2.820



TURBO® BEARINGS

Tapered Roller Bearings - Metric Series

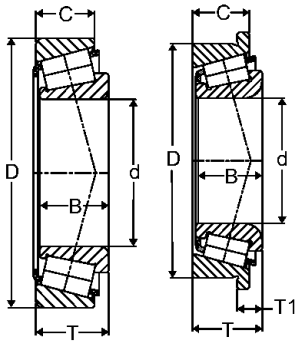
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
159	TT701301C (FAG=534565 SKF=332330 SKF=VKHB 2071 TIMKEN=SET 1301 FERSA=F15051C)	70.000	130.000	56.000	35.000	57.000	-	2.820
160	331933	70.000	130.000	56.000	35.000	57.000	-	2.820
161	31314 (ISO=T7GB070)	70.000	150.000	35.000	25.000	38.000	-	2.850
162	30314	70.000	150.000	35.000	30.000	38.000	-	2.922
163	TT 70150 (FAG=574368,INA=722073010, SKF=BT1B 329012, SKF=VKT 8701, FERSA=F15116)	70.000	150.000	40.000	31.700	39.800	-	3.125
164	32314	70.000	150.000	51.000	42.000	54.000	-	4.320
165	32314 B	70.000	150.000	51.000	42.000	54.000	-	4.500
166	TT 701502 (SKF=VKHB 2280 / BT1 0084, FAG=572813 A, FERSA=F15193)	70.000	150.000	61.000	42.000	46.000	-	4.800
167	805015/801400 (FERSA=F15254)	70.000	165.000	57.000	43.000	57.000	-	6.350
168	32015 XR	75.000	115.000	25.000	19.000	25.000	-	0.890
169	32015 X	75.000	115.000	25.000	19.000	25.000	-	0.895
170	33115	75.000	125.000	37.000	29.000	37.000	-	1.800
171	30215	75.000	130.000	25.000	22.000	27.250	-	1.330
172	32215	75.000	130.000	31.000	27.000	33.250	-	1.740
173	33215	75.000	130.000	41.000	31.000	41.000	-	2.130
174	TT 751401 (FAG=Z-580616, FERSA=F15190)	75.000	140.000	32.000	28.000	34.250	-	2.280
175	30217R/75	75.000	150.000	28.000	24.000	30.500	-	2.330
176	31315 (30315D, ISO=T7GB075 SKF=VKT 8633)	75.000	160.000	37.000	26.000	40.000	-	3.500
177	30315	75.000	160.000	37.000	31.000	40.000	-	3.430
178	BT1B 243414/BT1B 243150 (FERSA=F15071, FAG=540783, SKF=BT1B 243150 /QCL7C, SKF=VKT 8629)	75.000	160.000	55.000	40.000	58.000	-	5.320
179	566003/801400	75.000	165.000	57.000	43.000	57.000	-	6.000
180	543562 (FERSA=F15048,SKF=VKT 8776)	75.000	180.000	60.000	45.000	63.500	-	7.730
181	32016 X	80.000	125.000	29.000	22.000	29.000	-	1.270
182	33116	80.000	130.000	37.000	29.000	37.000	-	1.818
183	30216	80.000	140.000	26.000	22.000	28.250	-	1.610
184	32216	80.000	140.000	33.000	28.000	35.250	-	2.050



TURBO BEARINGS

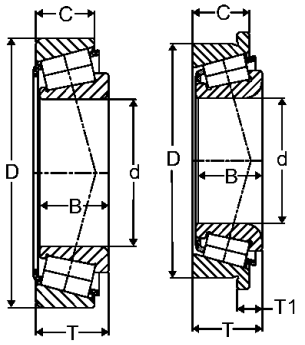
Tapered Roller Bearings - Metric Series

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
185	TT 801401 (FAG=804358, TIMKEN=NP 086391, FERSA=F15156)	80.000	140.000	39.250	32.000	39.250	-	2.560
186	33216	80.000	140.000	46.000	34.000	46.000	-	2.900
187	F-801400A (FERSA=F15257, FAG=801400)	80.000	165.000	57.000	43.000	57.000	-	5.830
188	30316	80.000	170.000	39.000	33.000	42.500	-	4.410
189	32017X	85.000	130.000	29.000	22.000	29.000	-	1.330
190	33017	85.000	130.000	36.000	29.500	36.000	-	1.750
191	33117	85.000	140.000	41.000	32.000	41.000	-	2.450
192	30217R (FERSA=F 15104, FAG=803621, SKF=30217J2/QVB478)	85.000	150.000	28.000	24.000	30.500	-	2.025
193	30217R/BT-1010 (FERSA=F15345, SKF=VKT 9000)	85.000	150.000	28.000	24.000	30.500	-	2.030
194	30217	85.000	150.000	28.000	24.000	30.500	-	2.100
195	32217	85.000	150.000	36.000	30.000	38.500	-	2.600
196	32217K	85.000	150.000	36.000	30.000	38.500	-	2.750
197	F-805576.04 (FERSA=F15326)	85.000	150.000	36.000	30.000	38.500	-	2.682
198	33217	85.000	150.000	49.000	37.000	49.000	-	3.700
199	31317 (30317D)	85.000	180.000	41.000	28.000	44.500	-	4.600
200	529065 (FERSA=F15075, SKF=331958 Q)	88.000	140.000	32.000	24.000	32.000	-	1.777
201	32018X	90.000	140.000	32.000	24.000	32.000	-	1.707
202	33018	90.000	140.000	39.000	32.500	39.000	-	2.200
203	33118	90.000	150.000	45.000	35.000	45.000	-	3.084
204	30218	90.000	160.000	30.000	26.000	32.500	-	2.550
205	32218	90.000	160.000	40.000	34.000	42.500	-	3.510
206	31318 (ISO=T7GB090)	90.000	190.000	43.000	30.000	46.500	-	5.350
207	32019X	95.000	145.000	32.000	24.000	32.000	-	1.890
208	33019	95.000	145.000	39.000	32.500	39.000	-	2.315
209	32219	95.000	170.000	43.000	37.000	45.500	-	4.050
210	31319 (30319D)	95.000	200.000	45.000	32.000	49.500	-	6.950
211	32020L	100.000	150.000	29.000	25.000	32.000	-	1.810
212	32020X	100.000	150.000	32.000	24.000	32.000	-	1.880
213	33020	100.000	150.000	39.000	32.500	39.000	-	2.400
214	33020R (FERSA=33020 F 561694, FAG=33020. 561694, ISO=T2CE100, SKF=33020/QVB091, SKF= VKHB 2145, TIMKEN=SET 1303)	100.000	150.000	39.000	32.500	39.000	-	2.400



Tapered Roller Bearings - Metric Series

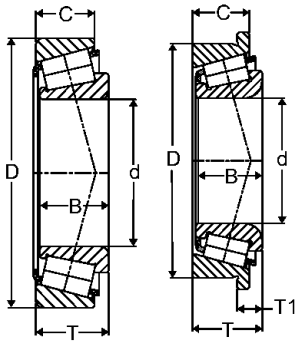
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
215	**TT 1001601 (FERSA=F15200, FAG=T5ED100.576376)**	100.000	160.000	40.000	34.000	42.000	-	3.130
216	**30220**	100.000	180.000	34.000	29.000	37.000	-	3.565
217	**32220**	100.000	180.000	46.000	39.000	49.000	-	4.920
218	**BT1-0778 (32021X)**	105.000	160.000	35.000	26.000	35.000	-	2.380
219	**33021**	105.000	160.000	43.000	34.000	43.000	-	3.050
220	**33021 VB091 (BT1-0762)**	105.000	160.000	43.000	34.000	43.000	-	3.000
221	**32022X/105 (FAG=528946, SKF=331126Q,FERSA=F15076)**	105.000	170.000	38.000	29.000	38.000	-	3.320
222	**32022X**	110.000	170.000	38.000	29.000	38.000	-	3.070
223	**33022**	110.000	170.000	47.000	37.000	47.000	-	3.850
224	**30222, 30222 F P6X**	110.000	200.000	38.000	32.000	41.000	-	5.200
225	**32222**	110.000	200.000	53.000	46.000	56.000	-	7.140
226	**32024X**	120.000	180.000	38.000	29.000	38.000	-	3.228



TURBO® BEARINGS

Tapered Roller Bearings - Inch Series

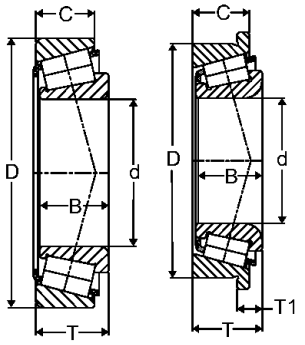
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
1	**11590/11520**	15.875	42.862	14.288	9.525	14.288	-	0.101
2	**HM 81649/HM 81610**	15.987	46.975	21.000	16.000	21.000	-	0.190
3	**LM 11949/LM 11910**	19.050	45.237	16.637	12.065	15.494	-	0.132
4	**09067/09195**	19.050	49.225	19.050	14.288	18.034	-	0.180
5	**09078/09195**	19.050	49.225	21.539	14.288	18.034	-	0.200
6	**21075/21212**	19.050	53.975	21.839	15.875	22.225	-	0.246
7	**M 12649hg/M 12610hg**	21.430	50.005	17.788	13.470	17.026	-	0.170
8	**M 12649/M 12610**	21.430	50.005	18.288	13.970	17.526	-	0.170
9	**1380/1328**	22.225	52.388	20.168	14.288	19.368	-	0.200
10	**1779/1729**	23.812	56.896	19.837	15.875	19.368	-	0.200
11	**3659 CONE ASSY.**	23.812	-	30.416	-	-	-	0.290
12	**3659/3620**	23.812	61.912	30.416	23.812	28.575	-	0.440
13	**TT24002 CONE ASSY (FERSA=F15411)**	24.000	-	28.500	-	-	-	0.225
14	**TT 24001 CONE ASSY. (FAG=566646, KOYO=ST 2455, FERSA=F15084)**	24.000	-	28.500	-	-	-	0.225
15	**TT 25571**	25.000	57.150	17.200	12.700	16.800	-	0.215
16	**L 44643/L 44610**	25.400	50.292	14.732	10.668	14.224	-	0.130
17	**1986/1932**	25.400	58.738	19.355	15.080	19.050	-	0.260
18	**M 84249/M 84210**	25.400	59.530	23.114	18.288	23.368	-	0.340
19	**15100-S/15250X**	25.400	63.500	20.638	15.875	20.638	-	0.317
20	**L 44645/L 44613**	25.987	51.986	14.732	12.700	15.011	-	0.140
21	**12435**	25.987	59.800	17.500	13.500	17.750	-	0.235
22	**L 44649/L 44610**	26.988	50.292	14.732	10.668	14.224	-	0.110
23	**TT 27501 (FERSA=F15308, SKF=BT1-0227/ QVA621+L44610/QVA621)**	26.988	50.292	14.732	10.668	14.224	-	0.120
24	**TT 28001(TIMKEN=JXC 6839 CD, FERSA=F15101)**	28.000	90.975	32.000	26.500	32.000	-	1.015
25	**1985/1930**	28.575	56.896	19.355	15.875	19.845	-	0.220
26	**15590/15520**	28.575	57.150	17.462	13.495	17.462	-	0.192
27	**1988/1922**	28.575	57.150	19.355	15.875	19.845	-	0.220
28	**1985/1922**	28.575	57.150	19.355	15.875	19.845	-	0.230
29	**1985/1932**	28.575	58.738	19.355	15.080	19.050	-	0.240
30	**02872/02820**	28.575	73.025	22.225	17.462	22.225	-	0.480
31	**15117/15245**	29.987	62.000	20.638	14.288	19.050	-	0.260
32	**14118/14283**	30.000	72.085	19.202	18.415	22.385	-	0.437
33	**M 88043/M 88010 B**	30.162	68.262	22.225	17.462	22.225	8.730	0.430
34	**14116/14276**	30.226	69.012	19.583	15.875	19.845	-	0.370
35	**14116/14283**	30.226	72.085	19.583	18.415	22.385	-	0.440
36	**LM 67048/LM 67010**	31.750	59.131	16.764	11.811	15.875	-	0.180
37	**LM 67048/LM 67010 BCE**	31.750	59.131	16.764	16.891	20.166	6.375	0.249



TURBO® BEARINGS

Tapered Roller Bearings - Inch Series

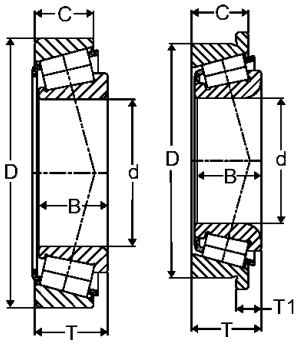
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
38	15125/15243	31.750	61.912	20.638	14.288	19.050	-	0.240
39	15123/15245	31.750	62.000	19.050	14.288	18.161	-	0.245
40	TT 32621 (FERSA=F15198, TIMKEN=NP 390444/NP 750997)	31.750	62.000	19.050	14.732	18.661	7.938	0.250
41	15126/15245	31.750	62.000	20.638	14.288	19.050	-	0.250
42	2580/2520	31.750	66.421	25.357	20.638	25.400	-	0.400
43	14125A/14276	31.750	69.012	19.583	15.875	19.845		0.350
44	14124/14283	31.750	72.085	19.583	18.415	22.385	-	0.430
45	3188-S/3120	31.750	72.626	29.997	23.812	30.162	-	0.565
46	TT 32001 CONE ASSY. (TIMKEN=JXC 25662 C, NP 586296, FERSA=F15110)	32.000	-	29.500	-	-	-	0.411
47	14131/14276	33.338	69.012	19.583	15.875	19.845	-	0.350
48	2585/2523	33.338	69.850	25.357	19.050	23.812	-	0.430
49	2790/2720	33.338	76.200	25.654	19.050	23.812	-	0.550
50	LM 48548/LM 48510	34.925	65.088	18.288	13.970	18.034	-	0.270
51	14585/14525	34.925	68.262	20.638	15.875	20.638	-	0.320
52	25877/25820	34.925	73.025	24.608	19.050	23.812	-	0.460
53	25877/25821	34.925	73.025	24.608	19.050	23.812	-	0.470
54	23690/23620	34.925	73.025	26.975	22.225	26.988	-	0.508
55	2796/2729	34.925	76.200	25.654	19.050	23.812	-	0.540
56	31593/31520	34.925	76.200	28.575	23.812	29.370	-	0.628
57	31594/31520	34.925	76.200	28.575	23.812	29.370	-	0.628
58	TT 35791 (FERSA=F15515)	34.925	79.000	28.850	24.200	31.000	-	0.747
59	L 68149/L 68110	34.988	59.131	16.764	11.938	15.875	-	0.170
60	L 68149/L 68111	34.988	59.974	16.764	11.938	15.875	-	0.180
61	25880/25821	36.487	73.025	24.608	19.050	23.812	-	0.500
62	2780/2720	36.487	76.200	25.654	19.050	23.812	-	0.510
63	HM 89449/HM 89410	36.512	76.200	28.575	23.020	29.370	-	0.630
64	JL 69349A/JL 69310	38.000	63.000	17.000	13.500	17.000	-	0.200
65	JL 69349/JL 69310	38.000	63.000	17.000	13.500	17.000	-	0.200
66	13685/13621	38.100	69.012	19.050	15.083	19.050	-	0.285
67	13687/13621	38.100	69.012	19.050	15.083	19.050	-	0.290
68	13686/13620	38.100	69.012	26.195	15.083	26.195	-	0.350
69	TT 38721	38.100	72.000	19.000	15.000	19.000	-	0.330
70	2788/2720	38.100	76.200	25.654	19.050	23.812	-	0.486
71	2776/2720	38.100	76.200	25.654	19.050	23.812	-	0.490
72	3490/3420	38.100	79.375	29.771	23.812	29.370	-	0.670
73	HM 801346/ HM 801310	38.100	82.550	28.575	23.020	29.370	-	0.755
74	25572/25520	38.100	82.931	25.400	19.050	23.813	-	0.640
75	418/414	38.100	88.500	29.083	22.225	26.988	-	0.835
76	TT 38001 CONE ASSY. (FERSA=F15131, TIMKEN=NP 457202)	38.100	-	29.771	-	-	-	0.280



TURBO® BEARINGS

Tapered Roller Bearings - Inch Series

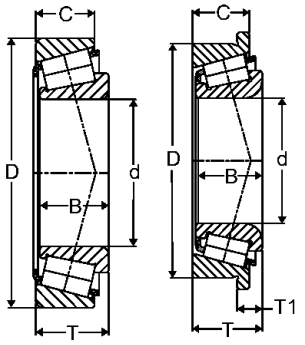
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
77	2789/2729	39.688	76.200	25.654	19.050	23.812	-	0.470
78	2789/2720	39.688	76.200	25.654	19.050	23.812	-	0.476
79	3386/3325	39.688	79.974	30.391	23.812	29.370	-	0.650
80	3382/3320	39.688	80.167	30.391	23.812	29.370	-	0.642
81	3382 CONE ASSY. (NTN=ECO 3382)	39.688	-	30.391	-	-	-	0.445
82	ECO CIR-0805.2	39.688	-	40.386	-	-	-	0.702
83	TT 40002 CONE ASSY. (FERSA=F15249)	39.688	-	40.386	-	-	-	0.700
84	F-588797 CONE ASSY.	39.688	-	40.386	-	-	-	0.740
85	4367/4335	39.688	90.488	40.386	33.338	39.688	-	1.280
86	4367X/4335	39.688	90.488	40.386	33.338	39.688	-	1.280
87	ECO CIR-0810.1 CONE ASSY. (FERSA=F15292)	39.688	-	43.050	-	-	-	0.980
88	HM 204043/HM 204010	39.987	90.975	32.000	26.500	32.000	-	1.000
89	344/332	40.000	80.000	22.403	17.826	21.000	-	0.470
90	JF 4049/JF 4010 (T2EE040,TIMKEN=SET 238)	40.000	85.000	32.500	28.000	33.000	-	0.882
91	3879/3820	40.000	85.725	30.162	23.812	30.162	-	0.850
92	JF 4549 (40 mm) CONE ASSY. (SKF=BT1-0445, FERSA=F15356)	40.000	-	35.000	-	-	-	0.890
93	LM 501349/LM 501310	41.275	73.431	19.812	14.732	19.558	-	0.340
94	LM 501349/LM 501314	41.275	73.431	19.812	16.604	21.430	-	0.360
95	24780/24720	41.275	76.200	23.020	17.462	22.225	-	0.430
96	24780/24721	41.275	76.200	23.020	20.638	25.400	-	0.470
97	26882/26820	41.275	80.167	25.400	20.638	25.400	-	0.550
98	3877/3820	41.275	85.725	30.162	23.812	30.162	-	0.792
99	3585/3525	41.275	87.312	30.866	23.812	30.162	-	0.780
100	419/414	41.275	88.500	29.083	22.225	26.988	-	0.770
101	4388/4335	41.275	90.488	40.386	33.338	39.688	-	1.265
102	HM 903245/HM 903210	41.275	95.250	28.575	22.225	30.958	-	1.050
103	J 28573/28521 (FERSA=F15278, KOYO=57508 L2/28521)	42.000	92.075	25.400	19.845	24.607	-	0.830
104	4395/4335	42.070	90.488	40.386	33.338	39.688	-	1.245
105	25577/25523	42.875	82.931	25.400	22.225	26.988	-	0.610
106	25581/25523	44.450	82.931	25.400	22.225	26.988	-	0.600
107	3578/3520	44.450	84.138	30.866	23.812	30.163	-	0.690
108	HM 803149/HM 803110	44.450	88.900	29.370	23.020	30.162	-	0.840
109	355X/352	44.450	90.119	21.692	21.808	23.000	-	0.680
110	HM 803149/HM 803112	44.450	92.075	29.370	23.020	30.162	-	0.920
111	3782/3720	44.450	93.264	30.302	23.812	30.162	-	0.950
112	49175/49368	44.450	93.662	31.750	25.400	31.750	-	0.970
113	33885/33821	44.450	95.250	28.575	22.225	27.783	-	0.960



TURBO® BEARINGS

Tapered Roller Bearings - Inch Series

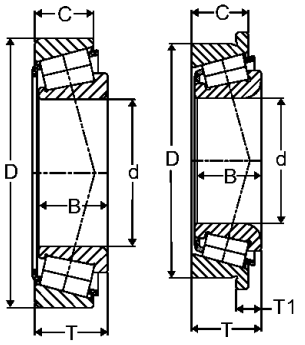
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
114	33885/33822	44.450	95.250	28.575	22.225	27.783	-	0.960
115	HM 903249/HM 903210	44.450	95.250	28.575	22.225	30.958	-	1.012
116	527/522	44.450	101.600	36.068	26.988	34.925	-	1.350
117	535/532A	44.450	111.125	36.957	30.162	38.100	-	1.885
118	TT 451131 C (FERSA=F15280, FAG=518713, SKF=331264)	44.983	112.712	33.800	25.400	34.512	-	1.600
119	U 497/U 460L	44.987	79.975	26.000	22.000	24.000	-	0.475
120	HM 905843/HM 905810	44.987	104.986	31.750	23.368	32.512	-	1.370
121	TT 45001 CONE ASSY. (TIMKEN=NP 057427, FERSA=F15132)	45.000	-	30.045	-	-	-	0.950
122	JW 4549/JW 4510 (ISO=T7FC045)	45.000	95.000	26.500	20.000	29.000	-	0.893
123	JF 4549/JF 4510 (SKF=T2ED045/Q)	45.000	95.000	35.000	30.000	36.000	-	1.200
124	TT 451081 (NP057427/NP638413)	45.000	108.000	30.045	29.250	29.250	4.300	1.530
125	17887/17831	45.230	79.985	20.638	15.080	19.842	-	0.400
126	LM 102949/LM 102910	45.242	73.431	19.812	15.748	19.558	-	0.307
127	LM 603049/LM 603011	45.242	77.788	19.842	15.080	19.842	-	0.370
128	25590/25520	45.618	82.931	25.400	19.050	23.813	-	0.530
129	25590/25523	45.618	82.931	25.400	22.225	26.988	-	0.580
130	NP837197 CONE ASSY.	45.987	-	18.000	-	-	-	0.200
131	HM 204049/HM 204010	45.987	90.975	32.000	26.500	32.000	-	0.940
132	18690/18620	46.038	79.375	17.462	13.495	17.462	-	0.330
133	359-S/354X	46.038	85.000	21.692	17.462	20.635	-	0.490
134	369-S/362A	47.625	88.900	22.225	16.513	20.638	-	0.550
135	HM 804846/HM 804810	47.625	95.250	29.370	23.020	30.162	-	0.980
136	528/522	47.625	101.600	36.068	26.988	34.925	-	1.290
137	536/532X	47.625	107.950	36.957	28.575	36.512	-	1.590
138	72187 C/72487	47.625	123.825	32.791	25.400	36.512	-	2.070
139	5395/5335 (FAG=F-809306.TR1)	49.212	103.188	44.475	36.512	43.657	-	1.680
140	TT 001141 (FERSA = CUP F15466)	-	114.300	-	21.488	-	-	0.360
141	HH 506349LFT/HH 506310/1B-9	49.987	114.300	44.450	35.500	44.450	-	2.285
142	JLM 704649/JLM 704610	50.000	84.000	22.000	17.500	22.000	-	0.460
143	JM 205149A/JM 205110	50.000	90.000	28.000	23.000	28.000	-	0.740
144	TT 50901 (FERSA=F15517)	50.000	90.000	28.000	23.000	28.000	-	0.720
145	CK50K/3720	50.000	93.264	30.302	23.812	30.162	-	0.870
146	JF 5049/JF 5010 (ISO=T2ED050, SKF=VKHB 2255, SKF=VKT 8625, TIMKEN=SET 1296)	50.000	100.000	35.000	30.000	36.000	-	1.300
147	JW 5049/JW 5010 (ISO=T7FC050, SKF=VKT8418, TIMKEN=SET 240)	50.000	105.000	29.000	22.000	32.000	-	1.230
148	LM 104949/JLM 104910	50.800	82.000	22.225	17.000	21.976	-	0.410
149	LM 104949/LM 104911 A	50.800	82.550	22.225	18.542	23.148	-	0.500



TURBO® BEARINGS

Tapered Roller Bearings - Inch Series

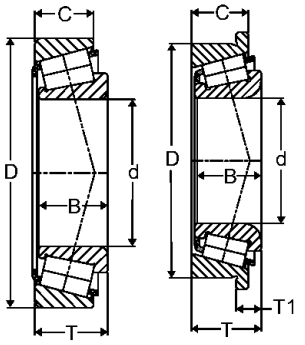
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
150	18790/18720	50.800	85.000	17.462	13.495	17.462	-	0.400
151	368 A/362 A	50.800	88.900	22.225	16.513	20.638	-	0.490
152	370A/362A	50.800	88.900	22.225	16.513	20.638	-	0.510
153	28580/28520	50.800	89.980	25.400	19.987	24.750	-	0.660
154	28580/28521	50.800	92.075	25.400	19.845	24.607	-	0.700
155	3775/3720	50.800	93.264	30.302	23.812	30.162	-	0.850
156	3780/3720	50.800	93.264	30.302	23.812	30.162	-	0.840
157	33889/33822	50.800	95.250	28.575	22.225	27.783	-	0.880
158	33889/33821	50.800	95.250	28.575	22.225	27.783	-	0.850
159	28580/28527 RB	50.800	99.995	25.400	19.845	24.607	-	0.890
160	ECO 529X.1/ECO 520X.1	50.800	100.000	36.088	26.988	34.925	-	1.170
161	529/522	50.800	101.600	36.068	26.988	34.925	-	1.240
162	45284/45220	50.800	104.775	30.958	23.812	30.162	-	1.190
163	45285A/45221	50.800	104.775	30.958	23.812	30.162	-	1.210
164	45285A/45220B	50.800	104.775	30.958	23.812	30.162	11.907	1.250
165	45285A/CR-1091 (FERSA=F15212,							
	NTN=4T 45285 APX1/4T CR)	50.800	104.775	30.958	23.812	30.162	12.000	1.290
166	HM 807046/HM 807010	50.800	104.775	36.512	28.575	36.512	-	1.445
167	HM 807046/HM 807010 BT	50.800	104.775	36.512	28.575	36.512	12.000	1.640
168	F-805896.TR1	50.800	104.775	36.512	28.575	36.512	12.000	1.520
169	4580/4535	50.800	104.775	40.157	33.338	39.688	-	1.620
170	455/453A	50.800	107.950	29.317	22.225	27.783	-	1.200
171	455/452	50.800	107.950	29.317	27.000	32.557	-	1.340
172	537/532X	50.800	107.950	36.957	28.575	36.512	-	1.520
173	55200C/55437	50.800	111.125	26.909	20.638	30.163	-	1.330
174	72200C/72487	50.800	123.825	32.791	25.400	36.512	-	2.142
175	28584/28521	52.388	92.075	25.400	19.845	24.607	-	0.670
176	28584/28523	52.388	92.075	25.400	23.017	27.780	-	0.730
177	3767/3720	52.388	93.264	30.302	23.812	30.162	-	0.810
178	55206C/55437	52.388	111.125	26.909	20.638	30.163	-	1.270
179	389A/382	53.975	98.425	21.945	17.825	21.000	-	0.700
180	HM 807049/HM 807010	53.975	104.775	36.512	28.575	36.512	-	1.400
181	HM 807049/HM 807011	53.975	104.775	36.513	28.575	36.513	-	1.400
182	539/532X	53.975	107.950	36.957	28.575	36.512	-	1.500
183	55212C/55437	53.975	111.125	26.909	20.638	30.163	-	1.300
184	539/532A	53.975	111.125	36.957	30.162	38.100	-	1.700
185	621/612	53.975	120.650	41.275	31.750	41.275	-	2.200
186	72212/72487	53.975	123.825	32.791	25.400	36.512	-	2.030
187	72212C/72487	53.975	123.825	32.791	25.400	36.512	-	2.130
188	557-S/552A	53.975	123.825	36.678	30.162	38.100	-	2.220
189	78215C/78551	53.975	140.030	33.236	23.520	36.513	-	2.750
190	TT 541401 (FERSA =F15485)	53.975	140.030	36.236	23.520	39.513	-	2.850
191	HM 807048/HM 807010	54.488	104.775	36.512	28.575	36.512	-	1.410
192	JLM 506849A/JLM 506811	55.000	90.000	23.000	20.500	25.000	-	0.542



TURBO® BEARINGS

Tapered Roller Bearings - Inch Series

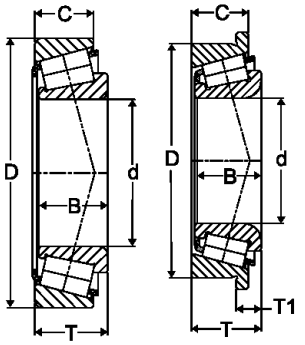
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
193	JM 207049 A/JM 207010	55.000	95.000	29.000	23.500	29.000	-	0.790
194	JM 207049/JM 207010	55.000	95.000	29.000	23.500	29.000	-	0.820
195	JW 5549/JW 5510 (ISO=T7FC055, TIMKEN=SET 1192)	55.000	115.000	31.000	23.500	34.000	-	1.558
196	28680/28622	55.562	97.630	24.608	19.446	24.608	-	0.760
197	72218/72487	55.562	123.825	32.791	25.400	36.512	-	1.910
198	387/382	57.150	98.425	21.945	17.825	21.000	-	0.630
199	462/453X	57.150	104.775	29.317	24.605	30.162	-	1.030
200	462A/453X	57.150	104.775	29.317	24.605	30.162	-	1.050
201	45289/45220	57.150	104.775	30.958	23.812	30.162	-	1.100
202	462A/453A	57.150	107.950	29.317	22.225	27.782	-	1.090
203	3979/3925	57.150	112.712	30.048	23.812	30.163	-	1.380
204	39580/39520	57.150	112.712	30.162	23.812	30.162	-	1.440
205	39581/39520	57.150	112.712	30.162	23.812	30.162	-	1.400
206	39580/39528	57.150	119.985	30.162	26.949	32.751	-	1.730
207	555-S/552A	57.150	123.825	36.678	30.162	38.100	-	2.150
208	78225C/78551	57.150	140.030	33.236	23.520	36.513	-	2.690
209	388A/382	57.531	98.425	21.945	17.825	21.000	-	0.620
210	HM 911244/HM 911216	59.987	134.983	30.924	21.948	33.449	-	4.542
211	JLM 508748/JLM 508710	60.000	95.000	24.000	19.000	24.000	-	0.600
212	JF 6049/JF 6010 (SKF=T2EE060/Q)	60.000	115.000	39.000	33.000	40.000	-	1.850
213	476/472	60.000	120.000	29.007	24.237	29.795	-	1.550
214	576791.H131AB (FERSA=F15386)	60.000	125.000	33.500	26.000	37.000	-	2.000
215	JW 6049/JW 6010 (ISO=T7FC060, TIMKEN=SET 1193)	60.000	125.000	33.500	26.000	37.000	-	2.020
216	JW 6049R/JW 6010R (FAG=805050, FERSA=F15270)	60.000	125.000	33.500	26.000	37.000	-	2.000
217	28985/28921	60.325	100.000	25.400	19.845	25.400	-	0.750
218	28985/28920	60.325	101.600	25.400	19.845	25.400	-	0.786
219	3980/3920	60.325	112.712	30.048	23.812	30.162	-	1.290
220	65237/65500	60.325	127.000	44.450	34.925	44.450	-	2.590
221	65237/65500B	60.325	127.000	44.450	34.925	44.450	16.670	2.570
222	HM 911245/HM 911210	60.325	130.175	33.338	23.812	36.513	-	2.070
223	H 715334/H 715311	61.912	136.525	46.038	36.512	46.038	-	3.470
224	H 913842/H 913810	61.912	146.050	39.688	25.400	41.275	-	3.110
225	392/394A	61.913	111.000	21.996	18.824	22.000	-	0.870
226	L 910349/L 910310	63.485	94.975	15.500	12.000	17.000	-	0.375
227	29586/29522	63.500	107.950	25.400	19.050	25.400	-	0.940
228	395/394A	63.500	110.000	21.996	18.824	22.000	-	0.810
229	3982X/3927XSXI	63.500	110.000	30.048	23.020	29.370	-	1.100
230	3982/3927X	63.500	110.000	30.048	23.812	30.162	-	1.131
231	3982/3920	63.500	112.712	30.048	23.812	30.162	-	1.225



TURBO® BEARINGS

Tapered Roller Bearings - Inch Series

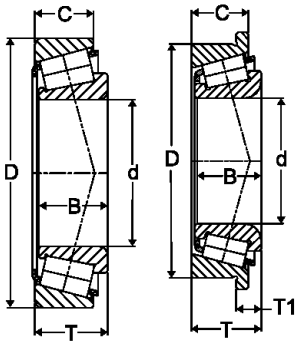
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
232	39585/39520	63.500	112.712	30.162	23.812	30.162	-	1.240
233	HM 212047/HM 212010	63.500	122.238	38.354	29.718	38.100	-	1.936
234	HM 212047/HM 212011	63.500	122.238	38.354	29.718	38.100	-	1.960
235	559 / 552A	63.500	123.825	36.678	30.162	38.100	-	1.979
236	565/562	63.500	129.985	34.000	28.000	37.000	-	2.060
237	JLM 710949C/JLM 710910	65.000	105.000	23.000	18.500	24.000	-	0.736
238	JM 511945/JM 511910	65.000	110.000	30.000	22.500	28.000	-	1.070
239	JD 6549/JD 6510	65.000	110.000	31.000	25.000	31.000	-	1.250
240	JM 511945/3920	65.000	112.712	30.000	23.812	29.020	-	1.175
241	6379/6320	65.088	135.755	56.007	44.450	53.975	-	3.662
242	H 212749/H 212710	65.987	123.975	41.500	34.000	41.500	-	2.200
243	395A/394A	66.675	110.000	21.996	18.824	22.000	-	0.790
244	395-S/394A	66.675	110.000	21.996	18.824	22.000	-	0.780
245	CR 395-S/394A	66.675	110.000	21.996	18.824	22.000	-	0.820
246	3994/3920	66.675	112.712	30.048	23.812	30.162	-	1.140
247	3984/3920	66.675	112.712	30.048	23.812	30.162	-	1.187
248	39590/39520	66.675	112.712	30.162	23.812	30.162	-	1.170
249	33262/33462	66.675	117.475	30.163	23.813	30.163	-	1.330
250	33262A/33461	66.675	117.475	30.163	23.813	30.163	-	1.350
251	HM 212049/HM 212011	66.675	122.238	38.354	29.718	38.100	-	1.840
252	641/633	66.675	130.175	41.275	31.750	41.275	-	2.369
253	641/632	66.675	136.525	41.275	31.750	41.275	-	2.730
254	H 414242/ H 414210	66.675	136.525	41.275	31.750	41.275	-	2.725
255	399AS/394A	68.262	110.000	21.996	18.824	22.000	-	0.700
256	399A/394A	68.262	110.000	21.996	18.824	22.000	-	0.765
257	H 414245A1/H 414210	68.262	136.525	41.275	31.750	41.275	-	2.630
258	BT1-0201	68.262	152.400	46.038	33.236	47.625	-	4.030
259	9278/9220	68.262	161.925	46.038	31.750	49.212	-	4.640
260	L 713049/L 713010	69.850	101.600	19.050	15.083	19.050	-	0.500
261	29675/29620	69.850	112.712	25.400	19.050	25.400	-	0.960
262	33275/33462	69.850	117.475	30.163	23.813	30.163	-	1.248
263	482/472	69.850	120.000	29.007	24.237	29.795	-	1.330
264	47487/47420X	69.850	120.000	32.545	26.195	32.545	-	1.500
265	29675/29630	69.850	120.650	25.400	19.050	25.400	-	1.170
266	566/563	69.850	127.000	36.170	28.575	36.512	-	1.945
267	643/632	69.850	136.525	41.275	31.750	41.275	-	2.670
268	H 913849/H913810	69.850	146.050	39.688	25.400	41.275	-	2.914
269	484/472 A	70.000	120.000	29.007	23.444	29.002	-	1.280
270	JW 7049/JW 7010 (ISO=T7FC070,SKF=VKT 8631)	70.000	140.000	35.500	27.000	39.000	-	2.650
271	47490/47420	71.438	120.000	32.545	26.195	32.545	-	1.420
272	495-S/492 A	71.438	133.350	29.769	22.225	30.163	-	1.810
273	29685/29620	73.025	112.712	25.400	19.050	25.400	-	0.890
274	33287/33462	73.025	117.475	30.163	23.813	30.163	-	1.248



TURBO® BEARINGS

Tapered Roller Bearings - Inch Series

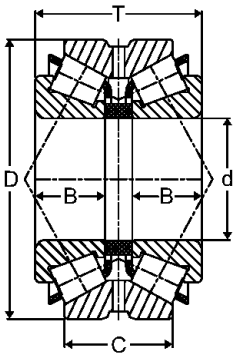
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
275	567a/563	73.025	127.000	36.170	28.575	36.512	-	1.790
276	576/572	73.025	139.992	36.098	28.575	36.512	-	2.470
277	29688/29620	73.817	112.712	25.400	19.050	25.400	-	0.840
278	JLM 714149/JLM 714110	75.000	115.000	25.000	19.000	25.000	-	0.860
279	HM 215249/HM 215210	75.987	131.975	39.000	32.000	39.000	-	2.110
280	34300/34478	76.200	121.442	23.012	17.463	24.608	-	0.954
281	34300/34478B	76.200	121.442	23.012	17.463	24.607	11.907	1.000
282	42687/42620	76.200	127.000	31.000	22.225	30.163	-	1.420
283	42688/42620	76.200	127.000	31.000	22.225	30.163	-	1.390
284	495A/492A	76.200	133.350	29.769	22.225	30.163	-	1.670
285	495A/493	76.200	136.525	29.769	22.225	30.163	-	1.800
286	575/572X	76.200	139.700	36.098	28.575	36.512	-	2.360
287	575/572XR	76.200	139.700	36.098	28.575	36.512	-	2.370
288	575/572	76.200	139.992	36.098	28.575	36.512	-	2.450
289	659/653	76.200	146.050	41.275	31.750	41.275	-	3.000
290	6461/6420	76.200	149.225	54.229	44.450	53.975	-	4.185
291	HM 518437/HM 518411	76.200	152.400	39.688	34.362	43.888	-	3.510
292	HM 518437/HM 518411 W	76.200	152.400	39.688	34.362	43.888	-	3.480
293	34306/34478	77.788	121.442	23.012	17.463	24.608	-	0.920
294	42690/42620	77.788	127.000	31.000	22.225	30.163	-	1.380
295	4277 (FAG=575194, FERSA=F15246)	80.000	130.000	36.000	29.500	36.000	12.000	1.960
296	TT 801402 (FAG=568742 A,INA=722 0652 10, FERSA=F15191)	80.000	139.992	36.098	28.575	36.513	14.288	2.380
297	JW 8049/JW 8010	80.000	160.000	41.000	31.000	45.000	-	3.900
298	TT 821402(FERSA=F15252, SKF=BT1 0163,SKF=VKHB 2315, TIMKEN=NP 569484/NP 644537, TIMKEN=SET 1254)	82.000	140.000	36.100	28.575	36.500	-	2.100
299	27687/27620	82.550	125.412	25.400	19.845	25.400	-	1.100
300	HM 516449/HM 516410	82.550	133.350	39.688	32.545	39.688	-	2.130
301	495/493A	82.550	134.976	29.769	22.225	30.162	-	1.550
302	HM 516448/HM 516414 B	82.550	136.525	39.688	32.545	39.688	12.319	2.420
303	580/572	82.550	139.992	36.098	28.575	36.512	-	2.200
304	582/572	82.550	139.992	36.098	28.575	36.512	-	2.200
305	749A/742	82.555	150.089	46.672	36.512	44.450	-	3.240
306	498/492A	84.138	133.350	29.769	22.225	30.163	-	1.450
307	27695/27620	84.976	125.412	25.400	19.845	25.400	-	0.974
308	JM 716649/JM 716610	85.000	130.000	29.000	24.000	30.000	-	1.350
309	JM 716649/JM 716612 A	85.000	131.587	27.000	24.000	30.000	-	1.396
310	JHM 516849/JHM 516810	85.000	140.000	38.000	31.500	39.000	-	2.260
311	749/742	85.026	150.089	46.672	36.512	44.450	-	3.240
312	497/493	85.725	136.525	29.769	22.225	30.163	-	1.500
313	LL 217849/LL 217810	88.900	121.442	15.083	11.112	15.083	-	0.470
314	HM 518445/HM 518410	88.900	152.400	39.688	30.162	39.688	-	2.830
315	HM 218248/HM 218210	89.974	146.975	40.000	32.500	40.000	-	2.560
316	JM 718149/JM 718110	90.000	145.000	34.000	27.000	35.000	-	2.140



TURBO® BEARINGS

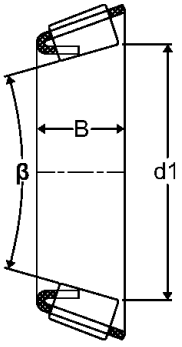
Tapered Roller Bearings - Inch Series

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)						MASS (~Kg.)
		d	D	B	C	T	T1	
317	JM 718149A/JM 718110	90.000	145.000	34.000	27.000	35.000	-	2.130
318	47890/47820	92.075	146.050	34.925	26.195	33.338	-	2.570
319	42362/42584	92.075	148.430	28.971	21.433	28.575	-	1.760
320	598A/593X	92.075	150.000	36.322	27.000	35.992	-	2.370
321	598A/592A	92.075	152.400	36.322	30.162	39.688	-	2.650
322	598/592A	92.075	152.400	36.322	30.162	39.688	-	2.690
323	JL 819349/JL 819310	95.000	135.000	20.000	14.000	20.000	-	0.825
324	JM 719149/JM 719113	95.000	150.000	34.000	27.000	35.000	-	2.170
325	JF 9549/JF 9510 (FAG=201029, ISO=T2ED095, SKF=VKHB 2192, TIMKEN=SET 1166)	95.000	160.000	46.000	38.000	46.000	-	3.700
326	LL 319349/LL 319310	95.250	128.587	15.083	11.908	15.875	-	0.530
327	L 319249/L 319210	95.250	130.175	21.433	16.670	20.638	-	0.789
328	594/593X	95.250	150.000	36.322	27.000	35.992	-	2.200
329	594A/593X	95.250	150.000	36.322	27.000	35.992	-	2.260
330	594/592A	95.250	152.400	36.322	30.162	39.688	-	2.550
331	594A/592A	95.250	152.400	36.322	30.162	39.688	-	2.540
332	594/592	95.250	152.400	36.322	33.338	39.688	-	2.610
333	683/672	95.250	168.275	41.275	30.162	41.275	-	3.720
334	685/672	98.425	168.275	41.275	30.162	41.275	-	3.520
335	HM 220149/HM 220110	99.974	156.975	42.000	34.000	42.000	-	2.900
336	EC 12218 (FERSA=F15520) (SNR=EC12218S02H100)	100.000	130.000	15.083	11.908	15.875	-	0.415
337	JP 10049/JP 10010 A	100.000	145.000	22.500	17.500	24.000	-	1.150
338	JP 10049/JP 10010	100.000	145.000	22.500	17.500	24.000	-	1.155
339	JM 720249 / JM 720210	100.000	155.000	35.000	28.000	36.000	-	2.370
340	JHM 720249/JHM 720210	100.000	160.000	40.000	32.000	41.000	-	3.000
341	JF 10049/JF 10010 (ISO=T4CB100, TIMKEN=NP970652/NP563664)	100.000	165.000	46.000	39.000	47.000	-	3.830
342	52400/52618	101.600	157.162	36.116	26.195	36.512	-	2.410
343	687/672	101.600	168.275	41.275	30.162	41.275	-	3.405
344	L 521949/L 521910	107.950	146.050	21.433	16.670	21.433	-	0.970
345	37425/37625	107.950	158.750	21.438	15.875	23.020	-	1.400
346	56425/56650	107.950	165.100	36.512	26.988	36.512	-	2.600
347	37431/37625	109.538	158.750	21.438	15.875	23.020	-	1.373
348	37431A/37625	109.538	158.750	21.438	15.875	23.020	-	1.371
349	JHM 522649/JHM 522610	110.000	180.000	46.000	38.000	47.000	-	4.540
350	L 623149/L 623110	114.300	152.400	21.433	16.670	21.432	-	1.036
351	64450/64700	114.300	177.800	41.275	30.162	41.275	-	3.580
352	JP 12049/JP 12010 (ISO=T4CB120)	120.000	170.000	25.000	19.500	27.000	-	1.700
353	JP 12049 A/JP 12010 (ISO=T4CB120A)	120.000	170.000	25.000	19.500	27.000	-	1.680
354	LL 225749/LL 225710	127.000	165.895	17.462	13.495	18.258	-	0.920
355	JP 13049 A/JP 13010 (ISO=T4CB130A)	130.000	185.000	27.000	21.000	29.000	-	2.150
356	JP 13049/JP 13010 (ISO=T4CB130)	130.000	185.000	27.000	21.000	29.000	-	2.243
357	67391/67322	133.350	196.850	46.038	38.100	46.038	-	4.520
358	LM 330448/LM 330410	152.400	203.200	41.275	34.925	41.275	-	3.470
359	L 432348/L 432310	158.750	205.582	23.812	18.258	23.812	-	1.860



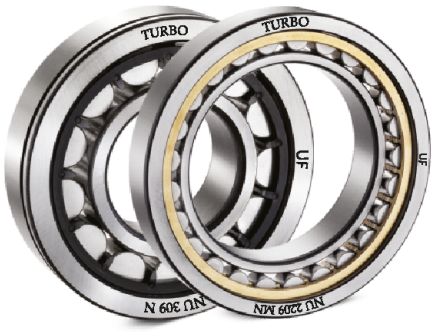
Double Row Tapered Roller Bearings

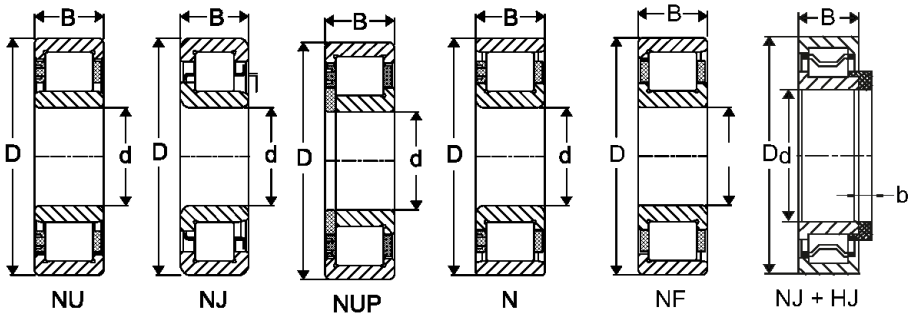
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)
		d	B	C	T	T1	
1	**TT 1024 AE (SKF=BTH-1024 AE)**	40.000	73.000	27.500	55.000	55.000	0.970
2	**TT 1265 A (SKF=BTH-1265 A)**	49.000	84.000	24.000	48.000	48.000	1.050
3	**46T101107RC3**	49.987	114.981	28.468	44.450	68.260	3.100
4	**TT 681271(SKF=BTH 0018 A, FAG=201037,571762.01H195 FERSA=F15097)**	68.000	127.000	57.500	115.000	115.000	6.150
5	**TT 821401 (SKF=BTH 0055, VKBA5412, FAG=805003 A.H195, FERSA=F15100)**	82.000	140.000	57.500	115.000	115.000	7.710



Tapered Roller Steering Bearings

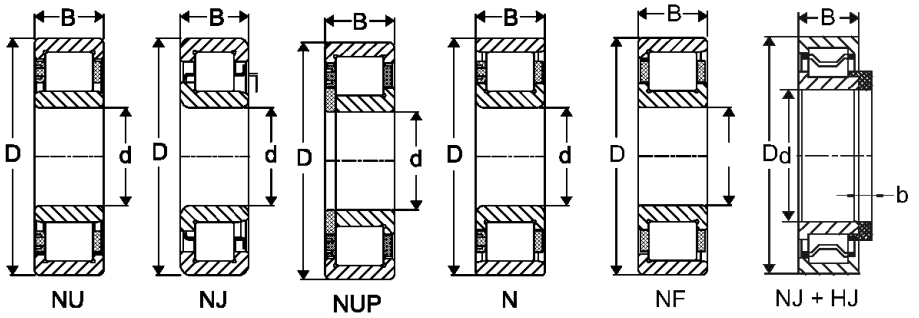
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)			MASS (~Kg.)
		d1	B	ß	
1	**35 BC**	43.650	15.000	31°52"	0.063





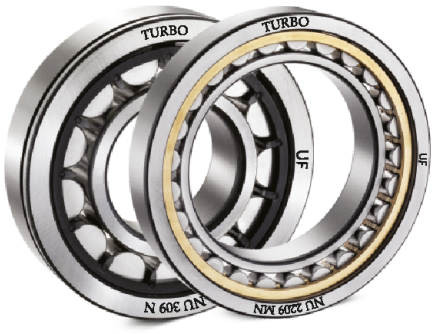
Cylindrical Roller Bearings - Standard

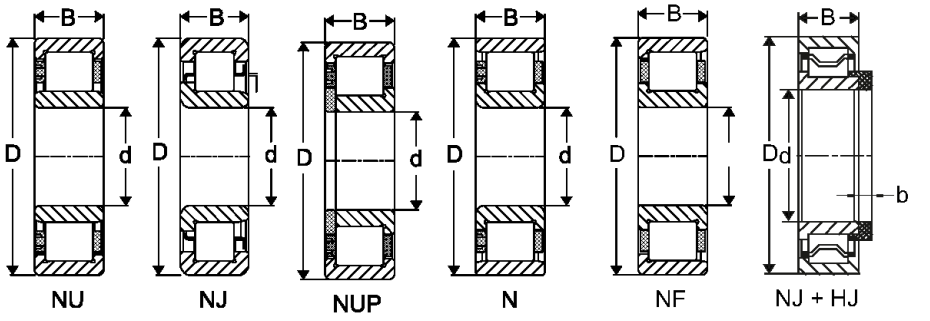
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	B	b	
1	NU 202 EM	15.000	35.000	11.000	-	0.055
2	NF 302 M	15.000	42.000	13.000	-	0.090
3	N 204 EP	20.000	47.000	14.000	-	0.107
4	N 204	20.000	47.000	14.000	-	0.120
5	NJ 204 ETN	20.000	47.000	14.000	-	0.110
6	NU 204 ETN	20.000	47.000	14.000	-	0.120
7	NUP 304 ECP	20.000	52.000	15.000	-	0.170
8	NUP 304 EM	20.000	52.000	15.000	-	0.180
9	NUP 2304 EMN	20.000	52.000	21.000	-	0.255
10	NU 205 M	25.000	52.000	15.000	-	0.150
11	NU 205 EP	25.000	52.000	15.000	-	0.130
12	NJ 2205 M	25.000	52.000	18.000	-	0.165
13	NUP 2205 EM	25.000	52.000	18.000	-	0.170
14	N 2205 EM	25.000	52.000	18.000	-	0.178
15	NU 305	25.000	62.000	17.000	-	0.240
16	NJ 305 EC	25.000	62.000	17.000	-	0.246
17	N 305 EM	25.000	62.000	17.000	-	0.280
18	NJ 405 M	25.000	80.000	21.000	-	0.580
19	NU 206 E	30.000	62.000	16.000	-	0.220
20	NJ 206 EM	30.000	62.000	16.000	-	0.250
21	NUP 206 E	30.000	62.000	16.000	-	0.230
22	N 206 EM	30.000	62.000	16.000	-	0.220
23	NJ 206 EP	30.000	62.000	16.000	-	0.250
24	N 2206 M	30.000	62.000	20.000	-	0.285
25	NJ 306 E	30.000	72.000	19.000	-	0.400
26	NU 2306 EM	30.000	72.000	27.000	-	0.580
27	NJ 406	30.000	90.000	23.000	-	0.785
28	NU 1007 M	35.000	62.000	14.000	-	0.171
29	NU 1007 ECP	35.000	62.000	14.000	-	0.150
30	NJ 207 ECP	35.000	72.000	17.000	-	0.290
31	N 2207 EMN	35.000	72.000	23.000	-	0.445
32	NU 2207 EM	35.000	72.000	23.000	-	0.460
33	NJ 2207 EM	35.000	72.000	23.000	-	0.430
34	N 307 E	35.000	80.000	21.000	-	0.525
35	NJ 307 E	35.000	80.000	21.000	-	0.475
36	NUP 307 EP	35.000	80.000	21.000	-	0.560
37	NU 307 MN	35.000	80.000	23.000	-	0.585
38	NU 2307 EM	35.000	80.000	31.000	-	0.780
39	NU 1008 M	40.000	68.000	15.000	-	0.220
40	NU 208 EMN	40.000	80.000	18.000	-	0.426
41	NJ 208 EP	40.000	80.000	18.000	-	0.435
42	NUP 208 EM	40.000	80.000	18.000	-	0.440
43	NJ 208 E	40.000	80.000	18.000	-	0.390
44	NF 208 EM	40.000	80.000	18.000	-	0.425



Cylindrical Roller Bearings - Standard

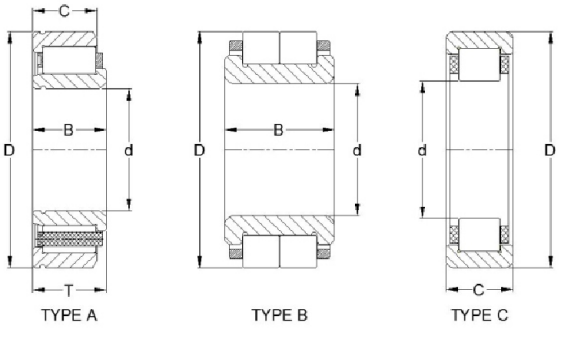
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	B	b	
45	NJ 2208 E	40.000	80.000	23.000	-	0.518
46	N 2208 EMN	40.000	80.000	23.000	-	0.520
47	NU 308 EM	40.000	90.000	23.000	-	0.650
48	NJ 308 EM	40.000	90.000	23.000	-	0.670
49	NUP 308 EM	40.000	90.000	23.000	-	0.680
50	NUP 308 EP	40.000	90.000	23.000	-	0.675
51	NU 1009 M	45.000	75.000	16.000	-	0.270
52	NUP 1009 M	45.000	75.000	16.000	-	0.290
53	NUP 1009 EP	45.000	75.000	16.000	-	0.280
54	NU 209 EMN	45.000	85.000	19.000	-	0.482
55	NJ 209 EM	45.000	85.000	19.000	-	0.490
56	NUP 209 EM	45.000	85.000	19.000	-	0.500
57	NF 209 EM	45.000	85.000	19.000	-	0.480
58	NU 2209 EMN	45.000	85.000	23.000	-	0.520
59	NU 309 EMN	45.000	100.000	25.000	-	0.855
60	NJ 309 E	45.000	100.000	25.000	-	0.965
61	NUP 309 E	45.000	100.000	25.000	-	0.980
62	NUP 309 EP	45.000	100.000	25.000	-	0.950
63	NJ 210 EM	50.000	90.000	20.000	-	0.490
64	NUP 210 EM	50.000	90.000	20.000	-	0.520
65	N 210	50.000	90.000	20.000	-	0.480
66	NJ 2210 E	50.000	90.000	23.000	-	0.580
67	NUP 2210 E	50.000	90.000	23.000	-	0.600
68	NJ 2210E + HJ 210E	50.000	90.000	23.000	5.000	0.645
69	NU 310 EM	50.000	110.000	27.000	-	1.140
70	NJ 310 EM	50.000	110.000	27.000	-	1.200
71	NUP 310 EM	50.000	110.000	27.000	-	1.220
72	NUP 310 EP	50.000	110.000	27.000	-	1.175
73	NU 1011	55.000	90.000	18.000	-	0.440
74	NUP 211 ENR	55.000	100.000	21.000	-	0.680
75	NJ 211 E	55.000	100.000	21.000	-	0.720
76	NUP 211 EM	55.000	100.000	21.000	-	0.730
77	N 211 EMNR	55.000	100.000	21.000	-	0.700
78	NF 211 M	55.000	100.000	21.000	-	0.740
79	NU 311 EM	55.000	120.000	29.000	-	1.450
80	NUP 311 EMNR	55.000	120.000	29.000	-	1.550
81	NUP 212 EM	60.000	110.000	22.000	-	0.900
82	NF 212 M	60.000	110.000	22.000	-	0.920
83	NU 2212 ECP	60.000	110.000	28.000	-	1.110
84	NUP 2212 EM	60.000	110.000	28.000	-	1.215
85	NUP 2212 EMNR	60.000	110.000	28.000	-	1.235
86	NUP 2212 EP	60.000	110.000	28.000	-	1.130
87	NUP 312 MNR	60.000	130.000	31.000	-	2.100
88	NUP 213 EPNR	65.000	120.000	23.000	-	1.098





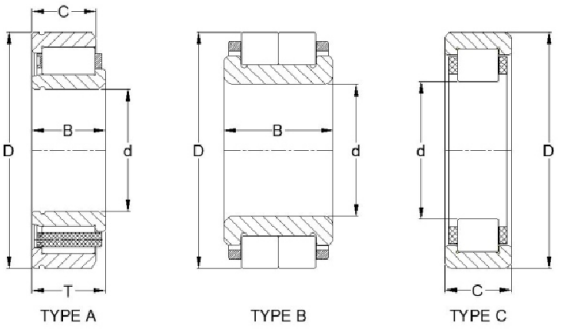
Cylindrical Roller Bearings - Standard

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	B	b	
89	NJ 1014	70.000	110.000	20.000	-	0.700
90	NU 214 M	70.000	125.000	24.000	-	1.150
91	NUP 314 EMNR	70.000	150.000	35.000	-	3.100
92	NJ 215 E	75.000	130.000	25.000	-	1.265
93	N 215	75.000	130.000	25.000	-	1.195
94	NU 2215 E	75.000	130.000	31.000	-	1.550
95	NF 216 M	80.000	140.000	26.000	-	1.680
96	NU 2216 E	80.000	140.000	33.000	-	2.050
97	NU 1017 M	85.000	130.000	22.000	-	1.000
98	NJ 1024	120.000	180.000	28.000	-	2.480



Cylindrical Roller Bearings - Special

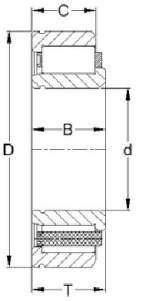
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)	Type
		d	D	B	C	T		
1	CRL-6	19.050	47.625	14.285	14.285	14.285	0.130	A
2	JC 8037	22.000	58.000	17.000	16.000	17.000	0.236	A
3	60742058	25.000	46.500	15.000	-	-	0.156	B
4	JC 8005	25.000	62.000	20.000	29.500	29.500	0.395	A
5	LO-64	25.400	53.975	28.575	-	-	0.079	B
6	2300-6872-10CS	28.000	80.000	21.000	21.000	21.000	0.582	A
7	R06A72PX1	30.000	56.000	30.000	-	-	0.270	B
8	TC 30001 (INA / FAG =87486, INA=722 0183 10, FERSA=F19075)	30.000	60.000	23.000	-	-	0.301	B
9	512533 (252P) (FERSA=F19019, FAG=512533, INA=31173,INA=F-87629, SKF =315145)	30.000	60.000	26.000	-	-	0.325	B
10	06 NU 0624 (SKF = 411919)	30.000	62.000	24.000	24.000	24.000	0.343	A
11	NU 2306/28	30.000	72.000	29.200	27.000	29.200	0.520	A
12	CFM-10	31.750	79.375	22.225	22.225	22.225	0.541	A



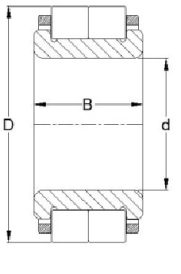
TURBO BEARINGS

Cylindrical Roller Bearings - Special

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)	Type
		d	D	B	C	T		
13	TC 35802 (FAG=510148 B, FERSA=F19043, INA=F-45818.01, INA=F45818)	34.993	80.000	23.000	23.000	23.000	0.520	A
14	NKZ 35X56X27	35.000	56.000	27.000	-	-	0.500	B
15	JC 8015	35.000	57.000	-	15.000	-	0.125	C
16	TC 35621 (INA=F 43710.1, FERSA=F19066)	35.000	62.100	19.000	16.700	19.000	0.210	A
17	UV35-5	35.000	65.000	27.000	-	-	0.338	B
18	MU 1307 X (RIVALTA=702)	35.000	67.942	21.000	-	-	0.310	B
19	TC 35001 (FAG=539351A,INA F=88545, FERSA=F19037)	35.000	68.000	25.000	-	-	0.370	B
20	TC 35722 (FAG= 510848)	35.000	72.000	23.000	23.000	23.000	0.445	A
21	MR 1307 TV (RIVALTA=699)	35.000	80.000	21.000	21.000	21.000	0.508	A
22	TC 35801 (SKF=316790,FAG=510148A, FERSA=F19012)	35.000	80.000	23.000	23.000	23.000	0.580	A
23	M 1206 E (TORRINGTON=M 1206 EL, FERSA=F19068)	(38.000)	62.000	-	16.000	-	0.176	C
24	TC 38831 (LBC CHNIA=BS 500052V, TORRINGTON=BS500052V, FERSA=F19067)	38.000	83.000	25.400	25.400	25.400	0.620	A
25	TC 38832 (TORRINGTON=BS226539V, FERSA=F19094)	38.000	83.000	25.400	25.400	25.400	0.635	A
26	TC 40001 (SKF=BC1B 246037 A, FERSA=F19065)	40.000	74.000	29.000	-	-	0.490	B
27	403635	45.000	90.000	-	23.000	-	0.570	C
28	NS 1909 L (SKF=314984,INA=F45814, FAG=505563A, FERSA=F19015)	45.000	95.000	32.000	28.000	32.000	1.070	A
29	TC 451004 (FAG 508204 E.TVP, INA 561521, FERSA=F19044)	45.000	100.000	25.000	25.000	25.000	0.865	A
30	191584	46.000	80.000	23.500	23.000	23.000	0.500	A
31	TC 00801 (INA=F 237594, INA=F-226559.02-0010, FERSA=F19069)	47.500	80.000	26.500	-	-	0.442	C



TYPE A



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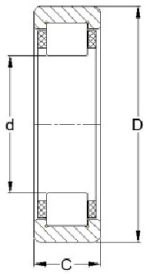
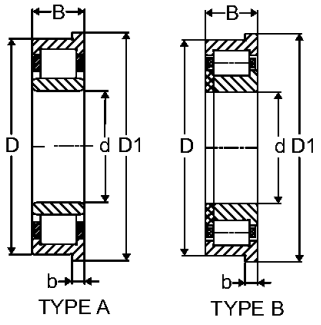


TYPE C

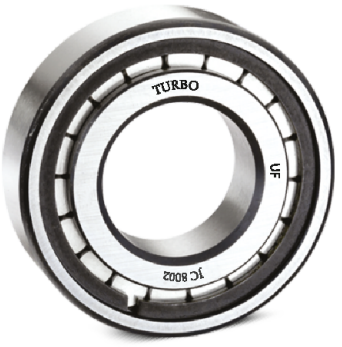
Cylindrical Roller Bearings - Special

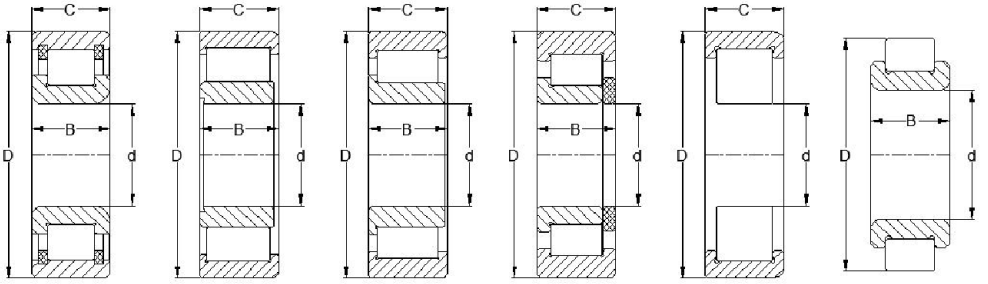
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)	Type
		d	D	B	C	T		
32	**TC 501102 (SKF=BC1 0125, FERSA=F19071)**	50.000	110.000	32.300	27.000	32.300	1.288	A
33	**TC 501101 (SKF=BC1 0058, SKF=VKT 8853, FERSA=F19070)**	50.000	110.000	32.300	27.000	32.300	1.375	A
34	**TC 551041 (INA=F-221302.1, FERSA=F19097)**	55.000	104.000	27.000	27.000	27.000	0.950	A
35	**TC 601102 (FAG=804339, FERSA=F19042)**	60.000	110.000	28.000	28.000	28.000	1.110	A
36	**TC 63001 (INA=F90836.1A, INA=722020710, FERSA=F19016)**	63.000	97.500	34.800	-	-	0.720	B
37	**TC 63002 (INA=F888162.2, FERSA=F19038)**	63.000	97.500	37.500	-	-	0.760	B
38	**TC 671011 (INA=F 211413.2, SKF=VKT 8906, FERSA=F19061)**	67.000	101.000	32.000	-	-	0.665	B
39	**TC 671012 (INA=F 211408.5, FERSA=F19062)**	67.000	101.000	38.000	-	-	0.720	B
40	**RNU 1024**	135.000	180.000	-	28.000	-	1.800	C



Cylindrical Roller Bearings - With Flanged Outer

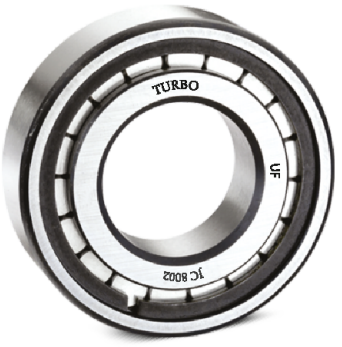
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)	Type
		d	D	D1	B	b		
1	**TC 501001 (SKF=BC1B 322467/HB3, FERSA=F19046)**	50.000	100.000	106.000	25.000	6.000	1.030	B
2	**TC 601101 (FAG=512099TVP2, FAG=Z-512099.ZL-TVP2,INA=F-45809, INA=F-45809.01.ZL,INA=F-45809.01. ZL-AM,SKF=315070 B, FERSA=F19011)**	60.000	110.000	116.000	22.000	8.000	0.970	A
3	**TC 601161 (SKF=BC1B 322172 A, FERSA=F19047)**	60.000	110.000	116.000	28.000	23.000	1.410	B
4	**TC 601301 (SKF=635245,FAG=540106, FERSA=F19009)**	60.000	130.000	136.850	31.000	5.000	0.079	B
5	**TC 651402 (SKF=BC1B 319546C/VB017, FERSA= F19064)**	65.000	140.000	146.000	33.000	8.000	2.420	B
6	**TC 651401 (FAG=539859D, FAG=805449, FAG=Z-539859.ZL, FERSA=F19010)**	65.000	140.000	147.750	33.350	5.000	2.700	B
7	**TC 801401 (FAG=805450, SKF=546268J, SKF=BC1B 312219, FERSA=F19039)**	80.000	140.000	147.000	33.500	5.100	2.340	B
8	**TC 801501 (SKF=BC1B 319552, FAG=566616 B, ZF=0750 118 131 ZF, FERSA=F19008)**	80.000	150.000	157.022	27.500	5.000	2.430	B
9	**TC 851501 (FAG=NUP 524213 M,FERSA=F19022)**	84.980	150.000	157.022	27.500	5.000	2.300	B
10	**TC 851502 (FAG=524213, FERSA=F19018)**	84.980	150.000	157.022	28.000	5.000	2.300	B

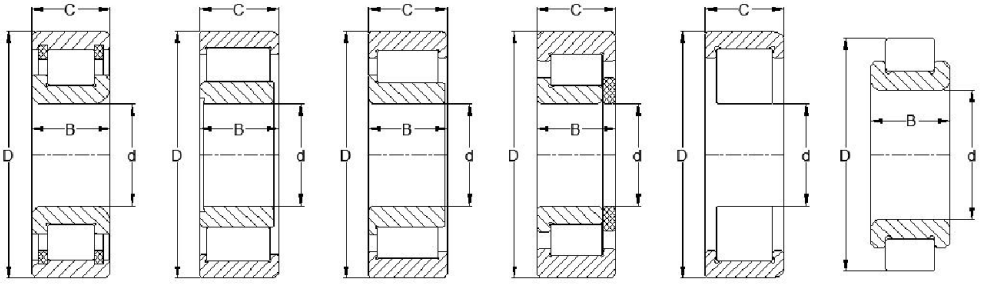




Single Row Cylindrical Roller Bearings - Full Compliment

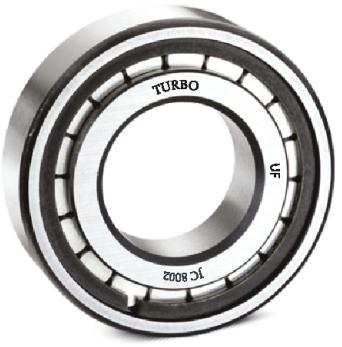
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)	Type
		d	D	B	C		
1	TC 24001 (TORRINGTON=544740 B, FERSA=F19032)	24.000	38.700	17.000	-	0.070	F
2	NK30.5x50x17-1Px1R Z24x34x19PX1	24.000	50.000	19.000	17.000	0.170	C
3	TC 25522 (NACHI & SKF=NUPK 2205 S1 NR, FERSA=F19023)	25.000	52.000	18.000	18.000	0.180	D
4	TC 25521 (NACHI & SKF=NUPK 2205 S13, FERSA=F19004)	25.000	52.000	20.600	18.000	0.190	D
5	NU 2305 VH	25.000	62.000	24.000	24.000	0.350	B
6	TC 00561	29.500	56.000	-	16.000	0.160	E
7	SL18 3006 A	30.000	55.000	19.000	19.000	0.188	A
8	TC 30621 (JC 8002,CBK 239, FERSA=19031, INA=F 44501)	30.000	61.935	19.050	19.050	0.280	A
9	TC 30801 (TORRINGTON=MUS 1307 TM, FERSA=F19078)	30.000	80.000	21.000	21.000	0.550	A
10	TC 00551 (TORRINGTON=TJ-600-167, INA=F-93249,INA=F-934249.01, FERSA=F19005)	30.500	54.600	-	22.000	0.240	E
11	TC 00552 (NACHI=31RUKSS2N C3 R, FERSA=F19079)	31.100	55.000	-	20.000	0.190	E
12	BC1-0013A (SNR=N.12680.S04.H100)	31.990	62.000	18.000	18.000	0.232	A
13	34RUS64N (FERSA=F19167)	34.000	64.000	-	22.000	0.275	E
14	TC 35622 (INA=F 84874-10)	34.990	62.000	40.000	20.000	0.285	B
15	TC 35721 (SKF=BC1B 320297 C,SNR=NF-12190, TORRINGTON=RU 1570 UM, FERSA=F19035,NRB=JC 8018A)	35.000	72.000	20.650	20.650	0.380	A
16	TC 35804 (BOWER=MU 1307 TH, TORRINGTON=MU 1307 TM FERSA=F19077)	35.000	80.000	21.000	21.000	0.500	A
17	MU 1307 GUM(RIVALTA=700, FERSA=F19144)	35.000	80.000	21.000	21.000	0.530	A
18	MU 1307 UM (FERSA=F19100, TORRINGTON=MUB1307UBM)	35.000	80.000	21.000	21.000	0.530	A

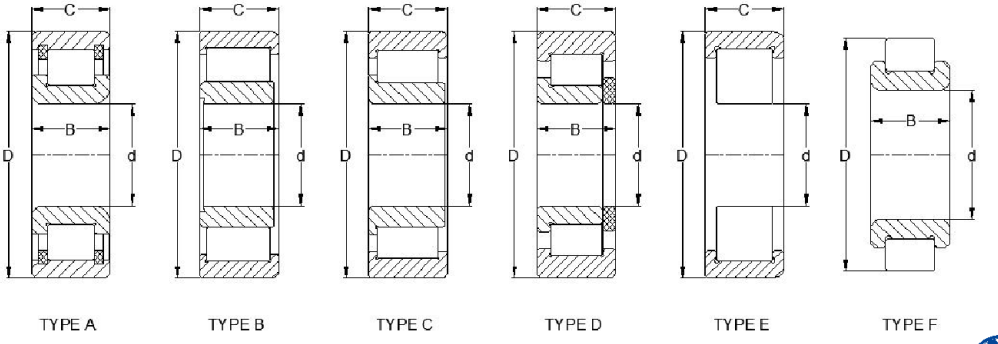




Single Row Cylindrical Roller Bearings - Full Compliment

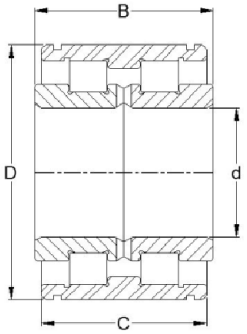
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)	Type
		d	D	B	C		
19	TC 35803 (INA=F-45864.1, FERSA=F19020)	35.000	80.000	22.000	22.000	0.530	D
20	MUB7307UM (FERSA=F19099)	35.000	80.000	26.000	26.000	0.670	A
21	SC070902JVNA	35.000	90.000	23.000	23.000	0.156	A
22	TC 36001 (INA=F 93666.2, FERSA=F19048)	36.000	56.300	20.000	-	0.168	F
23	TC 38901 (SKF=BC1B 246747, SKF=VKT 8779,FERSA=F19014)	38.000	90.000	22.000	23.000	0.750	C
24	TC 38941 (FAG=580989, FERSA=F19076)	38.000	94.000	31.500	33.000	1.169	C
25	907/50200 (F-49285)	40.000	61.740	32.000	-	0.305	F
26	TC 00621	40.000	62.000	-	14.500	0.155	E
27	TC 40901 (TORRINGTON=NJ 308 VHNR.C4, SKF=315823, SKF=NJ 308 VHNR.C4, SKF=VKT 8783, FERSA=F19006)	40.000	90.000	23.000	23.000	0.690	C
28	TC 40904 (TORRINGTON=MU 1308 UM,FERSA=F19034)	40.000	90.000	23.000	23.000	0.714	A
29	TC 40902 (INA=F-210540,FERSA=F19013)	40.000	90.000	24.900	27.000	0.810	B
30	TC 40903 (INA=F-390645.NCF, SKF=BC1B 322201 B,TORRINGTON=RU 9008 UM,FERSA=F19033)	40.000	90.000	25.000	25.000	0.740	A
31	TC 40941 (FERSA=F19089,FAG=575867, SKF=BC1B 326120/HB1, SKF=VKT 8875)	40.000	94.000	30.000	30.000	1.000	C
32	NS1909 B (NRB=JC 8025,FAG=805641)	45.000	95.000	32.000	31.000	1.086	C
33	TC 451002 (TORRINGTON=NJ 309 VH.NR.C4, INA=F45917,SKF=315824, SKF=NJ 309 VHNRC4, SKF=VKT 8784,FERSA=F19002)	45.000	100.000	25.000	25.000	0.960	C
34	TC 451003 (SKF & TORRINGTON= NUP 309 VH. NR.C4,FERSA=F19003)	45.000	100.000	25.000	25.000	0.990	D
35	NUPK 309 NR	45.000	100.000	25.000	25.000	1.008	D



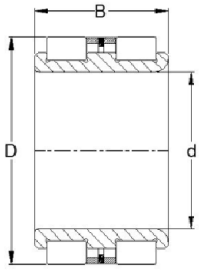


Single Row Cylindrical Roller Bearings - Full Compliment

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)	Type
		d	D	B	C		
36	TC 451008 (FERSA=F19081,FAG=563809, FAG=563809 A,SKF=BC1B 322722, SKF=VKT 8999)	45.000	100.000	31.000	31.000	1.200	C
37	TC 451005 (FAG=566949,SKF=BC1B 320308 A, SNR=NF12192S01, TORRINGTONMUB=7309 UM, FERSA=F19063)	45.000	100.000	31.000	31.000	1.175	A
38	TC 451001 (FAG=805262, SKF=NJG 2309 VHNR/C3, SKF=VKT 8796,FERSA=F19001)	45.000	100.000	36.000	36.000	1.360	C
39	TC 451006 (SKF=NJG 2309 VH/C3 Vb027, SKF=VKT 8628, FERSA=F19080, P12028)	45.000	100.000	36.000	36.000	1.360	C
40	TC 451007 (SKF=NJG2309NRVH/2309NVH)	45.000	100.000	36.000	36.000	1.415	C
41	TC 50801 (FERSA=F19030,FLT=CBK 238)	49.930	80.000	15.000	15.000	0.270	A
42	JC 8003 (CBK 238)	49.930	80.000	15.000	15.000	0.270	A
43	561804 (889= 561804 IR)	50.000	-	25.000	-	0.135	F
44	JC 8007	50.000	80.000	-	18.500	0.345	E
45	NUPK 310 NR	50.000	110.000	27.000	27.000	1.300	D
46	MU1210 RUMW772 (RIVALTA=698)	50.800	90.000	20.000	20.000	0.550	A
47	TC 00851	55.000	85.000	-	18.500	0.360	E
48	NUPK 311 NR	55.000	120.000	29.000	29.000	1.640	D
49	TC 00852	57.000	85.000	-	18.500	0.350	E
50	TC 00901 (8843)	60.000	90.000	-	18.500	0.395	E
51	MU 1212 RUMW3 (FERSA=F19088)	60.000	110.000	22.000	22.000	0.910	A
52	NUPK 312 NR	60.000	130.000	31.000	31.000	2.040	D
53	Z-563799.RZL	150.000	185.000	-	26.000	0.300	E



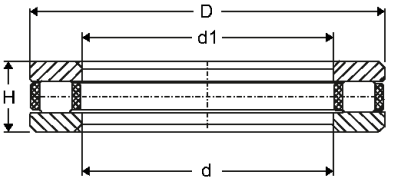
TYPE A

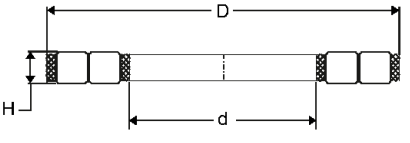


TYPE B

Double Row Cylindrical Roller Bearings - Full Compliment

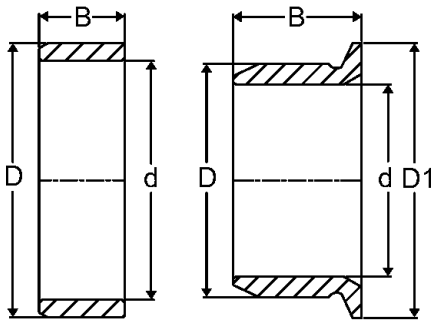
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)	Type
		d	D	B	C		
1	F-210408	22.000	38.750	22.500	-	0.105	B
2	F-208098	35.000	52.100	26.500	-	0.190	B
3	F-208099	40.000	57.800	34.000	-	0.290	B
4	SL04 5008N/NNF 5008 ADA-2LSV	40.000	68.000	38.000	37.000	0.500	A
5	50x59x40	50.000	-	40.000	-	0.140	B
6	SL04 5010N/NNF 5010 ADA-2LSV	50.000	80.000	40.000	39.000	0.690	A
7	SL04 5013N/NNF 5013 ADA-2LSV	65.000	100.000	46.000	45.000	1.210	A
8	SL04 5014N/NNF 5014 ADA-2LSV	70.000	110.000	54.000	53.000	1.810	A
9	SL04 5016N/NNF 5016 ADA-2LSV	80.000	125.000	60.000	58.700	2.600	A





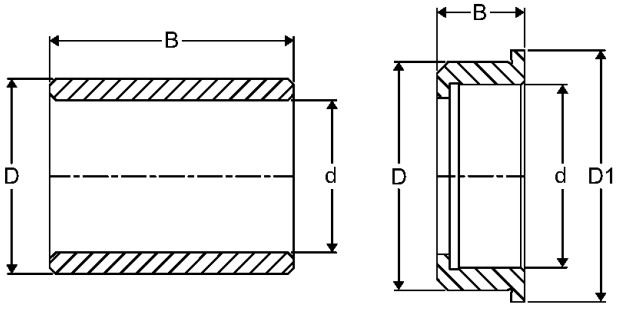
Cylindrical Roller Thrust Bearings / Cage Assembly

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	H	
1	F-226204	30.000	30.000	51.516	17.500	0.140
2	TH 40681 (FERSA=F19180)	40.000	42.000	68.000	18.000	0.250
3	TH 43831 (Cage Assy.)	43.300	-	82.300	7.000	0.090
4	F-231242.5	44.500	44.500	70.900	16.000	0.225
5	962210	50.000	50.000	104.600	21.000	0.775
6	TH 60841	60.000	60.000	84.700	17.000	0.273
7	TH 631061 (Cage Assy.)	63.600	-	106.000	8.000	0.270



Automotive Parts - Ground Sleeves

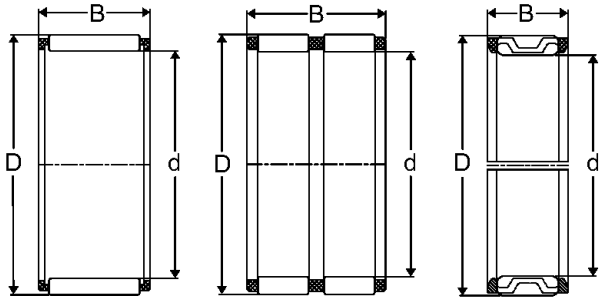
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	D1	B	
1	RING 100x105x24.5 (Elring=04760700EZ0050,O.E. No.=442.031.0627 tb)	100.000	105.000	-	24.500	0.150
2	RING 100x105/110x19 (Elring=08342700EZ0050,O.E. No.=51.02130.0012 tb)	100.000	105.000	110.000	19.000	0.125
3	RING 110x145x32 (Elring=01216500EZ9999,O.E.No.=355.356.125tb)	110.000	145.000	-	32.000	1.675
4	RING 115x120x21 (Elring=08342890EZ0050,O.E.No.=403.032.0309 tb)	115.000	120.000	-	21.000	0.155
5	RING 115x145x32 (Elring=03808400EZ9999,O.E.No.=346.356.1415 tb)	115.000	145.000	-	32.000	1.460
6	RING 119x145x26 (Elring=01216600EZ9999,O.E.No.=946.356.0015 tb)	119.000	145.000	-	26.000	1.020



Automotive Parts - Ground Bushes

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	D1	B	
1	Bush for Cluster Gear (TW)	22.000	28.000	-	12.000	0.020
2	Bush for Lay Shaft (TW)	24.000	30.000	33.000	10.000	0.021
3	External Ring (TR)	27.000	33.000	-	16.100	0.033
4	Bush for Diff. Pinion (TW)	31.000	40.000	-	19.000	0.072

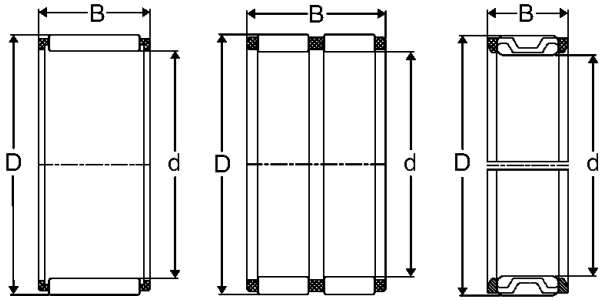
TW = Three Wheeler, TR=Tractor Part



TURBO® BEARINGS

Needle Roller Bearings

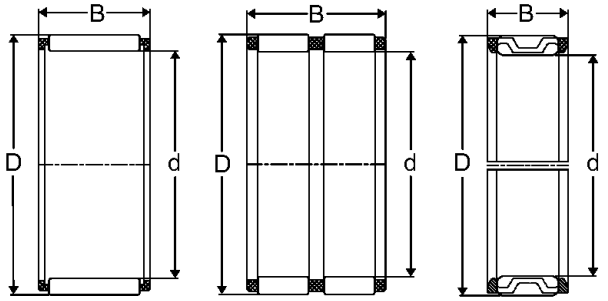
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)			MASS (~Kg.)	Type
		d	D	B		
1	**15 x 21 x 15**	15.000	21.000	15.000	0.013	A
2	**15 x 21 x 17**	15.000	21.000	17.000	0.014	A
3	**B 16 x 22 x 12**	16.000	22.000	12.000	0.005	A
4	**16 x 22 x 16**	16.000	22.000	16.000	0.014	A
5	**18 x 24 x 12**	18.000	24.000	12.000	0.010	A
6	**20 x 26 x 16**	20.000	26.000	16.000	0.014	A
7	**20 x 27 x 30**	20.000	27.000	30.000	0.035	A
8	**22 x 26 x 28.5**	22.000	26.000	28.500	0.020	B
9	**22 x 30 x 15**	22.000	30.000	15.000	0.023	A
10	**25 x 30 x 17**	25.000	30.000	17.000	0.015	A
11	**25 x 30 x 20**	25.000	30.000	20.000	0.021	A
12	**25 x 31 x 17**	25.000	31.000	17.000	0.020	A
13	**25 x 32 x 16**	25.000	32.000	16.000	0.029	A
14	**25R3324B-1**	25.000	33.000	24.000	0.052	A
15	**25 x 35 x 24**	25.000	35.000	24.000	0.062	A
16	**WA 2025**	25.000	35.000	30.000	0.080	A
17	**PCJ162116**	25.400	33.338	25.400	0.045	A
18	**25UR3525A**	25.500	35.000	24.500	0.056	A
19	**WA 2028**	26.000	40.000	26.000	0.098	A
20	**28 x 33 x 17**	28.000	33.000	17.000	0.020	A
21	**28 x 44 x 24**	28.000	44.000	24.000	0.118	A
22	**7050**	28.000	48.000	24.000	0.158	A
23	**7050 Poly cage (25mm)**	28.000	48.000	30.800	0.165	A
24	**29 x 34 x 17**	29.000	34.000	17.000	0.019	A
25	**29 x 34 x 24**	29.000	34.000	24.000	0.028	A
26	**30 x 37 x 16**	30.000	37.000	16.000	0.027	A
27	**30 x 37 x 20**	30.000	37.000	20.000	0.034	A
28	**485P (SILVER PLATED - 2PIECE)**	30.000	39.000	20.700	0.047	C
29	**WA 2030**	30.000	42.000	30.000	0.108	A
30	**32 x 42 x 18**	32.000	42.000	18.000	0.049	A
31	**32 x 52 x 25**	32.000	52.000	25.000	0.180	A
32	**32 x 52 x 31**	32.000	52.000	31.000	0.210	A
33	**486P (SILVER PLATED - 2PIECE)**	36.000	46.000	20.700	0.065	C
34	**K 37 x 57 x 30.5**	37.000	57.000	30.500	0.220	A
35	**38 x 54 x 35**	38.000	54.000	35.000	0.195	A
36	**38 x 54 x 38**	38.000	54.000	38.000	0.215	A
37	**40 x 50 x 27**	40.000	50.000	27.000	0.085	A
38	**42 x 47 x 27**	42.000	47.000	27.000	0.044	A
39	**42 x 52 x 36**	42.000	52.000	36.000	0.100	B
40	**45 x 52 x 36**	45.000	52.000	36.000	0.110	A
41	**7220392 (45 x 53 x 21)**	45.000	53.000	21.000	0.058	A
42	**47 x 52 x 27**	47.000	52.000	27.000	0.052	A
43	**48 x 53 x 17**	48.000	53.000	17.000	0.035	A
44	**49 x 65 x 38**	49.000	65.000	38.000	0.070	A



TURBO® BEARINGS

Needle Roller Bearings

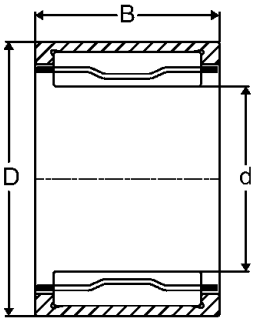
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)			MASS (~Kg.)	Type
		d	D	B		
45	50 x 55 x 17	50.000	55.000	17.000	0.034	A
46	50 x 55 x 20	50.000	55.000	20.000	0.040	A
47	9885-50109	50.000	55.000	28.000	0.060	A
48	50 x 55 x 30	50.000	55.000	30.000	0.060	A
49	K NU 2308 - AJP1	52.000	80.060	26.000	0.375	A
50	56 x 72 x 35	56.000	72.000	35.000	0.195	A
51	7220101 (57 x 63 x 42.5)	57.000	63.000	42.500	0.083	B
52	9885-58103	58.000	63.000	33.000	0.085	A
53	7220399 (58 x 65 x 35.5)	58.000	65.000	35.500	0.110	B
54	9810 ST	58.570	66.570	30.000	0.108	A
55	9810 AL	58.570	66.570	30.000	0.093	A
56	90-9009	60.000	66.000	23.000	0.065	A
57	K 60 x 66 x 54	60.000	66.000	54.000	0.155	B
58	9883-40107	60.000	68.000	25.000	0.095	A
59	K 60 x 68 x 53.8	60.000	68.000	53.800	0.205	B
60	62 x 68 x 21	62.000	68.000	21.000	0.055	A
61	80006	62.000	68.000	42.000	0.125	B
62	62 x 68 x 42	62.000	68.000	42.000	0.060	B
63	7220402 (62 x 70 x 40)	62.000	70.000	40.000	0.150	B
64	63.6 x 71.6 x 19.5	63.600	71.600	19.500	0.065	A
65	80005	63.600	71.600	38.500	0.115	B
66	K 65 x 73 x 30	65.000	73.000	30.000	0.115	A
67	K 67 x 75 x 36.7	67.000	75.000	36.700	0.175	B
68	70 x 76 x 40	70.000	76.000	40.000	0.135	B
69	70 x 78 x 19.8	70.000	78.000	19.800	0.082	A
70	70 x 78 x 37 (INA=F-87259,FERSA=F 17053 K)	70.000	78.000	37.000	0.150	B
71	70 x 78 x 39	70.000	78.000	39.000	0.050	B
72	70 x 78 x 40	70.000	78.000	40.000	0.167	B
73	7220130 (70 x 78 x 43) (INA=722013010,INA=F-58637, FERSA=F 17101 K)	70.000	78.000	43.000	0.205	B
74	70 x 78 x 46	70.000	78.000	46.000	0.196	B
75	7220408 (72 x 88 x 40) (INA=F-204691,FERSA=F 17076 K)	72.000	80.000	40.000	0.180	B
76	K 75 x 83 x 23	75.000	83.000	23.000	0.100	A
77	75 x 83 x 35	75.000	83.000	35.000	0.160	B
78	K 75 x 83 x 48	75.000	83.000	48.000	0.235	B
79	K 75 x 83 x 54.5	75.000	83.000	54.500	0.290	B
80	TN 771011 (INA=F-229852,FERSA=F19087)	77.000	101.000	28.500	0.400	A
81	K 78 x 86 x 32.5	78.000	86.000	32.500	0.182	B
82	K 78 x 86 x 34.8	78.000	86.000	34.800	0.188	B
83	7220191 (80 x 88 x 34.5)	80.000	88.000	34.500	0.178	B

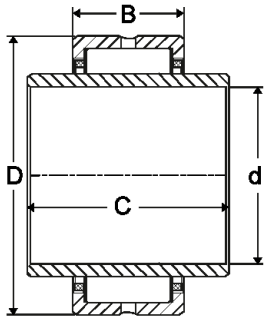


TURBO® BEARINGS

Needle Roller Bearings

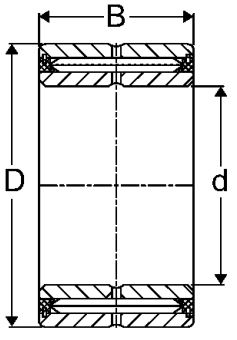
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)			MASS (~Kg.)	Type
		d	D	B		
84	**80 x 88 x 40**	80.000	88.000	40.000	0.190	B
85	**7220410 (80 x 88 x 46)**	80.000	88.000	46.000	0.230	B
86	**K 80 x 88 x 55**	80.000	88.000	55.000	0.320	B
87	**7220163 (82 x 90 x 49.5)**	82.000	90.000	49.500	0.255	B
88	**7220091 (82 x 94 x 36)**	82.000	94.000	36.000	0.280	A
89	**K 85 x 93 x 45.5**	85.000	93.000	45.500	0.270	B
90	**K 85 x 93 x 63 (INA F-227349,FERSA=F 17091 K)**	85.000	93.000	63.000	0.377	B
91	**K 86 x 102 x 18**	86.000	102.000	18.000	0.160	A
92	**K 89 x 97 x 40.2 (INA=F-219518,FERSA=F 17034 K)**	89.000	97.000	40.200	0.220	A
93	**K 90 x 98 x 40**	90.000	98.000	40.000	0.265	B
94	**K 90 x 98 x 46 (INA=F-203030,FERSA=F 17095 K)**	90.000	98.000	46.000	0.288	B
95	**K 90 x 98 x 49.8**	90.000	98.000	49.800	0.325	B
96	**K 90 x 98 x 54.5**	90.000	98.000	54.500	0.345	B
97	**7220411 (95 x 103 x 39.5)**	95.000	103.000	39.500	0.230	B
98	**K 95 x 103 x 60 (INA=F-227348,FERSA=F 17092 K)**	95.000	103.000	60.000	0.400	B
99	**K 96 x 104 x 55 (INA=F-212874.01,FERSA=F 17039 K)**	96.000	104.000	55.000	0.375	B





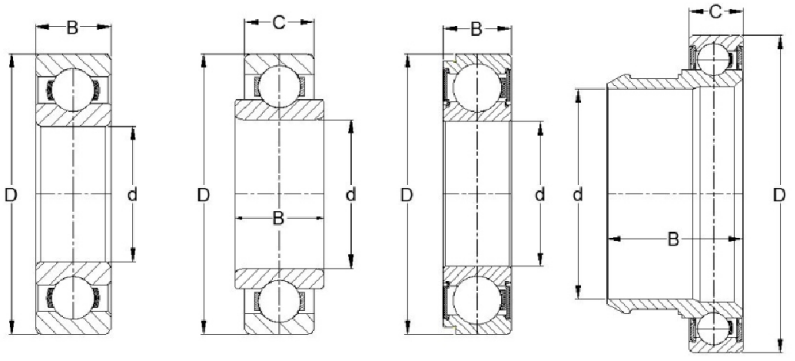
Needle Roller Bearings :- NK Type

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	B	C	
1	**SJ-74882**	28.580	46.040	31.800	-	0.185
2	**R-0921**	32.766	49.213	28.575	-	0.185
3	**NK 34 x 50 x 35**	34.000	50.000	35.000	-	0.195
4	**SJ-74884**	34.700	49.220	38.160	-	0.265
5	**NKS40**	34.990	55.000	22.000	40.000	0.230
6	**NK 44 x 65 x 40**	44.000	65.000	40.000	-	0.397
7	**NK 45 x 65 x 40**	45.000	65.000	40.000	-	0.369



Needle Roller Bearings :- Full Compliment Type

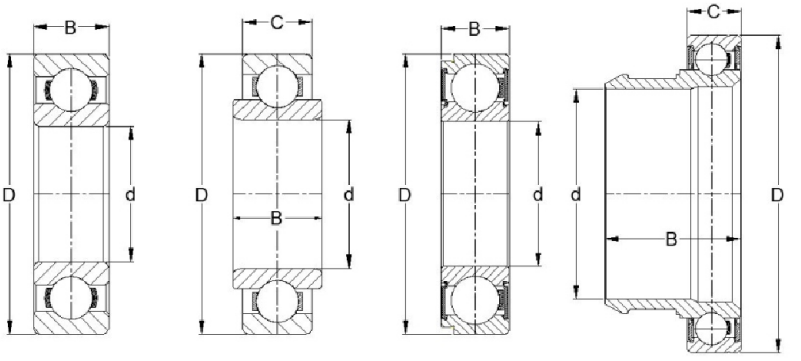
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)			MASS (~Kg.)
		d	D	B	
1	**111.125 x 104.9 x 38.30**	88.900	111.125	38.300	0.920
2	**117.50 x 109.8 x 38.30**	95.250	117.475	38.300	0.900
3	**B7220 (Torrington=I-708265, NAAS 3296)**	114.300	152.400	51.050	2.700



TURBO BEARINGS

Deep Groove Ball Bearings

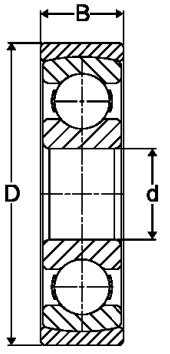
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	B	C	
1	**LS 8**	19.050	47.625	14.287	-	0.120
2	**6004**	20.000	42.000	12.000	-	0.070
3	**6204**	20.000	47.000	14.000	-	0.117
4	**6304**	20.000	52.000	15.000	-	0.151
5	**6304 WF (445)**	20.000	52.000	15.000	-	0.147
6	**6005**	25.000	47.000	12.000	-	0.080
7	**6205**	25.000	52.000	15.000	-	0.132
8	**25TM41**	25.000	60.000	18.000	-	0.210
9	**19341**	25.000	62.000	14.000	-	0.200
10	**6305**	25.000	62.000	17.000	-	0.248
11	**62305-2RS**	25.000	62.000	22.000	24.000	0.325
12	**TB 25751 (SNR=AB 40559)**	25.000	75.000	17.000	-	0.340
13	**6405**	25.000	80.000	21.000	-	0.530
14	**62/28**	28.000	58.000	16.000	-	0.171
15	**63/28**	28.000	68.000	18.000	-	0.300
16	**6006**	30.000	55.000	13.000	-	0.116
17	**6206**	30.000	62.000	16.000	-	0.197
18	**6306**	30.000	72.000	19.000	-	0.373
19	**6406**	30.000	90.000	23.000	-	0.740
20	**MS 12**	31.750	79.375	22.225	-	0.484
21	**62/32**	32.000	65.000	17.000	-	0.225
22	**16007**	35.000	62.000	9.000	-	0.110
23	**6007**	35.000	62.000	14.000	-	0.156
24	**6207**	35.000	72.000	17.000	-	0.295
25	**TM 207**	35.000	72.000	17.000	-	0.260
26	**88507 (JB 1030 W)**	35.000	72.000	23.000	17.000	0.342
27	**6307**	35.000	80.000	21.000	-	0.472
28	**35TM11**	35.000	80.000	23.000	-	0.450
29	**6008**	40.000	68.000	15.000	-	0.190
30	**BL 208**	40.000	80.000	18.000	-	0.400
31	**6208**	40.000	80.000	18.000	-	0.402
32	**6308**	40.000	90.000	23.000	-	0.627
33	**6308YA9-RS1**	40.000	90.000	23.000	-	0.610
34	**6009**	45.000	75.000	16.000	-	0.240
35	**6209**	45.000	85.000	19.000	-	0.410
36	**88509**	45.000	85.000	27.000	21.000	0.500
37	**6309**	45.000	100.000	25.000	-	0.820
38	**6010**	50.000	80.000	16.000	-	0.293
39	**6210**	50.000	90.000	20.000	-	0.470
40	**6310**	50.000	110.000	27.000	-	1.078
41	**6211**	55.000	100.000	21.000	-	0.625
42	**88511**	55.000	100.000	36.000	21.000	0.750
43	**BB1-3357 (SKF=BB1 3357,FERSA=F 18054)**	55.000	116.000	28.000	-	1.165

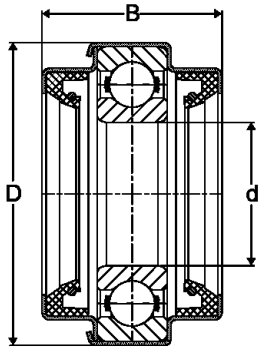


Deep Groove Ball Bearings

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	B	C	
44	**6311**	55.000	120.000	29.000	-	1.353
45	**6312AX12 C3**	55.000	130.000	31.000	-	1.900
46	**6012**	60.000	95.000	18.000	-	0.410
47	**6212**	60.000	110.000	22.000	-	0.760
48	**HTF 60TM01-G-3E**	60.000	116.000	28.000	-	1.065
49	**6312**	60.000	130.000	31.000	-	1.700
50	**6013**	65.000	100.000	18.000	-	0.444
51	**6213**	65.000	120.000	23.000	-	0.990
52	**BB1-3358**	65.000	125.000	23.000	-	1.180
53	**6313**	65.000	140.000	33.000	-	2.035
54	**16014**	70.000	110.000	13.000	-	0.430
55	**6214**	70.000	125.000	24.000	-	1.040
56	**BB1-3076 AB (SKF=BB1 3076,SKF=VKT 8692, FERSA=F 18053)**	70.000	140.000	26.000	-	1.690
57	**6314**	70.000	150.000	35.000		2.500
58	**CB 8052**	72.000	110.000	37.400	-	0.580
59	**6215/72**	72.000	130.000	25.000	-	1.230
60	**6015**	75.000	115.000	20.000	-	0.640
61	**6215**	75.000	130.000	25.000	-	1.160
62	**6315**	75.000	160.000	37.000	-	3.000
63	**601816 (CB0802)**	78.000	118.000	50.350	20.000	0.870
64	**TB 781181**	78.000	118.000	50.350	20.000	0.860
65	**6816**	80.000	100.000	10.000	-	0.155
66	**TB 801181**	80.000	118.000	44.000	20.000	0.830
67	**6216 (JB 1031)**	80.000	140.000	26.000	-	1.390
68	**BB1-3346 B**	80.000	140.000	26.000	-	1.440
69	**805045**	80.000	150.000	28.000	-	2.220
70	**602416**	80.250	122.000	50.000	22.000	0.825
71	**6017**	85.000	130.000	22.000	-	0.875
72	**6217**	85.000	150.000	28.000	-	1.800
73	**16017/90**	90.000	130.000	14.000	-	0.555
74	**539244B**	90.000	160.000	30.000	-	1.890

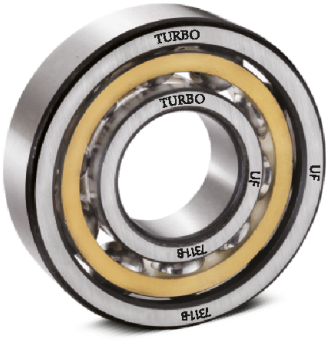
NOTE : Bearings with Z shield (Z, ZZ), Rubber seal (RS, 2RS), Snap ring groove & Snap ring (N, NR) are also available.

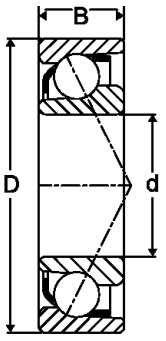




Ball Bearings - Special / Center Bearings

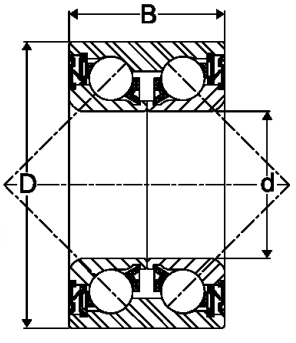
SR. NO.	BEARING NO.	APPLICATION	MASS (~Kg.)
1	**6011 WOS**	EICHER 11.10	1.010
2	**6011 WOS BZ**	TATA 3723 / BHARAT BENZ / LEYLAND U TRUCK	1.400
3	**6013 WOS**	PROPELLER SHAFT BEARING FOR TATA-2518/3118/4018, ASHOK LEYLAND	1.560
4	**6207 WOS**	TATA 407/1210	0.450
5	**6208 WOS**	TATA 1210/1312/1516/807/909/608	0.560
6	**6211 WOS**	PROPELLER SHAFT BEARING FOR TATA	1.857
7	**6211 WOS (MOD)**	CENTER BEARING FOR TATA-407/2213 - 4018 - ALL NEW MODELS	1.200
8	**62211 WOS**	TATA - 3118/2518 (RSB TYPE) CUT TYPE	2.100
9	**62211 WOS MOD**	TATA - 3118/2518 (RSB TYPE)	2.120
10	**88507A**	TATA 407 N/M WITH RUBBER & OIL SEAL, CENTER BEARING MAHINDRA SCORPIO	0.420
11	**88507 WOS**	TATA 407 N/M WITH RUBBER & OIL SEAL,CENTER BEARING MAHINDRA SCORPIO	0.682
12	**88507 WOS WB**	C.B.ASSY.WITH BRACKET FOR SCORPIO (MSL TYPE)	0.720
13	**88509A**	CENTER BEARING FOR TATA-407 EX / 709EX /909EX /1109 EX,EICHER JUMBO -SPICER TYPE	0.620
14	**88509 WOS**	CENTER BEARING FOR TATA-407 EX / 709EX /909EX /1109 EX,EICHER JUMBO -SPICER TYPE	1.090
15	**88511A**	CENTER BEARING FOR TATA-2416/2518	0.900
16	**88511 WOS**	CENTER BEARING FOR TATA-2416/2518	1.300
17	**88512 WOS**	CENTER BEARING 3118/4018 SPICER TYPE	1.610
18	**88512 WOS -AL**	CENTER BEARING FOR ASHOK LEYLAND WITH RUBBER (MSL TYPE)	2.000
19	**88508 WOS**	CENTER BEARING TATA LCV (407/609/709/1109 ALL EX MODELS)	0.940
20	**7240 WOS**	EICHER MITSHUBISHI - CANTER WITH RUBBER & OIL SEAL	0.870
21	**TB 4012 WOS**	TATA - 3118/2518 (RSB TYPE) CUT TYPE	1.170
22	**MSN 14**	ASHOK LEYLAND PROPELLER SHAFT BEARING FOR LEYLAND 2 214HINO,COMET CHEETAL, CHEETAH,SUPER COMETE COMET 1312/1412/1512	1.450

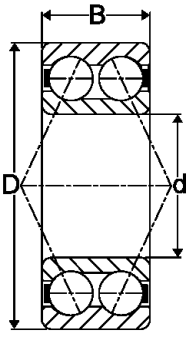




Angular Contact Ball Bearings

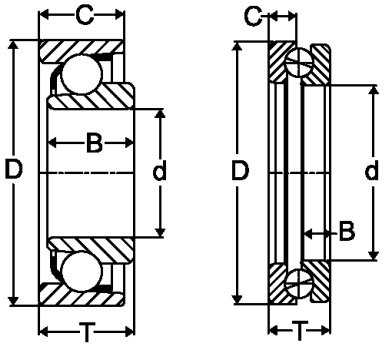
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)			MASS (~Kg.)
		d	D	B	
1	**7303 B**	17.000	47.000	14.000	0.110
2	**M 25**	25.000	62.000	17.000	0.240
3	**7206B**	30.000	62.000	16.000	0.197
4	**7210B**	50.000	90.000	20.000	0.540
5	**7311-B**	55.000	120.000	29.000	1.375
6	**7314-B**	70.000	150.000	35.000	2.645
7	**7015A**	75.000	115.000	20.000	0.735
8	**307536A**	110.000	170.000	21.000	1.810





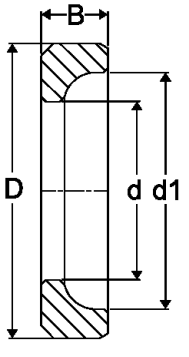
Double Raw Angular Contact Ball Bearings / Hub Bearings

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)			MASS (~Kg.)
		d	D	B	
1	**510478B**	20.000	52.000	22.200	0.270
2	**527352**	20.000	52.000	22.500	0.320
3	**803374**	35.000	68.000	37.000	0.540
4	**5207**	35.000	72.000	27.000	0.430
5	**5307**	35.000	80.000	34.900	0.735
6	**3208**	40.000	80.000	30.200	0.580
7	**TA 48931**	48.000	93.000	37.000	1.010



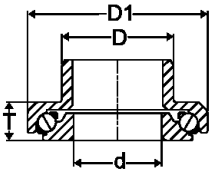
Angular Contact Ball Bearings - Special

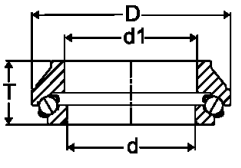
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)
		d	D	B	C	T	
1	**INT 53**	16.000/ 21.500	46.825	9.000	8.000	17.110	0.18
2	**ACS0405J-4MG**	19.500	47.000	9.000	13.500	13.000	0.080
3	**JB-1003**	19.600	51.000	10.000	8.500	14.500	0.112
4	**ACS0405I4**	20.000	47.000	14.250	11.100	14.350	0.095
5	**18313a (Thrust)**	26.600	43.035	5.500	5.500	12.500	0.075
6	**1871z155 (Thrust)**	26.650	43.035	5.550	5.550	12.500	0.075
7	**074151 (Thrust)**	30.000	48.000	5.500	5.500	11.900	0.079
8	**BT30-5A [STG (T) 72]**	30.000	72.000	19.000	21.250	20.700	0.390
9	**200185 (Thrust)**	34.000	51.000	5.500	5.500	12.000	0.080

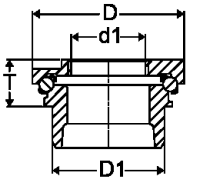


Angular Contact Steering Bearings

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	B	
1	**PY 1.20**	21.100	28.000	34.885	7.900	0.028
2	**FS 1.20**	30.000	41.050	49.200	11.000	0.105
3	**EB 37.20**	30.000	41.050	52.000	13.700	0.160

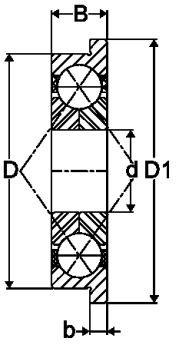


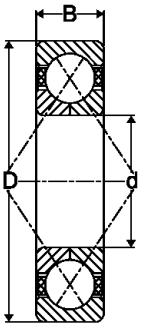




Steering Bearings / Components For Three Wheelers

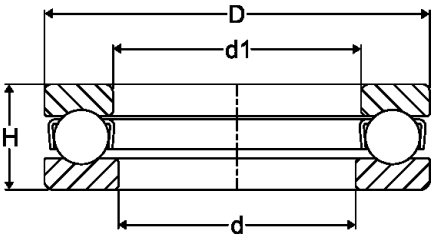
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)
		d	d1	D	D1	T	
1	**Adjuster Ring/Ball Race**	-	M35x1.5	66.500	49.000	20.550	0.370
2	**L03078/L03178**	32.000	-	49.500	55.000	13.350	0.110
3	**Upper Cone/Lower Cone**	40.000	-	49.000	69.000	17.000	0.320
4	**L02878/L02378**	56.000	-	60.000	88.000	17.350	0.345
5	**Upper Cone30°/Lower Cone30°**	56.000	58.000	87.000	-	28.000	0.430





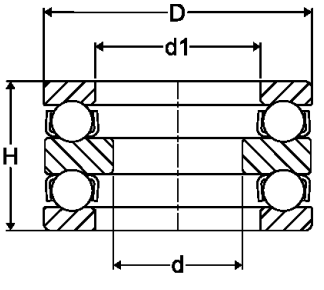
Four Point Contact Ball Bearings

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)
		d	D	D1	B	b	
1	**SB 3512**	22.000	48.000	-	36.000	-	0.350
2	**509732**	25.000	68.000	72.900	19.000	7.000	0.380
3	**517204**	25.000	68.000	72.900	19.000	7.000	0.380
4	**508461 B**	28.000	80.000	90.000	19.000	6.000	0.630
5	**QJ 207 MPA**	35.000	72.000	-	17.000	-	0.350
6	**QJ 307**	35.000	80.000	-	21.000	-	0.560
7	**QJ 208 MPA**	40.000	80.000	-	18.000	-	0.455
8	**QJ 308**	40.000	90.000	-	23.000	-	0.670
9	**QJ 209 MPA**	45.000	85.000	-	19.000	-	0.520
10	**QJ 309 MPA**	45.000	100.000	-	25.000	-	1.050
11	**QJ 309 (St.Cage)**	45.000	100.000	-	25.000	-	0.940



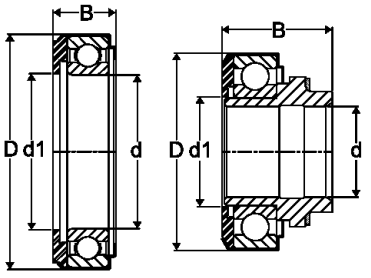
Thrust Ball Bearings - Single Direction

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	H	
1	**28TAG12**	28.000	28.500	51.600	15.800	0.130
2	**51206**	30.000	32.000	52.000	16.000	0.140
3	**51107**	35.000	37.000	52.000	12.000	0.085
4	**51207**	35.000	37.000	62.000	18.000	0.220
5	**51108**	40.000	42.000	60.000	13.000	0.125
6	**51208**	40.000	42.000	68.000	19.000	0.275
7	**2546**	44.450	45.360	74.612	22.225	0.375
8	**51109**	45.000	47.000	65.000	14.000	0.140
9	**51209**	45.000	47.000	73.000	20.000	0.300
10	**2547**	55.562	56.480	84.137	22.225	0.430
11	**2548**	66.675	68.000	104.775	28.575	0.895
12	**51216**	80.000	82.000	115.000	28.000	0.995



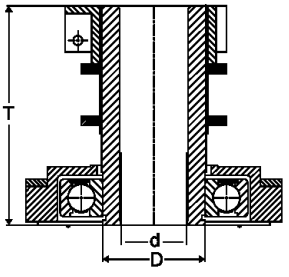
Thrust Ball Bearings - Double Direction

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	H	
1	**52206**	25.000	32.000	52.000	29.000	0.250



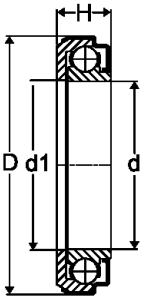
Clutch Release Bearings :- Type A

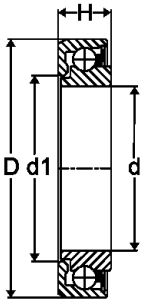
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	H	
1	**1888451**	45.000	46.000	86.600	27.700	0.630
2	**TB-14 BT (306445C)**	50.000	51.000	81.600	25.000	0.450
3	**1888180**	50.000	51.000	91.600	28.700	0.705
4	**1888180 WH**	50.000	51.000	91.600	51.300	1.160
5	**RFT 1417**	50.000	70.000	90.000	21.900	0.460
6	**414292B**	58.737	66.000	101.600	40.500	0.930
7	**TCL 6212 (FERSA=F15005, IRB=IR 128)**	60.000	60.800	112.000	33.000	1.195
8	**6013 CLUTCH**	65.000	70.000	102.000	27.000	0.654
9	**TCL 6015 (FERSA=F15070)**	75.000	70.800	117.000	33.000	0.950



Clutch Release Bearings :- Type B

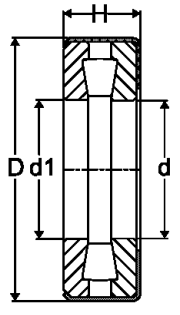
SR. NO.	BEARING NO.	APPLICATION	MASS (~Kg.)
1	**TB-GB-50 (1.5")**	[TATA-GB-50(1.5")] TATA GB50(1.50INCH/3.81CM)	4.570
2	**TB-GB-60 (1.75")**	[TATA-GB-60(1.75")] TATA GB60(1.75INCH/4.45CM)	4.150
3	**55 TPH**	TATA 909/1109 TURBO (WITH PLASTIC HUB)	0.610
4	**TB 55 TM**	TATA 909/1109/1112/1210/1312/1510/1512/1612/1613 (SELF CENTERING)	1.120
5	**TB-14 (ACB)**	MF 1035 (ANGULAR CONTACT)	0.380
6	**4546 SC**	TATA GB75 WITH HUB (SELF CENTERING)(NEW MODEL - SHORT HUB)	1.340
7	**6657**	9 SPEED GBU-TRUCK (1.7"CLUTCH)(25TO40TON)	1.800
8	**TB 4576 C WH**	TATA GB 75 - SELF CENTERING	2.080
9	**TB 4576 WH (GB 75)**	TATA GB75 WITH HUB (BEARING NO:TX-3527)	1.920
10	**11 W2 3/4**	M&M ARJUN TRACTOR	0.460
11	**TB 37**	EICHER MITSHUBISHI – CANTER	0.670
12	**TB 71 PMC**	MAHINDRA CLUTCH BEARING NEW SCORPIO PLASTIC HUB	0.310
13	**TB 71 MC**	MAHINDRA SCORPIO	0.390
14	**TB 5052**	CLUTCH 380DIA	1.710
15	**TB 44 SC**	TATA ACE, MATIZ,MARUTI ALTO/WAGON-R/SWIFT PETROL	0.140
16	**TB 65x96.6x23 CLUTCH**	ITL TRACTORS – CLUTCH BEARING	0.440
17	**TB 10686 (TB 106x140x25 CLUTCH)**	CLUTCH REALEASE BEARING - ITL BIG	0.740
18	**TB-6698 SC**	(ASHOK LEYLAND 1.75" 25TON TO 31TON (ASHOK LEYLAND 1.75" 15"RDC 20 95GB & 850 OD GEAR BOX) FVB00700	1.350

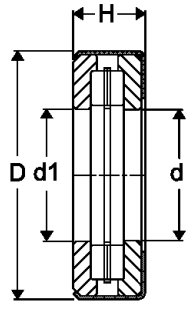




Clutch Release Bearings :- Type C

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	H	
1	**J 12**	38.100	39.100	68.600	16.050	0.230
2	**75580**	52.400	57.550	88.000	19.700	0.400
3	**CT55BLI**	55.000	60.200	87.900	19.500	0.370
4	**CT 5586**	55.000	60.700	85.600	19.600	0.370
5	**CT 1310 (WITH COVER CUP)**	63.500	64.250	103.380	22.100	0.610
6	**CT 1310 ARSE**	63.500	71.400	102.000	20.500	0.600
7	**TB 3527 (65TNK20, SKF=VKC3527)**	65.000	65.800	101.900	22.000	0.530
8	**W2 3/4=2**	69.840	77.680	103.380	22.098	0.490
9	**CT70B (TK70)**	70.000	70.850	117.000	27.000	0.980

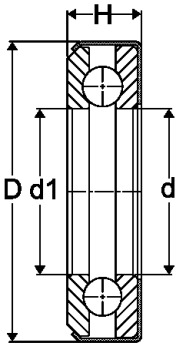




King Pin Bearings :- Type A

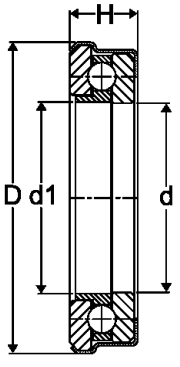
SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	H	
1	**T-101/TR**	25.000	25.300	50.500	15.800	0.130
2	**T 126/SR**	32.004	32.004	55.700	16.000	0.150
3	**T-138/SR**	35.225	35.525	66.800	19.446	0.320
4	**T-138/TR**	35.225	35.525	66.800	19.446	0.320
5	**TK-35/TR**	35.400	35.400	65.000	16.200	0.240
6	**T-144/TR**	36.754	36.754	66.675	19.446	0.300
7	**T-151/SR**	38.354	38.754	72.619	21.433	0.375
8	**T-151/TR**	38.354	38.754	72.619	21.433	0.375
9	**T 4072 Rs/SR**	40.300	40.800	74.500	19.800	0.360
10	**500636 (FERSA=T1008)**	45.000	45.500	73.000	20.000	0.323
11	**353056B/46**	46.000	46.500	78.000	22.000	0.420
12	**47 TAG 001/SR**	47.000	47.800	78.000	23.000	0.420
13	**353056B (FAG=528548B)**	50.000	50.400	78.000	22.000	0.380

*OVERSIZE AVAILABLE



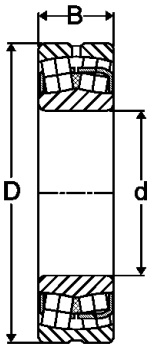
King Pin Bearings :- Type B

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	H	
1	30 TAG 001	30.000	30.700	51.600	17.000	0.130
2	TK 51207	35.000	37.000	62.000	18.000	0.215
3	TK-35	35.400	35.400	65.000	16.200	0.250
4	Y-38	38.200	38.550	66.000	19.430	0.250
5	T 4072 Rs	40.000	40.700	74.500	20.800	0.360
6	TH 42661 (FERSA=F15004)	41.500	41.600	66.000	16.000	0.185
7	TH 42721(T&H SPAIN =TH-106, FERSA=F15064)	41.530	41.630	72.200	21.400	0.340
8	47 TAG 001	47.000	47.800	78.000	23.000	0.400
9	50TAG001	50.000	50.200	80.000	18.800	0.315
10	T5082RS	50.000	50.500	84.500	21.000	0.365
11	T5082RsGA2	50.800	50.800	82.000	23.300	0.425
12	51216 CLUTCH	80.000	80.200	117.000	29.000	1.012



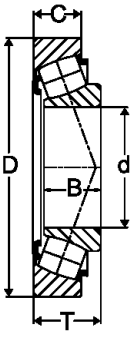
King Pin Bearings :- Type C

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	d1	D	H	
1	J2 (JP 1054)	38.100	38.350	71.800	17.100	0.255
2	TH 52891 (TH-1000, FERSA=F15057)	52.400	52.700	89.000	20.300	0.370
3	TH 52901 (INA=F 200284.1, IRB=IR 108, FERSA=F15031)	52.400	52.800	90.200	20.550	0.450
4	TH 641051 (FAG=513982, FERSA=F15058)	63.500	64.700	105.000	23.000	0.610
5	TH 651141 (FERSA=F15060)	65.000	66.000	113.600	22.100	0.650
6	TH 701141 (FERSA=F15059, FAG=563147, INA=F-44343)	69.840	70.800	113.600	22.100	0.640



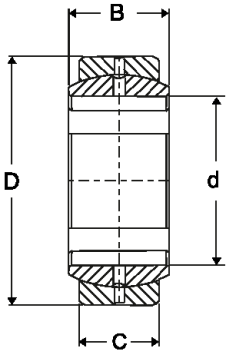
Spherical Roller Bearings

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)			MASS (~Kg.)
		d	D	B	
1	**21304-E-TVPB**	20.000	52.000	15.000	0.160
2	**22212 CC**	60.000	110.000	28.000	1.100



Spherical Roller Thrust Bearings

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)					MASS (~Kg.)
		d	D	B	C	T	
1	**392209**	26.500	55.000	12.500	10.500	14.800	0.150
2	**509043**	26.500	57.000	12.500	10.500	14.800	0.150



Spherical Plain Bearings

SR. NO.	BEARING NO.	BOUNDARY DIMENSIONS (in m.m.)				MASS (~Kg.)
		d	D	B	C	
1	**FE16-456 (SKF=365433)**	42.000	62.000	25.000	20.000	0.255