

Roller and Ball Bearing Data for Cars and Trucks from 1921 to 1929

KEY

FRONT AXLE BEARINGS

A—Inner Wheel.
B—Outer Wheel.
C—Steering Knuckle Thrust.
REAR WHEEL BEARINGS
D—Inner.
E—Outer.
F—Single Bearing.
DIFFERENTIAL BEARING*
G—Right Hand.
H—Left Hand.

I—Thrust.

DRIVE BEARINGS
J—Pinion or Worm Shaft Front.
K—Pinion or Worm Shaft Rear.
L—Worm Spindle Thrust Front.
M—Worm Spindle Thrust Rear.
N—Universal Joint Propeller Shaft.
CLUTCH BEARINGS
O—Clutch Shaft Pilot.
P—Clutch Shaft Rear.
Q—Clutch Yoke or Throwout.

R—Clutch Spider.

S—Transmiss. Eng. Clutch Shaft.
MOTOR BEARINGS
T—Camshaft Front.
U—Camshaft Rear.
V—Camshaft Center.
W—Crankshaft Front.
X—Crankshaft Center.
Y—Crankshaft Rear.
TRANSMISSION BEARINGS
AA—Main Shaft Front.

BB—Main Shaft Rear.

CC—Spline Shaft Pilot.
DD—Counter Shaft Front.
EE—Counter Shaft Rear.
FF—Reverse Idler Gear.
FAN BEARINGS
GG—Hub Bearing.
HH—Water Pump Shaft Bearing.
JJ—Air Pump Shaft Bearing.
STEERING POST
KK—Thrust Upper.
LL—Thrust Lower.

*Magnets and Lighting Generators are not covered in the following tables. Repairs on these machines are highly specialized work, and best results are obtained by returning to the manufacturer or to an electrical Repair Service Station especially equipped for this service.

HOW TO USE THIS TABLE.—Look in the key at the top of this page for the letter corresponding to the particular bearing desired. Turn to the table and find the make and model of car for which the bearing is desired. Follow until the key letter is found.

In the case of Roller Bearings, the make of bearing, followed by the manufacturer's type number, will be found following the key letter, as (Hy 16727) meaning, Hyatt bearing number 16727. In the case of Hyatt Roller bearings, used in cars from 1923 and 1924 and in a small number in 1922, we have changed our plan of giving the type number of the complete assembly and have given only the parts of the assembly that are used in each car. These have been given in the following manner—The first number that appears, is the number of the Roller assembly, the second number is the number of the Outer race, the third number is the number of the Inner race. This will facilitate matters when ordering. Where only one number is given, only the Roller assembly is used, where two are given only the Roller assembly and Outer race are used, where three numbers are given, the complete bearing is used including Roller assembly, Outer and Inner race. Timken bearings can be supplied in parts, being composed of cone and cup. The numbers given show the cone first, as (5351-5320), 5351 being the cone, and 5320 the cup. Where Timken Bearings immediately follow name of car and model, and before any letter is used, it means that all bearings mentioned in that model are Timken Roller.

In the case of Ball Bearings, the different makes of which are interchangeable, a number alone will be found following the key letter. This is a key number. Turn back to the equivalent table of annular ball bearings, at the beginning of the bearing section, and find this key number, which will be in the first column. Follow across the page until the column containing the make of bearing desired is reached. The number in this column will be the manufacturer's type number. In some instances, a notation such as the following will be found: 307 x 1 1/4"; this means, 307 bearing with a special width, namely, 1 1/4" wide instead of the usual width employed. Where the letters B, C, N, D or T appear after the bearing, that letter must be used in ordering, as it is part of the manufacturer's designation number.

ABBREVIATIONS

Act.—Aetna Ball Brg. Mfg. Co.
Ann.—Annular Ball Bearing.
D. R.—Double Row.
S. R.—Single Row.
R. T.—Radial-Thrust Bearings
Bantam—Bantam Ball Brg. Co.
Bock—Bock Brg. Co.

B. & B.—Borg & Beck.
Bow.—Bowen.
D. W. F.—Hess-Bright.
F. S.—J. S. Bretz.
Faf.—Fafnir.
Gill.—Gilliam Mfg. Co.
Gur.—Gurney.

H. B.—Hess-Bright.
Hy.—Hyatt.
N. D.—New Departure.
Norma-Hoffmann—Norma-Hoffmann Bearings Corp.
Or.—Orange Bearing Co.
Rh.—Rhineland.

R. I. V.—R. I. V. Co.
Brg. Co. of Amer.—Bearing Co. of America.
S. K. F.—S. K. F. Industries.
S. R. B.—Standard Steel & Bearing Co.
Strom.—Strom Bearings Co.
Tim.—Timken Bearing.

GOTTFREDSON—1923—(20) Tim. Brgs., (A) 415-412A; (B) 315-312; (F) 4558-4520; (G & H) 385-383; (J) 357-3520; (K) 444-432; (O) 205; (AA) 277-247; (BB) 339-333; (CC) 23093; (DD & EE) 306.
1923—(30) Tim. Brgs., (A) 415-412A; (B) 315-312; (F) 539T-532; (G & H) 397-3920; (J) 444-432; (K) 456-453; (AA) 277-274; (BB) 339-333; (CC) 23093.
1923—(40) Tim. Brgs., (A) 4364-4320; (B) 3161-3120; (F) 6378-6320; (G & H) 477-473; (J) 456-453; (K) 539-532; (AA) 339-333; (BB) 344-333; (CC) 306; (DD & EE) 319-313.
1923—(50) Tim. Brgs., (A) 4558-4520; (B) 3360-3320; (D & E) 5557-5520; (G & H) 559-552; (J) 539-532; (K) 5578-5521; (O) 205; (P) 208DR; (AA) 336-3320; (BB) 357-353; (CC) 32100; (DD & EE) 339-333.
1923—(80) Tim. Brgs., (A) 4550-4520; (B) 4361-4320; (C) 443-4320; (D) 6552-6521; (E) 5755-5720; (G & H) 5757-5720; (J & K) 6375-6323; (O) 205; (P) 208DR; (AA) 3383-3320; (BB) 419-414; (CC) 3659K; (DD) 3191-3120; (EE) 3196-3120.
1923—(100) Tim. Brgs., (A) 5550-5520; (B) 5351-5320; (C) 5354-5320; (D, G & H) 780-772; (E) 6552-6521; (J) 6375-6323; (K) 6455-6422; (O) 205; (P) 208DR; (AA) 439-4320; (BB) 435-4320; (CC) 335; (DD & EE) 415-412.
1925—(20B)—(A) 419-412; (B) 2558-2520; (F) 4550-V-4520; (G & H) 377-3720; (J) 308DR; (K) 308; (O) 205; (Q) 209; (AA) 11157-11315; (BB) 17118-17244; (CC) 20074-20187; (DD) 07098-07204; (EE) 17118-17224.
1925—(30)—(A) 419-412A; (B) 315-312; (F) 456V-453; (G & H) 385-383; (J) Hy. 406; (K) 44150-44348; (N) 308; (O) 205; (AA) 11157-11315; (BB) 19138-19283; (CC) 20074-20187; (DD) 17118-17244; (EE) 26118-26283.
1925(41)—1926—(41-46-2 Ton)—(A) 4364-4320; (B) 3161-3120; (F) 560V-552; (G & H) 477-473; (J) Hy. 407; (K) 53162-53387; (N) 309DR; (O) 205; (AA) 344-3320; (BB) 339-333; (CC) 306; (DD & EE) 319-313.
1926—(60)—(A) 4558-4520; (B) 3360-3320; (D) 5760-5720; (E) 5557-5520; (G & H) 559-552; (J) 5578V-5521; (K) 5578-5521; (O) 205; (P) 208DR; (Q) 209; (Drive Gear Shaft—front) 336-3320; (AA) 419-412; (BB) 357-353; (CC) 26124T-26283; (DD & EE) 339-333.
1926—(80)—(A) 455-4520; (B) 4361-4320; (C) 443B-4320; (D) 6552-6521; (E) 5755-5720; (G & H) 5756-5720; (J & K) 6375E-6323; (O) 205; (P) 208DR; (Q) 209; (Drive Gear Shaft—front) 208DR; (AA) 456-453; (BB) 435-432; (CC) 3659K-3620; (DD) 357-353; (EE) 3196E-3120.
1925 (100)—1926 (100-106-5 Ton)—(A) 5550-5520; (B) 5351-5320; (C) 5354-5320; (D, G & H) 780-772; (E) 6552-6521; (J) 6375E-6323; (K) 6455E-6422; (O) 205; (P) 208DR; (Q) 209; (Drive Gear Shaft—front) 308DR; (AA) 456-453; (BB) 435-432; (CC) 3191-3120; (DD) 420-414; (EE) 415-414.
1926-27—(30B-1 1/4 Ton)—(A) 419-412; (B) 2558-2520; (D) 4550-4520; (G & H) 377-3720; (J) 309DR; (K) 406; (O) 205.
1926—(51-56-2 1/4 Ton)—(A) 4364-4320; (B) 3161-3120; (D & E) 5557-5520; (G & H) 559-552; (J & K) 5578-5521; (O) 205; (AA) 334-333; (BB) 339-333; (CC) 306; (DD & EE) 319-313.
1926—(66-3 Ton)—(A) 4558-4520; (B) 3360-3320; (D & E) 596-592; (G & H) 5784-5720; (K) 72200-72487; (O) 205; (P) 208DR; (AA) 456-453; (BB) 435-432; (CC) 3659-3620; (DD) 357-353; (EE) 3196-3120.
1926—(60-3 Ton)—(A) 4558-4520; (B) 3360-3320; (D & E) 596-592; (G & H) 5784-5720; (K) 72200-72487; (O) 205; (P) 208DR; (AA) 336-3320; 419-412; (BB) 357-353; (CC) 32100; (DD & EE) 339-333.
1926—(80-86-4 Ton)—(A) 4550-4520; (B) 4361-4320; (C) 43125-43349; (D) 6552-6521; (E) 5755-5720; (G & H) 5757-5720; (J & K) 6375-6323; (O) 205; (P) 208DR; (AA) 456-453; (BB) 435-432; (CC) 3659-3620; (DD) 357-353; (EE) 3196-3120.
1926-27-28—(20B-1 Ton)—(J) 308DR; (K) 306; (O) 205; (P) 208; (BB) 306.
1926-27-28—(41-46-2 Ton)—(O) 205.
1926-27-28—(100-5 Ton)—(O) 205; (P) 208DR; (AA) 308.
1927-28—(20T, 26T-2 Ton)—(J) 309DR; (K) 406; (O) 205; (P) 209; (BB) 307.
1927-28—(26C-2 Ton)—(J) 309DR; (K) 406; (O) 205.
1927-28—(18-20-1 Ton)—(J) 308DR; (K) 306; (O) 205; (P) 209; (BB) 307.
1926-27-28—(106-5 Ton)—(O) 205; (P) 208DR; (AA) 308; (Fan) 205.
1926-27-28—50B-29 Pass., 56B, 60 Pass. Bus.—(O) 305; (P) 309; (BB) 2-309; (DD & EE) 309; (Fan) 205.
1928—(30-C)—(A) 3383-3320; (B) 2382-2320; (D) 560-552; (G & H) 477-473; (K) 2-53162-53387; (O) 205; (AA) 344-333; (BB) 339-333; (CC) 21095-21212; (DD & EE) 319-313.