



DIESEL ENGINE BEARINGS

APPLICATION CHART AND TECHNICAL REFERENCES

CATERPILLAR; CUMMINS; DETROIT DIESEL-G.M.C.; FORD-NEW HOLLAND; INTERNATIONAL-NAVISTAR; MERCEDES-BENZ; PERKINS-MASSEY FERGUSON

TYPE	SILVERLINE PART NUMBER MAIN BEARINGS	SHOP SPECIFICATIONS				TYPE	SILVERLINE PART NUMBER CONNECTING ROD BEARINGS	SHOP SPECIFICATIONS			
		STD. SHAFT DIAMETER	HOUSING BORE	VERT. OIL CLEARANCE	TORQUE LBS./FT.			STD. SHAFT DIAMETER	HOUSING BORE	VERT. OIL CLEARANCE	TORQUE LBS./FT.
CATERPILLAR											
3208; 636", 10.4L; V8 ENGINES TRUCK, INDUSTRIAL & MARINE											
	MB CCA 4W-8093 STD.	3.4990 / 3.5000	3.7070 / 3.7080	.0023 / .0053		CR	CCA 9N-5923 STD.	2.7496 / 2.7504	2.9413 / 2.9423	.0018 / .0046	
	MB CCA 4W-8092 STD.	3.4990 / 3.5000	3.7070 / 3.7080	.0018 / .0048			FOR EARLY ENGINES WITH 0.955" BEARING LENGTH.				
	MB CCA 4W-8091 STD.	3.4990 / 3.5000	3.7070 / 3.7080	.0013 / .0043		CR	CCA 4W-8090 STD.	2.7490 / 2.7502	2.9413 / 2.9423	.0020 / .0054	
	WITH NON-GROOVED FRONT MAIN BEARINGS CCA 4W-8093, FLANGED UPPER HALF CCA 4W-8091										
	MB CCA 8N-8973 STD.	3.4990 / 3.5000	3.7170 / 3.7180	.0023 / .0053							
	MB CCA 8N-9021 STD.	3.4990 / 3.5000	3.7170 / 3.7180	.0023 / .0053							
	MB CCA 8N-9067 STD.	3.4990 / 3.5000	3.7170 / 3.7180	.0023 / .0053							
	WITH NON-GROOVED FRONT MAIN BEARINGS CCA 8N-8973; FLANGED UPPER HALF CCA 8N-9067;										
	MB CCA 8N-8929 STD.	3.4990 / 3.5000	3.7070 / 3.7080	.0023 / .0053							
	MB CCA 4W-8092 STD.	3.4990 / 3.5000	3.7070 / 3.7080	.0018 / .0048							
	MB CCA 4W-8091 STD.	3.4990 / 3.5000	3.7070 / 3.7080	.0013 / .0043							
	WITH GROOVED FRONT MAIN BEARINGS CCA 8N-8929; FLANGED UPPER HALF CCA 4W-8091.										
	MB CCA 8N-8928 STD.	3.4990 / 3.5000	3.7170 / 3.7180	.0023 / .0053							
	MB CCA 8N-9021 STD.	3.4990 / 3.5000	3.7170 / 3.7180	.0023 / .0053							
	MB CCA 8N-9067 STD.	3.4990 / 3.5000	3.7170 / 3.7180	.0023 / .0053							
	WITH GROOVED FRONT MAIN BEARINGS CCA 8N-8928; FLANGED UPPER HALF CCA 8N-9067; CCA 8N8928, CCA 8N9021 & CCA 8N9067 ARE .010" OVERSIZE O. D.										
3406, 3406A, 3406B, 3406C, 3406E. 893", 14.6L, L6 CYL. 3408; 1099", 18.0L; V8 CYL. 3412, 1649" 27.0L V12 CYL. TRUCK, INDUSTRIAL, MARINE & TRACTOR ENGINES.											
	MB CCA 4W-5492 STD.	4.7492 / 4.7508	5.1133 / 5.1143	.0022 / .0060	190# +120°	CR	CCA 9Y-7735 STD.	3.5425 / 3.5441	3.7868 / 3.7882	.0024 / .0063	66# +90°
	FOR 3406B, 3406C & 3406E ENGINES. BEARING ARE 1.930" LENGTH.										
	TW CCA 7E-9262 STD.	5.2600 / 5.3000	6.2300 / 6.2700			CR	CCA 9Y-9497 STD.	3.8189 / 3.8197	4.0743 / 4.0753	.0030 / .0060	60# +120°
	FOR ENGINES AFTER SERIAL NO. 92U2954. LOCKING LUG ON LEFT SIDE. BEARING ARE 1.535" LENGTH										
CUMMINS ENGINES											
L6, 855", 14.0L; SMALL CAM, BIG CAM & N-14 PLUS											
	MB SCU 3801260 STD + TW	4.4990 / 4.5000	4.7490 / 4.7500	.0019 / .0053	145# +30°	CR	L6, 855", 14.0L; BIG CAM SCU 214950 STD.	3.1240 / 3.1250	3.3160 / 3.3165	.0020 / .0045	140#-150#
	MB SCU 3801260 STD.	4.4990 / 4.5000	4.7490 / 4.7500	.0019 / .0053	145# +30°	CR	L6, 855", 14.0L; SMALL CAM, 1.980" BEARING LENGTH. SCU 203670 STD.	3.1240 / 3.1250	3.2725 / 3.2730	.0022 / .0047	55# +60°
	TW SCU 3019218 STD.	4.5300 / 4.5600	5.4220 / 5.4680			CR	L6, 855", 14.0L; SMALL CAM, 1.730" BEARING LENGTH. SCU 203660 STD.	3.1240 / 3.1250	3.2725 / 3.2730	.0022 / .0047	55# +60°
						CR	L6, 855", 14.0L; N-14 PLUS SCU 3055145 STD.	3.4985 / 3.5000	3.6910 / 3.6915	.0022 / .0047	140#-150#
	239", 4B, 4BT, 3.9L, B SERIES DIESEL & TURBO DIESEL										
	MB SCU 3802010 STD.	3.2672 / 3.2682	3.4638 / 3.4652	.0017 / .0047	129#	CR	SCU 3901170 STD. 4 CYL.	2.7160 / 2.7170	2.8735 / 2.8745	.0015 / .0045	73#
	359", 6B, 6BT, 5.9L, B SERIES DIESEL & TURBO DIESEL										
	MB SCU 3802070 STD.	3.2672 / 3.2682	3.4638 / 3.4652	.0017 / .0047	129#	CR	SCU 3901170 STD. 6 CYL.	2.7160 / 2.7170	2.8735 / 2.8745	.0015 / .0045	73#
	506", 6C, 6CT, 8.3L; C SERIES DIESEL & TURBO DIESEL										
	MB SCU 3945917 STD.	3.8568 / 3.8588	4.1333 / 4.1344	.0024 / .0055	129#	CR	SCU 3901430 STD.	2.9906 / 2.9926	3.1885 / 3.1895	.0013 / .0046	88#
	352", V6-140; 378", V6-155 "VAL", PHASE 5 ONLY										
	MB SCU BM-99830 STD.	4.4990 / 4.5000	3.7520 / 3.7530	.0018 / .0048	185#	CR	SCU 3012360 STD. 6 CYL.	2.7490 / 2.7500	2.9410 / 2.9420	.0020 / .0050	25# +60°
	TW SCU 173640 STD.	3.8050 / 3.8150	4.4850 / 4.4950								
	470", V8-185; 504", V8-210, "VALE", PHASE 5 ONLY.										
	MB SCU BM-99820 STD.	4.4990 / 4.5000	3.7520 / 3.7530	.0018 / .0048	185#	CR	SCU 3012360 STD. 8 CYL.	2.7490 / 2.7500	2.9410 / 2.9420	.0020 / .0050	25# +60°
	TW SCU 173640 STD.	3.8050 / 3.8150	4.4850 / 4.4950								
DETROIT DIESEL / G.M.C. ENGINES											
L2-71, 142", 2.3L; L3-71, 213", 3.5L; L4-71, 284", 4.7L; L6-71, 426", 7.0L											
	MB CGM 5192874 STD.	3.4990 / 3.5000	3.8120 / 3.8130	.0017 / .0047	190B/140N	CR	CGM 23511129 STD.	2.7490 / 2.7500	3.0620 / 3.0630	.0019 / .0049	60# - 70#
	TW SGM 5159353 STD.	3.8380 / 3.8480	4.6050 / 4.6250								
	6V-71, 426", 7.0L; 8V-71, 568", 9.3L; 12V-71, 852", 14.0L; 16V-71, 1136", 18.6L										
	MB CGM 5199319 STD.	4.4990 / 4.5000	4.8120 / 4.8130	.0019 / .0049	190B/185N	CR	CGM 5199946 STD.	2.9990 / 3.0000	3.2500 / 3.2510	.0019 / .0049	60# - 70#
	TW SGM 5117005 STD.	4.7500 / 4.7600	5.7300 / 5.7400								
	6V-71T, 426", 7.0L; 6V-92, 6V-92T, 552", 9.0L; 8V71T, 568", 9.3L; 8V-92, 8V-92T, 736", 12.1L; 12V-71T, 852", 14.0L; 12V-92, 12V-92T, 1104", 18.0L; 16V-71T, 1136", 18.6L; 16V-92, 16V-92T, 1472", 24.1L.										
	MB CGM 5199939 STD.	4.4990 / 4.5000	4.8120 / 4.8130	.0019 / .0049	165-175#	CR	CGM 5199946 STD.	2.9990 / 3.0000	3.2500 / 3.2510	.0019 / .0049	60# - 70#
	TW SGM 5117005 STD.	4.7500 / 4.7600	5.7300 / 5.7400								
	60 SERIES, L6, 677", 11.1L; 774", 12.7L; 50 SERIES, L4, 519", 8.5L.										
	MB CGM 8929670 STD.	4.9200 / 4.9210	5.2360 / 5.2370	.0016 / .0050	347-391#	CR	CGM 08929710 STD.	3.3450 / 3.3460	3.5940 / 3.5950	.0016 / .0046	118-137#
	MB CGM 8929680 STD.	4.9200 / 4.9210	5.2360 / 5.2370	.0016 / .0050	347-391#						
	TW SGM 8929085 STD.										
FORD / NEW HOLLAND TRACTOR ENGINES											
SUPER MAJOR 5000; 233", 3.8L; 256", 4.2L. TURBO; 7000 & 7600 SERIES TURBO.											
	MB SFD CFPN 6333-A 4 CYL	3.3714 / 3.3722	3.6242 / 3.6250	.0021 / .0043	95-115#	CR	SUPER MAJOR 5000; 233", 3.8L; 256", 4.2L. SFD CFPN 6211-A 4 CYL.	2.7496 / 2.7504	2.9412 / 2.9420	.0015 / .0041	55-65#
	FOR 7000 SERIES; 256", 4.2L. TURBO.										
						CR	SFD C9NN 6211-E 4 CYL	2.7496 / 2.7504	2.9412 / 2.9420	.0015 / .0041	55-65#
						CR	SFD FBPN 6211-AHB 4 C.	2.7496 / 2.7504	2.9412 / 2.9420	.0015 / .0041	55-65#
	FOR 7610 SERIES; 256", 4.2L. TURBO.										
						CR	SFD CFPN 6211-A 6 CYL.	2.7496 / 2.7504	2.9412 / 2.9420	.0015 / .0041	55-65#
						CR	SFD C9NN 6211-E 6 CYL.	2.7496 / 2.7504	2.9412 / 2.9420	.0015 / .0041	55-65#
	401", 6.6L; 8000 SERIES; 474", 7.8L; 9000 SERIES TURBO.										
	MB SFD CFPN 6333-A 6 CYL	3.3714 / 3.3722	3.6242 / 3.6250	.0021 / .0043	95-115#	CR	SFD CFPN 6211-A 6 CYL.	2.7496 / 2.7504	2.9412 / 2.9420	.0015 / .0041	55-65#
	FOR 474", 7.8L; 9000 SERIES TURBO										
						CR	SFD C9NN 6211-E 6 CYL.	2.7496 / 2.7504	2.9412 / 2.9420	.0015 / .0041	55-65#
	256", 4.2L; "GENESIS"; 5610 SERIES; 6610 SERIES TURBO.										
	MB SFD FAPN 6333-A STD.	3.3714 / 3.3722	3.6242 / 3.6250	.0021 / .0043	95-115#	CR	SFD FONN 6211-BBAP	2.7496 / 2.7504	2.9412 / 2.9420	.0015 / .0041	55-65#
	FORDSON 199", 3.3L; 220", 3.6L.										
	MB SFD EIADDN 6333-L 4 CYL	3.0002 / 3.0010	3.1665 / 3.1670	.0011 / .0031	70-75#	CR	SFD EIADDN 6211-L 4 CY	2.4997 / 2.5005	2.6460 / 2.6465	.0011 / .0031	55-60#
	FORDSON 298", 4.9L; 330", 5.4L.										
	MB SFD EIADDN 6333-L 6 CYL	3.0002 / 3.0010	3.1665 / 3.1670	.0011 / .0031	70-75#	CR	SFD EIADDN 6211-L 6 CY	2.4997 / 2.5005	2.6460 / 2.6465	.0011 / .0031	55-60#
INTERNATIONAL / NAVISTAR ENGINES											
D155", 2.5L; D179", 2.9L.											
	MB SIH 3055130-R21 3 CYL.	3.1485 / 3.1492	3.3858 / 3.3867	.0026 / .0052	60#	CR	SIH 3055351-R91 3 CYL.	2.5185 / 2.5193	2.6771 / 2.6779	.0024 / .0046	18.5#+120°
	D206", 3.4L; D239", 3.9L.										
	MB SIH 3055130-R21 4 CYL.	3.1485 / 3.1492	3.3858 / 3.3867	.0026 / .0052	60#	CR	SIH 3055351-R91 4 CYL.	2.5185 / 2.5193	2.6771 / 2.6779	.0024 / .0046	18.5#+120°
	D310", 5.1L; D358", 5.9L.										
	MB SIH 3055130-R21 6 CYL.	3.1485 / 3.1492	3.3858 / 3.3867	.0026 / .0052	60#	CR	SIH 3055351-R91 6 CYL.	2.5185 / 2.5193	2.6771 / 2.6779	.0024 / .0046	18.5#+120°
	DT-360", 5.9L. FOR TURBOCHARGED ENGINES ONLY										
	MB SNV 1823859-C91 STD.	3.3742 / 3.3755	3.6885 / 3.6895	.0021 / .0051	115#	CR	SNV 1823863-C91 STD.	2.5182 / 2.5197	2.6771 / 2.6779	.0018 / .0051	80#
	DT-466"C, DTA-466"C, DTI-466"C, 7.6L; FOR ENGINES AFTER SERIAL NO. 440036 ONLY										
	MB SNV 1823843-C91 STD.	3.3742 / 3.3755	3.6885 / 3.6895	.0021 / .0051	115#	CR	SNV 1823851-C91 STD.	2.9977 / 2.9990	3.2000 / 3.2010	.0023 / .0056	80#
MERCEDES-BENZ											
OM 366", A, AL, 6.0L; 366.905, 906, 907, 908, 910, 914, 951, 952, 953, 983.											
	MB SMB A366 030 0040 STD.	3.4642 / 3.4650	3.6614 / 3.6623	.0016 .0045	37#	CR	SMB A364 030 0360 STD.	2.3618 / 2.3629	2.590 / 2.5598	.0017 / .0032	33.2# +90°
PERKINS ENGINES / MASSEY FERGUSON TRACTORS											
4.212", 3.5L; 4.236", 3.9L PHASE 2; 4.248", 4.1L; 4.243", 4.0L PHASER; HEAVY DUTY.											
	MB SPK 81558 STD.	2.9985 / 2.9990	3.1660 / 3.1670	.0027 / .0052	140-150#	SCR	4.212", 3.5L; 4.236", 3.9L PHASE 2; 4.248", 4.1L, HEAVY DUTY 85042 STD.	2.4990 / 2.4995	2.6460 / 2.6465	.0020 / .0040	65-70#
	TW SPK W2-2965TI STD.	3.4200 / 3.4300	4.0880 / 4.0980								
	4.212", 3.5L; 4.236", 3.9L PHASE 2; 4.248", 4.1L; NORMAL DUTY.										
	MB SPK M2-5765EP STD.	2.9985 / 2.9990	3.1660 / 3.1670	.0027 / .0052	140-150#	CR	U5ME0006 STD.	2.4990 / 2.4995	2.6460 / 2.6465	.0020 / .0040	65-70#
	TW SPK W2-2965TI STD.	3.4200 / 3.4300	4.0880 / 4.0980			CR	B2-4217EP STD.	2.4990 / 2.4995	2.6460 / 2.6465	.0020 / .0040	65-70#
	6.354", 5.8L; 6.354", 5.8L PHASE 2; T6.354", 5.8L PHASE 2 TURBOCHARGED; HEAVY DUTY.										
	MB SPK 85010 STD.	2.9985 / 2.9990	3.1660 / 3.1670	.0027 / .0052	140-150#	CR	85043 STD.	2.4990 / 2.4995	2.6460 / 2.6465	.0020 / .0040	65-70#
	TW SPK W2-2965TI STD.	3.4200 / 3.4300	4.0880 / 4.0980								
	6.354", 5.8L; 6.354", 5.8L PHASE 2; NORMAL DUTY.										
	MB SPK M2-7765EP STD.	2.9985 / 2.9990	3.1660 / 3.1670	.0027 / .0052	140-150#	CR	B2-6217EP STD.	2.4990 / 2.4995	2.6460 / 2.6465	.0020 / .0040	65-70#
	TW SPK W2-2965TI STD.	3.4200 / 3.4300	4.0880 / 4.0980								
	T6-354", 5.8L PHASE 4 TURBOCHARGED; SUPER DUTY										
	MB SPK 68079 STD.	2.9985 / 2.9990	3.1660 / 3.1670	.0027 / .0052	140-150#	CR	89064 STD.	2.4990 / 2.4995	2.6460 / 2.6465	.0020 / .0040	65-70#
	TW SPK W2-2965TI STD.	3.4200 / 3.4300	4.0880 / 4.0980								