



# SPHERICAL BEARINGS

With the commitment to introduce a high quality product at affordable prices to fulfill our customer's needs we are expanding our line of spherical bearings. These bearings have the ability to transfer high loads where angular misalignment between a shaft and rod occurs. They are installed in a wide variety of hydraulic cylinders used in heavy lifting applications.

## SPHERICAL BEARINGS

Part No.	Description	Application
1069036	TRUNNION GP-BULLDOZER	854G, 854K, D11N, D11R
1078126	HITCH GP-OSCILLATING	735, 740, AD55B, AD60, D5M, D5N, D5R LGP, D6M, D6N, D6N LGP
1168052	TRUNNION GP-BULLDOZER	D9R, D9T
1173006	CYLINDER GP-DUAL TILT	D10N, D10R, D10T, D10T2
1174013	EQUALIZER BAR GP	D7E, D7E LGP, D8N, D8R, D8R II, D8T, D9R
1183134	CYLINDER GP-BLADE	550, 550B, 560B, 570, 570B, 580, 580B, M315D, M316C, M316D, M318, M318C, M318C MH, M318D, M318D MH, M320, M322C, M322D, M322D MH
1342733	BLADE GP-ANGLING	D6M, D6N
1346261	DRIVE GP-FINAL	D6E, D6F SR, D6G, D6G SR, D6G2 LGP, D6G2 XL
1362940	DRIVE GP-SWING	1090, 1190, 1190T, 1290T, 1390, 2290, 2390, 2391, 2491, 2590, 322C, 322C FM, 324D, 324D FM, 324D FM LL, 324D L, 324D LN, 324E, 324E L, 324E LN, 325C, 325C FM, 325D, 325D FM, 325D FM LL, 325D L, 325D M
1388175	ROTATING GP-PUMP	246C, 256C, 262C, 262C2, 272C, 277C, 277C2, 279C, 279C2, 2864C, 287C, 287C2, 289C, 289C2, 297C, 299C, 330D L, 336D L, 336D2 L, 5110B, 586C, 621H, 621K, 623H, 623K, 623K LRC, 627H, 627K, 627K LRC, 824C
1401185	BLADE GP-ANGLING	D5M
1485563	FRAME GP-CENTER SUSPENSION	725, 725C, 730, 730C, D250E II, D300E II
1527554	CYLINDER GP-TILT	854G, 854K, D11N, D11R, D11T
1553537	FRAME GP-CENTER SUSPENSION	1190T, 1290T, 2391, 2491, 522, 522B, 532, 552, 552 2, 725C, 730C, 735, 735B, 740, 740B, D350E II, D400E II, TK722, TK732, TK752
1587749	FRAME GP-CENTER SUSPENSION	725, 730, D250E II, D300E II

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# SPHERICAL BEARINGS - CON'T.

Part No.	Description	Application
1600305	CYLINDER GP-ANGLING	D5M, D5N, D6K, D6K LGP, D6K XL, D6M, D6N
1649309	HOUSING GP-BEARING	730, 730C, 735, 735B, 740, 740B, D400E II
1724311	TORQUE CONVERTER GP	725, 725C, 730, 735, AD30, C9, TH31-E61, TH35-C11I, TH35-C13I, TH35-C13T, TH35-C15I, TH35-C15T, TH35-E81
1750035	PUSH ARM GP	D11R, D11T
1888697	SUSPENSION GP-REAR	789B, 789C, 789D, 793B, 793C, 793D, 793F, 793F AC, 793F CMD
1975943	TRUNNION GP-BULLDOZER	D11R, D11T
1976439	BLADE GP-ANGLING	D5M, D5N, D6K, D6K LGP, D6K XL
1976440	BLADE GP-ANGLING	D6M, D6N
2159572	HOUSING GP-REAR AXLE	769C, 769D, 771C, 771D
2368152	HITCH GP-ARTICULATING	906H, 906H2, 907H, 907H2, 908H, 908H2, 910K, 914G, 914K, IT14G, IT14G2
2374156	CYLINDER GP-HOIST	770, 772, 773B, 773D, 773E, 773F, 773G, 773G LRC, 773G OEM, 775B, 775D, 775E, 775F, 775G, 775G LRC, 775G OEM, AD30, AD45, AD55, AD55B, AD60, HF201B
2374860	CYLINDER GP-ANGLING	D5R LGP, D6K2, D6K2 LGP, D6N, D6N LGP, D6R III, D6T, D6T LGP, D6T LGPPAT, D6T XL
2945579	HITCH GP-ARTICULATING	906H, 906H2, 907H, 907H2, 908H, 908H2
2964292	SHAFT GP-DRIVE	950G, 950H, 950K, 962H, 962K, 966M, 966M XE, 972M, 972M XE, IT62H
2993203	LINK GP -REAR SUSPENSION	793F, 793F AC, 793F CMD
3016946	FRAME GP-FRONT SUSPENSION	735, 735B, 740, 740B
3173911	CYLINDER & MTG GP-HOIST	770, 772, 773E, 773F, 773G, 773G LRC, 775F, 775G, 775G LRC, AD55, AD55B, AD60
3321648	HITCH GP-OSCILLATING	735, 735B, 740, 740B
3410966	FRAME GP-FRONT SUSPENSION	735, 740
3648483	CYLINDER GP-HYDRAULIC	950H, 950K, 962H, 962K, 966K, 966M, 966M XE, 972K, 972M, 972M XE, IT62H
3648484	CYLINDER GP-STEERING	980K, 980K HLG, 980M, 982M
3807673	BAR AS-EQUALIZER	D9R, D9T
3807674	BAR AS-EQUALIZER	D9R, D9T
3807675	BAR AS-EQUALIZER	D10N, D10R, D10T, D10T2
3807677	BAR AS-EQUALIZER	D11R, D11T
4450280	HITCH GP-OSCILLATING	907H, 907H2, 907K, 907M, 908H, 908H2, 908K, 908M
4803493	CYLINDER GP-STEERING	906H, 906H2, 906K, 907H, 907H2, 907K, 907M, 908H, 908H2, 908K, 908M
0357869	CYLINDER GP-HYDRAULIC	CB-434B, CB-434C, CB-534B, CB-534C, CB-535B, CB-544, CB-545, CB-634, CB-634C, CB-634D, CP-433C, CP-563, CS-431C, CS-433C, CS-531, CS-533, CS-583, CW-14, PF-290B, PM-465, PS-150B, PS-150C, PS-200B
0058639	CYLINDER GP-STEERING	10B, 120G, 120H, 120H ES, 120H NA, 120K, 120K 2, 12G, 12H, 12H ES, 12H NA, 12K, 130G, 135H, 135H NA, 140G, 140H, 140H ES, 140H NA, 140K, 140K 2, 143H, 160G, 160H, 160H ES, 160H NA, 160K.
0665815	CYLINDER GP-HOIST	345C L, 515, 525, 725, 725C, 730, 730C, 735, 735B, 740, 740B, 980G II, 980H, AD30, D250E II, D300E II, D350E II, D400E II
1U2729	CYLINDER GP-TILT	D9L
1U3988	BOOM CYLINDER GROUP	235
2D8652	CYLINDER GP-BLADE TIP	1090, 1190, 1190T, 120G, 120H, 120H ES, 120H NA, 120K, 120K 2, 120M, 120M 2, 1290T, 12G, 12H, 12H ES, 12H NA, 12K, 12M, 12M 2, 12M 3, 12M 3 AWD, 130G, 135H, 135H NA, 140G, 140H, 140H ES, 140H NA, 140K
2L4444	ROTOR GP-GENERATOR	3508, 3508B, 3512, 3512B, 3516, 3516B, D379, D398, D398A, G3512, G3516, G3516B, G3520C, G398, G399, PM3516, SR4, SR4B
3G3320	CYLINDER GP-STEERING	824C, 826C

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# SPHERICAL BEARINGS - CONT.

Part No.	Description	Application
3G3521	SUSPENSION GP-REAR	235, 235B, 235C, 245, 245B, 784B, 785
3G5337	BRACE GP-BULLDOZER	10S, D10, D11N
3S4646	TAMPING COMPACTOR CLEANER BAR GP	824B, 834
3T1378	BAR GP-EQUALIZER	D10N, D9L
3W8357	BULLDOZER GP	973, 973C, 973D
3W8570	BAR GP-EQUALIZER	963, 963B, 963C, 963D
4D0298	HITCH GP-TRUCK	120H, 12H NA, 140H NA, 14G, 14H, 14H NA, 14M, 16G, 16H, 16H NA, 16M, 216, 232B, 242B, 242B3, 242D, 247, 247B, 257B, 257B3, 257D, 259B3, 259D, 3P, 3S, 621H, 621K, 627B, 627E, 627F, 627G, 627H, 627K
4D2619	FUEL SYSTEM	120G, 12G, 130G, 140G, 14G, 16, 160G, 16G, 225, 3160, 561D, 571G, 572G, 611, 613, 613B, 613C, 613C II, 615, 615C, 621, 621B, 621R, 623, 627, 627B, 631C, 633C, 633D, 637, 637D, 641, 641B, 651, 651E
4D4431	CYLINDER GP-HYDRAULIC	12H, 12H NA, 140H, 140H NA, 236, 236B, 24H, 24M, 252B, 252B3, 262C, 262C2, 262D, 267B, 268B, 272C, 272D, 272D XHP, 287, 287C, 287C2, 287D, 289C, 289C2, 289D, 297C, 299C, 299D, 299D XHP, 30/30, 315C
4T1684	CYLINDER GP-STEERING	225D, 229, 229D, 231D, 235, 235B, 235C, 235D, 245, 245B, 245D, 578, 994, 994D, 994F, 994H
4V2057	CYLINDER & MTG GP-STEERING	2864C, 574, 586C, 824G II, 825C, 825G, 825G II, 825H, 826C, 826G, 826G II, 826H, 980G, 980G II, 980H, AS2252C, AS2302, AS2302C, CB-434D, CB-534C, CB-534D, CB-54, CB-564D, CB-64, CP-433E, CP-44, CP-533
5J1446	CYLINDER GP-STEERING	245, 245B, 24H, 24M, 345B II, 345B L, 345C L, 621, 637, 824G, 824G II, 824H, 824K, 825G, 825G II, 825H, 825K, 826G, 826G II, 826H, 826K, 980G, 980G II, 980H, 980K, 980K HLG, 980M, 982M, 986H
5J6424	FRAME GP-MAIN	2384C, 2484C, 559C, 579C, 641B, 657, 657B, 657E, 657G, CP-563, CS-531, CS-531C, CS-533, CS-533C, CS-563C, CS-573, CS-573C, CS-583, CS-583C
5J9451	MOUNTING GP-SUSPENSION	633D, 639D, 651E, 657B, 657E, 657G, 666, 770, 772, 773G, 773G LRC, 773G OEM, 775G, 775G LRC, 775G OEM, 776C, 776D, 777, 777B, 777D, 777F, 777G, 784B, 784C, 785, 785B, 785C, 785D
5K2294	FILTER GP-ENGINE OIL	3606, 3608, 3612, 3616, 508, 515, 518, 518C, 525, 525B, 525C, 528, 528B, 530B, 535B, 535C, 545, 545C, 594H, 621, 623, 627, 633C, 641B, 768C, 769C, 769D, 771C, 771D, 772B, 773B, 773D, 775B, 775D, 776
5P7212	CONTROL GP-TRANSMISSION	910, D10R, D8R, SE60 V XW
5P7802	HITCH GP-OSCILLATING	578, 589, 725, 725C, 730, 730C, D25C, D25D, D30C, D350C, D350E, D350E II, D35C, D35HP, D400, D400E, D400E II, D40D
5P9962	CYLINDER & MTG GP-HOPPER	621, 621B, 621E, 621F, 621G, 621H, 623E, 623F, 623G, 623H, 627E, 627F, 627G, 627H, 631C, 631E, 631G, 633E II, 637D, 637E, 637G, 639D, 641B, 651E, 657E, 657G
6I8531	SHAFT GP-DRIVE	533, 543, 924F, 924G, 924GZ, 924H, 924HZ, 924K, 928F, 928G, 928H, 928HZ, 930G, 930K, 938F, 938G, 938G II, 938H, 938K, HA770, HA771, HA870, HA871, IT18F, IT24F, IT28F, IT28G, IT38F, IT38G, IT38G II
6J1144	AXLE GP-REAR	69D, 768C, 769, 769C, 769D, 770, 771C, 771D, 772, 773, 773B, 773D, 773E, 773F, 773G, 773G LRC, 773G OEM, 775B, 775D, 775E, 775F, 775G, 775G LRC, 775G OEM, AD40, AD45, AD45B, AD55, AD55B, AD60, AE40
6J5383	PUSH ARM GP	7A, 7S, D5H XL, D5R LGP, D6H, D6H II, D6H XL, D6H XR, D6M, D6N, D6N LGP, D6R, D6R II, D6R III, D6R STD, D6T, D6T LGP, D6T XL, D7E, D7E LGP, D7G, D7G2
6S3976	FRAME GP-REAR	910, 910E, 910G, IT12B, IT14B, IT14F
6V0444	SUPPORT GP-AXLE HOUSING	776C, 776D, 777B, 777D, 777F, 777G, 784B, 784C, 785, 785B, 785C, 785D, 789, 789B, 789C, 789D, 793, 793B
6V3249	CYLINDER GP-HOIST	517, 525, 525B, 527, 785, 785B, 785C, 785D, 789, 789B, 789C, 789D, 793, 793B, 793C, 793D, 793F, 793F AC, 793F CMD, 793F OEM, 793F-XQ, D11N, D11R, D11T, D35C, D35HP, D44B, D550B
6V3340	CYLINDER GP-TILT	844, 844H, D8L, D8N, D8R, D8R II, D9N, D9R
6V5002	FRAME GP-REAR	525, 525B, 525C, 525D, 535B, 535C, 535D, 545, 545C, 545D, 555D, 611, 615, 615C, 65E, 725, 725C, 730, 730C, 735, 735B, 740, 740B, 75E, 85E, 950G, 95E, 962G, 966G, 966G II, 966H, 972G, 972G II, 972H
6V5003	CYLINDER GP-SUSPENSION	525, 525B, 525C, 525D, 535B, 535C, 535D, 545, 545C, 545D, 555D, 611, 615, 615C, 725, 725C, 730, 730C, 735, 740, CB-614, D250B, D250E, D250E II, D25C, D25D, D300B, D300D, D300E, D300E II, D30C, D350C
6V8105	CYLINDER GP-ANGLING	D3B, D3C III, D4C III, D5C III
6Y2745	CONTROL GP-HYDRAULIC HAND	416B, 426B, 426C, 428B, 436B, 438B, 931B, 931C, 931C II, 933, 939, D3B, D3C, D3C II, D3C III, D4C, D4C III, D5C, D5C III
6Y4457	FRAME GP-FRONT SUSPENSION	725, 725C, 730, 730C, 834G, 834H, D25D, D30C
6Y9379	CYLINDER GP-HOIST	793, 793B, 793C, 793D, 793F, 793F AC, 793F CMD

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# SPHERICAL BEARINGS - CON'T.

Part No.	Description	Application
6Y9380	CYLINDER GP-HOIST	793, 793B, 793C, 793D, 793F, 793F AC, 793F CMD
7J1309	HITCH GP-ARTICULATING	2470C, 2570C, 2670C, 2864C, 30/30, 320C, 320D FM, 517, 527, 553C, 563C, 573C, 586C, 611, 613, 615, 615C, 627, 637, 637D, 637E, 637G, 772, 773, 773B, 773D, 775B, 775D, 776, 834G, 834H, 834K, 836G, 836H
7J3297	HOUSING GP-REAR AXLE	772, 772B, 773, 773B, 773D, 773E, 773F, 773G, 773G LRC, 775B, 775D, 775E, 775F, 775G, 775G LRC, 776, 776C, 776D, 777, 777B, 777D, 777F, 777G, 844, 844H, 844K, D8R, D8R II, D8T, D9R
7J4982	APRON GP	621B, 621H, 621K, 627B, 627H, 627K, 627K LRC, 631B, 631D, 637B, 641B, 651, 651B, 657, 657B, 666, TS180
7T9147	BRACE GP-BULLDOZER	D8N, D8R, D8R II, D8T
7T9586	C-FRAME GP	D6H, D6H XL, D6H XR, D6R, D6R II
7U9291	FRAME GP-CENTER SUSPENSION	D250E, D250E II, D300D, D300E II
8E2058	CYLINDER GP-STICK	235C, 235D
8F3225	HUB GP-SHAFT	561B, 977D
8G0890	FRONT IDLER GROUP	973
8G4189	BLADE GP-LEVELING	527, 65, 65C, 65E, 75, 75C, 75D, 75E, 85C, 85D, 85E, 943, 95E, CP-433C, CP-433E, CP-44, CP-56, CP-563, CP-573E, CP-64, CP-68B, CP-74B, CS-323C, CS-433C, CS-433E, CS-44, CS-533, CS-533C, CS-533D, CS-56
8G4259	FRONT IDLER GROUP	963
8G4371	CYLINDER GP-STABILIZER	770G, 772G, 953, AD45B, CP-433B, M318, M318C, M318C MH, M318D MH, M320, M322C, M322D, M322D MH, M325C MH, M325D MH
8J3783	LINK GP	235, 235C, 245, 784B, 784C, 785, 785B, 785C, 785D, 789, 789B, 789C, 789D, 793, 793B, 793C, 793D
8J4382	SUSPENSION GP-REAR	235C, 245, 245B, 245D, 789
8J4411	CYLINDER GP-STICK	215, 215B, 215C, 215D, 225, 225D, 227, 229, 229D, 235, 235C
8J4585	CYLINDER GP-BOOM	225, 227, 229, 229D, 231D, 235, 235B, 235C
8J6861	CYLINDER GP-BOOM	215, 215B, 215C, 215D, 633E
8J7978	STABILIZER GP-BULLDOZER	814, 814F, 814K
8J8906	SUSPENSION GP-REAR	776, 776C, 776D, 777, 777D, 777F, 777G
8T0333	BULLDOZER AR-PWR ANGLE & TILT	527, 908, D5R LGP, D6K2, D6K2 LGP, D6N, D6N LGP, D6R III, D6T, D6T LGP, D6T LGPPAT, D6T XL, GSH15, GSH15-60, GSH22B, GSH9, GSH9B, M313C, M315C, M318C, M318C MH, M318D MH, M322C, M322D MH, M325C MH
9C3848	HITCH GP-ARTICULATING	914G, 918F, 924F, IT14G, IT18F, IT24F
9D2319	CYLINDER & MTG GP-HOIST	776C, 777, 777B, 777D, 777F, 777G
9J3206	ARM GP-GRAPPLE	2470C, 2570C, 2670C, 2864C, 517, 525, 525B, 527, 533, 543, 553C, 563C, 573C, 583R, 583T, 584, 586C, 587R, 587T, 613, 613B, 613C, 613C II, 613G, BR624, D250B, D250D, D250E, D250E II, D300B, D300D, D300
9J7964	CYLINDER GP-TILT	330B L, 330C, 330C L, 330D L, 336D L, 336E HVG, 365B, 365C L, 385B, 385C L, 5080, 517, 527, 825C, 825G, 825G II, 825H, D4H, D4H XL, D4HTSK II, D4HTSK III, D5H, D5H XL, D5HTSK II, D5R LGP, D6M
9M1328	CYLINDER GP-HYDRAULIC	120K, 120K 2, 120M, 12K, 12M, 12M 3, 12M 3 AWD, 140K, 140K 2, 140M, 140M 3, 140M 3 AWD, 16, 160K, 160M, 160M 3, 160M 3 AWD, 2470C, 2570C, 259B3, 259D, 2670C, 2864C, 30/30, 320C, 320D FM, 517, 525C
9M3914	FILTER GP-FUEL	3606, 3608, 621B, 621R, 627B, 631C, 633C, 637D, 637E, 641, 641B, 651, 651E, 657E, 768B, 769, 772, AP-600D, AP-655D, AP1000E, AP1055E, AP555E, BG1000E, BG1055E, BG500E, BG600D, BG655D, PM-565
9U8693	DRIVE GP-SWING	330, 330 FM L, 330 L, 330B, 330B L, 330C, 330C FM, 330C L, 330C MH, 330D, 330D FM, 330D L, 330D LN, 330D MH, 336D, 336D L, 336D LN, 336D2, 336D2 L, 336E, 336E H, 336E HVG, 336E L, 336E LH, 336E LN
9U9558	SUSPENSION GP-REAR	784B, 784C, 785, 785B, 785C, 785D
9W1677	BULLDOZER BRACE	D7E, D7H, D7R, D7R II, D7R XR
9W9400	CYLINDER GP-BOOM	225D, 229

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## SPHERICAL BEARING RACES

Part No.	Description	Application
2115383	CYLINDER GP-ANGLING	D6R, D6R II
2493505	CYLINDER & MTG GP-STEERING	120M, 120M 2, 12M, 12M 2, 12M 3, 12M 3 AWD, 140M, 140M 2, 140M 3, 140M 3 AWD, 14M, 160M, 160M 2, 160M 3, 160M 3 AWD, 16M
2749256	LINK GP-STEERING	24H, 24M, 770, 772, 773D, 773E, 773F, 775F, 776C, 776D, 777D, 777F, PM-201, PM-565, PM-565B
3T1377	BAR GP-EQUALIZER	D10N, D9L
7D3182	CYLINDER & MTG GP-HOIST	773, 773B, 773D, 773E, 773F, 775B, 775D, 775E, 775F, AD40, AD45
9J6070	TRUNNION GP-BULLDOZER	D10N, D10R, D9L

## SPHERICAL BEARINGS FOR KOMATSU®

Part No.	Description	Application
07137-04006	STEERING LINKAGE	BF60, D40A, D40AM, D40P, D40PF, D41A, D41E, D41E6T, D41P, D41PF, D60A, D60E, D60P, D60PL, D65A, D65E, D65P, HD325, HD405, HD465, HD605
07137-04507	STEERING AND HOIST HYDRAULIC PIPING	D41E, D41E6T, D41P, D41PF, D50A, D53A, D53P, D58E, D58P, D61E, D61EX, D61PX, D68ESS, D80A, D80E, D80P, D85A, D85E, D85P, HD465, HD605
07137-05008	DOZER BLADE ANGLE CYLINDER	D65EX, D65PX, D65WX, HD785
07137-05509	FRONT AXLE, LEVER	D355A, D50A, D53A, D53P, D58E, D58P, HD460, HD465, HD605
07137-06010	FRONT AXLE, LEVER	HD1500, HD785
134-50-62150	SUSPENSION	D61E, D61EX, D61EXI, D61P, D61PX, D61PXI, D63E, D68ESS
17A-50-12310	EQUALIZER BAR	D155A, D155AX
17M-50-41161	EQUALIZER BAR AND PIVOT SHAFT	D275A, D275AX
195-50-41161	EQUALIZER BAR AND PIVOT SHAFT	D375A
195-71-51263	DOZER BLADE TILT CYLINDER	D375A, WD600
419-46-11281	HINGE PIN	532, WA300, WA300L, WA320, WA320L, WA320PT, WA320PZ
566-50-11461	SUSPENSION CYLINDER	HD325, HD405, HM250, HM300, HM350, HM400
566-52-41920	FRONT AXLE, ARM LEVER	HD325, HD405, HD465, HD605
581-50-21450	MAIN FRAME, AXLE SUPPORT	AFP49, HD1200, HD1500
707-46-14010	BOOM CYLINDER	PC1000, PC1000SE, PC1000SP, PC1100, PC1100SE, PC1100SP, PC1250, PC1250SE, PC1250SP, PC1600, PC800, PC800SE, PC850SE
707-46-18050	BOOM CYLINDER	PC2000

\* Other part no. not included in the list are available. Please contact your sales representative if you have any questions. Part Numbers are used for reference purposes only. Komatsu® is the registered trademark of Komatsu Ltd.