

Spherical Roller Bearings

Plain Bearings

Spherical plain bearings are designed to accept high radial loads where small swiveling and pivoting motions must be accepted.



Part No.	Mfg. No.	Bore Size	Outer Diameter	Width	Dynamic Load Bearing	Static Load Bearing
4122381	GE17-DO-2RS	17mm	30mm	14mm	21200 N	106000 N
4122382	GE20-DO-2RS	20mm	35mm	16mm	30000 N	146000 N
4122383	GE25-DO-2RS	25mm	42mm	20mm	48000 N	240000 N
4122384	GE30-DO-2RS	30mm	47mm	22mm	62000 N	310000 N
4122385	GE35-DO-2RS	35mm	55mm	25mm	80000 N	400000 N
4122386	GE40-DO-2RS	40mm	62mm	28mm	100000 N	500000 N
4122387	GE50-DO-2RS	50mm	75mm	35mm	156000 N	780000 N
4122388	GE60-DO-2RS	60mm	90mm	44mm	245000 N	1220000 N
4122389	GE70-DO-2RS	70mm	105mm	49mm	315000 N	1560000 N
4122390	GE17-UK-2RS	17mm	30mm	14mm	48700 N	81200 N
4122391	GE20-UK-2RS	20mm	35mm	16mm	67500 N	112000 N
4122392	GE25-UK-2RS	25mm	42mm	20mm	127000 N	212000 N
4122393	GE30-UK-2RS	30mm	47mm	22mm	165000 N	275000 N
4122394	GE35-UK-2RS	35mm	55mm	25mm	210000 N	350000 N
4122395	GE40-UK-2RS	40mm	62mm	28mm	277000 N	462000 N
4122396	GE45-UK-2RS	45mm	68mm	32mm	360000 N	600000 N
4122397	GE50-UK-2RS	50mm	75mm	35mm	442000 N	737000 N
4122398	GE60-UK-2RS	60mm	90mm	44mm	690000 N	1150000 N
4122399	GE70-UK-2RS	70mm	105mm	49mm	885000 N	1475000 N

Radial Ball Bearings

Radial Ball Bearings

- Excellent for radial load applications.
- 30-35% grease filled.
- Available in rubber seal (2RS) or metal shield (ZZ). Meets ABEC 1-9, AFBMA and ISO Standards.
- Popular usages include: automotive, wheels, electric motors, tools, appliances, transmissions, generators, conveyors and power tools.
- Note: Vendor part numbers ending in "2RS" use rubber seals. Vendor part numbers ending in "ZZ" use metal shields.
- All series ball bearings also available in Major Brands



Part No.	Mfg. No.	Bore Size	I.D.	Outer Diameter	Width	O.D.	Dynamic Load Bearing	Static Load Bearing
0474436	1601-2RS	0.1875"	0.1875"	11/16"	5/16"	0.6875"	340 lb	163 lb
0474437	1601-ZZ	0.1875"	0.1875"	11/16"	5/16"	0.6875"	340 lb	163 lb
0474438	1602-2RS	0.2500"	0.2500"	11/16"	5/16"	0.6875"	340 lb	163 lb
0474439	1602-ZZ	0.2500"	0.2500"	11/16"	5/16"	0.6875"	340 lb	163 lb
0474440	1603-2RS	0.3125"	0.3125"	7/8"	11/32"	0.875"	573 lb	302 lb
0474441	1603-ZZ	0.3125"	0.3125"	7/8"	11/32"	0.875"	573 lb	302 lb
0474442	1604-2RS	0.3750"	0.3750"	7/8"	11/32"	0.875"	573 lb	302 lb
0474443	1604-ZZ	0.3750"	0.3750"	7/8"	11/32"	0.875"	573 lb	302 lb
0474444	1605-2RS	0.3125"	0.3125"	29/32"	5/16"	0.9063"	573 lb	302 lb
0474445	1605-ZZ	0.3125"	0.3125"	29/32"	5/16"	0.9063"	573 lb	302 lb
0474446	1606-2RS	0.3750"	0.3750"	29/32"	5/16"	0.9063"	573 lb	302 lb
0474447	1606-ZZ	0.3750"	0.3750"	29/32"	5/16"	0.9063"	573 lb	302 lb
0474448	1607-2RS	0.4375"	0.4375"	29/32"	5/16"	0.9063"	800 lb	436 lb
0474449	1614-2RS	0.3750"	0.3750"	1-1/8"	3/8"	1.125"	882 lb	505 lb
0474451	1614-ZZ	0.3750"	0.3750"	1-1/8"	3/8"	1.125"	882 lb	505 lb
0474452	1615-2RS	0.4375"	0.4375"	1-1/8"	3/8"	1.125"	882 lb	505 lb
0474453	1615-ZZ	0.4375"	0.4375"	1-1/8"	3/8"	1.125"	882 lb	505 lb
0474454	1616-2RS	0.5000"	0.5000"	1-1/8"	3/8"	1.125"	882 lb	505 lb
0474455	1616-ZZ	0.5000"	0.5000"	1-1/8"	3/8"	1.125"	882 lb	505 lb
0474456	1620-2RS	0.4375"	0.4375"	1-3/8"	7/16"	1.375"	1323 lb	781 lb
0474457	1620-ZZ	0.4375"	0.4375"	1-3/8"	7/16"	1.375"	1323 lb	781 lb
0474458	1621-2RS	0.5000"	0.5000"	1-3/8"	7/16"	1.375"	1323 lb	781 lb
0474459	1621-ZZ	0.5000"	0.5000"	1-3/8"	7/16"	1.375"	1323 lb	781 lb
0474462	1623-2RS	0.6250"	0.6250"	1-3/8"	7/16"	1.375"	1323 lb	781 lb
0474463	1623-ZZ	0.6250"	0.6250"	1-3/8"	7/16"	1.375"	1323 lb	781 lb
0474464	1628-2RS	0.6250"	0.6250"	1-5/8"	1/2"	1.625"	1627 lb	1001 lb
0474465	1628-ZZ	0.6250"	0.6250"	1-5/8"	1/2"	1.625"	1627 lb	1001 lb
0474466	1630-2RS	0.7500"	0.7500"	1-5/8"	1/2"	1.625"	1627 lb	1001 lb
0474467	1630-ZZ	0.7500"	0.7500"	1-5/8"	1/2"	1.625"	1627 lb	1001 lb
0474468	1633-2RS	0.6250"	0.6250"	1-3/4"	1/2"	1.75"	1627 lb	1001 lb
0474469	1633-ZZ	0.6250"	0.6250"	1-3/4"	1/2"	1.75"	1627 lb	1001 lb
0474470	1635-2RS	0.7500"	0.7500"	1-3/4"	1/2"	1.75"	1627 lb	1001 lb
0474471	1635-ZZ	0.7500"	0.7500"	1-3/4"	1/2"	1.75"	1627 lb	1001 lb
0474472	1638-2RS	0.7500"	0.75"	2"	9/16"	2"	2426 lb	1536 lb
0474473	1638-ZZ	0.7500"	0.75"	2"	9/16"	2"	2426 lb	1536 lb
0474474	1640-2RS	0.8750"	0.875"	2"	9/16"	2"	2426 lb	1536 lb
0474475	1640-ZZ	0.8750"	0.875"	2"	9/16"	2"	2426 lb	1536 lb
0474476	1641-2RS	1.0000"	1.0"	2"	9/16"	2"	2426 lb	1536 lb
0474477	1641-ZZ	1.0000"	1.0"	2"	9/16"	2"	2426 lb	1536 lb
0474478	1652-2RS	1.1250"	1.1250"	2-1/2"	5/8"	2.5"	2880 lb	1890 lb
0474480	1654-2RS	1.2500"	1.25"	2-1/2"	5/8"	2.5"	2880 lb	1890 lb
0474481	1654-ZZ	1.2500"	1.25"	2-1/2"	5/8"	2.5"	2880 lb	1890 lb

POWER TRANSMISSION & MOTORS

R-Series - Inch



Part No.	Mfg. No.	Outer Diameter	I.D.	Width	O.D.	Dynamic Load Bearing	Static Load Bearing
0474484	R2-2RS	3/8"	0.125"	5/32"	0.375"	73 lb	29 lb
0474485	R2-ZZ	3/8"	0.125"	5/32"	0.375"	73 lb	29 lb
0474486	R3-2RS	1/2"	0.1875"	0.196"	0.5"	147 lb	64 lb
0474487	R3-ZZ	1/2"	0.1875"	0.196"	0.5"	147 lb	64 lb
0474488	R4-2RS	5/8"	0.25"	0.196"	0.625"	167 lb	77 lb
0474489	R4-ZZ	5/8"	0.25"	0.196"	0.625"	167 lb	77 lb
0474490	R4-A-2RS	3/4"	0.25"	9/32"	0.75"	403 lb	198 lb
0474491	R4-A-ZZ	3/4"	0.25"	9/32"	0.75"	403 lb	198 lb
0474492	R6-2RS	7/8"	0.3750"	9/32"	0.875"	575 lb	304 lb
0474493	R6-ZZ	7/8"	0.3750"	9/32"	0.875"	575 lb	304 lb
0474494	R8-2RS	1-1/8"	0.5"	5/16"	1.125"	880 lb	505 lb
0474495	R8-ZZ	1-1/8"	0.5"	5/16"	1.125"	880 lb	505 lb
0474496	R10-2RS	1-3/8"	0.625"	11/32"	1.375"	1036 lb	624 lb
0474497	R10-ZZ	1-3/8"	0.625"	11/32"	1.375"	1036 lb	624 lb
0474498	R12-2RS	1-5/8"	0.75"	7/16"	1.625"	1630 lb	1000 lb
0474499	R12-ZZ	1-5/8"	0.75"	7/16"	1.625"	1630 lb	1000 lb
0474500	R14-2RS	1-7/8"	0.875"	1/2"	1.875"	1740 lb	1111 lb
0474501	R16-2RS	2"	1.0"	1/2"	2"	1850 lb	1222 lb
0474502	R16-ZZ	2"	1.0"	1/2"	2"	1850 lb	1222 lb
0474503	R18-2RS	2-1/8"	1.125"	1/2"	2.125"	2150 lb	1407 lb
0474504	R18-ZZ	2-1/8"	1.125"	1/2"	2.125"	2150 lb	1407 lb
0474505	R20-2RS	2-1/4"	1.25"	1/2"	2.25"	2420 lb	1960 lb
0474506	R20-ZZ	2-1/4"	1.25"	1/2"	2.25"	2420 lb	1960 lb
0474507	R24-2RS3	2-5/8"	1.5"	9/16"	2.625"	2906 lb	2085 lb

Ball Bearings

Self-Aligning Double Row Double Sealed Ball Bearings

Self-aligning double row ball bearings allow the shaft angle through the bearing to change constantly while the balls stay on the raceway. An important feature for supports that have changing loads and deflections or directions, changes of +/-1.5° are allowed. Overhung supports or changing loads where accommodation is more important than rigidity calls for the self-aligning feature. Sealed with a high quality grease, these are maintenance-free. Limited by the grease and seal, these are suitable for operation from -30°C to +100°C or -22°F to +212°F.

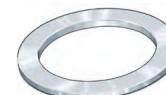


Part No.	Mfg. No.	Bore Size	Outer Diameter	Dynamic Load Bearing	Speed
4122076	2201-2RS-TVH	12mm	32mm	5700 N	17000 rpm
4122077	2202-2RS-TVH	15mm	35mm	7700 N	15000 rpm
4122078	2203-2RS-TVH	17mm	40mm	8100 N	14000 rpm
4122079	2204-2RS-TVH	20mm	47mm	10100 N	11000 rpm
4122080	2205-2RS-TVH	25mm	52mm	12300 N	9500 rpm
4122081	2206-2RS-TVH	30mm	62mm	15900 N	8000 rpm
4122082	2207-2RS-TVH	35mm	72mm	16000 N	7000 rpm
4122083	2208-2RS-TVH	40mm	80mm	19400 N	6300 rpm

Thrust Washers

Steel Axial Bearing Thrust Washer

Thrust washers offer fatigue liners for soft housings taking thrust or can act alone as independent thrust washers to ground out thrust loads.



Part No.	Bore Size	Width	Outer Diameter
4121762	8mm	1mm	21mm
4121763	10mm	1mm	24mm
4121764	12mm	1mm	26mm
4121765	15mm	1mm	28mm
4121766	17mm	1mm	30mm
4121767	20mm	1mm	35mm
4121768	25mm	1mm	42mm
4121769	30mm	1mm	47mm
4121770	35mm	1mm	52mm
4121771	40mm	1mm	60mm
4121772	45mm	1mm	65mm