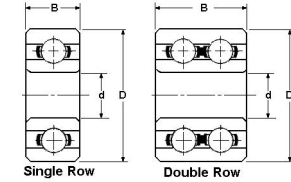




MBA

Bearings - Acetal - with Glass Balls



Bearings for Extreme Corrosion Resistance - Low Speed - Low Load.

Races made from Acetal - Balls made from Ground Glass - Cages from Acetal or Nylon.

Lubrication - Water Lubrication or can be run dry - Must lubricate over 2500 RPM.

Temperature Range - Minus 30 Deg C to 100 Deg C Continuous.

This catalogue to be read in conjunction with information at <http://www.minibearings.com.au/ical/precision/acetal/>

<http://www.minibearings.com.au//partslist/bearingsacetalwith316stainlesssteelballs/acetalbearings/all/1/3/>

<http://www.minibearings.com.au/ical/materials/acetal/>

Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# 623-ACE	3.000 <i>0.118</i>	10.000 <i>0.394</i>	4.000 <i>0.157</i>	44	29	4500	Single Row Radial
# 624-ACE	4.000 <i>0.157</i>	13.000 <i>0.512</i>	5.000 <i>0.197</i>				Single Row Radial
# 634-ACE	4.000 <i>0.157</i>	16.000 <i>0.630</i>	5.000 <i>0.197</i>				Single Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# R3-ACE	4.763 <i>0.188</i>	12.700 <i>0.500</i>	3.969 <i>0.156</i>	45	29	3167	Single Row Radial
R1106A-ACE	4.763 <i>0.188</i>	15.875 <i>0.625</i>	4.978 <i>0.196</i>	69	45	2352	Single Row Radial
625-ACE	5.000 <i>0.197</i>	16.000 <i>0.630</i>	5.000 <i>0.197</i>	53	35	3580	Single Row Radial
# 635-ACE	5.000 <i>0.197</i>	19.000 <i>0.748</i>	6.000 <i>0.236</i>				Single Row Radial
606-ACE	6.000 <i>0.236</i>	17.000 <i>0.669</i>	6.000 <i>0.236</i>	69	45	2352	Single Row Radial
626-ACE	6.000 <i>0.236</i>	19.000 <i>0.748</i>	6.000 <i>0.236</i>	58	40	3010	Single Row Radial
636-ACE	6.000 <i>0.236</i>	22.000 <i>0.866</i>	7.000 <i>0.276</i>				Single Row Radial
# R4-ACE	6.350 <i>0.250</i>	15.875 <i>0.625</i>	4.978 <i>0.196</i>	53	35	2352	Single Row Radial
# DR-R4G-ACE	6.350 <i>0.250</i>	15.875 <i>0.625</i>	9.525 <i>0.375</i>	98	53	1881	Double Row Radial
# R4-12A-ACE	6.350 <i>0.250</i>	19.050 <i>0.750</i>	5.558 <i>0.219</i>	60	42	2352	Single Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# R4-12B-ACE	6.350 <i>0.250</i>	19.050 <i>0.750</i>	7.144 <i>0.281</i>	69	45	2352	Single Row Radial
# DR-R4-12E-ACE	6.350 <i>0.250</i>	19.050 <i>0.750</i>	9.525 <i>0.375</i>	98	53	1881	Double Row Radial
607-ACE	7.000 <i>0.276</i>	19.000 <i>0.748</i>	6.000 <i>0.236</i>	58	40	3010	Single Row Radial
627-ACE	7.000 <i>0.276</i>	22.000 <i>0.866</i>	7.000 <i>0.276</i>	84	53	2600	Single Row Radial
# 637-ACE	7.000 <i>0.276</i>	26.000 <i>1.024</i>	9.000 <i>0.354</i>				Single Row Radial
608-ACE	8.000 <i>0.315</i>	22.000 <i>0.866</i>	7.000 <i>0.276</i>	80	53	2600	Single Row Radial
# 628-ACE	8.000 <i>0.315</i>	24.000 <i>0.945</i>	8.000 <i>0.315</i>				Single Row Radial
# 638-ACE	8.000 <i>0.315</i>	28.000 <i>1.102</i>	9.000 <i>0.354</i>				Single Row Radial
609-ACE	9.000 <i>0.354</i>	24.000 <i>0.945</i>	7.000 <i>0.276</i>	67	44	2380	Single Row Radial
629-ACE	9.000 <i>0.354</i>	26.000 <i>1.024</i>	8.000 <i>0.315</i>	102	67	2200	Single Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# 639-ACE	9.000 <i>0.354</i>	30.000 <i>1.181</i>	10.000 <i>0.394</i>				Single Row Radial
R6-ACE	9.525 <i>0.375</i>	22.225 <i>0.875</i>	5.558 <i>0.219</i>	102	67	2352	Single Row Radial
# R6A-ACE	9.525 <i>0.375</i>	22.225 <i>0.875</i>	7.142 <i>0.281</i>	102	67	1600	Single Row Radial
# DR-R6E-ACE	9.525 <i>0.375</i>	22.225 <i>0.875</i>	11.112 <i>0.437</i>	159	114	1280	Double Row Radial
# DR-R11812A-ACE	9.525 <i>0.375</i>	28.575 <i>1.125</i>	11.113 <i>0.438</i>	207	162	913	Double Row Radial
# R12212A-ACE	9.525 <i>0.375</i>	34.925 <i>1.375</i>	9.525 <i>0.375</i>				
# R12212-ACE	9.525 <i>0.375</i>	34.925 <i>1.375</i>	11.113 <i>0.438</i>	350	260	1600	Single Row Radial
# 6000-ACE	10.000 <i>0.394</i>	26.000 <i>1.024</i>	8.000 <i>0.315</i>	102	67	2200	Single Row Radial
# MR2810-ACE	10.000 <i>0.394</i>	28.000 <i>1.102</i>	8.000 <i>0.315</i>				Single Row Radial
6200-ACE	10.000 <i>0.394</i>	30.000 <i>1.181</i>	9.000 <i>0.354</i>	177	116	1900	Single Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# DR-6200B-ACE	10.000 <i>0.394</i>	30.000 <i>1.181</i>	14.300 <i>0.563</i>	207	162	913	Double Row Radial
6300-ACE	10.000 <i>0.394</i>	35.000 <i>1.378</i>	11.000 <i>0.433</i>	280	186	1625	Single Row Radial
# 6001B-ACE	12.000 <i>0.472</i>	28.000 <i>1.102</i>	7.000 <i>0.276</i>				Single Row Radial
6001-ACE	12.000 <i>0.472</i>	28.000 <i>1.102</i>	8.000 <i>0.315</i>	160	107	2050	Single Row Radial
# MR3012-ACE	12.000 <i>0.472</i>	30.000 <i>1.181</i>	8.000 <i>0.315</i>				Single Row Radial
# 6201-ACE	12.000 <i>0.472</i>	32.000 <i>1.260</i>	10.000 <i>0.394</i>	223	147	1800	Single Row Radial
# DR-6201E-ACE	12.000 <i>0.472</i>	32.000 <i>1.260</i>	15.875 <i>0.625</i>	207	162	913	Double Row Radial
6301-ACE	12.000 <i>0.472</i>	37.000 <i>1.457</i>	12.000 <i>0.472</i>	307	205	1550	Single Row Radial
R8-ACE	12.700 <i>0.500</i>	28.575 <i>1.125</i>	6.350 <i>0.250</i>	160	107	1142	Single Row Radial
# R8H-ACE	12.700 <i>0.500</i>	28.575 <i>1.125</i>	9.525 <i>0.375</i>	146	114	1142	Single Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# DR-R8B-ACE	12.700 <i>0.500</i>	28.575 <i>1.125</i>	11.113 <i>0.438</i>	207	162	913	Double Row Radial
# R12216A-ACE	12.700 <i>0.500</i>	34.925 <i>1.375</i>	9.525 <i>0.375</i>				
R12216-ACE	12.700 <i>0.500</i>	34.925 <i>1.375</i>	11.113 <i>0.438</i>	350	244	1150	Single Row Radial
6002A-ACE	15.000 <i>0.591</i>	32.000 <i>1.260</i>	8.000 <i>0.315</i>	191	129	1800	Single Row Radial
6002-ACE	15.000 <i>0.591</i>	32.000 <i>1.260</i>	9.000 <i>0.354</i>	205	138	1800	Single Row Radial
6202-ACE	15.000 <i>0.591</i>	35.000 <i>1.378</i>	11.000 <i>0.433</i>	263	177	1630	Single Row Radial
# DR-6202G-ACE	15.000 <i>0.591</i>	35.000 <i>1.378</i>	15.875 <i>0.625</i>	225	180	855	Double Row Radial
6302-ACE	15.000 <i>0.591</i>	42.000 <i>1.654</i>	13.000 <i>0.512</i>	369	245	1360	Single Row Radial
# R11820-ACE	15.875 <i>0.625</i>	28.575 <i>1.125</i>	6.350 <i>0.250</i>	350	260	1070	Single Row Radial
R10-ACE	15.875 <i>0.625</i>	34.925 <i>1.375</i>	7.142 <i>0.281</i>	263	177	1069	Single Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# R10A-ACE	15.875 <i>0.625</i>	34.925 <i>1.375</i>	8.731 <i>0.344</i>	263	177	1069	Single Row Radial
# R10G-ACE	15.875 <i>0.625</i>	34.925 <i>1.375</i>	9.525 <i>0.375</i>				
R10D-ACE	15.875 <i>0.625</i>	34.925 <i>1.375</i>	11.113 <i>0.438</i>	263	177	1069	Single Row Radial
6003A-ACE	17.000 <i>0.669</i>	35.000 <i>1.378</i>	8.000 <i>0.315</i>	249	165	1630	Single Row Radial
# 6003-ACE	17.000 <i>0.669</i>	35.000 <i>1.378</i>	10.000 <i>0.394</i>	263	177	1630	Single Row Radial
6203-ACE	17.000 <i>0.669</i>	40.000 <i>1.575</i>	12.000 <i>0.472</i>	325	214	1430	Single Row Radial
# DR-6203E-ACE	17.000 <i>0.669</i>	40.000 <i>1.575</i>	17.460 <i>0.687</i>	225	180	855	Double Row Radial
6303-ACE	17.000 <i>0.669</i>	47.000 <i>1.850</i>	14.000 <i>0.551</i>	440	293	1220	Single Row Radial
# R12-ACE	19.050 <i>0.750</i>	41.275 <i>1.625</i>	7.938 <i>0.313</i>	325	214	840	Single Row Radial
# DR-R12E-ACE	19.050 <i>0.750</i>	41.275 <i>1.625</i>	15.875 <i>0.625</i>	244	199	672	Double Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# 6004B-ACE	20.000 <i>0.787</i>	42.000 <i>1.654</i>	8.000 <i>0.315</i>	307	205	1365	Single Row Radial
6004-ACE	20.000 <i>0.787</i>	42.000 <i>1.654</i>	12.000 <i>0.472</i>	325	214	1365	Single Row Radial
6204-ACE	20.000 <i>0.787</i>	47.000 <i>1.850</i>	14.000 <i>0.551</i>	414	275	1220	Single Row Radial
# DR-6204A-ACE	20.000 <i>0.787</i>	47.000 <i>1.850</i>	20.640 <i>0.813</i>	244	199	672	Double Row Radial
6304-ACE	20.000 <i>0.787</i>	52.000 <i>2.047</i>	15.000 <i>0.591</i>	530	351	1100	Single Row Radial
6005A-ACE	25.000 <i>0.984</i>	47.000 <i>1.850</i>	8.000 <i>0.315</i>	304	206	1050	Single Row Radial
# 6005-ACE	25.000 <i>0.984</i>	47.000 <i>1.850</i>	12.000 <i>0.472</i>	244	162	729	Single Row Radial
# 6205-ACE	25.000 <i>0.984</i>	52.000 <i>2.047</i>	15.000 <i>0.591</i>	244	162	729	Single Row Radial
# DR-6205A-ACE	25.000 <i>0.984</i>	52.000 <i>2.047</i>	20.640 <i>0.813</i>	337	292	583	Double Row Radial
# 6305-ACE	25.000 <i>0.984</i>	62.000 <i>2.441</i>	17.000 <i>0.669</i>	588	392	725	Single Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# R16A-ACE	25.400 <i>1.000</i>	50.800 <i>2.000</i>	12.700 <i>0.500</i>	374	249	729	Single Row Radial
# DR-R16G-ACE	25.400 <i>1.000</i>	50.800 <i>2.000</i>	19.050 <i>0.750</i>	337	292	583	Double Row Radial
# R18A-ACE	28.575 <i>1.125</i>	53.975 <i>2.125</i>	12.700 <i>0.500</i>				Single Row Radial
# DR-R18A-ACE	28.575 <i>1.125</i>	53.975 <i>2.125</i>	19.050 <i>0.750</i>				Double Row Radial
# 6006A-ACE	30.000 <i>1.181</i>	55.000 <i>2.165</i>	9.000 <i>0.354</i>	363	235	900	Single Row Radial
# 6006-ACE	30.000 <i>1.181</i>	55.000 <i>2.165</i>	13.000 <i>0.512</i>				Single Row Radial
6206-ACE	30.000 <i>1.181</i>	62.000 <i>2.441</i>	16.000 <i>0.630</i>	539	353	800	Single Row Radial
# WR13240-ACE	31.750 <i>1.250</i>	50.800 <i>2.000</i>	12.700 / 13.970				
# R20A-ACE	31.750 <i>1.250</i>	57.150 <i>2.250</i>	12.700 <i>0.500</i>				Single Row Radial
# DR-R20A-ACE	31.750 <i>1.250</i>	57.150 <i>2.250</i>	19.050 <i>0.750</i>				Double Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# 6207-ACE	35.000 <i>1.378</i>	42.000 <i>1.654</i>	17.000 <i>0.669</i>	608	402	700	Single Row Radial
# 6007A-ACE	35.000 <i>1.378</i>	62.000 <i>2.441</i>	9.000 <i>0.354</i>	422	284	800	Single Row Radial
# 6007-ACE	35.000 <i>1.378</i>	62.000 <i>2.441</i>	14.000 <i>0.551</i>				Single Row Radial
# 6307-ACE	35.000 <i>1.378</i>	80.000 <i>3.150</i>	21.000 <i>0.827</i>	735	481	600	Single Row Radial
# 6008A-ACE	40.000 <i>1.575</i>	68.000 <i>2.677</i>	9.000 <i>0.354</i>	441	294	750	Single Row Radial
# 6008-ACE	40.000 <i>1.575</i>	68.000 <i>2.677</i>	15.000 <i>0.591</i>	510	343	750	Single Row Radial
# 6208-ACE	40.000 <i>1.575</i>	80.000 <i>3.150</i>	18.000 <i>0.709</i>	647	431	625	Single Row Radial
# 6009A-ACE	45.000 <i>1.772</i>	75.000 <i>2.953</i>	10.000 <i>0.394</i>	490	324	650	Single Row Radial
# 6009-ACE	45.000 <i>1.772</i>	75.000 <i>2.953</i>	16.000 <i>0.630</i>	549	373	650	Single Row Radial
# 6209-ACE	45.000 <i>1.772</i>	85.000 <i>3.346</i>	19.000 <i>0.748</i>	706	461	580	Single Row Radial

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Bearings - Acetal - with Glass Balls

Part Number	ID (d) mm <i>inches</i>	Outer Diameter (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Rating N	Static Load Rating N	Max RPM in Air	Type
# 6309-ACE	45.000 <i>1.772</i>	100.000 <i>3.937</i>	25.000 <i>0.984</i>	883	530	500	Single Row Radial
# 6010-ACE	50.000 <i>1.969</i>	80.000 <i>3.150</i>	16.000 <i>0.630</i>	569	382	600	Single Row Radial
# 6210-ACE	50.000 <i>1.969</i>	90.000 <i>3.543</i>	20.000 <i>0.787</i>	755	530	550	Single Row Radial
# 6011-ACE	55.000 <i>2.165</i>	90.000 <i>3.543</i>	18.000 <i>0.709</i>	588	392	550	Single Row Radial
# 6211-ACE	55.000 <i>2.165</i>	100.000 <i>3.937</i>	21.000 <i>0.827</i>	785	588	500	Single Row Radial
# 6012-ACE	60.000 <i>2.362</i>	95.000 <i>3.740</i>	18.000 <i>0.709</i>	628	412	500	Single Row Radial
# 6212-ACE	60.000 <i>2.362</i>	110.000 <i>4.331</i>	22.000 <i>0.866</i>	863	618	450	Single Row Radial
# 6013-ACE	65.000 <i>2.559</i>	100.000 <i>3.937</i>	18.000 <i>0.709</i>	657	431	475	Single Row Radial
# 6014-ACE	70.000 <i>2.756</i>	110.000 <i>4.331</i>	20.000 <i>0.787</i>	696	451	450	Single Row Radial

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