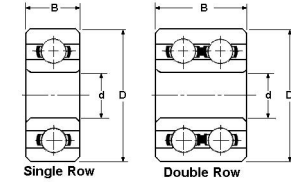




MBA

Bearings - Acetal - with 316 Stainless Steel Balls



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

Races made from Acetal - Balls made from 316 Stainless Steel - 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/bearingsacetalwithglassballs/acetalbearings/all/1/3/>

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

Bearings - Acetal - with 316 Stainless Steel 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
# 624-ACE316	4.000 <i>0.157</i>	13.000 <i>0.512</i>	5.000 <i>0.197</i>				Single Row Radial
# 634-ACE316	4.000 <i>0.157</i>	16.000 <i>0.630</i>	5.000 <i>0.197</i>				Single Row Radial
R3-ACE316	4.763 <i>0.188</i>	12.700 <i>0.500</i>	3.969 <i>0.156</i>	45	29	3167	Single Row Radial

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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
R1106A-ACE316	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-ACE316	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-ACE316	5.000 <i>0.197</i>	19.000 <i>0.748</i>	6.000 <i>0.236</i>				Single Row Radial
606-ACE316	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-ACE316	6.000 <i>0.236</i>	19.000 <i>0.748</i>	6.000 <i>0.236</i>				Single Row Radial
636-ACE316	6.000 <i>0.236</i>	22.000 <i>0.866</i>	7.000 <i>0.276</i>				Single Row Radial
R4-ACE316	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-ACE316	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-ACE316	6.350 <i>0.250</i>	19.050 <i>0.750</i>	5.558 <i>0.219</i>	60	42	2352	Single Row Radial
R4-12B-ACE316	6.350 <i>0.250</i>	19.050 <i>0.750</i>	7.144 <i>0.281</i>	69	45	2352	Single Row Radial

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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-R4-12E-ACE316	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-ACE316	7.000 <i>0.276</i>	19.000 <i>0.748</i>	6.000 <i>0.236</i>				Single Row Radial
# 627-ACE316	7.000 <i>0.276</i>	22.000 <i>0.866</i>	7.000 <i>0.276</i>				Single Row Radial
637-ACE316	7.000 <i>0.276</i>	26.000 <i>1.024</i>	9.000 <i>0.354</i>				Single Row Radial
608-ACE316	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-ACE316	8.000 <i>0.315</i>	24.000 <i>0.945</i>	8.000 <i>0.315</i>				Single Row Radial
# 638-ACE316	8.000 <i>0.315</i>	28.000 <i>1.102</i>	9.000 <i>0.354</i>				Single Row Radial
# 609-ACE316	9.000 <i>0.354</i>	24.000 <i>0.945</i>	7.000 <i>0.276</i>				Single Row Radial
# 629-ACE316	9.000 <i>0.354</i>	26.000 <i>1.024</i>	7.000 <i>0.276</i>				Single Row Radial
# 639-ACE316	9.000 <i>0.354</i>	30.000 <i>1.181</i>	10.000 <i>0.394</i>				Single Row Radial

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Bearings - Acetal - with 316 Stainless Steel 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
R6-ACE316	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-ACE316	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-ACE316	9.525 <i>0.375</i>	22.225 <i>0.875</i>	11.112 <i>0.437</i>	159	114	1280	Double Row Radial
# R12212A-ACE316	9.525 <i>0.375</i>	34.925 <i>1.375</i>	9.525 <i>0.375</i>				Single Row Radial
# R12212-ACE316	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-ACE316	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-ACE316	10.000 <i>0.394</i>	28.000 <i>1.102</i>	8.000 <i>0.315</i>				Single Row Radial
6200-ACE316	10.000 <i>0.394</i>	30.000 <i>1.181</i>	9.000 <i>0.354</i>	177	116	1900	Single Row Radial
DR-6200B-ACE316	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-ACE316	10.000 <i>0.394</i>	35.000 <i>1.378</i>	11.000 <i>0.433</i>	275	186	1400	Single Row Radial

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Bearings - Acetal - with 316 Stainless Steel 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
# 6001B-ACE316	12.000 <i>0.472</i>	28.000 <i>1.102</i>	7.000 <i>0.276</i>				Single Row Radial
6001-ACE316	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-ACE316	12.000 <i>0.472</i>	30.000 <i>1.181</i>	8.000 <i>0.315</i>				Single Row Radial
6201-ACE316	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-ACE316	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-ACE316	12.000 <i>0.472</i>	37.000 <i>1.457</i>	12.000 <i>0.472</i>	304	206	1300	Single Row Radial
R8-ACE316	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-ACE316	12.700 <i>0.500</i>	28.575 <i>1.125</i>	9.525 <i>0.375</i>	146	114	1142	Single Row Radial
# R12216A-ACE316	12.700 <i>0.500</i>	34.925 <i>1.375</i>	9.525 <i>0.375</i>				Single Row Radial
# DR-R12216-ACE316	12.700 <i>0.500</i>	34.925 <i>1.375</i>	11.112 <i>0.437</i>				Double Row Radial

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Bearings - Acetal - with 316 Stainless Steel 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
R12216-ACE316	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-ACE316	15.000 <i>0.591</i>	32.000 <i>1.260</i>	8.000 <i>0.315</i>	186	127	1500	Single Row Radial
6002-ACE316	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-ACE316	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-ACE316	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-ACE316	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-ACE316	15.875 <i>0.625</i>	28.575 <i>1.125</i>	6.350 <i>0.250</i>	350	260	1070	Single Row Radial
R11820B-ACE316	15.875 <i>0.625</i>	28.575 <i>1.125</i>	7.938 <i>0.313</i>	350	260	1070	Single Row Radial
# R10D-ACE316	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-ACE316	17.000 <i>0.669</i>	35.000 <i>1.378</i>	8.000 <i>0.315</i>	235	157	1400	Single Row Radial

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Bearings - Acetal - with 316 Stainless Steel 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
6003-ACE316	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-ACE316	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-ACE316	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-ACE316	17.000 <i>0.669</i>	47.000 <i>1.850</i>	14.000 <i>0.551</i>	441	294	1050	Single Row Radial
R12-ACE316	19.050 <i>0.750</i>	41.275 <i>1.625</i>	7.938 <i>0.313</i>	325	214	840	Single Row Radial
R12A-ACE316	19.050 <i>0.750</i>	41.275 <i>1.625</i>	11.113 <i>0.438</i>	207	138	840	Single Row Radial
# DR-R12E-ACE316	19.050 <i>0.750</i>	41.275 <i>1.625</i>	15.875 <i>0.625</i>	244	199	672	Double Row Radial
# 6004B-ACE316	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-ACE316	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-ACE316	20.000 <i>0.787</i>	47.000 <i>1.850</i>	14.000 <i>0.551</i>	414	275	1220	Single Row Radial

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Bearings - Acetal - with 316 Stainless Steel 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-6204A-ACE316	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-ACE316	20.000 <i>0.787</i>	52.000 <i>2.047</i>	15.000 <i>0.591</i>				Single Row Radial
# 6005A-ACE316	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-ACE316	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-ACE316	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-ACE316	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-ACE316	25.000 <i>0.984</i>	62.000 <i>2.441</i>	17.000 <i>0.669</i>	588	392	785	Single Row Radial
R16A-ACE316	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-ACE316	25.400 <i>1.000</i>	50.800 <i>2.000</i>	19.050 <i>0.750</i>	337	292	583	Double Row Radial
# 1568-PBT-316	25.450 <i>1.002</i>	40.890 <i>1.610</i>	9.530 / 12.570				Special For Spa Jet Motors

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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
# R18A-ACE316	28.575 <i>1.125</i>	53.975 <i>2.125</i>	12.700 <i>0.500</i>				Single Row Radial
# DR-R18A-ACE316	28.575 <i>1.125</i>	53.975 <i>2.125</i>	19.050 <i>0.750</i>				Double Row Radial
# 6006A-ACE316	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-ACE316	30.000 <i>1.181</i>	55.000 <i>2.165</i>	13.000 <i>0.512</i>				Single Row Radial
# 6206-ACE316	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-ACE316	31.750 <i>1.250</i>	50.800 <i>2.000</i>	12.700 / 13.970				Single Row Radial with Extended Inner Ring
# R20A-ACE316	31.750 <i>1.250</i>	57.150 <i>2.250</i>	12.700 <i>0.500</i>				Single Row Radial
# DR-R20A-ACE316	31.750 <i>1.250</i>	57.150 <i>2.250</i>	19.050 <i>0.750</i>				Double Row Radial
# 6007A-ACE316	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-ACE316	35.000 <i>1.378</i>	62.000 <i>2.441</i>	14.000 <i>0.551</i>				Single Row Radial

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