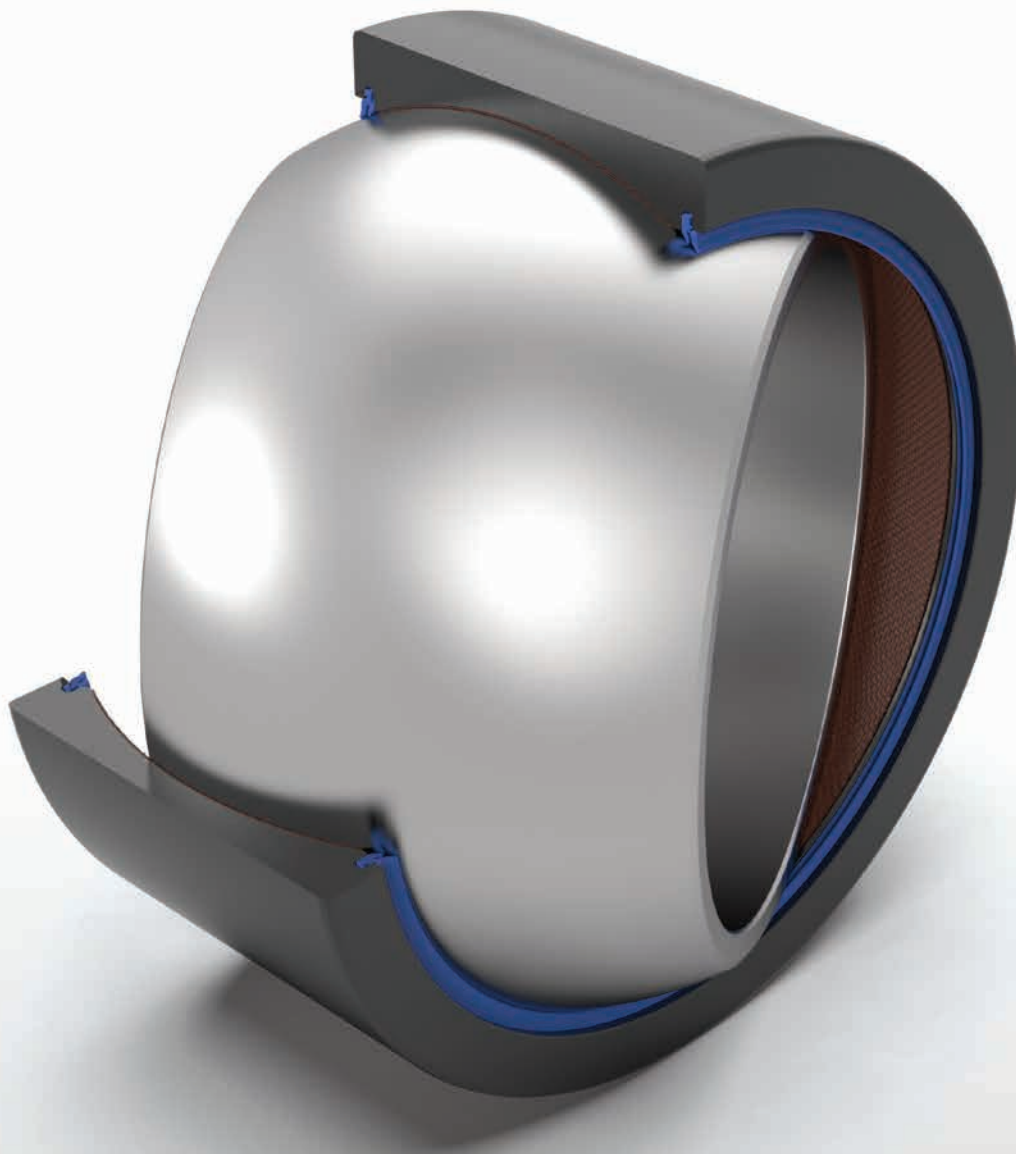




RBC's **DuraLube™ II**

Maintenance Free Spherical Plain Bearings



Smoother. Faster. Longer.

Because That's How We Roll.

DuraLube™ II

Self-Lubricating, Maintenance-Free, Radial Spherical Plain Bearings

RBC's DuraLube™ II maintenance free spherical plain bearings provide reliable, grease-free operation through the use of highly-engineered PTFE liner systems that reduce friction between the surfaces of the inner and outer rings. These proprietary liner systems are developed for rigorous industrial applications, and have proven successful time and time again. Coupled with an advanced sealing system proven in the most demanding applications, the RBC solution provides the maximum durability you need in the most demanding applications.

Features

- ✓ Most Advanced Liner Technologies
- ✓ High Performance Sealing System
- ✓ Higher dynamic load ratings vs steel-on-steel
- ✓ Proven in the Most Demanding Conditions

Benefits

- ✓ No Costly Lubrication Systems
- ✓ Reduced Operating Costs
- ✓ Eliminates Grease Soil Contamination
- ✓ Ensures Lubricant is in the Load Zone

Typical Applications

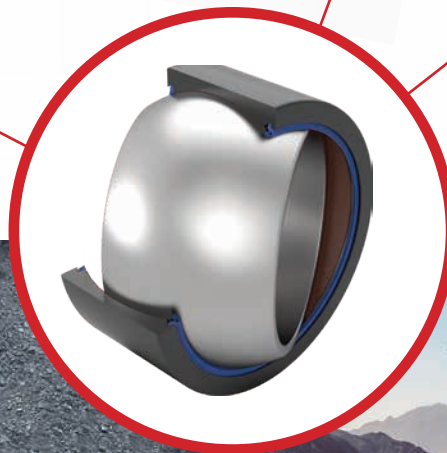
Cylinders/Actuators



Rods/Links



Suspension Systems



Typical Industries



Mining/Construction/Agriculture



Military



Material Handling

DuraLube™ II

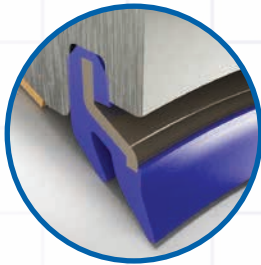
Self-Lubricating, Maintenance-Free, Radial Spherical Plain Bearings

PTFE Liner System Options:

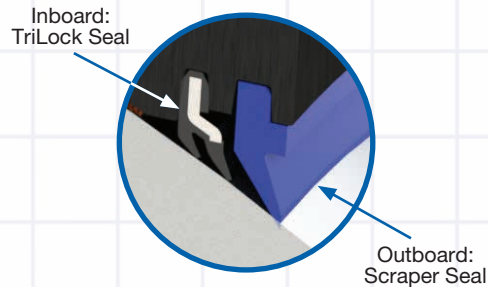
Liner System	Load Rating	Reverse Loading	Low Friction	Operating Velocity	Wear Resistance
DuraLube™ II DLS	✓	✓✓	✓✓	✓✓	✓
DuraLube™ II DLP	✓✓	✓	✓✓✓	✓✓✓	✓✓
DuraLube™ II DLU	✓✓✓	✓✓✓	✓	✓	✓✓✓

Seal Options:

✓ TriLock™ Seal



✓ Combination Seal



✓ Boot Seal



Part Numbering System:

B = Inch Series
GE = Metric Series

DLS = DuraLube™ II DLS Liner
DLP = DuraLube™ II DLP Liner
DLU = DuraLube™ II DLU Liner

B# 9L DLS TS

= Bore Size*

L = Single Fracture**
9L = Double Fracture

TS = TriLock™ Seal
TSS = Combination Seal
SB = Boot Seal

* Bore size (in the metric series # in millimeters, in the inch series # is 1/16 inch)

** L is dropped on single fractured metric bearings

Features	Benefits
PTFE Liners	✓ Self-Lubricating ✓ Inherent dampening qualities ✓ Ensure lubricant remains in the load zone
High Dynamic Load Ratings	✓ Provide greater 'power density' • Higher load carrying capability in the <u>same</u> envelope • Or, similar performance in a <u>smaller</u> envelope ✓ Improved Life
Lower Coefficient of Friction	✓ Lower torque ✓ Lower power requirements
Better temperature capability	✓ Provides reliable operation in more extreme environments
Can target lower clearance	✓ Provides less system 'play' ✓ Better performance in reverse loading applications

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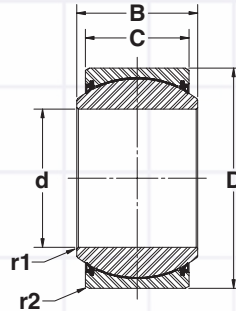


DuraLube™ II

Self-Lubricating, Maintenance-Free, Radial Spherical Plain Bearings

DLS Liner Series - Inch

Sliding Contact Surface Combination: Steel/PTFE



RBC Inch Series	Basic Dimensions						Recommended Load Limits ^①		
	d	D	B	C	r1	r2	Static Radial (lbf)	Static Thrust (lbf)	Dynamic Radial (lbf)
B16LDLSTS	1.0000	1.6250	0.875	0.750	0.022	0.015	37,721	8,441	22,633
B20LDLSTS	1.2500	2.0000	1.093	0.937	0.022	0.015	58,867	13,180	35,320
B22LDLSTS	1.3750	2.1875	1.187	1.031	0.022	0.032	69,897	16,654	41,938
B24LDLSTS	1.5000	2.4375	1.312	1.125	0.022	0.032	84,853	19,003	50,912
B28LDLSTS	1.7500	2.8125	1.531	1.312	0.022	0.032	115,489	25,803	69,293
B32LDLSTS	2.0000	3.1875	1.750	1.500	0.022	0.032	150,938	33,738	90,563
B36LDLSTS	2.2500	3.5625	1.969	1.687	0.022	0.032	191,011	42,627	114,606
B40LDLSTS	2.5000	3.9375	2.187	1.875	0.022	0.032	235,594	52,842	141,356
B44LDLSTS	2.7500	4.3750	2.406	2.062	0.022	0.032	285,072	63,836	171,043
B48LDLSTS	3.0000	4.7500	2.625	2.250	0.022	0.032	339,570	75,931	203,742
B52LDLSTS	3.2500	5.1250	2.844	2.437	0.022	0.032	398,754	88,876	239,252
B56LDLSTS	3.5000	5.5000	3.062	2.625	0.022	0.032	463,050	102,912	277,830
B60LDLSTS	3.7500	5.8750	3.281	2.812	0.022	0.032	530,484	118,553	318,290
B64LDLSTS	4.0000	6.2500	3.500	3.000	0.022	0.032	603,750	134,953	362,250
B729LDLSTS	4.5000	7.0000	3.937	3.375	0.032	0.044	764,859	279,541	458,916
B809LDLSTS	5.0000	7.7500	4.375	3.750	0.032	0.044	943,688	345,183	566,213
B969LDLSTS	6.0000	8.7500	4.750	4.125	0.032	0.044	1,177,523	413,308	706,514
B1049LDLSTS	6.5000	9.7500	4.875	4.062	0.080	0.080	1,247,542	387,039	748,525
B1129LDLSTS	7.0000	10.5000	5.250	4.375	0.080	0.080	1,447,031	449,008	868,219
B1209LDLSTS	7.5000	11.2500	5.625	4.687	0.080	0.080	1,660,956	515,309	996,573
B1289LDLSTS	8.0000	12.0000	6.000	5.000	0.080	0.080	1,890,000	586,460	1,134,000
B1369LDLSTS	8.5000	12.7500	6.375	5.312	0.080	0.080	2,133,432	661,906	1,280,059
B1449LDLSTS	9.0000	13.5000	6.750	5.625	0.080	0.080	2,392,031	742,238	1,435,219
B1529LDLSTS	9.5000	14.2500	7.125	5.937	0.080	0.080	2,664,971	826,830	1,598,983
B1609LDLSTS	10.0000	15.0000	7.500	6.250	0.080	0.080	2,953,125	916,344	1,771,875
B1689LDLSTS	10.5000	15.7500	7.875	6.562	0.080	0.080	3,255,572	1,010,081	1,953,343
B1769LDLSTS	11.0000	16.5000	8.250	6.875	0.080	0.080	3,573,281	1,108,776	2,143,969
B1849LDLSTS	11.5000	17.2500	8.625	7.187	0.080	0.080	3,905,236	1,211,659	2,343,142
B1929LDLSTS	12.0000	18.0000	9.000	7.500	0.080	0.080	4,252,500	1,319,535	2,551,500

① All dimensions are in inch.

② Outer rings of bearing size 72 and above are double fracture (suffix - 9L).

③ Outer ring outside diameter applied before fracture.

④ Ultimate static and impact loads should not exceed 150% of catalog ratings.

⑤ Tilt Angle +/- 6 (deg.)

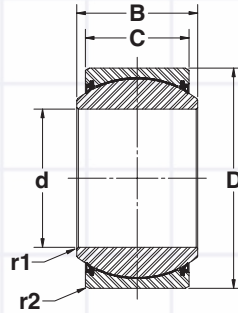
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DuraLube™ II

Self-Lubricating, Maintenance-Free, Radial Spherical Plain Bearings

DLS Liner Series - Metric

Sliding Contact Surface Combination: Steel/PTFE



RBC Metric Series	Basic Dimensions						Recommended Load Limits ^①		
	d	D	B	C	r1	r2	Static Radial (kN)	Static Thrust (kN)	Dynamic Radial (kN)
GE20DLSTS	20	35	16	12	0.3	0.3	139	24	87
GE25DLSTS	25	42	20	16	0.6	0.6	222	43	139
GE30DLSTS	30	47	22	18	0.6	0.6	284	55	178
GE35DLSTS	35	55	25	20	0.6	1.0	370	67	231
GE40DLSTS	40	62	28	22	0.6	1.0	466	82	292
GE45DLSTS	45	68	32	25	0.6	1.0	578	105	362
GE50DLSTS	50	75	35	28	0.6	1.0	722	132	452
GE60DLSTS	60	90	44	36	1.0	1.0	1123	219	703
GE70DLSTS	70	105	49	40	1.0	1.0	1448	270	906
GE80DLSTS	80	120	55	45	1.0	1.0	1854	342	1160
GE909LDLSTS	90	130	60	50	1.0	1.0	2252	422	1410
GE1009LDLSTS	100	150	70	55	1.0	1.0	2837	510	1776
GE1109LDLSTS	110	160	70	55	1.0	1.0	3028	510	1895
GE1209LDLSTS	120	180	85	70	1.0	1.0	4312	827	2699
GE1409LDLSTS	140	210	90	70	1.0	1.0	5040	827	3155
GE1609LDLSTS	160	230	105	80	1.0	1.0	6345	1080	3972
GE1809LDLSTS	180	260	105	80	1.1	1.1	7207	1080	4512
GE2009LDLSTS	200	290	130	100	1.1	1.1	10203	1687	6387
GE2209LDLSTS	220	320	135	100	1.1	1.1	11011	1687	6893
GE2409LDLSTS	240	340	140	100	1.1	1.1	11781	1687	7375
GE2609LDLSTS	260	370	150	110	1.1	1.1	14103	2041	8828
GE2809LDLSTS	280	400	155	120	1.1	1.1	16632	2429	10411
GE3009LDLSTS	300	430	165	120	1.1	1.1	17325	2429	10845
GE3209LDLSTS	320	440	160	135	1.1	3.0	19751	3075	12363

① All dimensions are in metric.

② Outer rings of bearing size 90 and above are double fracture (suffix – 9L).

③ Outer ring outside diameter applied before fracture.

④ Ultimate static and impact loads should not exceed 150% of catalog ratings.

⑤ Tilt Angle +/- 6 (deg.)

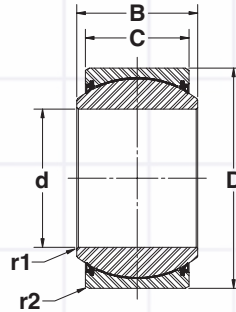
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DuraLube™ II

Self-Lubricating, Maintenance-Free, Radial Spherical Plain Bearings

DLP Liner Series - Inch

Sliding Contact Surface Combination: Steel/PTFE



RBC Inch Series	Basic Dimensions						Recommended Load Limits ^①		
	d	D	B	C	r1	r2	Static Radial (lbf)	Static Thrust (lbf)	Dynamic Radial (lbf)
B16DLPTS	1.0000	1.6250	0.875	0.750	0.022	0.015	45,266	8,441	22,633
B20DLPTS	1.2500	2.0000	1.093	0.937	0.022	0.015	70,640	13,180	35,320
B22DLPTS	1.3750	2.1875	1.187	1.031	0.022	0.032	83,876	16,654	41,938
B24DLPTS	1.5000	2.4375	1.312	1.125	0.022	0.032	101,824	19,003	50,912
B28DLPTS	1.7500	2.8125	1.531	1.312	0.022	0.032	138,587	25,803	69,293
B32DLPTS	2.0000	3.1875	1.750	1.500	0.022	0.032	181,125	33,738	90,563
B36DLPTS	2.2500	3.5625	1.969	1.687	0.022	0.032	229,213	42,627	114,606
B40DLPTS	2.5000	3.9375	2.187	1.875	0.022	0.032	282,713	52,842	141,356
B44DLPTS	2.7500	4.3750	2.406	2.062	0.022	0.032	342,086	63,836	171,043
B48DLPTS	3.0000	4.7500	2.625	2.250	0.022	0.032	407,484	75,931	203,742
B52DLPTS	3.2500	5.1250	2.844	2.437	0.022	0.032	478,505	88,876	239,252
B56DLPTS	3.5000	5.5000	3.062	2.625	0.022	0.032	555,660	102,912	277,830
B60DLPTS	3.7500	5.8750	3.281	2.812	0.022	0.032	636,581	118,553	318,290
B64DLPTS	4.0000	6.2500	3.500	3.000	0.022	0.032	724,500	134,953	362,250
B729DLPTS	4.5000	7.0000	3.937	3.375	0.032	0.044	917,831	279,541	458,916
B809DLPTS	5.0000	7.7500	4.375	3.750	0.032	0.044	1,132,425	345,183	566,213
B969DLPTS	6.0000	8.7500	4.750	4.125	0.032	0.044	1,413,027	413,308	706,514
B1049DLPTS	6.5000	9.7500	4.875	4.062	0.080	0.080	1,497,050	387,039	748,525
B1129DLPTS	7.0000	10.5000	5.250	4.375	0.080	0.080	1,736,438	449,008	868,219
B1209DLPTS	7.5000	11.2500	5.625	4.687	0.080	0.080	1,993,147	515,309	996,573
B1289DLPTS	8.0000	12.0000	6.000	5.000	0.080	0.080	2,268,000	586,460	1,134,000
B1369DLPTS	8.5000	12.7500	6.375	5.312	0.080	0.080	2,560,118	661,906	1,280,059
B1449DLPTS	9.0000	13.5000	6.750	5.625	0.080	0.080	2,870,438	742,238	1,435,219
B1529DLPTS	9.5000	14.2500	7.125	5.937	0.080	0.080	3,197,965	826,830	1,598,983
B1609DLPTS	10.0000	15.0000	7.500	6.250	0.080	0.080	3,543,750	916,344	1,771,875
B1689DLPTS	10.5000	15.7500	7.875	6.562	0.080	0.080	3,906,687	1,010,081	1,953,343
B1769DLPTS	11.0000	16.5000	8.250	6.875	0.080	0.080	4,287,938	1,108,776	2,143,969
B1849DLPTS	11.5000	17.2500	8.625	7.187	0.080	0.080	4,686,283	1,211,659	2,343,142
B1929DLPTS	12.0000	18.0000	9.000	7.500	0.080	0.080	5,103,000	1,319,535	2,551,500

① All dimensions are in inch.

② Outer rings of bearing size 72 and above are double fracture (suffix - 9L).

③ Outer ring outside diameter applied before fracture.

④ Ultimate static and impact loads should not exceed 150% of catalog ratings.

⑤ Tilt Angle +/- 6 (deg.)

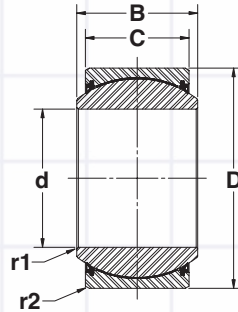
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DuraLube™ II

Self-Lubricating, Maintenance-Free, Radial Spherical Plain Bearings

DLP Liner Series - Metric

Sliding Contact Surface Combination: Steel/PTFE



RBC Metric Series	Basic Dimensions						Recommended Load Limits ^①		
	d	D	B	C	r1	r2	Static Radial (kN)	Static Thrust (kN)	Dynamic Radial (kN)
GE20DLPTS	20	35	16	12	0.3	0.3	155	24.3	87
GE25DLPTS	25	42	20	16	0.6	0.6	248	43.2	139
GE30DLPTS	30	47	22	18	0.6	0.6	317	54.7	178
GE35DLPTS	35	55	25	20	0.6	1.0	413	67.5	231
GE40DLPTS	40	62	28	22	0.6	1.0	520	81.7	292
GE45DLPTS	45	68	32	25	0.6	1.0	645	106	362
GE50DLPTS	50	75	35	28	0.6	1.0	807	132	452
GE60DLPTS	60	90	44	36	1.0	1.0	1254	219	703
GE70DLPTS	70	105	49	40	1.0	1.0	1617	270	906
GE80DLPTS	80	120	55	45	1.0	1.0	2070	342	1160
GE909LDLPTS	90	130	60	50	1.0	1.0	2516	422	1410
GE1009LDLPTS	100	150	70	55	1.0	1.0	3169	511	1776
GE1109LDLPTS	110	160	70	55	1.0	1.0	3382	511	1895
GE1209LDLPTS	120	180	85	70	1.0	1.0	4816	827	2699
GE1409LDLPTS	140	210	90	70	1.0	1.0	5629	827	3155
GE1609LDLPTS	160	230	105	80	1.0	1.0	7086	1081	3972
GE1809LDLPTS	180	260	105	80	1.1	1.1	8050	1081	4512
GE2009LDLPTS	200	290	130	100	1.1	1.1	11395	1689	6387
GE2209LDLPTS	220	320	135	100	1.1	1.1	12298	1689	6893
GE2409LDLPTS	240	340	140	100	1.1	1.1	13158	1689	7375
GE2609LDLPTS	260	370	150	110	1.1	1.1	15751	2043	8828
GE2809LDLPTS	280	400	155	120	1.1	1.1	18576	2432	10411
GE3009LDLPTS	300	430	165	120	1.1	1.1	19350	2432	10845
GE3209LDLPTS	320	440	160	135	1.1	3.0	22059	3077	12363

① All dimensions are in metric.

② Outer rings of bearing size 90 and above are double fracture (suffix – 9L).

③ Outer ring outside diameter applied before fracture.

④ Ultimate static and impact loads should not exceed 150% of catalog ratings.

⑤ Tilt Angle +/- 6 (deg.)

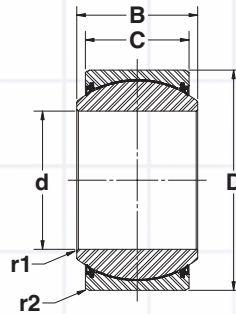
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DuraLube™ II

Self-Lubricating, Maintenance-Free, Radial Spherical Plain Bearings

DLU Liner Series - Inch

Sliding Contact Surface Combination: Steel/PTFE



RBC Inch Series	Basic Dimensions						Recommended Load Limits ^①		
	d	D	B	C	r1	r2	Static Radial (lbf)	Static Thrust (lbf)	Dynamic Radial (lbf)
B16LDLUTS	1.0000	1.6250	0.875	0.750	0.022	0.015	60,354	8,441	45,266
B20LDLUTS	1.2500	2.0000	1.093	0.937	0.022	0.015	94,187	13,180	70,640
B22LDLUTS	1.3750	2.1875	1.187	1.031	0.022	0.032	111,835	16,654	83,876
B24LDLUTS	1.5000	2.4375	1.312	1.125	0.022	0.032	135,765	19,003	101,824
B28LDLUTS	1.7500	2.8125	1.531	1.312	0.022	0.032	184,782	25,803	138,587
B32LDLUTS	2.0000	3.1875	1.750	1.500	0.022	0.032	241,500	33,738	181,125
B36LDLUTS	2.2500	3.5625	1.969	1.687	0.022	0.032	305,617	42,627	229,213
B40LDLUTS	2.5000	3.9375	2.187	1.875	0.022	0.032	376,950	52,842	282,713
B44LDLUTS	2.7500	4.3750	2.406	2.062	0.022	0.032	456,114	63,836	342,086
B48LDLUTS	3.0000	4.7500	2.625	2.250	0.022	0.032	543,312	75,931	407,484
B52LDLUTS	3.2500	5.1250	2.844	2.437	0.022	0.032	638,007	88,876	478,505
B56LDLUTS	3.5000	5.5000	3.062	2.625	0.022	0.032	740,880	102,912	555,660
B60LDLUTS	3.7500	5.8750	3.281	2.812	0.022	0.032	848,774	118,553	636,581
B64LDLUTS	4.0000	6.2500	3.500	3.000	0.022	0.032	966,000	134,953	724,500
B729LDLUTS	4.5000	7.0000	3.937	3.375	0.032	0.044	1,223,775	279,541	917,831
B809LDLUTS	5.0000	7.7500	4.375	3.750	0.032	0.044	1,509,900	345,183	1,132,425
B969LDLUTS	6.0000	8.7500	4.750	4.125	0.032	0.044	1,884,036	413,308	1,413,027
B1049LDLUTS	6.5000	9.7500	4.875	4.062	0.080	0.080	1,996,067	387,039	1,497,050
B1129LDLUTS	7.0000	10.5000	5.250	4.375	0.080	0.080	2,315,250	449,008	1,736,438
B1209LDLUTS	7.5000	11.2500	5.625	4.687	0.080	0.080	2,657,529	515,309	1,993,147
B1289LDLUTS	8.0000	12.0000	6.000	5.000	0.080	0.080	3,024,000	586,460	2,268,000
B1369LDLUTS	8.5000	12.7500	6.375	5.312	0.080	0.080	3,413,491	661,906	2,560,118
B1449LDLUTS	9.0000	13.5000	6.750	5.625	0.080	0.080	3,827,250	742,238	2,870,438
B1529LDLUTS	9.5000	14.2500	7.125	5.937	0.080	0.080	4,263,953	826,830	3,197,965
B1609LDLUTS	10.0000	15.0000	7.500	6.250	0.080	0.080	4,725,000	916,344	3,543,750
B1689LDLUTS	10.5000	15.7500	7.875	6.562	0.080	0.080	5,208,916	1,010,081	3,906,687
B1769LDLUTS	11.0000	16.5000	8.250	6.875	0.080	0.080	5,717,250	1,108,776	4,287,938
B1849LDLUTS	11.5000	17.2500	8.625	7.187	0.080	0.080	6,248,378	1,211,659	4,686,283
B1929LDLUTS	12.0000	18.0000	9.000	7.500	0.080	0.080	6,804,000	1,319,535	5,103,000

① All dimensions are in inch.

② Outer rings of bearing size 72 and above are double fracture (suffix - 9L).

③ Outer ring outside diameter applied before fracture.

④ Ultimate static and impact loads should not exceed 150% of catalog ratings.

⑤ Tilt Angle +/- 6 (deg.)

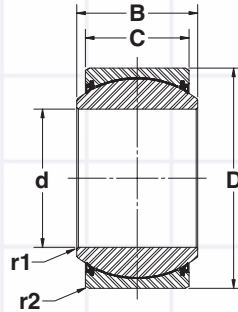
RBC has other advanced liner systems designed for specific operating conditions. For specific technical details or custom designed solutions, please consult with your RBC Sales or Application Engineering Representative, or visit www.rbcbearings.com/DuraLube.

DuraLube™ II

Self-Lubricating, Maintenance-Free, Radial Spherical Plain Bearings

DLU Liner Series - Metric

Sliding Contact Surface Combination: Steel/PTFE



RBC Metric Series	Basic Dimensions						Recommended Load Limits ^①		
	d	D	B	C	r1	r2	Static Radial (kN)	Static Thrust (kN)	Dynamic Radial (kN)
GE20DLUTS	20	35	16	12	0.3	0.3	199	24	149
GE25DLUTS	25	42	20	16	0.6	0.6	318	43	238
GE30DLUTS	30	47	22	18	0.6	0.6	407	55	305
GE35DLUTS	35	55	25	20	0.6	1.0	529	67	397
GE40DLUTS	40	62	28	22	0.6	1.0	667	82	500
GE45DLUTS	45	68	32	25	0.6	1.0	827	105	620
GE50DLUTS	50	75	35	28	0.6	1.0	1035	132	776
GE60DLUTS	60	90	44	36	1.0	1.0	1608	219	1206
GE70DLUTS	70	105	49	40	1.0	1.0	2074	270	1555
GE80DLUTS	80	120	55	45	1.0	1.0	2655	342	1991
GE909LDLUTS	90	130	60	50	1.0	1.0	3226	422	2420
GE1009LDLUTS	100	150	70	55	1.0	1.0	4065	510	3048
GE1109LDLUTS	110	160	70	55	1.0	1.0	4338	510	3253
GE1209LDLUTS	120	180	85	70	1.0	1.0	6177	827	4632
GE1409LDLUTS	140	210	90	70	1.0	1.0	7219	827	5414
GE1609LDLUTS	160	230	105	80	1.0	1.0	9089	1080	6816
GE1809LDLUTS	180	260	105	80	1.1	1.1	10324	1080	7743
GE2009LDLUTS	200	290	130	100	1.1	1.1	14615	1687	10960
GE2209LDLUTS	220	320	135	100	1.1	1.1	15773	1687	11829
GE2409LDLUTS	240	340	140	100	1.1	1.1	16876	1687	12656
GE2609LDLUTS	260	370	150	110	1.1	1.1	20201	2041	15150
GE2809LDLUTS	280	400	155	120	1.1	1.1	23825	2429	17868
GE3009LDLUTS	300	430	165	120	1.1	1.1	24818	2429	18612
GE3209LDLUTS	320	440	160	135	1.1	3.0	28292	3075	21218

① All dimensions are in metric.

② Outer rings of bearing size 90 and above are double fracture (suffix – 9L).

③ Outer ring outside diameter applied before fracture.

④ Ultimate static and impact loads should not exceed 150% of catalog ratings.

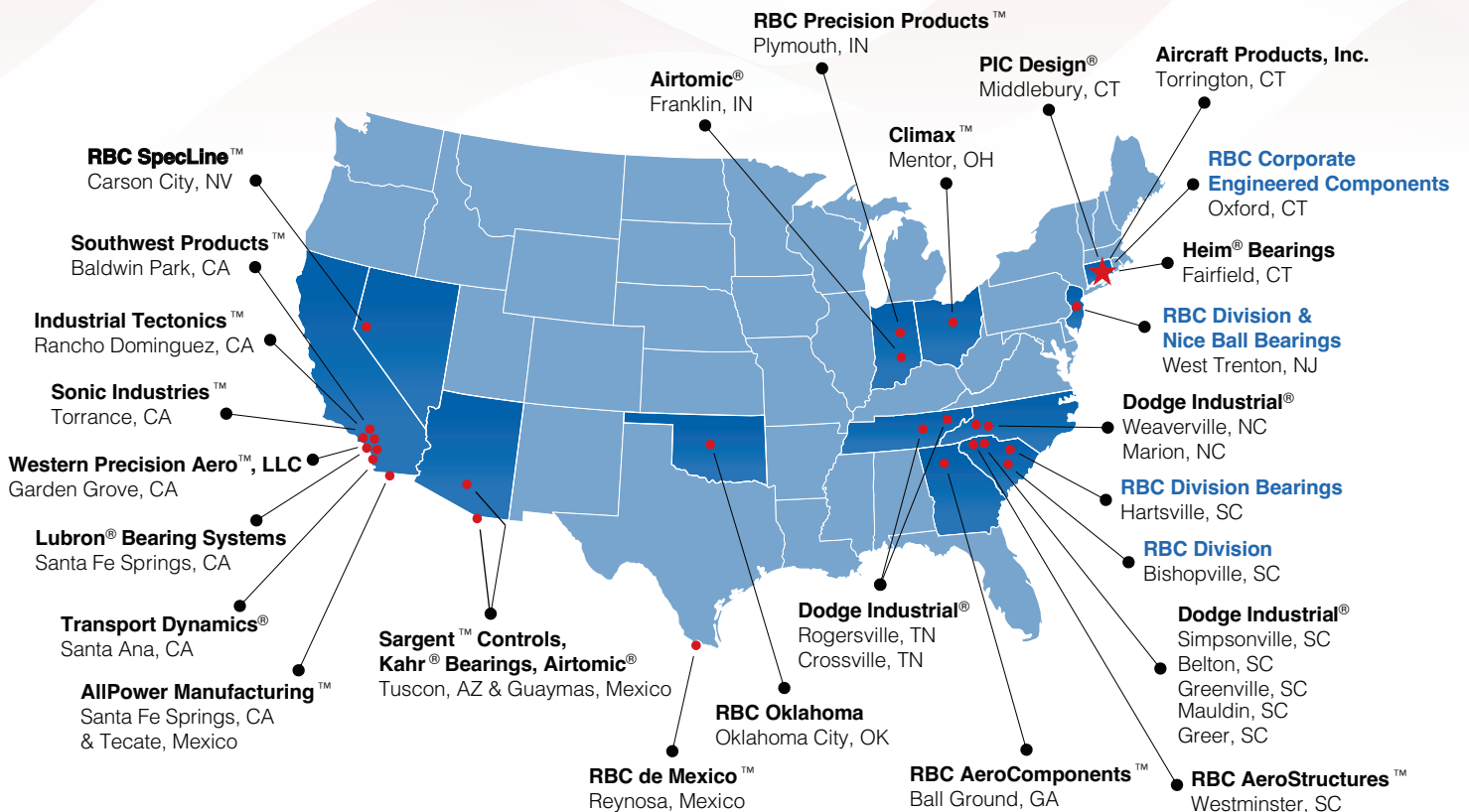
⑤ Tilt Angle +/- 6 (deg.)

RBC has other advanced liner systems designed for specific operating conditions. For specific technical details or custom designed solutions, please consult with your RBC Sales or Application Engineering Representative, or visit www.rbcbearings.com/DuraLube.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Your American Bearing Company



RBC Bearings® has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC Bearings® offers a full line of standard industrial and aerospace bearings, including:



Tapered Roller Thrust Bearings

Case-hardened tapered roller thrust bearings for oilfield top drives and swivels. Available in full complement, maximum capacity versions.



Thin Section Ball Bearings

Standard cross sections to one inch. Bore sizes to 40 inches. Stainless steel and other materials are available. Seals are available on all sizes and standard cross sections. Super duplex configurations.



Cam Followers

Standard stud, heavy stud, yoke type, caged roller followers. Patented RBC Roller® cylindrical roller cam followers, HexLube® universal cam followers, airframe track rollers.



Cylindrical Roller Bearings

Cylindrical roller bearings designed for mud pump pinion and eccentric positions. Fully interchangeable to industry standards.



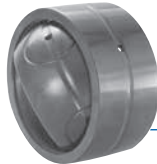
Needle Roller Bearings

Pitchline® caged heavy duty needle roller bearings ideal for cross head bearings applications. These double row bearings are available in single row and TandemRoller® versions.



Commercial Rod Ends

Commercial and industrial, precision, Mil-Spec series, self-lubricating, and aircraft. Sold under the Heim®, Unibal®, and Spherco® names. Available in inch and metric sizes.



Spherical Plain Bearings

Radial, angular contact, extended inner ring, high misalignment. QuadLube®, ImpactTuff®, SpreadLock® Seal, CrossLube®, DuraLube™, and self-lubricating bearings. Available in inch and metric sizes.



Tapered Roller Bearings

Single, double, & multi row versions available for main bearing positions in mud pumps, gear boxes, etc. Bearings are constructed of case hardened steel washers and rollers with bore size of 11" or greater.



TP Series Bearings

RBC Bearings® TP Series cylindrical roller thrust bearings ideal for crane hooks, oil well swivels, winch systems, and gear boxes. Fully interchangeable with industry standard offering.



Keyless Locking Devices

Mechanical bushings used to connect power transmission components onto rotating shafts. Without the use of keyways, KLDs eliminate the problems associated with backlash including fretting, corroding, and wallowing.



Lubron® Bearings

Lubron® self-lubricating bearings designed and custom manufactured in most any size, material and bearing configuration. Applications include hydro power and water control, nuclear power generation, infrastructure, architecture, offshore marine, industrial, machinery and heavy equipment.



Shaft Collars

Used to position or locate a component on a shaft. Made from mild steel, type 303 or 316 stainless steel, aluminum, or acetal. Available in inch and metric sizes.



Self-Lubricating Bearings

Radial, thrust, rod ends, spherical bearings, high temperature, high loads. Available in inch and metric sizes. Fiberglide® self-lubricating bearings.



Rigid Couplings

Shaft couplings serve as components to time, join, or align shafts at lower speeds and torque, especially when zero backlash is desired. Made from mild steel with a black oxide finish type 303 stainless steel, or aluminum. Available in inch and metric sizes.



Specials

RBC Bearings® manufactures many specialty bearings for the aerospace, oil and energy, semiconductor equipment, packaging, transportation, and other industries.



Ball Bearings

Precision ground, semiground, unground. High loads, long life, smooth operation. Nice® branded products are offered in caged and full complement configurations.



PIC Design®

Complete line of precision gears, precision hardware, timing belts, pulleys, and linear motion systems. Industries served include industrial, aerospace, defense, medical, robotics and automation, material handling, and assembly. Custom design support for unique applications.

