

**EXCEL™ LINEAR BEARINGS**

Designed to fit into precision bores, these bearings are self-aligning and offer long life. Precision hardened and ground bearing plates with conforming ball tracks are contained in a molded thermoplastic housing.

**LBB**

These bearings are used in lower load applications where self alignment is not required. The precision fit between the bearing and shaft is built into the bearing as a result of the solid steel shell. These bearings utilize a molded plastic bearing ball retainer assembled inside a hardened and ground shell.

**ILBB INSTRUMENT SERIES**

Similar in construction to LBB linear bearings, Instrument Series Linear Bearings are small diameter, high precision bearings with stainless steel shells. When matched with Instrument Series Linear Shafting, ILBB Linear Bearings provide high performance with .0001 to .0003 inch clearances.

ILBB Linear Bearings are used in light load, high precision applications where low friction guidance is required such as medical and semiconductor equipment.

**PowerTrax™**  
PRECISION LINEAR SYSTEMS,  
COMPONENTS, & SHAFTING

**Excel** SELF-ALIGNING  
LINEAR BEARINGS  
& PILLOW BLOCKS



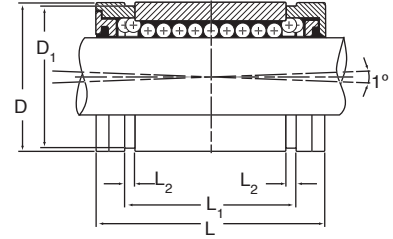
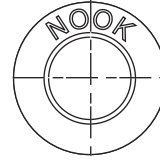
EXCEL™ INCH SELF-ALIGNING BEARINGS AND PILLOW BLOCKS TECHNICAL DATA

EXCEL™ INCH SELF-ALIGNING BEARINGS AND PILLOW BLOCKS TECHNICAL DATA

**INCH - CLOSED BEARINGS**



- Designed for use on end supported PowerTrax™ HG “L” shafting.
- Bearings are available with or without shaft seals.

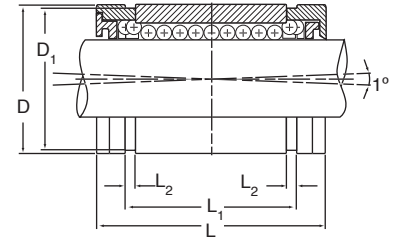
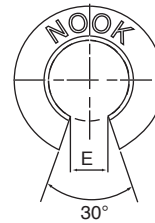


Nominal Shaft Dia.	EXCEL™ Without Seal	EXCEL™ With Seal	No. of Ball Circuits	Housing Bore Dia. D	D <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>	Dynamic Load (lb.)		Static Load (lb.)	
									Normal	Maximum	Normal	Maximum
1/4"	XLEC04	XLEC04UU	4	0.5005/0.5000	0.4687	0.750/0.735	0.511/0.501	0.039	39	45	27	38
3/8"	XLEC06	XLEC06UU	4	0.6255/0.6250	0.5880	0.875/0.860	0.699/0.689	0.039	59	68	43	61
1/2"	XLEC08	XLEC08UU	4	0.8755/0.8750	0.8209	1.250/1.230	1.032/1.012	0.050	152	175	112	158
5/8"	XLEC10	XLEC10UU	5	1.1255/1.1250	1.0700	1.500/1.480	1.105/1.095	0.056	273	325	187	273
3/4"	XLEC12	XLEC12UU	6	1.2505/1.2500	1.1760	1.625/1.605	1.270/1.250	0.056	383	406	274	351
1"	XLEC16	XLEC16UU	6	1.5630/1.5625	1.4900	2.250/2.230	1.884/1.864	0.070	684	725	492	630
1 1/4"	XLEC20	XLEC20UU	6	2.0008/2.0000	1.8890	2.625/2.600	2.004/1.984	0.068	1017	1078	712	911
1 1/2"	XLEC24	XLEC24UU	6	2.3760/2.3750	2.2389	3.000/2.970	2.410/2.390	0.086	1298	1376	852	1091
2"	XLEC32	XLEC32UU	6	3.0010/3.0000	2.8379	4.000/3.960	3.193/3.163	0.105	2104	2230	1458	1866

**INCH - OPEN BEARINGS**



- Designed for use on fully supported PowerTrax™ HG “L” shafting.
- Longitudinal section equal to one ball circuit removed for support rail clearance.
- Standard bearing includes shaft seals.



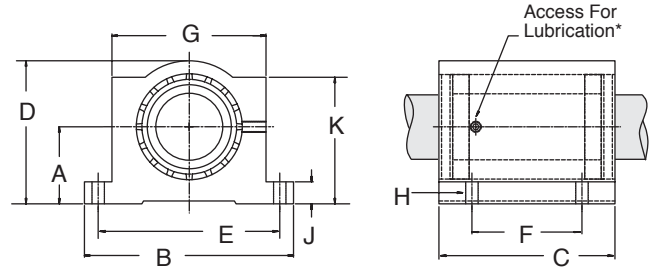
Nominal Shaft Dia.	EXCEL™ With Seal	No. of Ball Circuits	Housing Bore Dia. D	D <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>	E	Dynamic Load (lb.)		Static Load (lb.)	
									Normal	Maximum	Normal	Maximum
1/2"	XLEN08UU	3	0.8755/0.8750	0.8209	1.250/1.230	1.032/1.012	0.050	0.32	152	152	112	112
5/8"	XLEN10UU	4	1.1255/1.1250	1.0700	1.500/1.480	1.105/1.095	0.056	0.38	315	318	229	236
3/4"	XLEN12UU	5	1.2505/1.2500	1.1760	1.625/1.605	1.270/1.250	0.056	0.43	386	398	279	312
1"	XLEN16UU	5	1.5630/1.5625	1.4900	2.250/2.230	1.884/1.864	0.070	0.56	690	711	501	561
1 1/4"	XLEN20UU	5	2.0008/2.0000	1.8890	2.625/2.600	2.004/1.984	0.068	0.63	1025	1056	726	813
1 1/2"	XLEN24UU	5	2.3760/2.3750	2.2389	3.000/2.970	2.410/2.390	0.086	0.75	1307	1346	867	971
2"	XLEN32UU	5	3.0010/3.0000	2.8379	4.000/3.960	3.193/3.163	0.105	1.00	2121	2185	1485	1663

\* DO NOT exceed 1/2 of rated values when load is applied through the bearing opening.

**INCH - CLOSED SINGLE PILLOW BLOCKS**



- Sealed at both ends, contains a closed unsealed EXCEL™ Bearing.
- Designed for use on end supported PowerTrax™ HG “L” shafting.



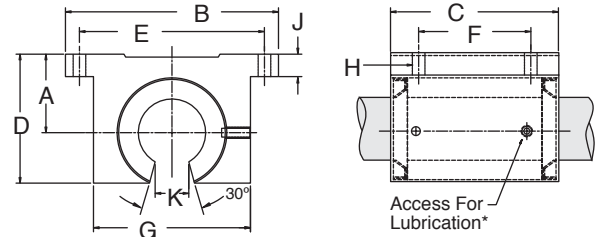
\* Lubrication holes for blocks up to 1/2" have flush lube fitting; 5/8" and above are 1/4 – 28 tapped hole with set screw

Nominal Shaft Dia.	EXCEL™ Part No.	A ±0.001	B	C	D	E ±0.005	F ±0.005	G	H		J	K	Weight lbs.	Dynamic Load (lb.)		Static Load (lb.)	
									Bolt	Hole				Normal	Maximum	Normal	Maximum
3/8"	XEP-06	0.500	1 3/4"	1 5/16"	1 5/16"	1.437	0.875	1 1/8"	#6	0.17	3/16"	7/8"	0.12	59	68	43	61
1/2"	XEP-08	0.687	2"	1 11/16"	1 1/4"	1.688	1.000	1 3/8"	#6	0.17	1/4"	1 1/8"	0.20	152	175	112	158
5/8"	XEP-10	0.875	2 1/2"	1 15/16"	1 5/8"	2.125	1.125	1 3/4"	#8	0.19	9/32"	1 7/16"	0.50	273	325	187	273
3/4"	XEP-12	0.937	2 3/4"	2 1/16"	1 3/4"	2.375	1.250	1 7/8"	#8	0.19	5/16"	1 9/16"	0.60	383	406	274	351
1"	XEP-16	1.187	3 1/4"	2 13/16"	2 3/16"	2.875	1.750	2 3/8"	#10	0.22	3/8"	1 15/16"	1.20	684	725	492	630
1 1/4"	XEP-20	1.500	4"	3 5/8"	2 13/16"	3.500	2.000	3"	#10	0.22	7/16"	2 1/2"	2.50	1017	1078	712	911
1 1/2"	XEP-24	1.750	4 3/4"	4"	3 1/4"	4.125	2.500	3 1/2"	1/4"	0.28	1/2"	2 7/8"	3.80	1298	1376	852	1091
2"	XEP-32	2.125	6"	5"	4 1/16"	5.250	3.250	4 1/2"	3/8"	0.41	5/8"	3 5/8"	7.00	2104	2230	1458	1866

**INCH - OPEN SINGLE PILLOW BLOCKS**



- Sealed at both ends, contains an open, sealed EXCEL™ Bearing.
- Designed for use with fully supported PowerTrax™ HG “L” shafting
- Longitudinal section equal to one ball circuit removed for support rail clearance.



\* Lubrication holes for blocks up to 1/2" have flush lube fitting; 5/8" and above are 1/4 – 28 tapped hole with set screw

Nominal Shaft Dia.	EXCEL™ Part No.	A ±0.001	B	C	D	E ±0.005	F ±0.005	G	H		J	K	Weight lbs.	Dynamic Load (lb.)		Static Load (lb.)	
									Bolt	Hole				Normal	Maximum	Normal	Maximum
1/2"	XEP-08-OPN	0.687	2"	1 1/2"	1 1/8"	1.688	1.000	1 3/8"	#6	0.17	1/4"	5/16"	0.20	152	152	112	112
5/8"	XEP-10-OPN	0.875	2 1/2"	1 3/4"	1 7/16"	2.125	1.125	1 3/4"	#8	0.19	9/32"	3/8"	0.40	315	318	229	236
3/4"	XEP-12-OPN	0.937	2 3/4"	1 7/8"	1 9/16"	2.375	1.250	1 7/8"	#8	0.19	5/16"	7/16"	0.50	386	398	279	312
1"	XEP-16-OPN	1.187	3 1/4"	2 5/8"	1 15/16"	2.875	1.750	2 3/8"	#10	0.22	3/8"	9/16"	1.00	690	711	501	561
1 1/4"	XEP-20-OPN	1.500	4"	3 3/8"	2 1/2"	3.500	2.000	3"	#10	0.22	7/16"	5/8"	2.10	1025	1056	726	813
1 1/2"	XEP-24-OPN	1.750	4 3/4"	3 3/4"	2 7/8"	4.125	2.500	3 1/2"	1/4"	0.28	1/2"	3/4"	3.20	1307	1346	867	971
2"	XEP-32-OPN	2.125	6"	4 3/4"	3 5/8"	5.250	3.250	4 1/2"	3/8"	0.41	5/8"	1"	6.00	2121	2185	1485	1663

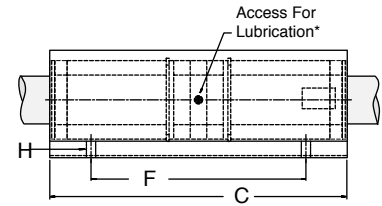
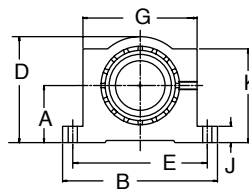
\* DO NOT exceed 1/2 of rated values when load is applied through the bearing opening.

EXCEL™ INCH SELF-ALIGNING BEARINGS AND PILLOW BLOCKS TECHNICAL DATA

**INCH - CLOSED TWIN PILLOW BLOCKS**



- Sealed at both ends, contains two closed unsealed EXCEL™ Bearings.
- Designed for use on end supported PowerTrax™ HG “L” shafting.



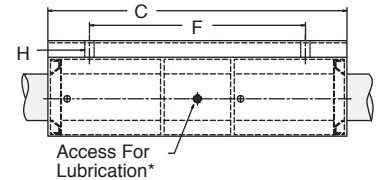
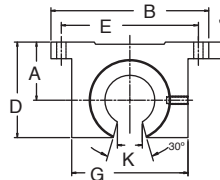
\* Lubrication holes for blocks up to 1/2" have flush lube fitting; 5/8" and above are 1/4 – 28 tapped hole with set screw

Nominal Shaft Dia.	EXCEL™ Part No.	A ±0.001	B	C	D	E ±0.005	F ±0.005	G	H		J	K	Weight lbs.	Dynamic Load (lb.)		Static Load (lb.)	
									Bolt	Hole				Normal	Maximum	Normal	Maximum
3/8"	TEP-06	0.500	1 3/4"	2 3/4"	1 5/16"	1.437	2.250	1 1/8"	#6	0.17	3/16"	7/8"	0.25	118	136	86	122
1/2"	TEP-08	0.687	2"	3 1/2"	1 1/4"	1.688	2.500	1 3/8"	#6	0.17	1/4"	1 1/8"	0.40	304	350	224	316
5/8"	TEP-10	0.875	2 1/2"	4"	1 5/8"	2.125	3.000	1 3/4"	#8	0.19	9/32"	1 7/16"	1.00	546	650	374	546
3/4"	TEP-12	0.937	2 3/4"	4 1/2"	1 3/4"	2.375	3.500	1 7/8"	#8	0.19	5/16"	1 9/16"	1.20	766	812	548	702
1"	TEP-16	1.187	3 1/4"	6"	2 3/16"	2.875	4.500	2 3/8"	#10	0.22	3/8"	1 15/16"	2.40	1368	1450	984	1260
1 1/4"	TEP-20	1.500	4"	7 1/2"	2 13/16"	3.500	5.500	3"	#10	0.22	7/16"	2 1/2"	5.00	2034	2156	1424	1822
1 1/2"	TEP-24	1.750	4 3/4"	9"	3 1/4"	4.125	6.500	3 1/2"	1/4"	0.28	1/2"	2 7/8"	7.80	2596	2752	1704	2182
2"	TEP-32	2.125	6"	10"	4 1/16"	5.250	8.250	4 1/2"	3/8"	0.41	5/8"	3 5/8"	14.50	4208	4460	2916	3732

**INCH - OPEN TWIN PILLOW BLOCKS**



- Sealed at both ends, contains two open, sealed EXCEL™ Bearings.
- Designed for use with fully supported PowerTrax™ HG “L” shafting.
- Longitudinal section equal to one ball circuit removed for support rail clearance.



\* Lubrication holes for blocks up to 1/2" have flush lube fitting; 5/8" and above are 1/4 – 28 tapped hole with set screw

Nominal Shaft Dia.	EXCEL™ Part No.	A ±0.001	B	C	D	E ±0.005	F ±0.005	G	H		J	K	Weight lbs.	Dynamic Load (lb.)		Static Load (lb.)	
									Bolt	Hole				Normal	Maximum	Normal	Maximum
1/2"	TEP-08-OPN	0.687	2"	3 1/2"	1.13	1.688	2.500	1 3/8"	#6	0.17	1/4"	5/16"	0.40	304	304	224	224
5/8"	TEP-10-OPN	0.875	2 1/2"	4"	1.44	2.125	3.000	1 3/4"	#8	0.19	9/32"	3/8"	0.80	630	636	458	472
3/4"	TEP-12-OPN	0.937	2 3/4"	4 1/2"	1.56	2.375	3.500	1 7/8"	#8	0.19	5/16"	7/16"	1.00	772	796	558	624
1"	TEP-16-OPN	1.187	3 1/4"	6"	1.94	2.875	4.500	2 3/8"	#10	0.22	3/8"	9/16"	2.00	1380	1422	1002	1122
1 1/4"	TEP-20-OPN	1.500	4"	7 1/2"	2.50	3.500	5.500	3"	#10	0.22	7/16"	5/8"	4.20	2050	2112	1452	1626
1 1/2"	TEP-24-OPN	1.750	4 3/4"	9"	2.88	4.125	6.500	3 1/2"	1/4"	0.28	1/2"	3/4"	6.70	2614	2692	1734	1942
2"	TEP-32-OPN	2.125	6"	10"	3.63	5.250	8.250	4 1/2"	3/8"	0.41	5/8"	1"	12.50	4242	4370	2970	3326

\* DO NOT exceed 1/2 of rated values when load is applied through the bearing opening.

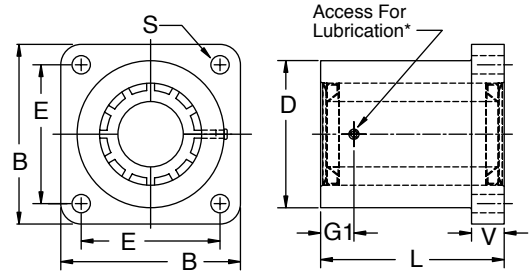
**INCH - FLANGE-MOUNT SINGLE AND TWIN PILLOW BLOCKS**

EXCEL™ Linear Bearings provide high efficiency and smooth operation in a variety of linear guidance applications. EXCEL™ Flange-Mount Pillow Blocks offer an installation alternative to standard foot-mount pillow blocks when the mounting surface is perpendicular to the guide shafts. Nook Industries flanged mount pillow blocks are available in both single and twin bearing

styles and include 1/2 , 3/4 or 1 inch EXCEL™ Linear Bearings. The blocks have integral lip seals, an aluminum housing and a lubrication port. Typical applications include: platform guidance, end stop support, conveyor width adjust mechanisms, edge guides and machine operator guards.



- Sealed at both ends, contains unsealed EXCEL™ Bearing (two bearings in twin).
- Designed for use on end supported PowerTrax™ HG "L" shafting.

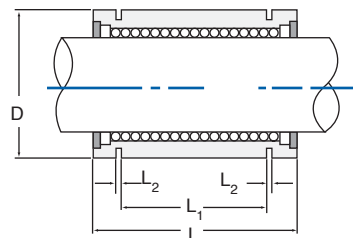


	Nominal Shaft Dia.	EXCEL™ Part No.	B	E ±0.005	L	D	V	G1	S Hole Dia.	DYNAMIC LOAD (lb.)		STATIC LOAD (lb.)	
										Normal	Maximum	Normal	Maximum
SINGLE	1/2"	XEP-08-FLM	1.63	1.250	1.69	1.25	0.25	0.35	0.19	152	175	112	158
	3/4"	XEP-12-FLM	2.38	1.750	2.06	1.75	0.38	0.37	0.22	383	406	274	351
	1"	XEP-16-FLM	2.75	2.125	2.81	2.25	0.50	0.51	0.28	684	725	492	630
Thread													
TWIN	1/2"	TEP-08-FLM	1.63	1.250	3.20	1.25	0.90	1.60	1/4-20	304	350	224	316
	3/4"	TEP-12-FLM	2.38	1.750	3.95	1.75	0.90	1.60	1/4-20	766	812	548	702
	1"	TEP-16-FLM	2.75	2.125	5.33	2.25	0.90	2.70	5/16-18	1368	1450	984	1260





- Designed for use on end supported PowerTrax™ HG “L” shafting
- Solid steel shell, no seals

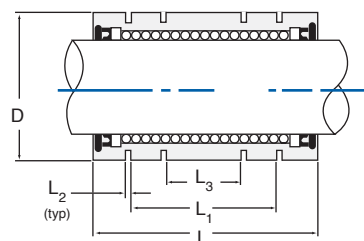


Nominal Shaft Dia.	LBB Bearing Part Number	D	L	L <sub>1</sub>	L <sub>2</sub>	Weight (lb.)	Dynamic Load (lb.)	Static Load (lb.)
1/4"	LBB-250	0.5000/0.4996	.750	.437	.040	.02	25	27
3/8"	LBB-375	0.6250/0.6246	.875	.562	.040	.04	38	36
1/2"	LBB-500	0.8750/0.8746	1.250	.875	.047	.11	88	79
5/8"	LBB-625	1.1250/1.1246	1.500	1.00	.058	.22	160	139
3/4"	LBB-750	1.2500/1.2496	1.625	1.062	.058	.26	204	191
1"	LBB-1000	1.5625/1.5621	2.250	1.625	.070	.50	371	353
1 1/4"	LBB-1250	2.0000/1.9995	2.625	1.875	.070	.91	724	712
1 1/2"	LBB-1500	2.3750/2.3745	3.000	2.250	.088	1.44	948	831
2"	LBB-2000	3.0000/2.9994	4.000	3.000	.105	2.78	1,391	1,434

**INCH - LBB PRECISION CLOSED SEALED BEARINGS**



- Designed for use on end supported PowerTrax™ HG “L” shafting
- Solid steel shell with lip seals

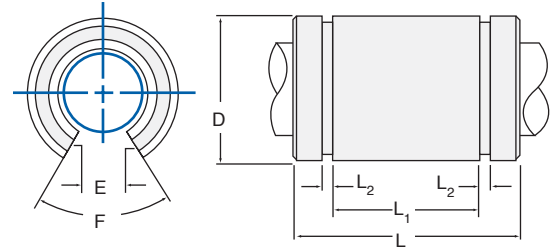


Nominal Shaft Dia.	LBB Bearing Part Number	D	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	Weight (lb.)	Dynamic Load (lb.)	Static Load (lb.)
1/4"	LBB-250PP	0.5000/0.4996	.750	.437	.040	—	.03	25	27
3/8"	LBB-375PP	0.6250/0.6246	.875	.562	.040	—	.05	38	36
1/2"	LBB-500PP	0.8750/0.8746	1.438	.875	.047	.531	.12	88	79
5/8"	LBB-625PP	1.1250/1.1246	1.688	1.000	.058	—	.24	160	139
3/4"	LBB-750PP	1.2500/1.2496	1.875	1.062	.058	.687	.29	204	191
1"	LBB-1000PP	1.5625/1.5621	2.500	1.625	.070	.844	.52	371	353
1 1/4"	LBB-1250PP	2.0000/1.9995	3.125	1.875	.070	1.031	1.12	724	712
1 1/2"	LBB-1500PP	2.3750/2.3745	3.438	2.250	.088	1.219	1.62	948	831
2"	LBB-2000PP	3.0000/2.9994	4.750	3.000	.105	1.531	3.08	1,391	1,434

**INCH - LBB PRECISION OPEN BEARINGS**



- Designed for use on fully supported PowerTrax™ HG “L” shafting
- Longitudinal section equal to one ball circuit removed for support rail clearance.
- Solid steel shell, with no seals.

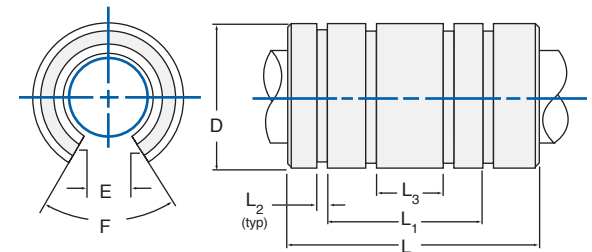


Nominal Shaft Dia.	LBB Bearing Part Number	D	L	L <sub>1</sub>	L <sub>2</sub>	E	F	Weight (lb.)	Dynamic Load (lb.)	Static Load (lb.)
1/2"	OPN-500	0.8750/0.8746	1.250	.875	.047	9/32	60°	.11	88	79
5/8"	OPN-625	1.1250/1.1246	1.500	1.000	.058	3/8	60°	.22	160	139
3/4"	OPN-750	1.2500/1.2496	1.625	1.062	.058	13/32	60°	.26	204	236
1"	OPN-1000	1.5625/1.5621	2.250	1.625	.070	9/16	60°	.50	445	438
1 1/4"	OPN-1250	2.0000/1.9995	2.625	1.875	.070	5/8	50°	.91	724	726
1 1/2"	OPN-1500	2.3750/2.3745	3.000	2.250	.088	3/4	50°	1.44	948	845
2"	OPN-2000	3.0000/2.9994	4.000	3.000	.105	1	50°	2.78	1,391	1,461

**INCH - LBB PRECISION OPEN SEALED BEARINGS**



- Designed for use on fully supported PowerTrax™ HG “L” shafting
- Longitudinal section equal to one ball circuit removed for support rail clearance.
- Solid steel shell, with lip seals.



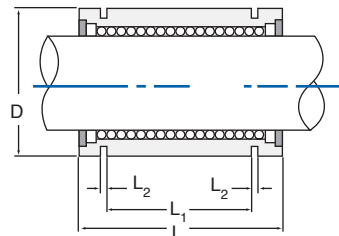
Nominal Shaft Dia.	LBB Bearing Part Number	D	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	E	F	Weight (lb.)	Dynamic Load (lb.)	Static Load (lb.)
1/2"	OPN-500PP	0.8750/0.8746	1.438	.875	.047	.531	9/32	60°	.12	88	79
5/8"	OPN-625PP	1.1250/1.1246	1.688	1.000	.058	—	3/8	60°	.24	160	139
3/4"	OPN-750PP	1.2500/1.2496	1.875	1.062	.058	.687	13/32	60°	.29	204	236
1"	OPN-1000PP	1.5625/1.5621	2.500	1.625	.070	.844	9/16	60°	.52	445	438
1 1/4"	OPN-1250PP	2.0000/1.9995	3.125	1.875	.070	1.031	5/8	50°	1.12	724	726
1 1/2"	OPN-1500PP	2.3750/2.3745	3.438	2.250	.088	1.219	3/4	50°	1.62	948	845
2"	OPN-2000PP	3.0000/2.9994	4.750	3.000	.105	1.531	1	50°	3.08	1,391	1,461

LBB LINEAR BEARINGS TECHNICAL DATA

**INCH - LBB STAINLESS STEEL CLOSED BEARINGS**



- Designed for use on an end supported PowerTrax™ HG “SL” shafting
- Solid stainless steel shell, no seals



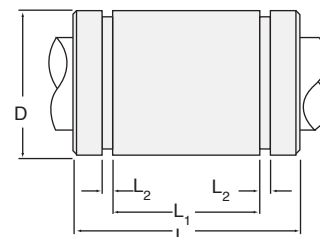
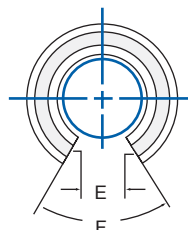
LBB LINEAR BEARINGS TECHNICAL DATA

Nominal Shaft Dia.	LBB Bearing Part Number	D	L	L <sub>1</sub>	L <sub>2</sub>	Weight (lb.)	Normal Load (lb.)	Max Load (lb.)
1/4"	LBB-250SS	0.5000/0.4996	.750	.437	.40	.02	17	25
3/8"	LBB-375SS	0.6250/0.6246	.875	.562	.404	.04	35	50
1/2"	LBB-500SS	0.8750/0.8746	1.250	.875	.047	.10	71	101
5/8"	LBB-625SS	1.1250/1.1246	1.500	1.000	.058	.22	126	179
3/4"	LBB-750SS	1.2500/1.2496	1.625	1.062	.058	.25	143	203
1"	LBB-1000SS	1.5625/1.5621	2.250	1.625	.070	.49	270	385

**INCH - LBB STAINLESS STEEL OPEN BEARINGS**



- Designed for use on a fully supported PowerTrax™ HG “SL” shafting.
- Longitudinal section equal to one ball circuit removed for support rail clearance.
- Solid stainless steel shell, no seals.

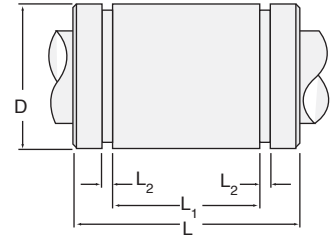


Nominal Shaft Dia.	LBB Bearing Part Number	D	L	L <sub>1</sub>	L <sub>2</sub>	E	F	Weight (lb.)	Normal Load (lb.)	Max Load (lb.)
3/8"	OPN375SS	0.6250/0.6246	.875	.562	.040	.25	60°	.04	35	50
1/2"	OPN-500SS	0.8750/0.8746	1.250	.875	.047	.28	60°	.10	71	101
5/8"	OPN-625SS	1.1250/1.1246	1.500	1.000	.058	.38	60°	.22	126	179
3/4"	OPN-750SS	1.2500/1.2496	1.625	1.062	.058	.40	60°	.25	143	203
1"	OPN-1000SS	1.5625/1.5621	2.250	1.625	.070	.56	60°	.49	270	385

**INCH - INSTRUMENT SERIES CLOSED BEARINGS**



- Designed for use on an end supported PowerTrax™ HG “ISL” shafting
- Solid stainless steel shell, no seals
- Require .0001" clearance
- Matched bearing and shaft assemblies are available



Nominal Shaft Dia.	LBB Bearing Part Number	D	L	L <sub>1</sub>	L <sub>2</sub>	Weight (lb.)	Normal Load (lb.)	Max Load (lb.)
1/8"	ILBB-125	.3125/.3121	.500	.312	.030	.02	7	9
3/16"	ILBB-187	.3750/.3746	.562	.375	.030	.04	9	11
1/4"	ILBB-250	.5000/.4996	.750	.437	.040	.11	17	25

**INCH - INSTRUMENT SERIES SHAFTING**

For optimum performance, PowerTrax™ ILBB Instrument Bearings should be matched with PowerTrax™ HG “ISL” instrument shafting.

- Material:** 440C stainless steel
- Hardness:** Rc 55-60
- Diameter Tolerance:** .0001" for shafts thru 6" long
- Finish:** 2-4 microinch (rms)
- Straightness:** 0.001 per inch of length of the shaft.



INSTRUMENT SERIES LINEAR SHAFTING					
PART NUMBER	NOMINAL DIAMETER (inch)	TOLERANCES CLASS "I" DIAMETER (inches)	MAXIMUM LENGTH (inch)	MINIMUM DEPTH OF HARDNESS (inch)	WEIGHT PER INCH OF LENGTH (pounds)
ISL-125	1/8	.1248/.1247	12	.027	.004
ISL-187	3/16	.1873/.1872	12	.027	.008
ISL-250	1/4	.2498/.2497	12	.027	.014

LBB LINEAR BEARINGS TECHNICAL DATA