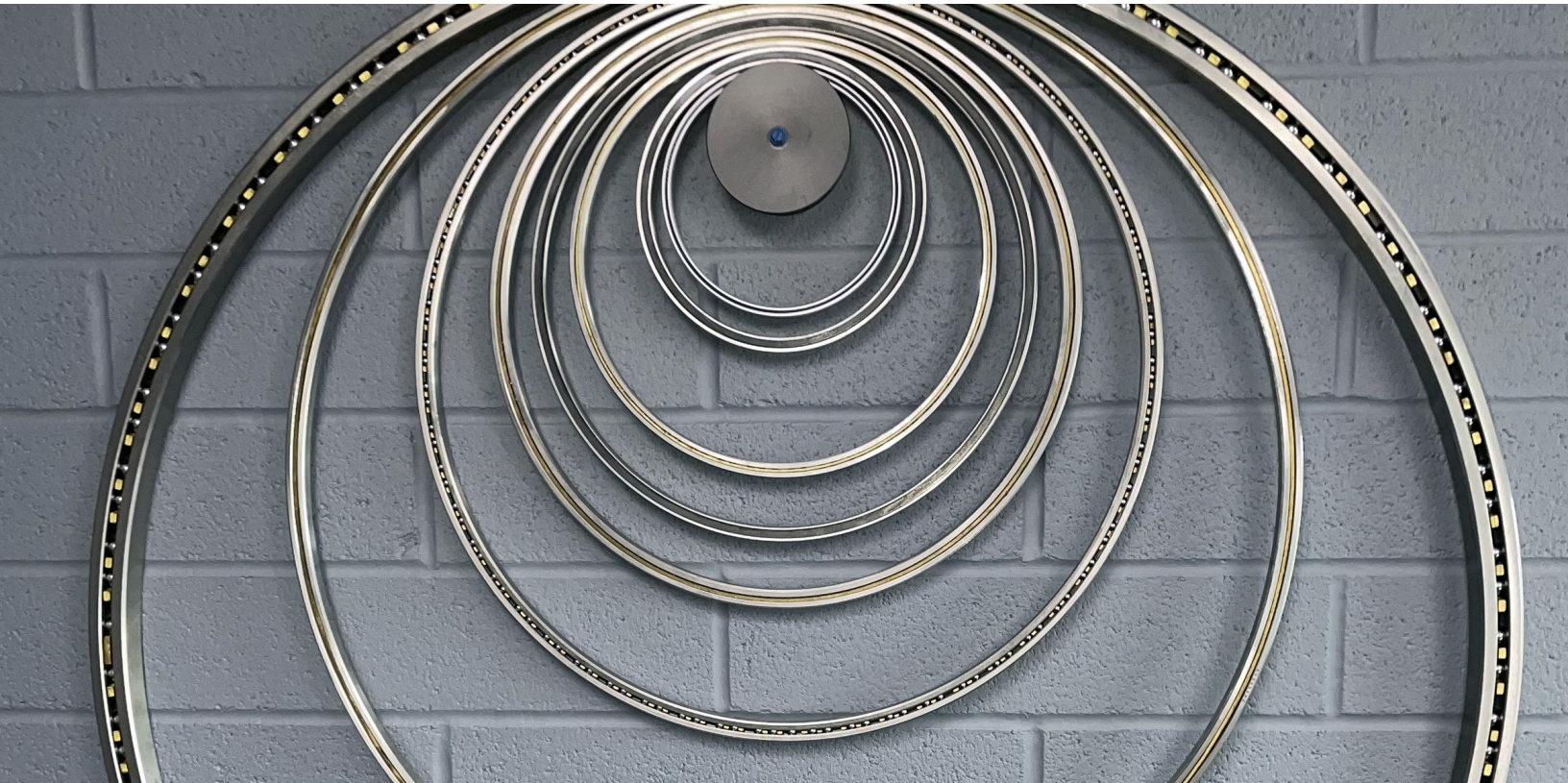


PRECISION ROTARY MOTION

Thin section bearing catalog.

Direct Kaydon® Reali-Slim® interchange.



Using a Kaydon® Reali-Slim® bearing today?

Add SP- to the part number. KA020XP0 becomes SP-KA020XP0.

Same size. Same fit.

1,662

standard sizes

6

product lines

3

bearing types

1"-40"

bore, plus metric

1-2 days

quote turnaround

SLIMPRO THIN SECTION BEARINGS

Kaydon-interchangeable thin section bearings, supported in the USA

SlimPro thin section bearings are built to the same envelope dimensions, tolerances and capacities as Kaydon® Reali-Slim® bearings, so they drop into existing designs without changes. The range covers 1,662 sizes in six product lines and three bearing types, from 1" to 40" bore in inch sizes and 20 to 360 mm in the metric series.

SlimPro is a brand of Potesta & Company of Hudson, Ohio, which also designs and supplies SlewPro slewing rings and slewing drives, RackPro gear racks and Rhino Gear custom gears. Our engineers help you select, cross and specify the right bearing, and every SlimPro order is backed by US-based support.

Direct interchange	Kaydon® Reali-Slim® part number + SP- prefix. Silverthin™ equivalents are listed where they exist.
Six product lines	Open chrome steel, Armoloy® plated, double sealed, sealed and plated, 440C stainless and true metric.
Three bearing types	Angular contact (A), radial contact (C) and four-point contact (X).
Engineering support	Bearing selection, fits and tolerances, 3D STEP models and 2D drawings on request.
Quotes in 1-2 business days	Send a part number, a competitor part or your application details.

Inside this catalog

Interchange & part numbers	3
Product lines & bearing types	4
Size tables: Open, chrome steel	5
Size tables: Open, Armoloy® plated	14
Size tables: Sealed, double sealed	23
Size tables: Sealed, Armoloy® plated	26
Size tables: stainless steel	29
Size tables: metric series	38
Tolerances & fits	43



SlimPro thin section bearing.

INTERCHANGE

Kaydon® Reali-Slim® → SlimPro in one step

SlimPro part numbers follow the Reali-Slim® identification system position for position, with an **SP-** prefix. If you know the Kaydon part number, you know the SlimPro part number.

Kaydon® Reali-Slim®	SlimPro equivalent	Description
KA020XP0	SP-KA020XP0	Open, 1/4" section, 2.000" bore, four-point contact
KB040CP0	SP-KB040CP0	Open, 5/16" section, 4.000" bore, radial contact
JA020CP0	SP-JA020CP0	Double sealed, 1/4" section, 2.000" bore, radial contact
NA030XP0	SP-NA030XP0	Plated, 1/4" section, 3.000" bore, four-point contact
LHA10XL0	SP-LHA10XL0	Sealed and plated, 3/16" x 1/4" section, 1.000" bore, four-point contact
K05008AR0	SP-K05008AR0	Metric, 8 mm section, 50 mm bore, angular contact

How the part number is built

Example: **SP-KG120XP0** — open chrome steel, 1" section, 12.000" bore, four-point contact, formed-ring separator, Precision Class 1.

Position	Example	Meaning	Codes used in this catalog
Prefix	SP-	SlimPro	—
1	K	Material / seals	K = 52100 steel, open · N = 52100 steel, plated · J = 52100 steel, two nitrile seals · L = 52100 steel, two seals, plated · S = 440C stainless
2	G	Cross-section series	AA, A, B, C, D, F, G (open) · HA, A, B, U, G (sealed, J and L) — see the series headings for section size
3-5	120	Bore	Nominal bore in inches × 10 (120 = 12.000"). Metric: bore in mm + section in mm (05008 = 50 mm bore, 8 mm section)
6	X	Bearing type	A = angular contact · C = radial contact · X = four-point contact
7	P	Separator	P = formed ring, snap-over pockets (C, X) · R = formed ring, circular pockets (A) · L, G = molded ring
8	0	Precision	0 = Precision Class 1 (ABEC 1F). Higher classes on request
9	(blank)	Internal fit	Standard clearance unless specified (preload or other clearance on request)

Silverthin™ and other brands

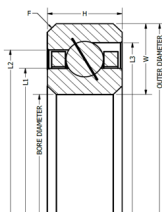
Where a Silverthin™ equivalent exists it is listed beside the SlimPro part number in the size tables. For other brands, send us the part number and our engineers will cross it — usually within 1-2 business days.

SELECTION

Six product lines, three bearing types

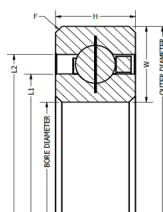
Open — Chrome Steel	AISI 52100 chrome steel rings and balls, no seals. The standard choice for clean, lubricated assemblies.	406 sizes
Open — Armoloy® Plated	The open series with a thin dense chrome (Armoloy®) plating for corrosion and wear resistance.	405 sizes
Sealed — Double Sealed	Upper and lower nitrile seals, pre-lubricated, for contaminated or maintenance-free applications.	122 sizes
Sealed — Armoloy® Plated	Sealed series with Armoloy® plating, for applications that are dirty and wet. Equivalent to Kaydon® “L” bearings. Made to order.	122 sizes
Stainless Steel	AISI 440C stainless rings and balls for washdown, food, medical and corrosive environments.	381 sizes
Metric Series	True metric thin section bearings in 8, 13 and 20 mm cross sections.	226 sizes

Bearing types



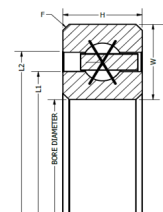
Angular Contact (Type A)

Radial load plus thrust in one direction. Usually mounted as an opposed pair; can carry moment loads when paired.



Radial Contact (Type C)

Designed primarily for radial loads, with light thrust capacity in either direction.



Four-Point Contact (Type X)

Radial, thrust in both directions and moment loads in a single bearing, often replacing a pair of bearings.

Selecting a bearing

- **Radial load only, or light thrust:** Type C.
- **Radial plus thrust in one direction:** Type A; use two Type A bearings, opposed, for thrust in both directions and moment stiffness.
- **Combined radial, thrust and moment in one bearing:** Type X — saves axial space and weight versus a pair.
- **Dirty or washdown environment:** double sealed (J) or stainless steel (S); plated (N) for added corrosion resistance at open-series dimensions; sealed and plated (L) when the application is both dirty and wet.
- **Metric machine design:** the metric series in 8, 13 and 20 mm sections.
- Capacities in the tables are for a single bearing. For life calculations, preload, duplex sets and higher precision classes, ask our engineers.

Reading the size tables

L1 and **L2** are the land (shoulder) diameters of the inner and outer rings; **L3** is the counterbore diameter on angular contact bearings. Inch bearings are dimensioned in inches with capacities in pounds-force (lbf) and weights in pounds; the metric series is in millimetres, kilograms-force (kgf) and kilograms. Static and dynamic capacities are per bearing.

SIZE TABLES

Open — Chrome Steel

AISI 52100 chrome steel rings and balls, no seals. The standard choice for clean, lubricated assemblies.

Angular Contact (Type A)

SP-KAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KAA10AG0	SAA10AG0	1.000	1.375	1.140	1.235	1.274	340	194	970	450	0.025
SP-KAA15AG0	SAA15AG0	1.500	1.875	1.640	1.735	1.774	480	238	1,380	560	0.038
SP-KAA17AG0	SAA17AG0	1.750	2.125	1.890	1.985	2.024	530	251	1,520	600	0.045

SP-KA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KA020AR0	SA020AR0	2.000	2.500	2.186	2.314	2.369	790	405	2,280	960	0.100
SP-KA025AR0	SA025AR0	2.500	3.000	2.686	2.814	2.869	960	459	2,780	1,100	0.120
SP-KA030AR0	SA030AR0	3.000	3.500	3.186	3.314	3.367	1,140	507	3,290	1,230	0.140
SP-KA035AR0	SA035AR0	3.500	4.000	3.686	3.814	3.867	1,310	552	3,790	1,350	0.170
SP-KA040AR0	SA040AR0	4.000	4.500	4.186	4.314	4.367	1,490	595	4,300	1,470	0.190
SP-KA042AR0	SA042AR0	4.250	4.750	4.436	4.564	4.615	1,580	616	4,550	1,530	0.200
SP-KA045AR0	SA045AR0	4.500	5.000	4.686	4.814	4.865	1,660	637	4,810	1,580	0.210
SP-KA047AR0	SA047AR0	4.750	5.250	4.936	5.064	5.115	1,750	657	5,060	1,640	0.220
SP-KA050AR0	SA050AR0	5.000	5.500	5.186	5.314	5.365	1,840	676	5,310	1,690	0.230
SP-KA055AR0	SA055AR0	5.500	6.000	5.686	5.814	5.863	2,020	715	5,820	1,800	0.250
SP-KA060AR0	SA060AR0	6.000	6.500	6.186	6.314	6.363	2,190	752	6,320	1,900	0.280
SP-KA065AR0	SA065AR0	6.500	7.000	6.686	6.814	6.861	2,370	788	6,830	2,000	0.300
SP-KA070AR0	SA070AR0	7.000	7.500	7.186	7.314	7.361	2,540	823	7,340	2,100	0.320
SP-KA075AR0	SA075AR0	7.500	8.000	7.686	7.814	7.861	2,720	857	7,840	2,190	0.340
SP-KA080AR0	SA080AR0	8.000	8.500	8.186	8.314	8.359	2,890	890	8,350	2,280	0.360
SP-KA090AR0	SA090AR0	9.000	9.500	9.186	9.314	9.357	3,240	954	9,360	2,470	0.410
SP-KA100AR0	SA100AR0	10.000	10.500	10.186	10.314	10.355	3,590	1,014	10,370	2,640	0.450
SP-KA110AR0	SA110AR0	11.000	11.500	11.186	11.314	11.353	3,940	1,072	11,380	2,810	0.500
SP-KA120AR0	SA120AR0	12.000	12.500	12.186	12.314	12.349	4,290	1,128	12,390	2,970	0.540

SP-KB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KB020AR0	SB020AR0	2.000	2.625	2.231	2.393	2.464	1,090	601	3,150	1,380	0.150
SP-KB025AR0	SB025AR0	2.500	3.125	2.731	2.893	2.964	1,340	675	3,860	1,590	0.190
SP-KB030AR0	SB030AR0	3.000	3.625	3.231	3.393	3.462	1,550	734	4,470	1,750	0.220
SP-KB035AR0	SB035AR0	3.500	4.125	3.731	3.893	3.962	1,790	801	5,180	1,930	0.270
SP-KB040AR0	SB040AR0	4.000	4.625	4.231	4.393	4.460	2,040	865	5,890	2,100	0.300
SP-KB042AR0	SB042AR0	4.250	4.875	4.481	4.643	4.710	2,150	891	6,200	2,170	0.310
SP-KB045AR0	SB045AR0	4.500	5.125	4.731	4.893	4.960	2,250	917	6,500	2,240	0.340
SP-KB047AR0	SB047AR0	4.750	5.375	4.981	5.143	5.210	2,390	951	6,910	2,340	0.350
SP-KB050AR0	SB050AR0	5.000	5.625	5.231	5.393	5.460	2,500	976	7,210	2,410	0.370
SP-KB055AR0	SB055AR0	5.500	6.125	5.731	5.893	5.958	2,740	1,033	7,920	2,560	0.400
SP-KB060AR0	SB060AR0	6.000	6.625	6.231	6.393	6.458	2,990	1,088	8,630	2,710	0.440
SP-KB065AR0	SB065AR0	6.500	7.125	6.731	6.893	6.958	3,200	1,132	9,240	2,840	0.470
SP-KB070AR0	SB070AR0	7.000	7.625	7.231	7.393	7.456	3,450	1,184	9,960	2,980	0.500
SP-KB075AR0	SB075AR0	7.500	8.125	7.731	7.893	7.955	3,700	1,235	10,670	3,120	0.540
SP-KB080AR0	SB080AR0	8.000	8.625	8.231	8.393	8.453	3,940	1,284	11,380	3,260	0.570
SP-KB090AR0	SB090AR0	9.000	9.625	9.231	9.393	9.451	4,400	1,370	12,700	3,510	0.640
SP-KB100AR0	SB100AR0	10.000	10.625	10.231	10.393	10.449	4,890	1,461	14,120	3,760	0.710
SP-KB110AR0	SB110AR0	11.000	11.625	11.231	11.393	11.447	5,350	1,540	15,440	4,000	0.780

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KB120AR0	SB120AR0	12.000	12.625	12.231	12.393	12.445	5,840	1,623	16,860	4,240	0.850
SP-KB140AR0	SB140AR0	14.000	14.625	14.231	14.393	14.439	6,760	1,767	19,500	4,670	0.980
SP-KB160AR0	SB160AR0	16.000	16.625	16.231	16.393	16.433	7,710	1,907	22,250	5,100	1.120
SP-KB180AR0	SB180AR0	18.000	18.625	18.231	18.393	18.425	8,660	2,038	24,990	5,510	1.260
SP-KB200AR0	SB200AR0	20.000	20.625	20.231	20.393	20.416	9,610	2,162	27,730	5,900	1.400

SP-KC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KC040AR0	SC040AR0	4.000	4.750	4.277	4.473	4.554	2,550	1,153	7,360	2,770	0.440
SP-KC042AR0	SC042AR0	4.250	5.000	4.527	4.723	4.804	2,710	1,194	7,820	2,880	0.460
SP-KC045AR0	SC045AR0	4.500	5.250	4.777	4.973	5.052	2,860	1,234	8,270	2,990	0.490
SP-KC047AR0	SC047AR0	4.750	5.500	5.027	5.223	5.302	3,020	1,274	8,720	3,100	0.510
SP-KC050AR0	SC050AR0	5.000	5.750	5.277	5.473	5.552	3,180	1,313	9,170	3,200	0.540
SP-KC055AR0	SC055AR0	5.500	6.250	5.777	5.973	6.052	3,440	1,374	9,920	3,370	0.580
SP-KC060AR0	SC060AR0	6.000	6.750	6.277	6.473	6.550	3,750	1,448	10,820	3,580	0.640
SP-KC065AR0	SC065AR0	6.500	7.250	6.777	6.973	7.050	4,060	1,519	11,720	3,770	0.680
SP-KC070AR0	SC070AR0	7.000	7.750	7.277	7.473	7.550	4,320	1,575	12,470	3,930	0.740
SP-KC075AR0	SC075AR0	7.500	8.250	7.777	7.973	8.048	4,630	1,642	13,380	4,120	0.780
SP-KC080AR0	SC080AR0	8.000	8.750	8.277	8.473	8.548	4,950	1,708	14,280	4,300	0.840
SP-KC090AR0	SC090AR0	9.000	9.750	9.277	9.473	9.546	5,520	1,822	15,930	4,630	0.980
SP-KC100AR0	SC100AR0	10.000	10.750	10.277	10.473	10.544	6,140	1,942	17,730	4,970	1.040
SP-KC110AR0	SC110AR0	11.000	11.750	11.277	11.473	11.542	6,720	2,047	19,390	5,280	1.140
SP-KC120AR0	SC120AR0	12.000	12.750	12.277	12.473	12.540	7,290	2,147	21,040	5,570	1.230
SP-KC140AR0	SC140AR0	14.000	14.750	14.277	14.473	14.535	8,490	2,347	24,500	6,170	1.430
SP-KC160AR0	SC160AR0	16.000	16.750	16.277	16.473	16.529	9,680	2,533	27,950	6,730	1.630
SP-KC180AR0	SC180AR0	18.000	18.750	18.277	18.473	18.523	10,880	2,707	31,410	7,280	1.830
SP-KC200AR0	SC200AR0	20.000	20.750	20.277	20.473	20.517	12,030	2,863	34,720	7,780	2.030
SP-KC250AR0	SC250AR0	25.000	25.750	25.277	25.473	25.500	14,900	3,233	43,280	9,010	2.520
SP-KC300AR0	SC300AR0	30.000	30.750	30.277	30.473	30.484	17,960	3,561	51,850	10,160	3.020

SP-KD Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KD040AR0	—	4.000	5.000	4.370	4.630	4.741	3,550	1,819	10,260	4,260	0.800
SP-KD042AR0	SD042AR0	4.250	5.250	4.620	4.880	4.991	3,750	1,876	10,830	4,420	0.840
SP-KD045AR0	SD045AR0	4.500	5.500	4.870	5.130	5.241	3,950	1,931	11,400	4,570	0.880
SP-KD047AR0	SD047AR0	4.750	5.750	5.120	5.380	5.490	4,150	1,986	11,970	4,720	0.930
SP-KD050AR0	SD050AR0	5.000	6.000	5.370	5.630	5.740	4,340	2,040	12,540	4,870	0.980
SP-KD055AR0	SD055AR0	5.500	6.500	5.870	6.130	6.238	4,740	2,145	13,680	5,160	1.060
SP-KD060AR0	SD060AR0	6.000	7.000	6.370	6.630	6.738	5,130	2,247	14,820	5,440	1.150
SP-KD065AR0	SD065AR0	6.500	7.500	6.870	7.130	7.236	5,530	2,346	15,960	5,720	1.240
SP-KD070AR0	SD070AR0	7.000	8.000	7.370	7.630	7.736	5,920	2,442	17,100	5,990	1.330
SP-KD075AR0	SD075AR0	7.500	8.500	7.870	8.130	8.236	6,320	2,536	18,240	6,250	1.420
SP-KD080AR0	SD080AR0	8.000	9.000	8.370	8.630	8.734	6,710	2,627	19,380	6,510	1.520
SP-KD090AR0	SD090AR0	9.000	10.000	9.370	9.630	9.732	7,500	2,803	21,660	7,010	1.690
SP-KD100AR0	SD100AR0	10.000	11.000	10.370	10.630	10.732	8,290	2,972	23,940	7,500	1.870
SP-KD110AR0	SD110AR0	11.000	12.000	11.370	11.630	11.730	9,080	3,133	26,220	7,960	2.050
SP-KD120AR0	SD120AR0	12.000	13.000	12.370	12.630	12.728	9,870	3,288	28,500	8,420	2.230
SP-KD140AR0	SD140AR0	14.000	15.000	14.370	14.630	14.724	11,450	3,582	33,060	9,290	2.570
SP-KD160AR0	SD160AR0	16.000	17.000	16.370	16.630	16.718	13,030	3,856	37,620	10,130	2.930
SP-KD180AR0	SD180AR0	18.000	19.000	18.370	18.630	18.712	14,610	4,113	42,180	10,930	3.290
SP-KD200AR0	SD200AR0	20.000	21.000	20.370	20.630	20.705	16,190	4,356	46,740	11,710	3.650
SP-KD210AR0	—	21.000	22.000	21.370	21.630	21.700	16,981	4,472	49,020	12,086	3.830
SP-KD250AR0	SD250AR0	25.000	26.000	25.370	25.630	25.688	20,140	4,908	58,140	13,540	4.540
SP-KD300AR0	SD300AR0	30.000	31.000	30.370	30.630	30.672	24,090	5,397	69,540	15,260	5.440

SP-KF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KF040AR0	SF040AR0	4.000	5.500	4.555	4.945	5.115	6,350	3,736	18,340	8,420	1.920
SP-KF042AR0	SF042AR0	4.250	5.750	4.805	5.195	5.365	6,600	3,805	19,050	8,630	2.040
SP-KF045AR0	SF045AR0	4.500	6.000	5.055	5.445	5.615	7,090	3,966	20,460	9,050	2.140
SP-KF047AR0	SF047AR0	4.750	6.250	5.305	5.695	5.865	7,330	4,034	21,160	9,260	2.260
SP-KF050AR0	SF050AR0	5.000	6.500	5.555	5.945	6.115	7,570	4,101	21,870	9,460	2.370
SP-KF055AR0	SF055AR0	5.500	7.000	6.055	6.445	6.613	8,310	4,319	23,980	10,060	2.590
SP-KF060AR0	SF060AR0	6.000	7.500	6.555	6.945	7.113	9,040	4,530	26,100	10,650	2.720
SP-KF065AR0	SF065AR0	6.500	8.000	7.055	7.445	7.613	9,770	4,734	28,220	11,220	2.940
SP-KF070AR0	SF070AR0	7.000	8.500	7.555	7.945	8.113	10,510	4,932	30,330	11,770	3.160
SP-KF075AR0	SF075AR0	7.500	9.000	8.055	8.445	8.610	11,000	5,052	31,740	12,130	3.390
SP-KF080AR0	SF080AR0	8.000	9.500	8.555	8.945	9.110	11,730	5,242	33,860	12,670	3.610
SP-KF090AR0	SF090AR0	9.000	10.500	9.555	9.945	10.108	13,190	5,608	38,090	13,700	3.950
SP-KF100AR0	SF100AR0	10.000	11.500	10.555	10.945	11.106	14,420	5,890	41,620	14,530	4.400
SP-KF110AR0	SF110AR0	11.000	12.500	11.555	11.945	12.106	15,880	6,227	45,850	15,500	4.750
SP-KF120AR0	SF120AR0	12.000	13.500	12.555	12.945	13.104	17,100	6,487	49,380	16,290	5.200
SP-KF140AR0	SF140AR0	14.000	15.500	14.555	14.945	15.102	19,790	7,043	57,140	17,950	5.760
SP-KF160AR0	SF160AR0	16.000	17.500	16.555	16.945	17.098	22,480	7,563	64,890	19,540	6.780
SP-KF180AR0	SF180AR0	18.000	19.500	18.555	18.945	19.096	25,410	8,103	73,360	21,210	7.670
SP-KF200AR0	SF200AR0	20.000	21.500	20.555	20.945	21.092	28,100	8,562	81,120	22,680	8.470
SP-KF250AR0	SF250AR0	25.000	26.500	25.555	25.945	26.085	34,700	9,585	100,200	26,100	10.5
SP-KF300AR0	SF300AR0	30.000	31.500	30.555	30.945	31.075	41,540	10,533	119,900	29,430	12.5
SP-KF350AR0	SF350AR0	35.000	36.500	35.555	35.945	36.064	48,380	11,382	139,700	32,580	14.6
SP-KF400AR0	—	40.000	41.500	40.555	40.945	41.054	55,220	12,147	159,400	35,580	16.6

SP-KG Series · 1" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KG040AR0	SG040AR0	4.000	6.000	4.742	5.258	5.491	9,480	6,281	27,360	13,630	3.610
SP-KG042AR0	SG042AR0	4.250	6.250	4.992	5.508	5.741	9,950	6,438	28,730	14,090	3.830
SP-KG045AR0	SG045AR0	4.500	6.500	5.242	5.758	5.989	10,430	6,562	30,100	14,530	3.950
SP-KG047AR0	SG047AR0	4.750	6.750	5.492	6.008	6.239	10,900	6,745	31,460	14,970	4.170
SP-KG050AR0	SG050AR0	5.000	7.000	5.742	6.258	6.489	11,370	6,897	32,830	15,400	4.420
SP-KG055AR0	SG055AR0	5.500	7.500	6.242	6.758	6.989	12,320	7,192	35,570	16,240	4.730
SP-KG060AR0	SG060AR0	6.000	8.000	6.742	7.258	7.489	13,270	7,480	38,300	17,060	5.070
SP-KG065AR0	SG065AR0	6.500	8.500	7.242	7.758	7.987	14,220	7,761	41,040	17,870	5.410
SP-KG070AR0	SG070AR0	7.000	9.000	7.742	8.258	8.487	15,160	8,035	43,780	18,650	5.870
SP-KG075AR0	SG075AR0	7.500	9.500	8.242	8.758	8.987	16,110	8,303	46,510	19,420	6.200
SP-KG080AR0	SG080AR0	8.000	10.000	8.742	9.258	9.485	17,060	8,566	49,250	20,180	6.540
SP-KG090AR0	SG090AR0	9.000	11.000	9.742	10.258	10.485	18,960	9,073	54,720	21,640	7.220
SP-KG100AR0	SG100AR0	10.000	12.000	10.742	11.258	11.483	20,850	9,561	60,190	23,060	8.000
SP-KG110AR0	SG110AR0	11.000	13.000	11.742	12.258	12.481	22,750	10,027	65,660	24,440	8.680
SP-KG120AR0	SG120AR0	12.000	14.000	12.742	13.258	13.481	24,640	10,481	71,140	25,780	9.470
SP-KG140AR0	SG140AR0	14.000	16.000	14.742	15.258	15.478	28,430	11,338	82,080	28,360	10.9
SP-KG160AR0	SG160AR0	16.000	18.000	16.742	17.258	17.474	32,220	12,142	93,020	30,830	12.4
SP-KG180AR0	SG180AR0	18.000	20.000	18.742	19.258	19.472	36,020	12,898	104,000	33,200	13.8
SP-KG200AR0	SG200AR0	20.000	22.000	20.742	21.258	21.468	39,810	13,612	114,900	35,490	15.2
SP-KG220AR0	—	22.000	24.000	22.742	23.258	23.468	43,598	14,290	125,856	37,712	16.6
SP-KG250AR0	SG250AR0	25.000	27.000	25.742	26.258	26.461	49,280	15,239	142,300	40,920	18.8
SP-KG300AR0	SG300AR0	30.000	32.000	30.742	31.258	31.451	58,760	16,687	169,600	46,020	22.5
SP-KG350AR0	SG350AR0	35.000	37.000	35.742	36.258	36.440	68,240	17,982	197,000	50,840	26.2
SP-KG400AR0	—	40.000	42.000	40.742	41.258	41.430	77,720	19,153	224,400	55,440	29.8

Radial Contact (Type C)

SP-KAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-KAA10CL0	SAA10CL0	1.000	1.375	1.140	1.235	290	188	0.026
SP-KAA15CL0	SAA15CL0	1.500	1.875	1.640	1.735	400	225	0.039
SP-KAA17CL0	SAA17CL0	1.750	2.125	1.890	1.985	460	242	0.045

SP-KA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-KA020CP0	SA020CP0	2.000	2.500	2.186	2.314	680	393	0.100
SP-KA025CP0	SA025CP0	2.500	3.000	2.686	2.814	830	442	0.130
SP-KA030CP0	SA030CP0	3.000	3.500	3.186	3.314	990	487	0.150
SP-KA035CP0	SA035CP0	3.500	4.000	3.686	3.814	1,140	530	0.180
SP-KA040CP0	SA040CP0	4.000	4.500	4.186	4.314	1,290	571	0.190
SP-KA042CP0	SA042CP0	4.250	4.750	4.436	4.564	1,370	591	0.200
SP-KA045CP0	SA045CP0	4.500	5.000	4.686	4.814	1,440	610	0.220
SP-KA047CP0	SA047CP0	4.750	5.250	4.936	5.064	1,520	629	0.230
SP-KA050CP0	SA050CP0	5.000	5.500	5.186	5.314	1,590	648	0.240
SP-KA055CP0	SA055CP0	5.500	6.000	5.686	5.814	1,750	685	0.250
SP-KA060CP0	SA060CP0	6.000	6.500	6.186	6.314	1,900	720	0.280
SP-KA065CP0	SA065CP0	6.500	7.000	6.686	6.814	2,050	754	0.300
SP-KA070CP0	SA070CP0	7.000	7.500	7.186	7.314	2,200	787	0.310
SP-KA075CP0	SA075CP0	7.500	8.000	7.686	7.814	2,350	820	0.340
SP-KA080CP0	SA080CP0	8.000	8.500	8.186	8.314	2,500	851	0.380
SP-KA090CP0	SA090CP0	9.000	9.500	9.186	9.314	2,810	912	0.440
SP-KA100CP0	SA100CP0	10.000	10.500	10.186	10.314	3,110	969	0.500
SP-KA110CP0	SA110CP0	11.000	11.500	11.186	11.314	3,410	1,025	0.520
SP-KA120CP0	SA120CP0	12.000	12.500	12.186	12.314	3,720	1,078	0.560

SP-KB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-KB020CP0	SB020CP0	2.000	2.625	2.231	2.393	930	577	0.160
SP-KB025CP0	SB025CP0	2.500	3.125	2.731	2.893	1,140	644	0.200
SP-KB030CP0	SB030CP0	3.000	3.625	3.231	3.393	1,340	707	0.240
SP-KB035CP0	SB035CP0	3.500	4.125	3.731	3.893	1,540	767	0.270
SP-KB040CP0	SB040CP0	4.000	4.625	4.231	4.393	1,750	825	0.300
SP-KB042CP0	SB042CP0	4.250	4.875	4.481	4.643	1,830	846	0.310
SP-KB045CP0	SB045CP0	4.500	5.125	4.731	4.893	1,950	880	0.330
SP-KB047CP0	SB047CP0	4.750	5.375	4.981	5.143	2,030	901	0.340
SP-KB050CP0	SB050CP0	5.000	5.625	5.231	5.393	2,150	933	0.380
SP-KB055CP0	SB055CP0	5.500	6.125	5.731	5.893	2,360	984	0.410
SP-KB060CP0	SB060CP0	6.000	6.625	6.231	6.393	2,560	1,034	0.440
SP-KB065CP0	SB065CP0	6.500	7.125	6.731	6.893	2,760	1,082	0.470
SP-KB070CP0	SB070CP0	7.000	7.625	7.231	7.393	2,970	1,129	0.500
SP-KB075CP0	SB075CP0	7.500	8.125	7.731	7.893	3,170	1,175	0.530
SP-KB080CP0	SB080CP0	8.000	8.625	8.231	8.393	3,370	1,219	0.570
SP-KB090CP0	SB090CP0	9.000	9.625	9.231	9.393	3,780	1,304	0.660
SP-KB100CP0	SB100CP0	10.000	10.625	10.231	10.393	4,190	1,386	0.730
SP-KB110CP0	SB110CP0	11.000	11.625	11.231	11.393	4,590	1,464	0.750
SP-KB120CP0	SB120CP0	12.000	12.625	12.231	12.393	5,000	1,539	0.830
SP-KB140CP0	SB140CP0	14.000	14.625	14.231	14.393	5,810	1,680	1.050
SP-KB160CP0	SB160CP0	16.000	16.625	16.231	16.393	6,620	1,812	1.200
SP-KB180CP0	SB180CP0	18.000	18.625	18.231	18.393	7,440	1,936	1.350
SP-KB200CP0	SB200CP0	20.000	20.625	20.231	20.393	8,250	2,053	1.500

SP-KC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-KC040CP0	SC040CP0	4.000	4.750	4.277	4.473	2,100	1,073	0.450
SP-KC042CP0	SC042CP0	4.250	5.000	4.527	4.723	2,220	1,108	0.470
SP-KC045CP0	SC045CP0	4.500	5.250	4.777	4.973	2,340	1,143	0.480
SP-KC047CP0	SC047CP0	4.750	5.500	5.027	5.223	2,460	1,176	0.500
SP-KC050CP0	SC050CP0	5.000	5.750	5.277	5.473	2,590	1,209	0.580
SP-KC055CP0	SC055CP0	5.500	6.250	5.777	5.973	2,830	1,274	0.590
SP-KC060CP0	SC060CP0	6.000	6.750	6.277	6.473	3,070	1,337	0.630
SP-KC065CP0	SC065CP0	6.500	7.250	6.777	6.973	3,310	1,397	0.680
SP-KC070CP0	SC070CP0	7.000	7.750	7.277	7.473	3,550	1,457	0.730
SP-KC075CP0	SC075CP0	7.500	8.250	7.777	7.973	3,790	1,514	0.780
SP-KC080CP0	SC080CP0	8.000	8.750	8.277	8.473	4,030	1,570	0.840
SP-KC090CP0	SC090CP0	9.000	9.750	9.277	9.473	4,510	1,678	0.940
SP-KC100CP0	SC100CP0	10.000	10.750	10.277	10.473	4,990	1,781	1.060
SP-KC110CP0	SC110CP0	11.000	11.750	11.277	11.473	5,470	1,879	1.160
SP-KC120CP0	SC120CP0	12.000	12.750	12.277	12.473	5,950	1,974	1.250
SP-KC140CP0	SC140CP0	14.000	14.750	14.277	14.473	6,910	2,154	1.520
SP-KC160CP0	SC160CP0	16.000	16.750	16.277	16.473	7,880	2,321	1.730
SP-KC180CP0	SC180CP0	18.000	18.750	18.277	18.473	8,840	2,478	1.940
SP-KC200CP0	SC200CP0	20.000	20.750	20.277	20.473	9,800	2,626	2.160
SP-KC250CP0	SC250CP0	25.000	25.750	25.277	25.473	12,200	2,962	2.690
SP-KC300CP0	SC300CP0	30.000	30.750	30.277	30.473	14,610	3,260	3.210

SP-KD Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-KD040CP0	SD040CP0	4.000	5.000	4.370	4.630	3,080	1,755	0.780
SP-KD042CP0	SD042CP0	4.250	5.250	4.620	4.880	3,190	1,787	0.830
SP-KD045CP0	SD045CP0	4.500	5.500	4.870	5.130	3,420	1,861	0.880
SP-KD047CP0	SD047CP0	4.750	5.750	5.120	5.380	3,530	1,892	0.940
SP-KD050CP0	SD050CP0	5.000	6.000	5.370	5.630	3,760	1,964	1.000
SP-KD055CP0	SD055CP0	5.500	6.500	5.870	6.130	4,100	2,063	1.060
SP-KD060CP0	SD060CP0	6.000	7.000	6.370	6.630	4,450	2,160	1.160
SP-KD065CP0	SD065CP0	6.500	7.500	6.870	7.130	4,790	2,254	1.220
SP-KD070CP0	SD070CP0	7.000	8.000	7.370	7.630	5,130	2,345	1.310
SP-KD075CP0	SD075CP0	7.500	8.500	7.870	8.130	5,470	2,434	1.410
SP-KD080CP0	SD080CP0	8.000	9.000	8.370	8.630	5,810	2,520	1.530
SP-KD090CP0	SD090CP0	9.000	10.000	9.370	9.630	6,500	2,688	1.720
SP-KD100CP0	SD100CP0	10.000	11.000	10.370	10.630	7,180	2,847	1.880
SP-KD110CP0	SD110CP0	11.000	12.000	11.370	11.630	7,870	3,000	2.060
SP-KD120CP0	SD120CP0	12.000	13.000	12.370	12.630	8,550	3,148	2.250
SP-KD140CP0	SD140CP0	14.000	15.000	14.370	14.630	9,920	3,427	2.730
SP-KD160CP0	SD160CP0	16.000	17.000	16.370	16.630	11,290	3,688	3.100
SP-KD180CP0	SD180CP0	18.000	19.000	18.370	18.630	12,650	3,933	3.480
SP-KD200CP0	SD200CP0	20.000	21.000	20.370	20.630	14,020	4,164	3.850
SP-KD210CP0	—	21.000	22.000	21.370	21.630	14,706	4,274	4.040
SP-KD250CP0	SD250CP0	25.000	26.000	25.370	25.630	17,440	4,689	4.790
SP-KD300CP0	SD300CP0	30.000	31.000	30.370	30.630	20,860	5,153	5.730

SP-KF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-KF040CP0	SF040CP0	4.000	5.500	4.555	4.945	5,360	3,559	1.900
SP-KF042CP0	SF042CP0	4.250	5.750	4.805	5.195	5,640	3,655	2.000
SP-KF045CP0	SF045CP0	4.500	6.000	5.055	5.445	5,930	3,750	2.100
SP-KF047CP0	SF047CP0	4.750	6.250	5.305	5.695	6,210	3,843	2.200
SP-KF050CP0	SF050CP0	5.000	6.500	5.555	5.945	6,490	3,936	2.300
SP-KF055CP0	SF055CP0	5.500	7.000	6.055	6.445	7,050	4,116	2.500

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-KF060CP0	SF060CP0	6.000	7.500	6.555	6.945	7,620	4,291	2.700
SP-KF065CP0	SF065CP0	6.500	8.000	7.055	7.445	8,180	4,461	2.900
SP-KF070CP0	SF070CP0	7.000	8.500	7.555	7.945	8,750	4,628	3.200
SP-KF075CP0	SF075CP0	7.500	9.000	8.055	8.445	9,310	4,791	3.400
SP-KF080CP0	SF080CP0	8.000	9.500	8.555	8.945	9,880	4,949	3.500
SP-KF090CP0	SF090CP0	9.000	10.500	9.555	9.945	11,000	5,256	3.900
SP-KF100CP0	SF100CP0	10.000	11.500	10.555	10.945	12,130	5,550	4.300
SP-KF110CP0	SF110CP0	11.000	12.500	11.555	11.945	13,260	5,833	4.800
SP-KF120CP0	SF120CP0	12.000	13.500	12.555	12.945	14,390	6,105	5.200
SP-KF140CP0	SF140CP0	14.000	15.500	14.555	14.945	16,650	6,620	6.000
SP-KF160CP0	SF160CP0	16.000	17.500	16.555	16.945	18,900	7,104	7.100
SP-KF180CP0	SF180CP0	18.000	19.500	18.555	18.945	21,160	7,557	7.900
SP-KF200CP0	SF200CP0	20.000	21.500	20.555	20.945	23,420	7,986	8.900
SP-KF250CP0	SF250CP0	25.000	26.500	25.555	25.945	29,060	8,963	10.9
SP-KF300CP0	SF300CP0	30.000	31.500	30.555	30.945	34,700	9,828	13.0
SP-KF350CP0	SF350CP0	35.000	36.500	35.555	35.945	40,350	10,603	15.1
SP-KF400CP0	—	40.000	41.500	40.555	40.945	45,990	11,302	17.2

SP-KG Series · 1" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-KG040CP0	SG040CP0	4.000	6.000	4.742	5.258	8,210	6,115	3.600
SP-KG042CP0	SG042CP0	4.250	6.250	4.992	5.508	8,210	6,061	3.800
SP-KG045CP0	SG045CP0	4.500	6.500	5.242	5.758	8,760	6,227	4.000
SP-KG047CP0	SG047CP0	4.750	6.750	5.492	6.008	9,300	6,487	4.100
SP-KG050CP0	SG050CP0	5.000	7.000	5.742	6.258	9,850	6,691	4.300
SP-KG055CP0	SG055CP0	5.500	7.500	6.242	6.758	10,400	6,850	4.700
SP-KG060CP0	SG060CP0	6.000	8.000	6.742	7.258	11,490	7,241	5.100
SP-KG065CP0	SG065CP0	6.500	8.500	7.242	7.758	12,040	7,393	5.400
SP-KG070CP0	SG070CP0	7.000	9.000	7.742	8.258	13,130	7,764	5.800
SP-KG075CP0	SG075CP0	7.500	9.500	8.242	8.758	13,680	7,911	6.100
SP-KG080CP0	SG080CP0	8.000	10.000	8.742	9.258	14,770	8,265	6.500
SP-KG090CP0	SG090CP0	9.000	11.000	9.742	10.258	16,420	8,743	7.200
SP-KG100CP0	SG100CP0	10.000	12.000	10.742	11.258	18,060	9,204	7.900
SP-KG110CP0	SG110CP0	11.000	13.000	11.742	12.258	19,700	9,648	8.600
SP-KG120CP0	SG120CP0	12.000	14.000	12.742	13.258	21,340	10,074	9.300
SP-KG140CP0	SG140CP0	14.000	16.000	14.742	15.258	24,620	10,886	10.8
SP-KG160CP0	SG160CP0	16.000	18.000	16.742	17.258	27,910	11,648	12.3
SP-KG180CP0	SG180CP0	18.000	20.000	18.742	19.258	31,190	12,367	13.7
SP-KG200CP0	SG200CP0	20.000	22.000	20.742	21.258	34,470	13,044	15.8
SP-KG220CP0	—	22.000	24.000	22.742	23.258	37,757	13,685	16.8
SP-KG250CP0	SG250CP0	25.000	27.000	25.742	26.258	42,680	14,591	19.5
SP-KG300CP0	SG300CP0	30.000	32.000	30.742	31.258	50,890	15,963	23.3
SP-KG350CP0	SG350CP0	35.000	37.000	35.742	36.258	59,100	17,195	27.1
SP-KG400CP0	—	40.000	42.000	40.742	41.258	67,310	18,307	30.8

Four-Point Contact (Type X)

SP-KAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KAA10XL0	SAA10XL0	1.000	1.375	1.140	1.235	290	247	730	370	0.026
SP-KAA15XL0	SAA15XL0	1.500	1.875	1.640	1.735	400	296	1,000	460	0.039
SP-KAA17XL0	SAA17XL0	1.750	2.125	1.890	1.985	460	319	1,140	500	0.045

SP-KA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KA020XP0	SA020XP0	2.000	2.500	2.186	2.314	680	514	1,710	790	0.100
SP-KA025XP0	SA025XP0	2.500	3.000	2.686	2.814	830	583	2,090	910	0.130
SP-KA027XP0	—	2.750	3.250	2.936	3.064	910	614	2,275	960	0.140
SP-KA030XP0	SA030XP0	3.000	3.500	3.186	3.314	990	643	2,470	1,010	0.150
SP-KA035XP0	SA035XP0	3.500	4.000	3.686	3.814	1,140	701	2,850	1,110	0.180
SP-KA040XP0	SA040XP0	4.000	4.500	4.186	4.314	1,290	756	3,220	1,210	0.190
SP-KA042XP0	SA042XP0	4.250	4.750	4.436	4.564	1,370	783	3,410	1,260	0.200
SP-KA045XP0	SA045XP0	4.500	5.000	4.686	4.814	1,440	809	3,600	1,310	0.220
SP-KA047XP0	—	4.750	5.250	4.936	5.064	1,520	834	3,790	1,350	0.230
SP-KA050XP0	SA050XP0	5.000	5.500	5.186	5.314	1,590	859	3,980	1,400	0.240
SP-KA055XP0	SA055XP0	5.500	6.000	5.686	5.814	1,750	908	4,360	1,480	0.250
SP-KA060XP0	SA060XP0	6.000	6.500	6.186	6.314	1,900	955	4,740	1,570	0.280
SP-KA065XP0	SA065XP0	6.500	7.000	6.686	6.814	2,050	1,001	5,120	1,650	0.300
SP-KA070XP0	SA070XP0	7.000	7.500	7.186	7.314	2,200	1,046	5,500	1,730	0.310
SP-KA075XP0	SA075XP0	7.500	8.000	7.686	7.814	2,350	1,089	5,880	1,810	0.340
SP-KA080XP0	SA080XP0	8.000	8.500	8.186	8.314	2,500	1,131	6,260	1,890	0.380
SP-KA090XP0	SA090XP0	9.000	9.500	9.186	9.314	2,810	1,212	7,020	2,040	0.440
SP-KA100XP0	SA100XP0	10.000	10.500	10.186	10.314	3,110	1,289	7,780	2,180	0.500
SP-KA110XP0	SA110XP0	11.000	11.500	11.186	11.314	3,410	1,362	8,540	2,320	0.520
SP-KA120XP0	SA120XP0	12.000	12.500	12.186	12.314	3,720	1,433	9,300	2,450	0.560

SP-KB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KB020XP0	SB020XP0	2.000	2.625	2.231	2.393	930	758	2,340	1,130	0.160
SP-KB025XP0	SB025XP0	2.500	3.125	2.731	2.893	1,140	848	2,840	1,290	0.190
SP-KB030XP0	SB030XP0	3.000	3.625	3.231	3.393	1,340	933	3,350	1,440	0.240
SP-KB035XP0	SB035XP0	3.500	4.125	3.731	3.893	1,540	1,014	3,860	1,590	0.270
SP-KB040XP0	SB040XP0	4.000	4.625	4.231	4.393	1,750	1,091	4,370	1,720	0.300
SP-KB042XP0	SB042XP0	4.250	4.875	4.481	4.643	1,830	1,120	4,570	1,780	0.310
SP-KB045XP0	SB045XP0	4.500	5.125	4.731	4.893	1,950	1,165	4,880	1,850	0.330
SP-KB047XP0	SB047XP0	4.750	5.375	4.981	5.143	2,030	1,193	5,080	1,900	0.340
SP-KB050XP0	SB050XP0	5.000	5.625	5.231	5.393	2,150	1,236	5,380	1,980	0.380
SP-KB055XP0	SB055XP0	5.500	6.125	5.731	5.893	2,360	1,304	5,890	2,100	0.410
SP-KB060XP0	SB060XP0	6.000	6.625	6.231	6.393	2,560	1,371	6,400	2,220	0.440
SP-KB065XP0	SB065XP0	6.500	7.125	6.731	6.893	2,760	1,435	6,910	2,340	0.470
SP-KB070XP0	SB070XP0	7.000	7.625	7.231	7.393	2,970	1,498	7,420	2,450	0.500
SP-KB075XP0	SB075XP0	7.500	8.125	7.731	7.893	3,170	1,559	7,920	2,560	0.530
SP-KB080XP0	SB080XP0	8.000	8.625	8.231	8.393	3,370	1,618	8,430	2,670	0.570
SP-KB090XP0	SB090XP0	9.000	9.625	9.231	9.393	3,780	1,732	9,450	2,880	0.660
SP-KB100XP0	SB100XP0	10.000	10.625	10.231	10.393	4,190	1,841	10,460	3,080	0.730
SP-KB110XP0	SB110XP0	11.000	11.625	11.231	11.393	4,590	1,945	11,480	3,280	0.750
SP-KB120XP0	SB120XP0	12.000	12.625	12.231	12.393	5,000	2,045	12,500	3,470	0.830
SP-KB140XP0	SB140XP0	14.000	14.625	14.231	14.393	5,810	2,234	14,530	3,840	1.050
SP-KB160XP0	SB160XP0	16.000	16.625	16.231	16.393	6,620	2,410	16,560	4,190	1.200
SP-KB180XP0	SB180XP0	18.000	18.625	18.231	18.393	7,440	2,576	18,590	4,520	1.350
SP-KB200XP0	SB200XP0	20.000	20.625	20.231	20.393	8,250	2,731	20,620	4,850	1.500

SP-KC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KC040XP0	SC040XP0	4.000	4.750	4.277	4.473	2,100	1,417	5,260	2,210	0.450
SP-KC042XP0	SC042XP0	4.250	5.000	4.527	4.723	2,220	1,464	5,560	2,290	0.470
SP-KC045XP0	SC045XP0	4.500	5.250	4.777	4.973	2,340	1,510	5,860	2,380	0.480
SP-KC047XP0	SC047XP0	4.750	5.500	5.027	5.223	2,460	1,556	6,160	2,460	0.500
SP-KC050XP0	SC050XP0	5.000	5.750	5.277	5.473	2,590	1,600	6,460	2,540	0.580
SP-KC055XP0	SC055XP0	5.500	6.250	5.777	5.973	2,830	1,687	7,060	2,690	0.590
SP-KC060XP0	SC060XP0	6.000	6.750	6.277	6.473	3,070	1,770	7,660	2,840	0.630
SP-KC065XP0	SC065XP0	6.500	7.250	6.777	6.973	3,310	1,851	8,270	2,990	0.680
SP-KC070XP0	SC070XP0	7.000	7.750	7.277	7.473	3,550	1,931	8,870	3,130	0.730
SP-KC075XP0	SC075XP0	7.500	8.250	7.777	7.973	3,790	2,007	9,470	3,270	0.780
SP-KC080XP0	SC080XP0	8.000	8.750	8.277	8.473	4,030	2,082	10,070	3,410	0.840
SP-KC090XP0	SC090XP0	9.000	9.750	9.277	9.473	4,510	2,226	11,270	3,670	0.940
SP-KC100XP0	SC100XP0	10.000	10.750	10.277	10.473	4,990	2,364	12,470	3,930	1.060
SP-KC110XP0	SC110XP0	11.000	11.750	11.277	11.473	5,470	2,496	13,680	4,180	1.160
SP-KC120XP0	SC120XP0	12.000	12.750	12.277	12.473	5,950	2,622	14,880	4,420	1.250
SP-KC140XP0	SC140XP0	14.000	14.750	14.277	14.473	6,910	2,862	17,280	4,890	1.520
SP-KC160XP0	SC160XP0	16.000	16.750	16.277	16.473	7,880	3,086	19,690	5,330	1.730
SP-KC180XP0	SC180XP0	18.000	18.750	18.277	18.473	8,840	3,295	22,090	5,760	1.940
SP-KC200XP0	SC200XP0	20.000	20.750	20.277	20.473	9,800	3,492	24,500	6,170	2.160
SP-KC250XP0	SC250XP0	25.000	25.750	25.277	25.473	12,200	3,941	30,510	7,140	2.690
SP-KC300XP0	SC300XP0	30.000	30.750	30.277	30.473	14,610	4,338	36,520	8,050	3.210

SP-KD Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KD040XP0	SD040XP0	4.000	5.000	4.370	4.630	3,080	2,311	7,700	3,520	0.780
SP-KD042XP0	SD042XP0	4.250	5.250	4.620	4.880	3,190	2,355	7,980	3,600	0.830
SP-KD045XP0	SD045XP0	4.500	5.500	4.870	5.130	3,420	2,454	8,550	3,770	0.880
SP-KD047XP0	SD047XP0	4.750	5.750	5.120	5.380	3,530	2,496	8,840	3,860	0.940
SP-KD050XP0	SD050XP0	5.000	6.000	5.370	5.630	3,760	2,592	9,410	4,020	1.000
SP-KD055XP0	SD055XP0	5.500	6.500	5.870	6.130	4,100	2,725	10,260	4,260	1.060
SP-KD060XP0	SD060XP0	6.000	7.000	6.370	6.630	4,450	2,855	11,120	4,490	1.160
SP-KD065XP0	SD065XP0	6.500	7.500	6.870	7.130	4,790	2,980	11,970	4,720	1.220
SP-KD070XP0	SD070XP0	7.000	8.000	7.370	7.630	5,130	3,103	12,830	4,940	1.310
SP-KD075XP0	SD075XP0	7.500	8.500	7.870	8.130	5,470	3,222	13,680	5,160	1.410
SP-KD080XP0	SD080XP0	8.000	9.000	8.370	8.630	5,810	3,338	14,540	5,370	1.530
SP-KD090XP0	SD090XP0	9.000	10.000	9.370	9.630	6,500	3,561	16,250	5,790	1.720
SP-KD100XP0	SD100XP0	10.000	11.000	10.370	10.630	7,180	3,776	17,960	6,190	1.880
SP-KD110XP0	—	11.000	12.000	11.370	11.630	7,870	3,981	19,670	6,570	2.060
SP-KD120XP0	SD120XP0	12.000	13.000	12.370	12.630	8,550	4,178	21,380	6,950	2.250
SP-KD140XP0	SD140XP0	14.000	15.000	14.370	14.630	9,920	4,551	24,800	7,670	2.730
SP-KD160XP0	SD160XP0	16.000	17.000	16.370	16.630	11,290	4,899	28,220	8,360	3.100
SP-KD180XP0	SD180XP0	18.000	19.000	18.370	18.630	12,650	5,226	31,640	9,030	3.480
SP-KD200XP0	SD200XP0	20.000	21.000	20.370	20.630	14,020	5,534	35,060	9,670	3.850
SP-KD210XP0	—	21.000	22.000	21.370	21.630	14,710	5,682	36,770	9,980	4.040
SP-KD250XP0	SD250XP0	25.000	26.000	25.370	25.630	17,440	6,235	43,610	11,180	4.790
SP-KD300XP0	SD300XP0	30.000	31.000	30.370	30.630	20,860	6,856	52,160	12,600	5.730

SP-KF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KF040XP0	SF040XP0	4.000	5.500	4.555	4.945	5,360	4,665	13,400	6,830	1.900
SP-KF042XP0	SF042XP0	4.250	5.750	4.805	5.195	5,640	4,795	14,110	7,070	2.000
SP-KF045XP0	SF045XP0	4.500	6.000	5.055	5.445	5,930	4,923	14,810	7,300	2.100
SP-KF047XP0	SF047XP0	4.750	6.250	5.305	5.695	6,210	5,048	15,520	7,530	2.200
SP-KF050XP0	SF050XP0	5.000	6.500	5.555	5.945	6,490	5,172	16,220	7,760	2.300
SP-KF055XP0	SF055XP0	5.500	7.000	6.055	6.445	7,050	5,415	17,630	8,200	2.500

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KF060XP0	SF060XP0	6.000	7.500	6.555	6.945	7,620	5,651	19,050	8,630	2.700
SP-KF065XP0	SF065XP0	6.500	8.000	7.055	7.445	8,180	5,880	20,460	9,050	2.900
SP-KF070XP0	SF070XP0	7.000	8.500	7.555	7.945	8,750	6,103	21,870	9,460	3.200
SP-KF075XP0	SF075XP0	7.500	9.000	8.055	8.445	9,310	6,323	23,280	9,870	3.400
SP-KF080XP0	SF080XP0	8.000	9.500	8.555	8.945	9,880	6,535	24,690	10,260	3.500
SP-KF090XP0	SF090XP0	9.000	10.500	9.555	9.945	11,000	6,947	27,510	11,030	3.900
SP-KF100XP0	SF100XP0	10.000	11.500	10.555	10.945	12,130	7,342	30,330	11,770	4.300
SP-KF110XP0	SF110XP0	11.000	12.500	11.555	11.945	13,260	7,721	33,150	12,490	4.800
SP-KF120XP0	SF120XP0	12.000	13.500	12.555	12.945	14,390	8,084	35,970	13,190	5.200
SP-KF140XP0	SF140XP0	14.000	15.500	14.555	14.945	16,650	8,775	41,620	14,530	6.000
SP-KF160XP0	SF160XP0	16.000	17.500	16.555	16.945	18,900	9,421	47,260	15,820	7.100
SP-KF180XP0	SF180XP0	18.000	19.500	18.555	18.945	21,160	10,028	52,900	17,060	7.900
SP-KF200XP0	SF200XP0	20.000	21.500	20.555	20.945	23,420	10,602	58,550	18,250	8.900
SP-KF250XP0	SF250XP0	25.000	26.500	25.555	25.945	29,060	11,909	72,650	21,070	10.9
SP-KF300XP0	SF300XP0	30.000	31.500	30.555	30.945	34,700	13,065	86,760	23,720	13.0
SP-KF350XP0	SF350XP0	35.000	36.500	35.555	35.945	40,350	14,100	100,900	26,220	15.1
SP-KF400XP0	—	40.000	41.500	40.555	40.945	45,990	15,034	115,000	28,620	17.2

SP-KG Series · 1" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-KG040XP0	SG040XP0	4.000	6.000	4.742	5.258	8,210	7,979	20,520	11,260	3.600
SP-KG042XP0	SG042XP0	4.250	6.250	4.992	5.508	8,210	7,917	20,520	11,260	3.800
SP-KG045XP0	SG045XP0	4.500	6.500	5.242	5.758	8,760	8,205	21,890	11,750	4.000
SP-KG047XP0	SG047XP0	4.750	6.750	5.492	6.008	9,300	8,487	23,260	12,230	4.100
SP-KG050XP0	SG050XP0	5.000	7.000	5.742	6.258	9,850	8,762	24,620	12,710	4.300
SP-KG055XP0	SG055XP0	5.500	7.500	6.242	6.758	10,400	8,979	25,990	13,180	4.700
SP-KG060XP0	SG060XP0	6.000	8.000	6.742	7.258	11,490	9,503	28,730	14,090	5.100
SP-KG065XP0	SG065XP0	6.500	8.500	7.242	7.758	12,040	9,713	30,100	14,530	5.400
SP-KG070XP0	SG070XP0	7.000	9.000	7.742	8.258	13,130	10,208	32,830	15,400	5.800
SP-KG075XP0	SG075XP0	7.500	9.500	8.242	8.758	13,680	10,410	34,200	15,820	6.100
SP-KG080XP0	SG080XP0	8.000	10.000	8.742	9.258	14,770	10,882	36,940	16,650	6.500
SP-KG090XP0	SG090XP0	9.000	11.000	9.742	10.258	16,420	11,526	41,040	17,870	7.200
SP-KG100XP0	SG100XP0	10.000	12.000	10.742	11.258	18,060	12,147	45,140	19,040	7.900
SP-KG110XP0	SG110XP0	11.000	13.000	11.742	12.258	19,700	12,739	49,250	20,180	8.600
SP-KG120XP0	SG120XP0	12.000	14.000	12.742	13.258	21,340	13,315	53,350	21,280	9.300
SP-KG140XP0	SG140XP0	14.000	16.000	14.742	15.258	24,620	14,404	61,560	23,410	10.8
SP-KG160XP0	SG160XP0	16.000	18.000	16.742	17.258	27,910	15,425	69,770	25,450	12.3
SP-KG180XP0	SG180XP0	18.000	20.000	18.742	19.258	31,190	16,386	77,980	27,410	13.7
SP-KG200XP0	SG200XP0	20.000	22.000	20.742	21.258	34,470	17,293	86,180	29,300	15.8
SP-KG220XP0	—	22.000	24.000	22.742	23.258	37,760	18,152	94,390	31,130	17.3
SP-KG250XP0	SG250XP0	25.000	27.000	25.742	26.258	42,680	19,360	106,700	33,780	19.5
SP-KG300XP0	SG300XP0	30.000	32.000	30.742	31.258	50,890	21,200	127,200	37,980	23.3
SP-KG350XP0	SG350XP0	35.000	37.000	35.742	36.258	59,100	22,845	147,700	41,970	27.1
SP-KG400XP0	—	40.000	42.000	40.742	41.258	67,310	24,332	168,300	45,770	30.8

SIZE TABLES

Open — Armoloy® Plated

The open series with a thin dense chrome (Armoloy®) plating for corrosion and wear resistance.

Angular Contact (Type A)

SP-NAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NAA10AG0	1.000	1.375	1.140	1.235	1.274	340	194	970	450	0.025
SP-NAA15AG0	1.500	1.875	1.640	1.735	1.774	480	238	1,380	560	0.038
SP-NAA17AG0	1.750	2.125	1.890	1.985	2.024	530	251	1,520	600	0.045

SP-NA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NA020AR0	2.000	2.500	2.186	2.314	2.369	790	405	2,280	960	0.100
SP-NA025AR0	2.500	3.000	2.686	2.814	2.869	960	459	2,780	1,100	0.120
SP-NA030AR0	3.000	3.500	3.186	3.314	3.367	1,140	507	3,290	1,230	0.140
SP-NA035AR0	3.500	4.000	3.686	3.814	3.867	1,310	552	3,790	1,350	0.170
SP-NA040AR0	4.000	4.500	4.186	4.314	4.367	1,490	595	4,300	1,470	0.190
SP-NA042AR0	4.250	4.750	4.436	4.564	4.615	1,580	616	4,550	1,530	0.200
SP-NA045AR0	4.500	5.000	4.686	4.814	4.865	1,660	637	4,810	1,580	0.210
SP-NA047AR0	4.750	5.250	4.936	5.064	5.115	1,750	657	5,060	1,640	0.220
SP-NA050AR0	5.000	5.500	5.186	5.314	5.365	1,840	676	5,310	1,690	0.230
SP-NA055AR0	5.500	6.000	5.686	5.814	5.863	2,020	715	5,820	1,800	0.250
SP-NA060AR0	6.000	6.500	6.186	6.314	6.363	2,190	752	6,320	1,900	0.280
SP-NA065AR0	6.500	7.000	6.686	6.814	6.861	2,370	788	6,830	2,000	0.300
SP-NA070AR0	7.000	7.500	7.186	7.314	7.361	2,540	823	7,340	2,100	0.320
SP-NA075AR0	7.500	8.000	7.686	7.814	7.861	2,720	857	7,840	2,190	0.340
SP-NA080AR0	8.000	8.500	8.186	8.314	8.359	2,890	890	8,350	2,280	0.360
SP-NA090AR0	9.000	9.500	9.186	9.314	9.357	3,240	954	9,360	2,470	0.410
SP-NA100AR0	10.000	10.500	10.186	10.314	10.355	3,590	1,014	10,370	2,640	0.450
SP-NA110AR0	11.000	11.500	11.186	11.314	11.353	3,940	1,072	11,380	2,810	0.500
SP-NA120AR0	12.000	12.500	12.186	12.314	12.349	4,290	1,128	12,390	2,970	0.540

SP-NB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NB020AR0	2.000	2.625	2.231	2.393	2.464	1,090	601	3,150	1,380	0.150
SP-NB025AR0	2.500	3.125	2.731	2.893	2.964	1,340	675	3,860	1,590	0.190
SP-NB030AR0	3.000	3.625	3.231	3.393	3.462	1,550	734	4,470	1,750	0.220
SP-NB035AR0	3.500	4.125	3.731	3.893	3.962	1,790	801	5,180	1,930	0.270
SP-NB040AR0	4.000	4.625	4.231	4.393	4.460	2,040	865	5,890	2,100	0.300
SP-NB042AR0	4.250	4.875	4.481	4.643	4.710	2,150	891	6,200	2,170	0.310
SP-NB045AR0	4.500	5.125	4.731	4.893	4.960	2,250	917	6,500	2,240	0.340
SP-NB047AR0	4.750	5.375	4.981	5.143	5.210	2,390	951	6,910	2,340	0.350
SP-NB050AR0	5.000	5.625	5.231	5.393	5.460	2,500	976	7,210	2,410	0.370
SP-NB055AR0	5.500	6.125	5.731	5.893	5.958	2,740	1,033	7,920	2,560	0.400
SP-NB060AR0	6.000	6.625	6.231	6.393	6.458	2,990	1,088	8,630	2,710	0.440
SP-NB065AR0	6.500	7.125	6.731	6.893	6.958	3,200	1,132	9,240	2,840	0.470
SP-NB070AR0	7.000	7.625	7.231	7.393	7.456	3,450	1,184	9,960	2,980	0.500
SP-NB075AR0	7.500	8.125	7.731	7.893	7.955	3,700	1,235	10,670	3,120	0.540
SP-NB080AR0	8.000	8.625	8.231	8.393	8.453	3,940	1,284	11,380	3,260	0.570
SP-NB090AR0	9.000	9.625	9.231	9.393	9.451	4,400	1,370	12,700	3,510	0.640
SP-NB100AR0	10.000	10.625	10.231	10.393	10.449	4,890	1,461	14,120	3,760	0.710
SP-NB110AR0	11.000	11.625	11.231	11.393	11.447	5,350	1,540	15,440	4,000	0.780

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NB120AR0	12.000	12.625	12.231	12.393	12.445	5,840	1,623	16,860	4,240	0.850
SP-NB140AR0	14.000	14.625	14.231	14.393	14.439	6,760	1,767	19,500	4,670	0.980
SP-NB160AR0	16.000	16.625	16.231	16.393	16.433	7,710	1,907	22,250	5,100	1.120
SP-NB180AR0	18.000	18.625	18.231	18.393	18.425	8,660	2,038	24,990	5,510	1.260
SP-NB200AR0	20.000	20.625	20.231	20.393	20.416	9,610	2,162	27,730	5,900	1.400

SP-NC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NC040AR0	4.000	4.750	4.277	4.473	4.554	2,550	1,153	7,360	2,770	0.440
SP-NC042AR0	4.250	5.000	4.527	4.723	4.804	2,710	1,194	7,820	2,880	0.460
SP-NC045AR0	4.500	5.250	4.777	4.973	5.052	2,860	1,234	8,270	2,990	0.490
SP-NC047AR0	4.750	5.500	5.027	5.223	5.302	3,020	1,274	8,720	3,100	0.510
SP-NC050AR0	5.000	5.750	5.277	5.473	5.552	3,180	1,313	9,170	3,200	0.540
SP-NC055AR0	5.500	6.250	5.777	5.973	6.052	3,440	1,374	9,920	3,370	0.580
SP-NC060AR0	6.000	6.750	6.277	6.473	6.550	3,750	1,448	10,820	3,580	0.640
SP-NC065AR0	6.500	7.250	6.777	6.973	7.050	4,060	1,519	11,720	3,770	0.680
SP-NC070AR0	7.000	7.750	7.277	7.473	7.550	4,320	1,575	12,470	3,930	0.740
SP-NC075AR0	7.500	8.250	7.777	7.973	8.048	4,630	1,642	13,380	4,120	0.780
SP-NC080AR0	8.000	8.750	8.277	8.473	8.548	4,950	1,708	14,280	4,300	0.840
SP-NC090AR0	9.000	9.750	9.277	9.473	9.546	5,520	1,822	15,930	4,630	0.980
SP-NC100AR0	10.000	10.750	10.277	10.473	10.544	6,140	1,942	17,730	4,970	1.040
SP-NC110AR0	11.000	11.750	11.277	11.473	11.542	6,720	2,047	19,390	5,280	1.140
SP-NC120AR0	12.000	12.750	12.277	12.473	12.540	7,290	2,147	21,040	5,570	1.230
SP-NC140AR0	14.000	14.750	14.277	14.473	14.535	8,490	2,347	24,500	6,170	1.430
SP-NC160AR0	16.000	16.750	16.277	16.473	16.529	9,680	2,533	27,950	6,730	1.630
SP-NC180AR0	18.000	18.750	18.277	18.473	18.523	10,880	2,707	31,410	7,280	1.830
SP-NC200AR0	20.000	20.750	20.277	20.473	20.517	12,030	2,863	34,720	7,780	2.030
SP-NC250AR0	25.000	25.750	25.277	25.473	25.500	14,900	3,233	43,280	9,010	2.520
SP-NC300AR0	30.000	30.750	30.277	30.473	30.484	17,960	3,561	51,850	10,160	3.020

SP-ND Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-ND040AR0	4.000	5.000	4.370	4.630	4.741	3,550	1,819	10,260	4,260	0.800
SP-ND042AR0	4.250	5.250	4.620	4.880	4.991	3,750	1,876	10,830	4,420	0.840
SP-ND045AR0	4.500	5.500	4.870	5.130	5.241	3,950	1,931	11,400	4,570	0.880
SP-ND047AR0	4.750	5.750	5.120	5.380	5.490	4,150	1,986	11,970	4,720	0.930
SP-ND050AR0	5.000	6.000	5.370	5.630	5.740	4,340	2,040	12,540	4,870	0.980
SP-ND055AR0	5.500	6.500	5.870	6.130	6.238	4,740	2,145	13,680	5,160	1.060
SP-ND060AR0	6.000	7.000	6.370	6.630	6.738	5,130	2,247	14,820	5,440	1.150
SP-ND065AR0	6.500	7.500	6.870	7.130	7.236	5,530	2,346	15,960	5,720	1.240
SP-ND070AR0	7.000	8.000	7.370	7.630	7.736	5,920	2,442	17,100	5,990	1.330
SP-ND075AR0	7.500	8.500	7.870	8.130	8.236	6,320	2,536	18,240	6,250	1.420
SP-ND080AR0	8.000	9.000	8.370	8.630	8.734	6,710	2,627	19,380	6,510	1.520
SP-ND090AR0	9.000	10.000	9.370	9.630	9.732	7,500	2,803	21,660	7,010	1.690
SP-ND100AR0	10.000	11.000	10.370	10.630	10.732	8,290	2,972	23,940	7,500	1.870
SP-ND110AR0	11.000	12.000	11.370	11.630	11.730	9,080	3,133	26,220	7,960	2.050
SP-ND120AR0	12.000	13.000	12.370	12.630	12.728	9,870	3,288	28,500	8,420	2.230
SP-ND140AR0	14.000	15.000	14.370	14.630	14.724	11,450	3,582	33,060	9,290	2.570
SP-ND160AR0	16.000	17.000	16.370	16.630	16.718	13,030	3,856	37,620	10,130	2.930
SP-ND180AR0	18.000	19.000	18.370	18.630	18.712	14,610	4,113	42,180	10,930	3.290
SP-ND200AR0	20.000	21.000	20.370	20.630	20.705	16,190	4,356	46,740	11,710	3.650
SP-ND210AR0	21.000	22.000	21.370	21.630	21.700	16,981	4,472	49,020	12,086	3.830
SP-ND250AR0	25.000	26.000	25.370	25.630	25.688	20,140	4,908	58,140	13,540	4.540
SP-ND300AR0	30.000	31.000	30.370	30.630	30.672	24,090	5,397	69,540	15,260	5.440

SP-NF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NF040AR0	4.000	5.500	4.555	4.945	5.115	6,350	3,736	18,340	8,420	1.920
SP-NF042AR0	4.250	5.750	4.805	5.195	5.365	6,600	3,805	19,050	8,630	2.040
SP-NF045AR0	4.500	6.000	5.060	5.445	5.615	7,090	3,966	20,460	9,050	2.140
SP-NF047AR0	4.750	6.250	5.305	5.695	5.865	7,330	4,034	21,160	9,260	2.260
SP-NF050AR0	5.000	6.500	5.555	5.945	6.115	7,570	4,101	21,870	9,460	2.370
SP-NF055AR0	5.500	7.000	6.055	6.445	6.613	8,310	4,319	23,980	10,060	2.590
SP-NF060AR0	6.000	7.500	6.555	6.945	7.113	9,040	4,530	26,100	10,650	2.720
SP-NF065AR0	6.500	8.000	7.055	7.445	7.613	9,770	4,734	28,220	11,220	2.940
SP-NF070AR0	7.000	8.500	7.555	7.945	8.113	10,510	4,932	30,330	11,770	3.160
SP-NF075AR0	7.500	9.000	8.055	8.445	8.610	11,000	5,052	31,740	12,130	3.390
SP-NF080AR0	8.000	9.500	8.555	8.945	9.110	11,730	5,242	33,860	12,670	3.610
SP-NF090AR0	9.000	10.500	9.555	9.945	10.108	13,190	5,608	38,090	13,700	3.950
SP-NF100AR0	10.000	11.500	10.555	10.945	11.106	14,420	5,890	41,620	14,530	4.400
SP-NF110AR0	11.000	12.500	11.555	11.945	12.106	15,880	6,227	45,850	15,500	4.750
SP-NF120AR0	12.000	13.500	12.555	12.945	13.104	17,100	6,487	49,380	16,290	5.200
SP-NF140AR0	14.000	15.500	14.555	14.945	15.102	19,790	7,043	57,140	17,950	5.760
SP-NF160AR0	16.000	17.500	16.555	16.945	17.098	22,480	7,563	64,890	19,540	6.780
SP-NF180AR0	18.000	19.500	18.555	18.945	19.096	25,410	8,103	73,360	21,210	7.670
SP-NF200AR0	20.000	21.500	20.555	20.945	21.092	28,100	8,562	81,120	22,680	8.470
SP-NF250AR0	25.000	26.500	25.555	25.945	26.085	34,700	9,585	100,200	26,100	10.5
SP-NF300AR0	30.000	31.500	30.555	30.945	31.075	41,540	10,533	119,900	29,430	12.5
SP-NF350AR0	35.000	36.500	35.555	35.945	36.064	48,380	11,382	139,700	32,580	14.6
SP-NF400AR0	40.000	41.500	40.555	40.945	41.054	55,220	12,147	159,400	35,580	16.6

SP-NG Series · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NG040AR0	4.000	6.000	4.742	5.258	5.491	9,480	6,281	27,360	13,630	3.610
SP-NG042AR0	4.250	6.250	4.992	5.508	5.741	9,950	6,438	28,730	14,090	3.830
SP-NG045AR0	4.500	6.500	5.242	5.758	5.989	10,430	6,562	30,100	14,530	3.950
SP-NG047AR0	4.750	6.750	5.492	6.008	6.239	10,900	6,745	31,460	14,970	4.170
SP-NG050AR0	5.000	7.000	5.742	6.258	6.489	11,370	6,897	32,830	15,400	4.420
SP-NG055AR0	5.500	7.500	6.242	6.758	6.989	12,320	7,192	35,570	16,240	4.730
SP-NG060AR0	6.000	8.000	6.742	7.258	7.489	13,270	7,480	38,300	17,060	5.070
SP-NG065AR0	6.500	8.500	7.242	7.758	7.987	14,220	7,761	41,040	17,870	5.410
SP-NG070AR0	7.000	9.000	7.742	8.258	8.487	15,160	8,035	43,780	18,650	5.870
SP-NG075AR0	7.500	9.500	8.242	8.758	8.987	16,110	8,303	46,510	19,420	6.200
SP-NG080AR0	8.000	10.000	8.742	9.258	9.485	17,060	8,566	49,250	20,180	6.540
SP-NG090AR0	9.000	11.000	9.742	10.258	10.485	18,960	9,073	54,720	21,640	7.220
SP-NG100AR0	10.000	12.000	10.742	11.258	11.483	20,850	9,561	60,190	23,060	8.000
SP-NG110AR0	11.000	13.000	11.742	12.258	12.481	22,750	10,027	65,660	24,440	8.680
SP-NG120AR0	12.000	14.000	12.742	13.258	13.481	24,640	10,481	71,140	25,780	9.470
SP-NG140AR0	14.000	16.000	14.742	15.258	15.478	28,430	11,338	82,080	28,360	10.9
SP-NG160AR0	16.000	18.000	16.742	17.258	17.474	32,220	12,142	93,020	30,830	12.4
SP-NG180AR0	18.000	20.000	18.742	19.258	19.472	36,020	12,898	104,000	33,200	13.8
SP-NG200AR0	20.000	22.000	20.742	21.258	21.468	39,810	13,612	114,900	35,490	15.2
SP-NG220AR0	22.000	24.000	22.742	23.258	23.468	43,598	14,290	125,856	37,712	16.6
SP-NG250AR0	25.000	27.000	25.742	26.258	26.461	49,280	15,239	142,300	40,920	18.8
SP-NG300AR0	30.000	32.000	30.742	31.258	31.451	58,760	16,687	169,600	46,020	22.5
SP-NG350AR0	35.000	37.000	35.742	36.258	36.440	68,240	17,982	197,000	50,840	26.2
SP-NG400AR0	40.000	42.000	40.472	41.258	41.430	77,720	19,153	224,400	55,440	29.8

Radial Contact (Type C)

SP-NAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-NAA10CL0	1.000	1.375	1.140	1.235	290	188	0.026
SP-NAA15CL0	1.500	1.875	1.640	1.735	400	225	0.039
SP-NAA17CL0	1.750	2.125	1.890	1.985	460	242	0.045

SP-NA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-NA020CP0	2.000	2.500	2.186	2.314	680	393	0.100
SP-NA025CP0	2.500	3.000	2.686	2.814	830	442	0.130
SP-NA030CP0	3.000	3.500	3.186	3.314	990	487	0.150
SP-NA035CP0	3.500	4.000	3.686	3.814	1,140	530	0.180
SP-NA040CP0	4.000	4.500	4.186	4.314	1,290	571	0.190
SP-NA042CP0	4.250	4.750	4.436	4.564	1,370	591	0.200
SP-NA045CP0	4.500	5.000	4.686	4.814	1,440	610	0.220
SP-NA047CP0	4.750	5.250	4.936	5.064	1,520	629	0.230
SP-NA050CP0	5.000	5.500	5.186	5.314	1,590	648	0.240
SP-NA055CP0	5.500	6.000	5.686	5.814	1,750	685	0.250
SP-NA060CP0	6.000	6.500	6.186	6.314	1,900	720	0.280
SP-NA065CP0	6.500	7.000	6.686	6.814	2,050	754	0.300
SP-NA070CP0	7.000	7.500	7.186	7.314	2,200	787	0.310
SP-NA075CP0	7.500	8.000	7.686	7.814	2,350	820	0.340
SP-NA080CP0	8.000	8.500	8.186	8.314	2,500	851	0.380
SP-NA090CP0	9.000	9.500	9.186	9.314	2,810	912	0.440
SP-NA100CP0	10.000	10.500	10.186	10.314	3,110	969	0.500
SP-NA110CP0	11.000	11.500	11.186	11.314	3,410	1,025	0.520
SP-NA120CP0	12.000	12.500	12.186	12.314	3,720	1,078	0.560

SP-NB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-NB020CP0	2.000	2.625	2.231	2.393	930	577	0.160
SP-NB025CP0	2.500	3.125	2.731	2.893	1,140	644	0.200
SP-NB030CP0	3.000	3.625	3.231	3.393	1,340	707	0.240
SP-NB035CP0	3.500	4.125	3.731	3.893	1,540	767	0.270
SP-NB040CP0	4.000	4.625	4.231	4.393	1,750	825	0.300
SP-NB042CP0	4.250	4.875	4.481	4.643	1,830	846	0.310
SP-NB045CP0	4.500	5.125	4.731	4.893	1,950	880	0.330
SP-NB047CP0	4.750	5.375	4.981	5.143	2,030	901	0.340
SP-NB050CP0	5.000	5.625	5.231	5.393	2,150	933	0.380
SP-NB055CP0	5.500	6.125	5.731	5.893	2,360	984	0.410
SP-NB060CP0	6.000	6.625	6.231	6.393	2,560	1,034	0.440
SP-NB065CP0	6.500	7.125	6.731	6.893	2,760	1,082	0.470
SP-NB070CP0	7.000	7.625	7.231	7.393	2,970	1,129	0.500
SP-NB075CP0	7.500	8.125	7.731	7.893	3,170	1,175	0.530
SP-NB080CP0	8.000	8.625	8.231	8.393	3,370	1,219	0.570
SP-NB090CP0	9.000	9.625	9.231	9.393	3,780	1,304	0.660
SP-NB100CP0	10.000	10.625	10.231	10.393	4,190	1,386	0.730
SP-NB110CP0	11.000	11.625	11.231	11.393	4,590	1,464	0.750
SP-NB120CP0	12.000	12.625	12.231	12.393	5,000	1,539	0.830
SP-NB140CP0	14.000	14.625	14.231	14.393	5,810	1,680	1.050
SP-NB160CP0	16.000	16.625	16.231	16.393	6,620	1,812	1.200
SP-NB180CP0	18.000	18.625	18.231	18.393	7,440	1,936	1.350
SP-NB200CP0	20.000	20.625	20.231	20.393	8,250	2,053	1.500

SP-NC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-NC040CP0	4.000	4.750	4.277	4.473	2,100	1,073	0.450
SP-NC042CP0	4.250	5.000	4.527	4.723	2,220	1,108	0.470
SP-NC045CP0	4.500	5.250	4.777	4.973	2,340	1,143	0.480
SP-NC047CP0	4.750	5.500	5.027	5.223	2,460	1,176	0.500
SP-NC050CP0	5.000	5.750	5.277	5.473	2,590	1,209	0.580
SP-NC055CP0	5.500	6.250	5.777	5.973	2,830	1,274	0.590
SP-NC060CP0	6.000	6.750	6.277	6.473	3,070	1,337	0.630
SP-NC065CP0	6.500	7.250	6.777	6.973	3,310	1,397	0.680
SP-NC070CP0	7.000	7.750	7.277	7.473	3,550	1,457	0.730
SP-NC075CP0	7.500	8.250	7.777	7.973	3,790	1,514	0.780
SP-NC080CP0	8.000	8.750	8.277	8.473	4,030	1,570	0.840
SP-NC090CP0	9.000	9.750	9.277	9.473	4,510	1,678	0.940
SP-NC100CP0	10.000	10.750	10.277	10.473	4,990	1,781	1.060
SP-NC110CP0	11.000	11.750	11.277	11.473	5,470	1,879	1.160
SP-NC120CP0	12.000	12.750	12.277	12.473	5,950	1,974	1.250
SP-NC140CP0	14.000	14.750	14.277	14.473	6,910	2,154	1.520
SP-NC160CP0	16.000	16.750	16.277	16.473	7,880	2,321	1.730
SP-NC180CP0	18.000	18.750	18.277	18.473	8,840	2,478	1.940
SP-NC200CP0	20.000	20.750	20.277	20.473	9,800	2,626	2.160
SP-NC250CP0	25.000	25.750	25.277	25.473	12,200	2,962	2.690
SP-NC300CP0	30.000	30.750	30.277	30.473	14,610	3,260	3.210

SP-ND Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-ND040CP0	4.000	5.000	4.370	4.630	3,080	1,755	0.780
SP-ND042CP0	4.250	5.250	4.620	4.880	3,190	1,787	0.830
SP-ND045CP0	4.500	5.500	4.870	5.130	3,420	1,861	0.880
SP-ND047CP0	4.750	5.750	5.120	5.380	3,530	1,892	0.940
SP-ND050CP0	5.000	6.000	5.370	5.630	3,760	1,964	1.000
SP-ND055CP0	5.500	6.500	5.870	6.130	4,100	2,063	1.060
SP-ND060CP0	6.000	7.000	6.370	6.630	4,450	2,160	1.160
SP-ND065CP0	6.500	7.500	6.870	7.130	4,790	2,254	1.220
SP-ND070CP0	7.000	8.000	7.370	7.630	5,130	2,345	1.310
SP-ND075CP0	7.500	8.500	7.870	8.130	5,470	2,434	1.410
SP-ND080CP0	8.000	9.000	8.370	8.630	5,810	2,520	1.530
SP-ND090CP0	9.000	10.000	9.370	9.630	6,500	2,688	1.720
SP-ND100CP0	10.000	11.000	10.370	10.630	7,180	2,847	1.880
SP-ND110CP0	11.000	12.000	11.370	11.630	7,870	3,000	2.060
SP-ND120CP0	12.000	13.000	12.370	12.630	8,550	3,148	2.250
SP-ND140CP0	14.000	15.000	14.370	14.630	9,920	3,427	2.730
SP-ND160CP0	16.000	17.000	16.370	16.630	11,290	3,688	3.100
SP-ND180CP0	18.000	19.000	18.370	18.630	12,650	3,933	3.480
SP-ND200CP0	20.000	21.000	20.370	20.630	14,020	4,164	3.850
SP-ND210CP0	21.000	22.000	21.370	21.630	14,706	4,274	4.040
SP-ND250CP0	25.000	26.000	25.370	25.630	17,440	4,689	4.790
SP-ND300CP0	30.000	31.000	30.370	30.630	20,860	5,153	5.730

SP-NF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-NF040CP0	4.000	5.500	4.555	4.945	5,360	3,559	1.900
SP-NF042CP0	4.250	5.750	4.805	5.195	5,640	3,655	2.000
SP-NF045CP0	4.500	6.000	5.055	5.445	5,930	3,750	2.100
SP-NF047CP0	4.750	6.250	5.305	5.695	6,210	3,843	2.200
SP-NF050CP0	5.000	6.500	5.555	5.945	6,490	3,936	2.300
SP-NF055CP0	5.500	7.000	6.055	6.445	7,050	4,116	2.500

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-NF060CP0	6.000	7.500	6.555	6.945	7,620	4,291	2.700
SP-NF065CP0	6.500	8.000	7.055	7.445	8,180	4,461	2.900
SP-NF070CP0	7.000	8.500	7.555	7.945	8,750	4,628	3.200
SP-NF075CP0	7.500	9.000	8.055	8.445	9,310	4,791	3.400
SP-NF080CP0	8.000	9.500	8.555	8.945	9,880	4,949	3.500
SP-NF090CP0	9.000	10.500	9.555	9.945	11,000	5,256	3.900
SP-NF100CP0	10.000	11.500	10.555	10.945	12,130	5,550	4.300
SP-NF110CP0	11.000	12.500	11.555	11.945	13,260	5,833	4.800
SP-NF120CP0	12.000	13.500	12.555	12.945	14,390	6,105	5.200
SP-NF140CP0	14.000	15.500	14.555	14.945	16,650	6,620	6.000
SP-NF160CP0	16.000	17.500	16.555	16.945	18,900	7,104	7.100
SP-NF180CP0	18.000	19.500	18.555	18.945	21,160	7,557	7.900
SP-NF200CP0	20.000	21.500	20.555	20.945	23,420	7,986	8.900
SP-NF250CP0	25.000	26.500	25.555	25.945	29,060	8,963	10.9
SP-NF300CP0	30.000	31.500	30.555	30.945	34,700	9,828	13.0
SP-NF350CP0	35.000	36.500	35.555	35.945	40,350	10,603	15.1
SP-NF400CP0	40.000	41.500	40.555	40.945	45,990	11,302	17.2

SP-NG Series · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-NG040CP0	4.000	6.000	4.742	5.258	8,210	6,115	3.600
SP-NG042CP0	4.250	6.250	4.992	5.508	8,210	6,061	3.800
SP-NG045CP0	4.500	6.500	5.242	5.758	8,760	6,277	4.000
SP-NG047CP0	4.750	6.750	5.492	6.008	9,300	6,487	4.100
SP-NG050CP0	5.000	7.000	5.742	6.258	9,850	6,691	4.300
SP-NG055CP0	5.500	7.500	6.242	6.758	10,400	6,850	4.700
SP-NG060CP0	6.000	8.000	6.742	7.258	11,490	7,241	5.100
SP-NG065CP0	6.500	8.500	7.242	7.758	12,040	7,393	5.400
SP-NG070CP0	7.000	9.000	7.742	8.258	13,130	7,764	5.800
SP-NG075CP0	7.500	9.500	8.242	8.758	13,680	7,911	6.100
SP-NG080CP0	8.000	10.000	8.742	9.258	14,770	8,265	6.500
SP-NG090CP0	9.000	11.000	9.742	10.258	16,420	8,743	7.200
SP-NG100CP0	10.000	12.000	10.742	11.258	18,060	9,204	7.900
SP-NG110CP0	11.000	13.000	11.742	12.258	19,700	9,648	8.600
SP-NG120CP0	12.000	14.000	12.742	13.258	21,340	10,074	9.300
SP-NG140CP0	14.000	16.000	14.742	15.258	24,620	10,886	10.8
SP-NG160CP0	16.000	18.000	16.742	17.258	27,910	11,648	12.3
SP-NG180CP0	18.000	20.000	18.742	19.258	31,190	12,367	13.7
SP-NG200CP0	20.000	22.000	20.742	21.258	34,470	13,044	15.8
SP-NG220CP0	22.000	24.000	22.742	23.258	37,757	13,685	16.8
SP-NG250CP0	25.000	27.000	25.742	26.258	42,680	14,591	19.5
SP-NG300CP0	30.000	32.000	30.742	31.258	50,890	15,963	23.3
SP-NG350CP0	35.000	37.000	35.742	36.258	59,100	17,195	27.1
SP-NG400CP0	40.000	42.000	40.742	41.258	67,310	18,307	30.8

Four-Point Contact (Type X)

SP-NAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NAA10XL0	1.000	1.375	1.140	1.235	290	247	730	370	0.026
SP-NAA15XL0	1.500	1.875	1.640	1.735	400	296	1,000	460	0.039
SP-NAA17XL0	1.750	2.125	1.890	1.985	460	319	1,140	500	0.045

SP-NA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NA020XP0	2.000	2.500	2.186	2.314	680	514	1,710	790	0.100
SP-NA025XP0	2.500	3.000	2.686	2.814	830	583	2,090	910	0.130
SP-NA030XP0	3.000	3.500	3.186	3.314	990	643	2,470	1,010	0.150
SP-NA035XP0	3.500	4.000	3.686	3.814	1,140	701	2,850	1,110	0.180
SP-NA040XP0	4.000	4.500	4.186	4.314	1,290	756	3,220	1,210	0.190
SP-NA042XP0	4.250	4.750	4.436	4.564	1,370	783	3,410	1,260	0.200
SP-NA045XP0	4.500	5.000	4.686	4.814	1,440	809	3,600	1,310	0.220
SP-NA047XP0	4.750	5.250	4.936	5.064	1,520	834	3,790	1,350	0.230
SP-NA050XP0	5.000	5.500	5.186	5.314	1,590	859	3,980	1,400	0.240
SP-NA055XP0	5.500	6.000	5.686	5.814	1,750	908	4,360	1,480	0.250
SP-NA060XP0	6.000	6.500	6.186	6.314	1,900	955	4,740	1,570	0.280
SP-NA065XP0	6.500	7.000	6.686	6.814	2,050	1,001	5,120	1,650	0.300
SP-NA070XP0	7.000	7.500	7.186	7.314	2,200	1,046	5,500	1,730	0.310
SP-NA075XP0	7.500	8.000	7.686	7.814	2,350	1,089	5,880	1,810	0.340
SP-NA080XP0	8.000	8.500	8.186	8.314	2,500	1,131	6,260	1,890	0.380
SP-NA090XP0	9.000	9.500	9.186	9.314	2,810	1,212	7,020	2,040	0.440
SP-NA100XP0	10.000	10.500	10.186	10.314	3,110	1,289	7,780	2,180	0.500
SP-NA110XP0	11.000	11.500	11.186	11.314	3,410	1,362	8,540	2,320	0.520
SP-NA120XP0	12.000	12.500	12.186	12.314	3,720	1,433	9,300	2,450	0.560

SP-NB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NB020XP0	2.000	2.625	2.231	2.393	930	758	2,340	1,130	0.160
SP-NB025XP0	2.500	3.125	2.731	2.893	1,140	848	2,840	1,290	0.190
SP-NB030XP0	3.000	3.625	3.231	3.393	1,340	933	3,350	1,440	0.240
SP-NB035XP0	3.500	4.125	3.731	3.893	1,540	1,014	3,860	1,590	0.270
SP-NB040XP0	4.000	4.625	4.231	4.393	1,750	1,091	4,370	1,720	0.300
SP-NB042XP0	4.250	4.875	4.481	4.643	1,830	1,120	4,570	1,780	0.310
SP-NB045XP0	4.500	5.125	4.731	4.893	1,950	1,165	4,880	1,850	0.330
SP-NB047XP0	4.750	5.375	4.981	5.143	2,030	1,193	5,080	1,900	0.340
SP-NB050XP0	5.000	5.625	5.231	5.393	2,150	1,236	5,380	1,980	0.380
SP-NB055XP0	5.500	6.125	5.731	5.893	2,360	1,304	5,890	2,100	0.410
SP-NB060XP0	6.000	6.625	6.231	6.393	2,560	1,371	6,400	2,220	0.440
SP-NB065XP0	6.500	7.125	6.731	6.893	2,760	1,435	6,910	2,340	0.470
SP-NB070XP0	7.000	7.625	7.231	7.393	2,970	1,498	7,420	2,450	0.500
SP-NB075XP0	7.500	8.125	7.731	7.893	3,170	1,559	7,920	2,560	0.530
SP-NB080XP0	8.000	8.625	8.231	8.393	3,370	1,618	8,430	2,670	0.570
SP-NB090XP0	9.000	9.625	9.231	9.393	3,780	1,732	9,450	2,880	0.660
SP-NB100XP0	10.000	10.625	10.231	10.393	4,190	1,841	10,460	3,080	0.730
SP-NB110XP0	11.000	11.625	11.231	11.393	4,590	1,945	11,480	3,280	0.750
SP-NB120XP0	12.000	12.625	12.231	12.393	5,000	2,045	12,500	3,470	0.830
SP-NB140XP0	14.000	14.625	14.231	14.393	5,810	2,234	14,530	3,840	1.050
SP-NB160XP0	16.000	16.625	16.231	16.393	6,620	2,410	16,560	4,190	1.200
SP-NB180XP0	18.000	18.625	18.231	18.393	7,440	2,576	18,590	4,520	1.350
SP-NB200XP0	20.000	20.625	20.231	20.393	8,250	2,731	20,620	4,850	1.500

SP-NC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NC040XP0	4.000	4.750	4.277	4.473	2,100	1,417	5,260	2,210	0.450
SP-NC042XP0	4.250	5.000	4.527	4.723	2,220	1,464	5,560	2,290	0.470
SP-NC045XP0	4.500	5.250	4.777	4.973	2,340	1,510	5,860	2,380	0.480
SP-NC047XP0	4.750	5.500	5.027	5.223	2,460	1,556	6,160	2,460	0.500
SP-NC050XP0	5.000	5.750	5.277	5.473	2,590	1,600	6,460	2,540	0.580
SP-NC055XP0	5.500	6.250	5.777	5.973	2,830	1,687	7,060	2,690	0.590
SP-NC060XP0	6.000	6.750	6.277	6.473	3,070	1,770	7,660	2,840	0.630
SP-NC065XP0	6.500	7.250	6.777	6.973	3,310	1,851	8,270	2,990	0.680
SP-NC070XP0	7.000	7.750	7.277	7.473	3,550	1,931	8,870	3,130	0.730
SP-NC075XP0	7.500	8.250	7.777	7.973	3,790	2,007	9,470	3,270	0.780
SP-NC080XP0	8.000	8.750	8.277	8.473	4,030	2,082	10,070	3,410	0.840
SP-NC090XP0	9.000	9.750	9.277	9.473	4,510	2,226	11,270	3,670	0.940
SP-NC100XP0	10.000	10.750	10.277	10.473	4,990	2,364	12,470	3,930	1.060
SP-NC110XP0	11.000	11.750	11.277	11.473	5,470	2,496	13,680	4,180	1.160
SP-NC120XP0	12.000	12.750	12.277	12.473	5,950	2,622	14,880	4,420	1.250
SP-NC140XP0	14.000	14.750	14.277	14.473	6,910	2,862	17,280	4,890	1.520
SP-NC160XP0	16.000	16.750	16.277	16.473	7,880	3,086	19,690	5,330	1.730
SP-NC180XP0	18.000	18.750	18.277	18.473	8,840	3,295	22,090	5,760	1.940
SP-NC200XP0	20.000	20.750	20.277	20.473	9,800	3,492	24,500	6,170	2.160
SP-NC250XP0	25.000	25.750	25.277	25.473	12,200	3,941	30,510	7,140	2.690
SP-NC300XP0	30.000	30.750	30.277	30.473	14,610	4,338	36,520	8,050	3.210

SP-ND Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-ND040XP0	4.000	5.000	4.370	4.630	3,080	2,311	7,700	3,520	0.780
SP-ND042XP0	4.250	5.250	4.620	4.880	3,190	2,355	7,980	3,600	0.830
SP-ND045XP0	4.500	5.500	4.870	5.130	3,420	2,454	8,550	3,770	0.880
SP-ND047XP0	4.750	5.750	5.120	5.380	3,530	2,496	8,840	3,860	0.940
SP-ND050XP0	5.000	6.000	5.370	5.630	3,760	2,592	9,410	4,020	1.000
SP-ND055XP0	5.500	6.500	5.870	6.130	4,100	2,725	10,260	4,260	1.060
SP-ND060XP0	6.000	7.000	6.370	6.630	4,450	2,855	11,120	4,490	1.160
SP-ND065XP0	6.500	7.500	6.870	7.130	4,790	2,980	11,970	4,720	1.220
SP-ND070XP0	7.000	8.000	7.370	7.630	5,130	3,103	12,830	4,940	1.310
SP-ND075XP0	7.500	8.500	7.870	8.130	5,470	3,222	13,680	5,160	1.410
SP-ND080XP0	8.000	9.000	8.370	8.630	5,810	3,338	14,540	5,370	1.530
SP-ND090XP0	9.000	10.000	9.370	9.630	6,500	3,561	16,250	5,790	1.720
SP-ND100XP0	10.000	11.000	10.370	10.630	7,180	3,776	17,960	6,190	1.880
SP-ND110XP0	11.000	12.000	11.370	11.630	7,870	3,981	19,670	6,570	2.060
SP-ND120XP0	12.000	13.000	12.370	12.630	8,550	4,178	21,380	6,950	2.250
SP-ND140XP0	14.000	15.000	14.370	14.630	9,920	4,551	24,800	7,670	2.730
SP-ND160XP0	16.000	17.000	16.370	16.630	11,290	4,899	28,220	8,360	3.100
SP-ND180XP0	18.000	19.000	18.370	18.630	12,650	5,226	31,640	9,030	3.480
SP-ND200XP0	20.000	21.000	20.370	20.630	14,020	5,534	35,060	9,670	3.850
SP-ND210XP0	21.000	22.000	21.370	21.630	14,710	5,682	36,770	9,980	4.040
SP-ND250XP0	25.000	26.000	25.370	25.630	17,440	6,235	43,610	11,180	4.790
SP-ND300XP0	30.000	31.000	30.370	30.630	20,860	6,856	52,160	12,600	5.730

SP-NF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NF040XP0	4.000	5.500	4.555	4.945	5,360	4,665	13,400	6,830	1.900
SP-NF042XP0	4.250	5.750	4.805	5.195	5,640	4,795	14,110	7,070	2.000
SP-NF045XP0	4.500	6.000	5.055	5.445	5,930	4,923	14,810	7,300	2.100
SP-NF047XP0	4.750	6.250	5.305	5.695	6,210	5,048	15,520	7,530	2.200
SP-NF050XP0	5.000	6.500	5.555	5.945	6,490	5,172	16,220	7,760	2.300
SP-NF055XP0	5.500	7.000	6.055	6.445	7,050	5,415	17,630	8,200	2.500

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NF060XP0	6.000	7.500	6.555	6.945	7,620	5,651	19,050	8,630	2.700
SP-NF065XP0	6.500	8.000	7.055	7.445	8,180	5,880	20,460	9,050	2.900
SP-NF070XP0	7.000	8.500	7.555	7.945	8,750	6,103	21,870	9,460	3.200
SP-NF075XP0	7.500	9.000	8.055	8.445	9,310	6,323	23,280	9,870	3.400
SP-NF080XP0	8.000	9.500	8.555	8.945	9,880	6,535	24,690	10,260	3.500
SP-NF090XP0	9.000	10.500	9.555	9.945	11,000	6,947	27,510	11,030	3.900
SP-NF100XP0	10.000	11.500	10.555	10.945	12,130	7,342	30,330	11,770	4.300
SP-NF110XP0	11.000	12.500	11.555	11.945	13,260	7,721	33,150	12,490	4.800
SP-NF120XP0	12.000	13.500	12.555	12.945	14,390	8,084	35,970	13,190	5.200
SP-NF140XP0	14.000	15.500	14.555	14.945	16,650	8,775	41,620	14,530	6.000
SP-NF160XP0	16.000	17.500	16.555	16.945	18,900	9,421	47,260	15,820	7.100
SP-NF180XP0	18.000	19.500	18.555	18.945	21,160	10,028	52,900	17,060	7.900
SP-NF200XP0	20.000	21.500	20.555	20.945	23,420	10,602	58,550	18,250	8.900
SP-NF250XP0	25.000	26.500	25.555	25.945	29,060	11,909	72,650	21,070	10.9
SP-NF300XP0	30.000	31.500	30.555	30.945	34,700	13,065	86,760	23,720	13.0
SP-NF350XP0	35.000	36.500	35.555	35.945	40,350	14,100	100,900	26,220	15.1
SP-NF400XP0	40.000	41.500	40.555	40.945	45,990	15,034	115,000	28,620	17.2

SP-NG Series · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-NG040XP0	4.000	6.000	4.742	5.258	8,210	7,979	20,520	11,260	3.600
SP-NG042XP0	4.250	6.250	4.992	5.508	8,210	7,917	20,520	11,260	3.800
SP-NG045XP0	4.500	6.500	5.242	5.758	8,760	8,205	21,890	11,750	4.000
SP-NG047XP0	4.750	6.750	5.492	6.008	9,300	8,487	23,260	12,230	4.100
SP-NG050XP0	5.000	7.000	5.742	6.258	9,850	8,762	24,620	12,710	4.300
SP-NG055XP0	5.500	7.500	6.242	6.758	10,400	8,979	25,990	13,180	4.700
SP-NG060XP0	6.000	8.000	6.742	7.258	11,490	9,503	28,730	14,090	5.100
SP-NG065XP0	6.500	8.500	7.242	7.758	12,040	9,713	30,100	14,530	5.400
SP-NG070XP0	7.000	9.000	7.742	8.258	13,130	10,208	32,830	15,400	5.800
SP-NG075XP0	7.500	9.500	8.242	8.758	13,680	10,410	34,200	15,820	6.100
SP-NG080XP0	8.000	10.000	8.742	9.258	14,770	10,882	36,940	16,650	6.500
SP-NG090XP0	9.000	11.000	9.742	10.258	16,420	11,526	41,040	17,870	7.200
SP-NG100XP0	10.000	12.000	10.742	11.258	18,060	12,147	45,140	19,040	7.900
SP-NG110XP0	11.000	13.000	11.742	12.258	19,700	12,739	49,250	20,180	8.600
SP-NG120XP0	12.000	14.000	12.742	13.258	21,340	13,315	53,350	21,280	9.300
SP-NG140XP0	14.000	16.000	14.742	15.258	24,620	14,404	61,560	23,410	10.8
SP-NG160XP0	16.000	18.000	16.742	17.258	27,910	15,425	69,770	25,450	12.3
SP-NG180XP0	18.000	20.000	18.742	19.258	31,190	16,386	77,980	27,410	13.7
SP-NG200XP0	20.000	22.000	20.742	21.258	34,470	17,293	86,180	29,300	15.8
SP-NG220XP0	22.000	24.000	22.742	23.258	37,760	18,152	94,390	31,130	17.3
SP-NG250XP0	25.000	27.000	25.742	26.258	42,680	19,360	106,700	33,780	19.5
SP-NG300XP0	30.000	32.000	30.742	31.258	50,890	21,200	127,200	37,980	23.3
SP-NG350XP0	35.000	37.000	35.742	36.258	59,100	22,845	147,700	41,970	27.1
SP-NG400XP0	40.000	42.000	40.742	41.258	67,310	24,332	168,300	45,770	30.8

SIZE TABLES

Sealed — Double Sealed

Upper and lower nitrile seals, pre-lubricated, for contaminated or maintenance-free applications.

Radial Contact (Type C)

SP-JHA Series (double sealed) · 3/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-JHA10CLO	JSHA10CLO	1.000	1.375	1.108	1.274	290	188	6,110	5	0.035
SP-JHA15CLO	JSHA15CLO	1.500	1.875	1.608	1.774	400	225	4,300	5	0.052
SP-JHA17CLO	JSHA17CLO	1.750	2.125	1.858	2.024	460	242	3,750	6	0.060

SP-JA Series (double sealed) · 1/4" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-JA020CP0	—	2.000	2.500	2.148	2.356	680	393	3,220	6	0.100
SP-JA025CP0	JSA025CP0	2.500	3.000	2.648	2.856	830	442	2,630	8	0.120
SP-JA030CP0	JSA030CP0	3.000	3.500	3.148	3.356	990	487	2,230	12	0.140
SP-JA035CP0	JSA035CP0	3.500	4.000	3.648	3.856	1,140	530	1,930	16	0.170
SP-JA040CP0	JSA040CP0	4.000	4.500	4.148	4.356	1,290	571	1,700	20	0.190
SP-JA042CP0	JSA042CP0	4.250	4.750	4.398	4.606	1,370	591	1,610	24	0.200
SP-JA045CP0	JSA045CP0	4.500	5.000	4.648	4.856	1,440	610	1,520	28	0.210
SP-JA047CP0	JSA047CP0	4.750	5.250	4.898	5.106	1,520	629	1,450	32	0.220
SP-JA050CP0	JSA050CP0	5.000	5.500	5.148	5.356	1,590	648	1,380	36	0.230
SP-JA055CP0	JSA055CP0	5.500	6.000	5.648	5.856	1,750	685	1,260	44	0.250
SP-JA060CP0	JSA060CP0	6.000	6.500	6.148	6.356	1,900	720	1,160	52	0.280
SP-JA065CP0	JSA065CP0	6.500	7.000	6.648	6.856	2,050	754	1,070	61	0.300
SP-JA070CP0	—	7.000	7.500	7.148	7.356	2,200	787	1,000	70	0.310
SP-JA075CP0	—	7.500	8.000	7.648	7.856	2,350	820	930	80	0.340

SP-JB Series (double sealed) · 5/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-JB020CP0	—	2.000	2.625	2.199	2.425	930	577	3,130	6	0.150
SP-JB025CP0	JSB025CP0	2.500	3.125	2.699	2.925	1,140	644	2,580	8	0.190
SP-JB030CP0	JSB030CP0	3.000	3.625	3.199	3.425	1,340	707	2,190	12	0.220
SP-JB035CP0	JSB035CP0	3.500	4.125	3.699	3.925	1,540	767	1,900	16	0.270
SP-JB040CP0	JSB040CP0	4.000	4.625	4.199	4.425	1,750	825	1,630	20	0.300
SP-JB042CP0	JSB042CP0	4.250	4.875	4.449	4.675	1,830	846	1,600	24	0.310
SP-JB045CP0	JSB045CP0	4.500	5.125	4.699	4.925	1,950	880	1,500	28	0.340
SP-JB047CP0	JSB047CP0	4.750	5.375	4.949	5.175	2,030	901	1,430	32	0.350
SP-JB050CP0	JSB050CP0	5.000	5.625	5.199	5.425	2,150	933	1,360	36	0.370
SP-JB055CP0	JSB055CP0	5.500	6.125	5.699	5.925	2,360	984	1,240	44	0.400
SP-JB060CP0	JSB060CP0	6.000	6.625	6.199	6.425	2,560	1,034	1,150	52	0.440
SP-JB065CP0	JSB065CP0	6.500	7.125	6.699	6.925	2,760	1,082	1,060	61	0.470

SP-JU Series (double sealed) · 3/8" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-JU040CP0	JSU040CP0	4.000	4.750	4.150	4.543	2,100	1,073	1,640	2.9	0.550
SP-JU042CP0	JSU042CP0	4.250	5.000	4.400	4.793	2,220	1,108	1,520	3.2	0.580
SP-JU045CP0	JSU045CP0	4.500	5.250	4.650	5.043	2,340	1,143	1,440	3.5	0.610
SP-JU047CP0	JSU047CP0	4.750	5.500	4.900	5.293	2,460	1,176	1,360	3.9	0.650
SP-JU050CP0	—	5.000	5.750	5.150	5.543	2,590	1,209	1,300	4.3	0.680
SP-JU055CP0	—	5.500	6.250	5.650	6.043	2,830	1,274	1,180	5.1	0.740
SP-JU060CP0	JSU060CP0	6.000	6.750	6.150	6.543	3,070	1,337	1,080	6.1	0.810

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-JU065CP0	JSU065CP0	6.500	7.250	6.650	7.043	3,315	1,397	1,000	7	0.870
SP-JU070CP0	JSU070CP0	7.000	7.750	7.150	7.543	3,550	1,457	920	8.1	0.930
SP-JU075CP0	JSU075CP0	7.500	8.250	7.650	8.043	3,790	1,514	860	9.2	0.990
SP-JU080CP0	JSU080CP0	8.000	8.750	8.150	8.543	4,030	1,570	810	10.4	1.060
SP-JU085CP0	—	8.500	9.250	8.650	9.037	4,270	1,624	770	11.7	1.120
SP-JU090CP0	JSU090CP0	9.000	9.750	9.150	9.543	4,510	1,678	720	13	1.180
SP-JU100CP0	—	10.000	10.750	10.150	10.543	4,990	1,781	650	16	1.310
SP-JU110CP0	—	11.000	11.750	11.150	11.543	5,470	1,879	590	19.2	1.430
SP-JU120CP0	JSU120CP0	12.000	12.750	12.150	12.543	5,950	1,974	540	22.8	1.560

SP-JG Series (double sealed) · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-JG070CP0	7.000	9.000	7.554	8.602	13,130	7,764	240	17	5.800
SP-JG075CP0	7.500	9.500	8.054	9.102	13,680	7,911	225	19	6.100
SP-JG080CP0	8.000	10.000	8.554	9.602	14,770	8,265	210	21	6.500
SP-JG090CP0	9.000	11.000	9.554	10.602	16,420	8,743	190	26	7.200
SP-JG100CP0	10.000	12.000	10.554	11.602	18,060	9,204	175	32	7.900
SP-JG110CP0	11.000	13.000	11.554	12.602	19,700	9,648	160	38	8.600
SP-JG120CP0	12.000	14.000	12.554	13.602	21,340	10,074	140	44	9.300
SP-JG140CP0	14.000	16.000	14.554	15.602	24,620	10,886	125	59	10.8
SP-JG160CP0	16.000	18.000	16.554	17.602	27,910	11,648	110	76	12.3
SP-JG180CP0	18.000	20.000	18.554	19.602	31,190	12,367	100	95	13.7
SP-JG200CP0	20.000	22.000	20.554	21.602	34,470	13,044	90	115	15.8
SP-JG220CP0	22.000	24.000	22.554	23.602	37,760	13,685	80	139	16.8
SP-JG250CP0	25.000	27.000	25.554	26.602	42,680	14,591	75	177	19.5
SP-JG300CP0	30.000	32.000	30.554	31.602	50,890	15,963	60	252	23.3
SP-JG350CP0	35.000	37.000	35.554	36.602	59,100	17,195	55	339	27.1
SP-JG400CP0	40.000	42.000	40.554	41.602	67,310	18,307	50	440	30.8

Four-Point Contact (Type X)

SP-JHA Series (double sealed) · 3/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-JHA10XL0	JSHA10XL0	1.000	1.375	1.108	1.274	290	247	730	370	3,000	5	0.035
SP-JHA15XL0	JSHA15XL0	1.500	1.875	1.608	1.774	400	296	1,000	460	2,000	5	0.052
SP-JHA17XL0	JSHA17XL0	1.750	2.125	1.858	2.024	460	319	1,140	500	1,710	6	0.060

SP-JA Series (double sealed) · 1/4" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-JA020XP0	—	2.000	2.500	2.148	2.356	680	514	1,710	790	1,500	6	0.100
SP-JA025XP0	JSA025XP0	2.500	3.000	2.648	2.856	830	583	2,090	910	1,200	8	0.120
SP-JA030XP0	JSA030XP0	3.000	3.500	3.148	3.356	990	643	2,470	1,010	830	12	0.140
SP-JA035XP0	JSA035XP0	3.500	4.000	3.648	3.856	1,140	701	2,850	1,110	710	16	0.170
SP-JA040XP0	JSA040XP0	4.000	4.500	4.148	4.356	1,290	756	3,220	1,210	620	20	0.190
SP-JA042XP0	JSA042XP0	4.250	4.750	4.398	4.606	1,370	783	3,410	1,260	580	24	0.200
SP-JA045XP0	JSA045XP0	4.500	5.000	4.648	4.856	1,440	809	3,600	1,310	550	28	0.210
SP-JA047XP0	JSA047XP0	4.750	5.250	4.898	5.106	1,520	834	3,790	1,350	520	32	0.220
SP-JA050XP0	JSA050XP0	5.000	5.500	5.148	5.356	1,590	859	3,980	1,400	500	36	0.230
SP-JA055XP0	JSA055XP0	5.500	6.000	5.648	5.856	1,750	908	4,360	1,480	450	44	0.250
SP-JA060XP0	JSA060XP0	6.000	6.500	6.148	6.356	1,900	955	4,740	1,570	330	52	0.280
SP-JA065XP0	JSA065XP0	6.500	7.000	6.648	6.856	2,050	1,001	5,120	1,650	300	61	0.300
SP-JA070XP0	—	7.000	7.500	7.148	7.356	2,200	1,046	5,500	1,730	280	70	0.310
SP-JA075XP0	—	7.500	8.000	7.648	7.856	2,350	1,089	5,880	1,810	260	80	0.340

SP-JB Series (double sealed) · 5/16" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-JB020XP0	—	2.000	2.625	2.199	2.425	930	758	2,340	1,130	1,500	6	0.150
SP-JB025XP0	JSB025XP0	2.500	3.125	2.699	2.925	1,140	848	2,840	1,290	1,200	8	0.190
SP-JB030XP0	JSB030XP0	3.000	3.625	3.199	3.425	1,340	933	3,350	1,440	1,000	12	0.220
SP-JB035XP0	JSB035XP0	3.500	4.125	3.699	3.925	1,540	1,014	3,860	1,590	710	16	0.270
SP-JB040XP0	JSB040XP0	4.000	4.625	4.199	4.425	1,750	1,091	4,370	1,720	620	20	0.300
SP-JB042XP0	JSB042XP0	4.250	4.875	4.449	4.675	1,830	1,120	4,570	1,780	590	24	0.310
SP-JB045XP0	JSB045XP0	4.500	5.125	4.699	4.925	1,950	1,165	4,880	1,850	550	28	0.340
SP-JB047XP0	JSB047XP0	4.750	5.375	4.949	5.175	2,030	1,193	5,080	1,900	520	32	0.350
SP-JB050XP0	JSB050XP0	5.000	5.625	5.199	5.425	2,150	1,236	5,380	1,980	500	36	0.370
SP-JB055XP0	JSB055XP0	5.500	6.125	5.699	5.925	2,360	1,304	5,890	2,100	450	44	0.400
SP-JB060XP0	JSB060XP0	6.000	6.625	6.199	6.425	2,560	1,371	6,400	2,220	410	52	0.440
SP-JB065XP0	JSB065XP0	6.500	7.125	6.699	6.925	2,760	1,435	6,910	2,340	380	61	0.470

SP-JU Series (double sealed) · 3/8" radial section · capacities in lbf

SlimPro part no.	Silverthin™	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-JU040XP0	JSU040XP0	4.000	4.750	4.150	4.543	2,100	1,417	5,260	2,210	620	2.9	0.550
SP-JU042XP0	JSU042XP0	4.250	5.000	4.400	4.793	2,220	1,464	5,560	2,290	590	3.2	0.580
SP-JU045XP0	JSU045XP0	4.500	5.250	4.650	5.043	2,340	1,510	5,860	2,380	550	3.5	0.610
SP-JU047XP0	JSU047XP0	4.750	5.500	4.900	5.293	2,460	1,556	6,160	2,460	520	3.9	0.650
SP-JU050XP0	—	5.000	5.750	5.150	5.543	2,590	1,600	6,460	2,540	500	4.3	0.680
SP-JU055XP0	—	5.500	6.250	5.650	6.043	2,830	1,687	7,060	2,690	450	5.1	0.740
SP-JU060XP0	JSU060XP0	6.000	6.750	6.150	6.543	3,070	1,770	7,660	2,840	410	6.1	0.810
SP-JU065XP0	JSU065XP0	6.500	7.250	6.650	7.043	3,310	1,851	8,270	2,990	380	7	0.870
SP-JU070XP0	JSU070XP0	7.000	7.750	7.150	7.543	3,550	1,931	8,870	3,130	350	8.1	0.930
SP-JU075XP0	JSU075XP0	7.500	8.250	7.650	8.043	3,790	2,007	9,470	3,270	330	9.2	0.990
SP-JU080XP0	JSU080XP0	8.000	8.750	8.150	8.543	4,030	2,082	10,070	3,410	310	10.4	1.060
SP-JU085XP0	—	8.500	9.250	8.650	9.043	4,270	2,155	10,670	3,543	265	11.7	1.120
SP-JU090XP0	JSU090XP0	9.000	9.750	9.150	9.543	4,510	2,226	11,270	3,670	220	13	1.180
SP-JU100XP0	—	10.000	10.750	10.150	10.543	4,990	2,364	12,470	3,930	200	16	1.310
SP-JU110XP0	—	11.000	11.750	11.150	11.543	5,470	2,496	13,680	4,180	180	19.2	1.430
SP-JU120XP0	JSU120XP0	12.000	12.750	12.150	12.543	5,950	2,622	14,880	4,420	160	22.8	1.560

SP-JG Series (double sealed) · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-JG070XP0	7.000	9.000	7.554	8.602	13,130	10,208	32,830	15,400	240	17	5.800
SP-JG075XP0	7.500	9.500	8.054	9.102	13,680	10,410	34,200	15,820	225	19	6.100
SP-JG080XP0	8.000	10.000	8.554	9.602	14,770	10,882	36,940	16,650	210	21	6.500
SP-JG090XP0	9.000	11.000	9.554	10.602	16,420	11,526	41,040	17,870	190	26	7.200
SP-JG100XP0	10.000	12.000	10.554	11.602	18,060	12,147	45,140	19,040	175	32	7.900
SP-JG110XP0	11.000	13.000	11.554	12.602	19,700	12,739	49,250	20,180	160	38	8.600
SP-JG120XP0	12.000	14.000	12.554	13.602	21,340	13,315	53,350	21,280	140	44	9.300
SP-JG140XP0	14.000	16.000	14.554	15.602	24,620	14,404	61,560	34,410	125	59	10.8
SP-JG160XP0	16.000	18.000	16.554	17.602	27,910	15,425	69,770	25,450	110	76	12.3
SP-JG180XP0	18.000	20.000	18.554	19.602	31,190	16,386	77,980	27,410	100	95	13.7
SP-JG200XP0	20.000	22.000	20.554	21.602	34,470	17,293	86,180	29,300	90	115	15.8
SP-JG220XP0	22.000	24.000	22.554	23.602	37,750	18,152	94,390	31,130	80	138	16.8
SP-JG250XP0	25.000	27.000	25.554	26.602	42,680	19,360	106,700	33,780	75	177	19.5
SP-JG300XP0	30.000	32.000	30.554	31.602	50,890	21,200	127,200	37,980	60	252	23.3
SP-JG350XP0	35.000	37.000	35.554	36.602	59,100	22,845	147,700	41,970	55	339	27.1
SP-JG400XP0	40.000	42.000	40.554	41.602	63,310	24,332	168,300	45,770	50	440	30.8

SIZE TABLES

Sealed — Armoloy® Plated

Sealed series with Armoloy® plating, for applications that are dirty and wet. Equivalent to Kaydon® “L” bearings. Made to order.

Radial Contact (Type C)

SP-LHA Series (SEALED, PLATED) · 3/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-LHA10CL0	1.000	1.375	1.108	1.274	290	188	6,110	5	0.035
SP-LHA15CL0	1.500	1.875	1.608	1.774	400	225	4,300	5	0.052
SP-LHA17CL0	1.750	2.125	1.858	2.024	460	242	3,750	6	0.060

SP-LA Series (SEALED, PLATED) · 1/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-LA020CP0	2.000	2.500	2.148	2.356	680	393	3,220	6	0.100
SP-LA025CP0	2.500	3.000	2.648	2.856	830	442	2,630	8	0.120
SP-LA030CP0	3.000	3.500	3.148	3.356	990	487	2,230	12	0.140
SP-LA035CP0	3.500	4.000	3.648	3.856	1,140	530	1,930	16	0.170
SP-LA040CP0	4.000	4.500	4.148	4.356	1,290	571	1,700	20	0.190
SP-LA042CP0	4.250	4.750	4.398	4.606	1,370	591	1,610	24	0.200
SP-LA045CP0	4.500	5.000	4.648	4.856	1,440	610	1,520	28	0.210
SP-LA047CP0	4.750	5.250	4.898	5.106	1,520	629	1,450	32	0.220
SP-LA050CP0	5.000	5.500	5.148	5.356	1,590	648	1,380	36	0.230
SP-LA055CP0	5.500	6.000	5.648	5.856	1,750	685	1,260	44	0.250
SP-LA060CP0	6.000	6.500	6.148	6.356	1,900	720	1,160	52	0.280
SP-LA065CP0	6.500	7.000	6.648	6.856	2,050	754	1,070	61	0.300
SP-LA070CP0	7.000	7.500	7.148	7.356	2,200	787	1,000	70	0.310
SP-LA075CP0	7.500	8.000	7.648	7.856	2,350	820	930	80	0.340

SP-LB Series (SEALED, PLATED) · 5/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-LB020CP0	2.000	2.625	2.199	2.425	930	577	3,130	6	0.150
SP-LB025CP0	2.500	3.125	2.699	2.925	1,140	644	2,580	8	0.190
SP-LB030CP0	3.000	3.625	3.199	3.425	1,340	707	2,190	12	0.220
SP-LB035CP0	3.500	4.125	3.699	3.925	1,540	767	1,900	16	0.270
SP-LB040CP0	4.000	4.625	4.199	4.425	1,750	825	1,630	20	0.300
SP-LB042CP0	4.250	4.875	4.449	4.675	1,830	846	1,600	24	0.310
SP-LB045CP0	4.500	5.125	4.699	4.925	1,950	880	1,500	28	0.340
SP-LB047CP0	4.750	5.375	4.949	5.175	2,030	901	1,430	32	0.350
SP-LB050CP0	5.000	5.625	5.199	5.425	2,150	933	1,360	36	0.370
SP-LB055CP0	5.500	6.125	5.699	5.925	2,360	984	1,240	44	0.400
SP-LB060CP0	6.000	6.625	6.199	6.425	2,560	1,034	1,150	52	0.440
SP-LB065CP0	6.500	7.125	6.699	6.925	2,760	1,082	1,060	61	0.470

SP-LU Series (SEALED, PLATED) · 3/8" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-LU040CP0	4.000	4.750	4.150	4.543	2,100	1,073	1,640	2.9	0.550
SP-LU042CP0	4.250	5.000	4.400	4.793	2,220	1,108	1,520	3.2	0.580
SP-LU045CP0	4.500	5.250	4.650	5.043	2,340	1,143	1,440	3.5	0.610
SP-LU047CP0	4.750	5.500	4.900	5.293	2,460	1,176	1,360	3.9	0.650
SP-LU050CP0	5.000	5.750	5.150	5.543	2,590	1,209	1,300	4.3	0.680
SP-LU055CP0	5.500	6.250	5.650	6.043	2,830	1,274	1,180	5.1	0.740

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-LU060CP0	6.000	6.750	6.150	6.543	3,070	1,337	1,080	6.1	0.810
SP-LU065CP0	6.500	7.250	6.650	7.043	3,315	1,397	1,000	7	0.870
SP-LU070CP0	7.000	7.750	7.150	7.543	3,550	1,457	920	8.1	0.930
SP-LU075CP0	7.500	8.250	7.650	8.043	3,790	1,514	860	9.2	0.990
SP-LU080CP0	8.000	8.750	8.150	8.543	4,030	1,570	810	10.4	1.060
SP-LU085CP0	8.500	9.250	8.650	9.037	4,270	1,624	770	11.7	1.120
SP-LU090CP0	9.000	9.750	9.150	9.543	4,510	1,678	720	13	1.180
SP-LU100CP0	10.000	10.750	10.150	10.543	4,990	1,781	650	16	1.310
SP-LU110CP0	11.000	11.750	11.150	11.543	5,470	1,879	590	19.2	1.430
SP-LU120CP0	12.000	12.750	12.150	12.543	5,950	1,974	540	22.8	1.560

SP-LG Series (SEALED, PLATED) · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-LG070CP0	7.000	9.000	7.554	8.602	13,130	7,764	240	17	5.800
SP-LG075CP0	7.500	9.500	8.054	9.102	13,680	7,911	225	19	6.100
SP-LG080CP0	8.000	10.000	8.554	9.602	14,770	8,265	210	21	6.500
SP-LG090CP0	9.000	11.000	9.554	10.602	16,420	8,743	190	26	7.200
SP-LG100CP0	10.000	12.000	10.554	11.602	18,060	9,204	175	32	7.900
SP-LG110CP0	11.000	13.000	11.554	12.602	19,700	9,648	160	38	8.600
SP-LG120CP0	12.000	14.000	12.554	13.602	21,340	10,074	140	44	9.300
SP-LG140CP0	14.000	16.000	14.554	15.602	24,620	10,886	125	59	10.8
SP-LG160CP0	16.000	18.000	16.554	17.602	27,910	11,648	110	76	12.3
SP-LG180CP0	18.000	20.000	18.554	19.602	31,190	12,367	100	95	13.7
SP-LG200CP0	20.000	22.000	20.554	21.602	34,470	13,044	90	115	15.8
SP-LG220CP0	22.000	24.000	22.554	23.602	37,760	13,685	80	139	16.8
SP-LG250CP0	25.000	27.000	25.554	26.602	42,680	14,591	75	177	19.5
SP-LG300CP0	30.000	32.000	30.554	31.602	50,890	15,963	60	252	23.3
SP-LG350CP0	35.000	37.000	35.554	36.602	59,100	17,195	55	339	27.1
SP-LG400CP0	40.000	42.000	40.554	41.602	67,310	18,307	50	440	30.8

Four-Point Contact (Type X)

SP-LHA Series (SEALED, PLATED) · 3/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-LHA10XL0	1.000	1.375	1.108	1.274	290	247	730	370	3,000	5	0.035
SP-LHA15XL0	1.500	1.875	1.608	1.774	400	296	1,000	460	2,000	5	0.052
SP-LHA17XL0	1.750	2.125	1.858	2.024	460	319	1,140	500	1,710	6	0.060

SP-LA Series (SEALED, PLATED) · 1/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-LA020XP0	2.000	2.500	2.148	2.356	680	514	1,710	790	1,500	6	0.100
SP-LA025XP0	2.500	3.000	2.648	2.856	830	583	2,090	910	1,200	8	0.120
SP-LA030XP0	3.000	3.500	3.148	3.356	990	643	2,470	1,010	830	12	0.140
SP-LA035XP0	3.500	4.000	3.648	3.856	1,140	701	2,850	1,110	710	16	0.170
SP-LA040XP0	4.000	4.500	4.148	4.356	1,290	756	3,220	1,210	620	20	0.190
SP-LA042XP0	4.250	4.750	4.398	4.606	1,370	783	3,410	1,260	580	24	0.200
SP-LA045XP0	4.500	5.000	4.648	4.856	1,440	809	3,600	1,310	550	28	0.210
SP-LA047XP0	4.750	5.250	4.898	5.106	1,520	834	3,790	1,350	520	32	0.220
SP-LA050XP0	5.000	5.500	5.148	5.356	1,590	859	3,980	1,400	500	36	0.230
SP-LA055XP0	5.500	6.000	5.648	5.856	1,750	908	4,360	1,480	450	44	0.250
SP-LA060XP0	6.000	6.500	6.148	6.356	1,900	955	4,740	1,570	330	52	0.280
SP-LA065XP0	6.500	7.000	6.648	6.856	2,050	1,001	5,120	1,650	300	61	0.300
SP-LA070XP0	7.000	7.500	7.148	7.356	2,200	1,046	5,500	1,730	280	70	0.310
SP-LA075XP0	7.500	8.000	7.648	7.856	2,350	1,089	5,880	1,810	260	80	0.340

SP-LB Series (SEALED, PLATED) · 5/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-oz)	Weight (lb)
SP-LB020XP0	2.000	2.625	2.199	2.425	930	758	2,340	1,130	1,500	6	0.150
SP-LB025XP0	2.500	3.125	2.699	2.925	1,140	848	2,840	1,290	1,200	8	0.190
SP-LB030XP0	3.000	3.625	3.199	3.425	1,340	933	3,350	1,440	1,000	12	0.220
SP-LB035XP0	3.500	4.125	3.699	3.925	1,540	1,014	3,860	1,590	710	16	0.270
SP-LB040XP0	4.000	4.625	4.199	4.425	1,750	1,091	4,370	1,720	620	20	0.300
SP-LB042XP0	4.250	4.875	4.449	4.675	1,830	1,120	4,570	1,780	590	24	0.310
SP-LB045XP0	4.500	5.125	4.699	4.925	1,950	1,165	4,880	1,850	550	28	0.340
SP-LB047XP0	4.750	5.375	4.949	5.175	2,030	1,193	5,080	1,900	520	32	0.350
SP-LB050XP0	5.000	5.625	5.199	5.425	2,150	1,236	5,380	1,980	500	36	0.370
SP-LB055XP0	5.500	6.125	5.699	5.925	2,360	1,304	5,890	2,100	450	44	0.400
SP-LB060XP0	6.000	6.625	6.199	6.425	2,560	1,371	6,400	2,220	410	52	0.440
SP-LB065XP0	6.500	7.125	6.699	6.925	2,760	1,435	6,910	2,340	380	61	0.470

SP-LU Series (SEALED, PLATED) · 3/8" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-LU040XP0	4.000	4.750	4.150	4.543	2,100	1,417	5,260	2,210	620	2.9	0.550
SP-LU042XP0	4.250	5.000	4.400	4.793	2,220	1,464	5,560	2,290	590	3.2	0.580
SP-LU045XP0	4.500	5.250	4.650	5.043	2,340	1,510	5,860	2,380	550	3.5	0.610
SP-LU047XP0	4.750	5.500	4.900	5.293	2,460	1,556	6,160	2,460	520	3.9	0.650
SP-LU050XP0	5.000	5.750	5.150	5.543	2,590	1,600	6,460	2,540	500	4.3	0.680
SP-LU055XP0	5.500	6.250	5.650	6.043	2,830	1,687	7,060	2,690	450	5.1	0.740
SP-LU060XP0	6.000	6.750	6.150	6.543	3,070	1,770	7,660	2,840	410	6.1	0.810
SP-LU065XP0	6.500	7.250	6.650	7.043	3,310	1,851	8,270	2,990	380	7	0.870
SP-LU070XP0	7.000	7.750	7.150	7.543	3,550	1,931	8,870	3,130	350	8.1	0.930
SP-LU075XP0	7.500	8.250	7.650	8.043	3,790	2,007	9,470	3,270	330	9.2	0.990
SP-LU080XP0	8.000	8.750	8.150	8.543	4,030	2,082	10,070	3,410	310	10.4	1.060
SP-LU085XP0	8.500	9.250	8.650	9.043	4,270	2,155	10,670	3,543	265	11.7	1.120
SP-LU090XP0	9.000	9.750	9.150	9.543	4,510	2,226	11,270	3,670	220	13	1.180
SP-LU100XP0	10.000	10.750	10.150	10.543	4,990	2,364	12,470	3,930	200	16	1.310
SP-LU110XP0	11.000	11.750	11.150	11.543	5,470	2,496	13,680	4,180	180	19.2	1.430
SP-LU120XP0	12.000	12.750	12.150	12.543	5,950	2,622	14,880	4,420	160	22.8	1.560

SP-LG Series (SEALED, PLATED) · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-lb)	Weight (lb)
SP-LG070XP0	7.000	9.000	7.554	8.602	13,130	10,208	32,830	15,400	240	17	5.800
SP-LG075XP0	7.500	9.500	8.054	9.102	13,680	10,410	34,200	15,820	225	19	6.100
SP-LG080XP0	8.000	10.000	8.554	9.602	14,770	10,882	36,940	16,650	210	21	6.500
SP-LG090XP0	9.000	11.000	9.554	10.602	16,420	11,526	41,040	17,870	190	26	7.200
SP-LG100XP0	10.000	12.000	10.554	11.602	18,060	12,147	45,140	19,040	175	32	7.900
SP-LG110XP0	11.000	13.000	11.554	12.602	19,700	12,739	49,250	20,180	160	38	8.600
SP-LG120XP0	12.000	14.000	12.554	13.602	21,340	13,315	53,350	21,280	140	44	9.300
SP-LG140XP0	14.000	16.000	14.554	15.602	24,620	14,404	61,560	34,410	125	59	10.8
SP-LG160XP0	16.000	18.000	16.554	17.602	27,910	15,425	69,770	25,450	110	76	12.3
SP-LG180XP0	18.000	20.000	18.554	19.602	31,190	16,386	77,980	27,410	100	95	13.7
SP-LG200XP0	20.000	22.000	20.554	21.602	34,470	17,293	86,180	29,300	90	115	15.8
SP-LG220XP0	22.000	24.000	22.554	23.602	37,750	18,152	94,390	31,130	80	138	16.8
SP-LG250XP0	25.000	27.000	25.554	26.602	42,680	19,360	106,700	33,780	75	177	19.5
SP-LG300XP0	30.000	32.000	30.554	31.602	50,890	21,200	127,200	37,980	60	252	23.3
SP-LG350XP0	35.000	37.000	35.554	36.602	59,100	22,845	147,700	41,970	55	339	27.1
SP-LG400XP0	40.000	42.000	40.554	41.602	63,310	24,332	168,300	45,770	50	440	30.8

SIZE TABLES

Stainless Steel

AISI 440C stainless rings and balls for washdown, food, medical and corrosive environments.

Angular Contact (Type A)

SP-SAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SAA10AG0	1.000	1.375	1.140	1.235	1.274	340	194	970	450	0.025
SP-SAA15AG0	1.500	1.875	1.640	1.735	1.774	480	238	1,380	560	0.038
SP-SAA17AG0	1.750	2.125	1.890	1.985	2.024	530	251	1,520	600	0.045

SP-SA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SA020AR0	2.000	2.500	2.186	2.314	2.369	790	405	2,280	960	0.100
SP-SA025AR0	2.500	3.000	2.686	2.814	2.869	960	459	2,780	1,100	0.120
SP-SA030AR0	3.000	3.500	3.186	3.314	3.367	1,140	507	3,290	1,230	0.140
SP-SA035AR0	3.500	4.000	3.686	3.814	3.867	1,310	552	3,790	1,350	0.170
SP-SA040AR0	4.000	4.500	4.186	4.314	4.367	1,490	595	4,300	1,470	0.190
SP-SA042AR0	4.250	4.750	4.436	4.564	4.615	1,580	616	4,550	1,530	0.200
SP-SA045AR0	4.500	5.000	4.686	4.814	4.865	1,660	637	4,810	1,580	0.210
SP-SA047AR0	4.750	5.250	4.936	5.064	5.115	1,750	657	5,060	1,640	0.220
SP-SA050AR0	5.000	5.500	5.186	5.314	5.365	1,840	676	5,310	1,690	0.230
SP-SA055AR0	5.500	6.000	5.686	5.814	5.863	2,020	715	5,820	1,800	0.250
SP-SA060AR0	6.000	6.500	6.186	6.314	6.363	2,190	752	6,320	1,900	0.280
SP-SA065AR0	6.500	7.000	6.686	6.814	6.861	2,370	788	6,830	2,000	0.300
SP-SA070AR0	7.000	7.500	7.186	7.314	7.361	2,540	823	7,340	2,100	0.320
SP-SA075AR0	7.500	8.000	7.686	7.814	7.861	2,720	857	7,840	2,190	0.340
SP-SA080AR0	8.000	8.500	8.186	8.314	8.359	2,890	890	8,350	2,280	0.360
SP-SA090AR0	9.000	9.500	9.186	9.314	9.357	3,240	954	9,360	2,470	0.410
SP-SA100AR0	10.000	10.500	10.186	10.314	10.355	3,590	1,014	10,370	2,640	0.450
SP-SA110AR0	11.000	11.500	11.186	11.314	11.353	3,940	1,072	11,380	2,810	0.500
SP-SA120AR0	12.000	12.500	12.186	12.314	12.349	4,290	1,128	12,390	2,970	0.540

SP-SB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SB020AR0	2.000	2.625	2.231	2.393	2.464	1,090	601	3,150	1,380	0.150
SP-SB025AR0	2.500	3.125	2.731	2.893	2.964	1,340	675	3,860	1,590	0.190
SP-SB030AR0	3.000	3.625	3.231	3.393	3.462	1,550	734	4,470	1,750	0.220
SP-SB035AR0	3.500	4.125	3.731	3.893	3.962	1,790	801	5,180	1,930	0.270
SP-SB040AR0	4.000	4.625	4.231	4.393	4.460	2,040	865	5,890	2,100	0.300
SP-SB042AR0	4.250	4.875	4.481	4.643	4.710	2,150	891	6,200	2,170	0.310
SP-SB045AR0	4.500	5.125	4.731	4.893	4.960	2,250	917	6,500	2,240	0.340
SP-SB047AR0	4.750	5.375	4.981	5.143	5.210	2,390	951	6,910	2,340	0.350
SP-SB050AR0	5.000	5.625	5.231	5.393	5.460	2,500	976	7,210	2,410	0.370
SP-SB055AR0	5.500	6.125	5.731	5.893	5.958	2,740	1,033	7,920	2,560	0.400
SP-SB060AR0	6.000	6.625	6.231	6.393	6.458	2,990	1,088	8,630	2,710	0.440
SP-SB065AR0	6.500	7.125	6.731	6.893	6.958	3,200	1,132	9,240	2,840	0.470
SP-SB070AR0	7.000	7.625	7.231	7.393	7.456	3,450	1,184	9,960	2,980	0.500
SP-SB075AR0	7.500	8.125	7.731	7.893	7.955	3,700	1,235	10,670	3,120	0.540
SP-SB080AR0	8.000	8.625	8.231	8.393	8.453	3,940	1,284	11,380	3,260	0.570
SP-SB090AR0	9.000	9.625	9.231	9.393	9.451	4,400	1,370	12,700	3,510	0.640
SP-SB100AR0	10.000	10.625	10.231	10.393	10.449	4,890	1,461	14,120	3,760	0.710
SP-SB110AR0	11.000	11.625	11.231	11.393	11.447	5,350	1,540	15,440	4,000	0.780

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SB120AR0	12.000	12.625	12.231	12.393	12.445	5,840	1,623	16,860	4,240	0.850
SP-SB140AR0	14.000	14.625	14.231	14.393	14.439	6,760	1,767	19,500	4,670	0.980
SP-SB160AR0	16.000	16.625	16.231	16.393	16.433	7,710	1,907	22,250	5,100	1.120
SP-SB180AR0	18.000	18.625	18.231	18.393	18.425	8,660	2,038	24,990	5,510	1.260
SP-SB200AR0	20.000	20.625	20.231	20.393	20.416	9,610	2,162	27,730	5,900	1.400

SP-SC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SC040AR0	4.000	4.750	4.277	4.473	4.554	2,550	1,153	7,360	2,770	0.440
SP-SC042AR0	4.250	5.000	4.527	4.723	4.804	2,710	1,194	7,820	2,880	0.460
SP-SC045AR0	4.500	5.250	4.777	4.973	5.052	2,860	1,234	8,270	2,990	0.490
SP-SC047AR0	4.750	5.500	5.027	5.223	5.302	3,020	1,274	8,720	3,100	0.510
SP-SC050AR0	5.000	5.750	5.277	5.473	5.552	3,180	1,313	9,170	3,200	0.540
SP-SC055AR0	5.500	6.250	5.777	5.973	6.052	3,440	1,374	9,920	3,370	0.580
SP-SC060AR0	6.000	6.750	6.277	6.473	6.550	3,750	1,448	10,820	3,580	0.640
SP-SC065AR0	6.500	7.250	6.777	6.973	7.050	4,060	1,519	11,720	3,770	0.680
SP-SC070AR0	7.000	7.750	7.277	7.473	7.550	4,320	1,575	12,470	3,930	0.740
SP-SC075AR0	7.500	8.250	7.777	7.973	8.048	4,630	1,642	13,380	4,120	0.780
SP-SC080AR0	8.000	8.750	8.277	8.473	8.548	4,950	1,708	14,280	4,300	0.840
SP-SC090AR0	9.000	9.750	9.277	9.473	9.546	5,520	1,822	15,930	4,630	0.980
SP-SC100AR0	10.000	10.750	10.277	10.473	10.544	6,140	1,942	17,730	4,970	1.040
SP-SC110AR0	11.000	11.750	11.277	11.473	11.542	6,720	2,047	19,390	5,280	1.140
SP-SC120AR0	12.000	12.750	12.277	12.473	12.540	7,290	2,147	21,040	5,570	1.230
SP-SC140AR0	14.000	14.750	14.277	14.473	14.535	8,490	2,347	24,500	6,170	1.430
SP-SC160AR0	16.000	16.750	16.277	16.473	16.529	9,680	2,533	27,950	6,730	1.630
SP-SC180AR0	18.000	18.750	18.277	18.473	18.523	10,880	2,707	31,410	7,280	1.830
SP-SC200AR0	20.000	20.750	20.277	20.473	20.517	12,030	2,863	34,720	7,780	2.030
SP-SC250AR0	25.000	25.750	25.277	25.473	25.500	14,900	3,233	43,280	9,010	2.520

SP-SD Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SD040AR0	4.000	5.000	4.370	4.630	4.741	3,550	1,819	10,260	4,260	0.800
SP-SD042AR0	4.250	5.250	4.620	4.880	4.991	3,750	1,876	10,830	4,420	0.840
SP-SD045AR0	4.500	5.500	4.870	5.130	5.241	3,950	1,931	11,400	4,570	0.880
SP-SD047AR0	4.750	5.750	5.120	5.380	5.490	4,150	1,986	11,970	4,720	0.930
SP-SD050AR0	5.000	6.000	5.370	5.630	5.740	4,340	2,040	12,540	4,870	0.980
SP-SD055AR0	5.500	6.500	5.870	6.130	6.238	4,740	2,145	13,680	5,160	1.060
SP-SD060AR0	6.000	7.000	6.370	6.630	6.738	5,130	2,247	14,820	5,440	1.150
SP-SD065AR0	6.500	7.500	6.870	7.130	7.236	5,530	2,346	15,960	5,720	1.240
SP-SD070AR0	7.000	8.000	7.370	7.630	7.736	5,920	2,442	17,100	5,990	1.330
SP-SD075AR0	7.500	8.500	7.870	8.130	8.236	6,320	2,536	18,240	6,250	1.420
SP-SD080AR0	8.000	9.000	8.370	8.630	8.734	6,710	2,627	19,380	6,510	1.520
SP-SD090AR0	9.000	10.000	9.370	9.630	9.732	7,500	2,803	21,660	7,010	1.690
SP-SD100AR0	10.000	11.000	10.370	10.630	10.732	8,290	2,972	23,940	7,500	1.870
SP-SD110AR0	11.000	12.000	11.370	11.630	11.730	9,080	3,133	26,220	7,960	2.050
SP-SD120AR0	12.000	13.000	12.370	12.630	12.728	9,870	3,288	28,500	8,420	2.230
SP-SD140AR0	14.000	15.000	14.370	14.630	14.724	11,450	3,582	33,060	9,290	2.570
SP-SD160AR0	16.000	17.000	16.370	16.630	16.718	13,030	3,856	37,620	10,130	2.930
SP-SD180AR0	18.000	19.000	18.370	18.630	18.712	14,610	4,113	42,180	10,930	3.290
SP-SD200AR0	20.000	21.000	20.370	20.630	20.705	16,190	4,356	46,740	11,710	3.650
SP-SD210AR0	21.000	22.000	21.370	21.630	21.700	16,981	4,472	49,020	12,086	3.830
SP-SD250AR0	25.000	26.000	25.370	25.630	25.688	20,140	4,908	58,140	13,540	4.540

SP-SF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SF040AR0	4.000	5.500	4.555	4.945	5.115	6,350	3,736	18,340	8,420	1.920
SP-SF042AR0	4.250	5.750	4.805	5.195	5.365	6,600	3,805	19,050	8,630	2.040
SP-SF045AR0	4.500	6.000	5.055	5.445	5.615	7,090	3,966	20,460	9,050	2.140
SP-SF047AR0	4.750	6.250	5.305	5.695	5.865	7,330	4,034	21,160	9,260	2.260
SP-SF050AR0	5.000	6.500	5.555	5.945	6.115	7,570	4,101	21,870	9,460	2.370
SP-SF055AR0	5.500	7.000	6.055	6.445	6.613	8,310	4,319	23,980	10,060	2.590
SP-SF060AR0	6.000	7.500	6.555	6.945	7.113	9,040	4,530	26,100	10,650	2.720
SP-SF065AR0	6.500	8.000	7.055	7.445	7.613	9,770	4,734	28,220	11,220	2.940
SP-SF070AR0	7.000	8.500	7.555	7.945	8.113	10,510	4,932	30,330	11,770	3.160
SP-SF075AR0	7.500	9.000	8.055	8.445	8.610	11,000	5,052	31,740	12,130	3.390
SP-SF080AR0	8.000	9.500	8.555	8.945	9.110	11,730	5,242	33,860	12,670	3.610
SP-SF090AR0	9.000	10.500	9.555	9.945	10.108	13,190	5,608	38,090	13,700	3.950
SP-SF100AR0	10.000	11.500	10.555	10.945	11.106	14,420	5,890	41,620	14,530	4.400
SP-SF110AR0	11.000	12.500	11.555	11.945	12.106	15,880	6,227	45,850	15,500	4.750
SP-SF120AR0	12.000	13.500	12.555	12.945	13.104	17,100	6,487	49,380	16,290	5.200
SP-SF140AR0	14.000	15.500	14.555	14.945	15.102	19,790	7,043	57,140	17,950	5.760
SP-SF160AR0	16.000	17.500	16.555	16.945	17.098	22,480	7,563	64,890	19,540	6.780
SP-SF180AR0	18.000	19.500	18.555	18.945	19.096	25,410	8,103	73,360	21,210	7.670
SP-SF200AR0	20.000	21.500	20.555	20.945	21.092	28,100	8,562	81,120	22,680	8.470
SP-SF250AR0	25.000	26.500	25.555	25.945	26.085	34,700	9,585	100,200	26,100	10.5

SP-SG Series · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	L3 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SG040AR0	4.000	6.000	4.742	5.258	5.491	9,480	6,281	27,360	13,630	3.610
SP-SG042AR0	4.250	6.250	4.992	5.508	5.741	9,950	6,438	28,730	14,090	3.830
SP-SG045AR0	4.500	6.500	5.242	5.758	5.989	10,430	6,562	30,100	14,530	3.950
SP-SG047AR0	4.750	6.750	5.492	6.008	6.239	10,900	6,745	31,460	14,970	4.170
SP-SG050AR0	5.000	7.000	5.742	6.258	6.489	11,370	6,897	32,830	15,400	4.420
SP-SG055AR0	5.500	7.500	6.242	6.758	6.989	12,320	7,192	35,570	16,240	4.730
SP-SG060AR0	6.000	8.000	6.742	7.258	7.489	13,270	7,480	38,300	17,060	5.070
SP-SG065AR0	6.500	8.500	7.242	7.758	7.987	14,220	7,761	41,040	17,870	5.410
SP-SG070AR0	7.000	9.000	7.742	8.258	8.487	15,160	8,035	43,780	18,650	5.870
SP-SG075AR0	7.500	9.500	8.242	8.758	8.987	16,110	8,303	46,510	19,420	6.200
SP-SG080AR0	8.000	10.000	8.742	9.258	9.485	17,060	8,566	49,250	20,180	6.540
SP-SG090AR0	9.000	11.000	9.742	10.258	10.485	18,960	9,073	54,720	21,640	7.220
SP-SG100AR0	10.000	12.000	10.742	11.258	11.483	20,850	9,561	60,190	23,060	8.000
SP-SG110AR0	11.000	13.000	11.742	12.258	12.481	22,750	10,027	65,660	24,440	8.680
SP-SG120AR0	12.000	14.000	12.742	13.258	13.481	24,640	10,481	71,140	25,780	9.470
SP-SG140AR0	14.000	16.000	14.742	15.258	15.478	28,430	11,338	82,080	28,360	10.9
SP-SG160AR0	16.000	18.000	16.742	17.258	17.474	32,220	12,142	93,020	30,830	12.4
SP-SG180AR0	18.000	20.000	18.742	19.258	19.472	36,020	12,898	104,000	33,200	13.8
SP-SG200AR0	20.000	22.000	20.742	21.258	21.468	39,810	13,612	114,900	35,490	15.2
SP-SG220AR0	22.000	24.000	22.742	23.258	23.468	43,598	14,290	125,856	37,712	16.6
SP-SG250AR0	25.000	27.000	25.742	26.258	26.461	49,280	15,239	142,300	40,920	18.8

Radial Contact (Type C)

SP-SAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-SAA10CL0	1.000	1.375	1.140	1.235	290	188	0.026
SP-SAA15CL0	1.500	1.875	1.640	1.735	400	225	0.039
SP-SAA17CL0	1.750	2.125	1.890	1.985	460	242	0.045

SP-SA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-SA020CP0	2.000	2.500	2.186	2.314	680	393	0.100
SP-SA025CP0	2.500	3.000	2.686	2.814	830	442	0.130
SP-SA030CP0	3.000	3.500	3.186	3.314	990	487	0.150
SP-SA035CP0	3.500	4.000	3.686	3.814	1,140	530	0.180
SP-SA040CP0	4.000	4.500	4.186	4.314	1,290	571	0.190
SP-SA042CP0	4.250	4.750	4.436	4.564	1,370	591	0.200
SP-SA045CP0	4.500	5.000	4.686	4.814	1,440	610	0.220
SP-SA047CP0	4.750	5.250	4.936	5.064	1,520	629	0.230
SP-SA050CP0	5.000	5.500	5.186	5.314	1,590	648	0.240
SP-SA055CP0	5.500	6.000	5.686	5.814	1,750	685	0.250
SP-SA060CP0	6.000	6.500	6.186	6.314	1,900	720	0.280
SP-SA065CP0	6.500	7.000	6.686	6.814	2,050	754	0.300
SP-SA070CP0	7.000	7.500	7.186	7.314	2,200	787	0.310
SP-SA075CP0	7.500	8.000	7.686	7.814	2,350	820	0.340
SP-SA080CP0	8.000	8.500	8.186	8.314	2,500	851	0.380
SP-SA090CP0	9.000	9.500	9.186	9.314	2,810	912	0.440
SP-SA100CP0	10.000	10.500	10.186	10.314	3,110	969	0.500
SP-SA110CP0	11.000	11.500	11.186	11.314	3,410	1,025	0.520
SP-SA120CP0	12.000	12.500	12.186	12.314	3,720	1,078	0.560

SP-SB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-SB020CP0	2.000	2.625	2.231	2.393	930	577	0.160
SP-SB025CP0	2.500	3.125	2.731	2.893	1,140	644	0.200
SP-SB030CP0	3.000	3.625	3.231	3.393	1,340	707	0.240
SP-SB035CP0	3.500	4.125	3.731	3.893	1,540	767	0.270
SP-SB040CP0	4.000	4.625	4.231	4.393	1,750	825	0.300
SP-SB042CP0	4.250	4.875	4.481	4.643	1,830	846	0.310
SP-SB045CP0	4.500	5.125	4.731	4.893	1,950	880	0.330
SP-SB047CP0	4.750	5.375	4.981	5.143	2,030	901	0.340
SP-SB050CP0	5.000	5.625	5.231	5.393	2,150	933	0.380
SP-SB055CP0	5.500	6.125	5.731	5.893	2,360	984	0.410
SP-SB060CP0	6.000	6.625	6.231	6.393	2,560	1,034	0.440
SP-SB065CP0	6.500	7.125	6.731	6.893	2,760	1,082	0.470
SP-SB070CP0	7.000	7.625	7.231	7.393	2,970	1,129	0.500
SP-SB075CP0	7.500	8.125	7.731	7.893	3,170	1,175	0.530
SP-SB080CP0	8.000	8.625	8.231	8.393	3,370	1,219	0.570
SP-SB090CP0	9.000	9.625	9.231	9.393	3,780	1,304	0.660
SP-SB100CP0	10.000	10.625	10.231	10.393	4,190	1,386	0.730
SP-SB110CP0	11.000	11.625	11.231	11.393	4,590	1,464	0.750
SP-SB120CP0	12.000	12.625	12.231	12.393	5,000	1,539	0.830
SP-SB140CP0	14.000	14.625	14.231	14.393	5,810	1,680	1.050
SP-SB160CP0	16.000	16.625	16.231	16.393	6,620	1,812	1.200
SP-SB180CP0	18.000	18.625	18.231	18.393	7,440	1,936	1.350
SP-SB200CP0	20.000	20.625	20.231	20.393	8,250	2,053	1.500

SP-SC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-SC040CP0	4.000	4.750	4.277	4.473	2,100	1,073	0.450
SP-SC042CP0	4.250	5.000	4.527	4.723	2,220	1,108	0.470
SP-SC045CP0	4.500	5.250	4.777	4.973	2,340	1,143	0.480
SP-SC047CP0	4.750	5.500	5.027	5.223	2,460	1,176	0.500
SP-SC050CP0	5.000	5.750	5.277	5.473	2,590	1,209	0.580
SP-SC055CP0	5.500	6.250	5.777	5.973	2,830	1,274	0.590
SP-SC060CP0	6.000	6.750	6.277	6.473	3,070	1,337	0.630
SP-SC065CP0	6.500	7.250	6.777	6.973	3,310	1,397	0.680
SP-SC070CP0	7.000	7.750	7.277	7.473	3,550	1,457	0.730
SP-SC075CP0	7.500	8.250	7.777	7.973	3,790	1,514	0.780
SP-SC080CP0	8.000	8.750	8.277	8.473	4,030	1,570	0.840
SP-SC090CP0	9.000	9.750	9.277	9.473	4,510	1,678	0.940
SP-SC100CP0	10.000	10.750	10.277	10.473	4,990	1,781	1.060
SP-SC110CP0	11.000	11.750	11.277	11.473	5,470	1,879	1.160
SP-SC120CP0	12.000	12.750	12.277	12.473	5,950	1,974	1.250
SP-SC140CP0	14.000	14.750	14.277	14.473	6,910	2,154	1.520
SP-SC160CP0	16.000	16.750	16.277	16.473	7,880	2,321	1.730
SP-SC180CP0	18.000	18.750	18.277	18.473	8,840	2,478	1.940
SP-SC200CP0	20.000	20.750	20.277	20.473	9,800	2,626	2.160
SP-SC250CP0	25.000	25.750	25.277	25.473	12,200	2,962	2.690

SP-SD Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-SD040CP0	4.000	5.000	4.370	4.630	3,080	1,755	0.780
SP-SD042CP0	4.250	5.250	4.620	4.880	3,190	1,787	0.830
SP-SD045CP0	4.500	5.500	4.870	5.130	3,420	1,861	0.880
SP-SD047CP0	4.750	5.750	5.120	5.380	3,530	1,892	0.940
SP-SD050CP0	5.000	6.000	5.370	5.630	3,760	1,964	1.000
SP-SD055CP0	5.500	6.500	5.870	6.130	4,100	2,063	1.060
SP-SD060CP0	6.000	7.000	6.370	6.630	4,450	2,160	1.160
SP-SD065CP0	6.500	7.500	6.870	7.130	4,790	2,254	1.220
SP-SD070CP0	7.000	8.000	7.370	7.630	5,130	2,345	1.310
SP-SD075CP0	7.500	8.500	7.870	8.130	5,470	2,434	1.410
SP-SD080CP0	8.000	9.000	8.370	8.630	5,810	2,520	1.530
SP-SD090CP0	9.000	10.000	9.370	9.630	6,500	2,688	1.720
SP-SD100CP0	10.000	11.000	10.370	10.630	7,180	2,847	1.880
SP-SD110CP0	11.000	12.000	11.370	11.630	7,870	3,000	2.060
SP-SD120CP0	12.000	13.000	12.370	12.630	8,550	3,148	2.250
SP-SD140CP0	14.000	15.000	14.370	14.630	9,920	3,427	2.730
SP-SD160CP0	16.000	17.000	16.370	16.630	11,290	3,688	3.100
SP-SD180CP0	18.000	19.000	18.370	18.630	12,650	3,933	3.480
SP-SD200CP0	20.000	21.000	20.370	20.630	14,020	4,164	3.850
SP-SD210CP0	21.000	22.000	21.370	21.630	14,706	4,274	4.040
SP-SD250CP0	25.000	26.000	25.370	25.630	17,440	4,689	4.790

SP-SF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-SF040CP0	4.000	5.500	4.555	4.945	5,360	3,559	1.900
SP-SF042CP0	4.250	5.750	4.805	5.195	5,640	3,655	2.000
SP-SF045CP0	4.500	6.000	5.055	5.445	5,930	3,750	2.100
SP-SF047CP0	4.750	6.250	5.305	5.695	6,210	3,843	2.200
SP-SF050CP0	5.000	6.500	5.555	5.945	6,490	3,936	2.300
SP-SF055CP0	5.500	7.000	6.055	6.445	7,050	4,116	2.500
SP-SF060CP0	6.000	7.500	6.555	6.945	7,620	4,291	2.700
SP-SF065CP0	6.500	8.000	7.055	7.445	8,180	4,461	2.900

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-SF070CP0	7.000	8.500	7.555	7.945	8,750	4,628	3.200
SP-SF075CP0	7.500	9.000	8.055	8.445	9,310	4,791	3.400
SP-SF080CP0	8.000	9.500	8.555	8.945	9,880	4,949	3.500
SP-SF090CP0	9.000	10.500	9.555	9.945	11,000	5,256	3.900
SP-SF100CP0	10.000	11.500	10.555	10.945	12,130	5,550	4.300
SP-SF110CP0	11.000	12.500	11.555	11.945	13,260	5,833	4.800
SP-SF120CP0	12.000	13.500	12.555	12.945	14,390	6,105	5.200
SP-SF140CP0	14.000	15.500	14.555	14.945	16,650	6,620	6.000
SP-SF160CP0	16.000	17.500	16.555	16.945	18,900	7,104	7.100
SP-SF180CP0	18.000	19.500	18.555	18.945	21,160	7,557	7.900
SP-SF200CP0	20.000	21.500	20.555	20.945	23,420	7,986	8.900
SP-SF250CP0	25.000	26.500	25.555	25.945	29,060	8,963	10.9

SP-SG Series · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Weight (lb)
SP-SG040CP0	4.000	6.000	4.742	5.258	8,210	6,115	3.600
SP-SG042CP0	4.250	6.250	4.992	5.508	8,210	6,061	3.800
SP-SG045CP0	4.500	6.500	5.242	5.758	8,760	6,227	4.000
SP-SG047CP0	4.750	6.750	5.492	6.008	9,300	6,487	4.100
SP-SG050CP0	5.000	7.000	5.742	6.258	9,850	6,691	4.300
SP-SG055CP0	5.500	7.500	6.242	6.758	10,400	6,850	4.700
SP-SG060CP0	6.000	8.000	6.742	7.258	11,490	7,241	5.100
SP-SG065CP0	6.500	8.500	7.242	7.758	12,040	7,393	5.400
SP-SG070CP0	7.000	9.000	7.742	8.258	13,130	7,764	5.800
SP-SG075CP0	7.500	9.500	8.242	8.758	13,680	7,911	6.100
SP-SG080CP0	8.000	10.000	8.742	9.258	14,770	8,265	6.500
SP-SG090CP0	9.000	11.000	9.742	10.258	16,420	8,743	7.200
SP-SG100CP0	10.000	12.000	10.742	11.258	18,060	9,204	7.900
SP-SG110CP0	11.000	13.000	11.742	12.258	19,700	9,648	8.600
SP-SG120CP0	12.000	14.000	12.742	13.258	21,340	10,074	9.300
SP-SG140CP0	14.000	16.000	14.742	15.258	24,620	10,886	10.8
SP-SG160CP0	16.000	18.000	16.742	17.258	27,910	11,648	12.3
SP-SG180CP0	18.000	20.000	18.742	19.258	31,190	12,367	13.7
SP-SG200CP0	20.000	22.000	20.742	21.258	34,470	13,044	15.8
SP-SG220CP0	22.000	24.000	22.742	23.258	37,757	13,685	16.8
SP-SG250CP0	25.000	27.000	25.742	26.258	42,680	14,591	19.5

Four-Point Contact (Type X)

SP-SAA Series · 3/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SAA10XL0	1.000	1.375	1.140	1.235	290	247	730	370	0.026
SP-SAA15XL0	1.500	1.875	1.640	1.735	400	296	1,000	460	0.039
SP-SAA17XL0	1.750	2.125	1.890	1.985	460	319	1,140	500	0.045

SP-SA Series · 1/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SA020XP0	2.000	2.500	2.186	2.314	680	514	1,710	790	0.100
SP-SA025XP0	2.500	3.000	2.686	2.814	830	583	2,090	910	0.130
SP-SA027XP0	2.750	3.250	2.936	3.064	910	614	2,275	960	0.140
SP-SA030XP0	3.000	3.500	3.186	3.314	990	643	2,470	1,010	0.150
SP-SA035XP0	3.500	4.000	3.686	3.814	1,140	701	2,850	1,110	0.180
SP-SA040XP0	4.000	4.500	4.186	4.314	1,290	756	3,220	1,210	0.190
SP-SA042XP0	4.250	4.750	4.436	4.564	1,370	783	3,410	1,260	0.200
SP-SA045XP0	4.500	5.000	4.686	4.814	1,440	809	3,600	1,310	0.220

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SA047XP0	4.750	5.250	4.936	5.064	1,520	834	3,790	1,350	0.230
SP-SA050XP0	5.000	5.500	5.186	5.314	1,590	859	3,980	1,400	0.240
SP-SA055XP0	5.500	6.000	5.686	5.814	1,750	908	4,360	1,480	0.250
SP-SA060XP0	6.000	6.500	6.186	6.314	1,900	955	4,740	1,570	0.280
SP-SA065XP0	6.500	7.000	6.686	6.814	2,050	1,001	5,120	1,650	0.300
SP-SA070XP0	7.000	7.500	7.186	7.314	2,200	1,046	5,500	1,730	0.310
SP-SA075XP0	7.500	8.000	7.686	7.814	2,350	1,089	5,880	1,810	0.340
SP-SA080XP0	8.000	8.500	8.186	8.314	2,500	1,131	6,260	1,890	0.380
SP-SA090XP0	9.000	9.500	9.186	9.314	2,810	1,212	7,020	2,040	0.440
SP-SA100XP0	10.000	10.500	10.186	10.314	3,110	1,289	7,780	2,180	0.500
SP-SA110XP0	11.000	11.500	11.186	11.314	3,410	1,362	8,540	2,320	0.520
SP-SA120XP0	12.000	12.500	12.186	12.314	3,720	1,433	9,300	2,450	0.560

SP-SB Series · 5/16" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SB020XP0	2.000	2.625	2.231	2.393	930	758	2,340	1,130	0.160
SP-SB025XP0	2.500	3.125	2.731	2.893	1,140	848	2,840	1,290	0.190
SP-SB030XP0	3.000	3.625	3.231	3.393	1,340	933	3,350	1,440	0.240
SP-SB035XP0	3.500	4.125	3.731	3.893	1,540	1,014	3,860	1,590	0.270
SP-SB040XP0	4.000	4.625	4.231	4.393	1,750	1,091	4,370	1,720	0.300
SP-SB042XP0	4.250	4.875	4.481	4.643	1,830	1,120	4,570	1,780	0.310
SP-SB045XP0	4.500	5.125	4.731	4.893	1,950	1,165	4,880	1,850	0.330
SP-SB047XP0	4.750	5.375	4.981	5.143	2,030	1,193	5,080	1,900	0.340
SP-SB050XP0	5.000	5.625	5.231	5.393	2,150	1,236	5,380	1,980	0.380
SP-SB055XP0	5.500	6.125	5.731	5.893	2,360	1,304	5,890	2,100	0.410
SP-SB060XP0	6.000	6.625	6.231	6.393	2,560	1,371	6,400	2,220	0.440
SP-SB065XP0	6.500	7.125	6.731	6.893	2,760	1,435	6,910	2,340	0.470
SP-SB070XP0	7.000	7.625	7.231	7.393	2,970	1,498	7,420	2,450	0.500
SP-SB075XP0	7.500	8.125	7.731	7.893	3,170	1,559	7,920	2,560	0.530
SP-SB080XP0	8.000	8.625	8.231	8.393	3,370	1,618	8,430	2,670	0.570
SP-SB090XP0	9.000	9.625	9.231	9.393	3,780	1,732	9,450	2,880	0.660
SP-SB100XP0	10.000	10.625	10.231	10.393	4,190	1,841	10,460	3,080	0.730
SP-SB110XP0	11.000	11.625	11.231	11.393	4,590	1,945	11,480	3,280	0.750
SP-SB120XP0	12.000	12.625	12.231	12.393	5,000	2,045	12,500	3,470	0.830
SP-SB140XP0	14.000	14.625	14.231	14.393	5,810	2,234	14,530	3,840	1.050
SP-SB160XP0	16.000	16.625	16.231	16.393	6,620	2,410	16,560	4,190	1.200
SP-SB180XP0	18.000	18.625	18.231	18.393	7,440	2,576	18,590	4,520	1.350
SP-SB200XP0	20.000	20.625	20.231	20.393	8,250	2,731	20,620	4,850	1.500

SP-SC Series · 3/8" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SC040XP0	4.000	4.750	4.277	4.473	2,100	1,417	5,260	2,210	0.450
SP-SC042XP0	4.250	5.000	4.527	4.723	2,220	1,464	5,560	2,290	0.470
SP-SC045XP0	4.500	5.250	4.777	4.973	2,340	1,510	5,860	2,380	0.480
SP-SC047XP0	4.750	5.500	5.027	5.223	2,460	1,556	6,160	2,460	0.500
SP-SC050XP0	5.000	5.750	5.277	5.473	2,590	1,600	6,460	2,540	0.580
SP-SC055XP0	5.500	6.250	5.777	5.973	2,830	1,687	7,060	2,690	0.590
SP-SC060XP0	6.000	6.750	6.277	6.473	3,070	1,770	7,660	2,840	0.630
SP-SC065XP0	6.500	7.250	6.777	6.973	3,310	1,851	8,270	2,990	0.680
SP-SC070XP0	7.000	7.750	7.277	7.473	3,550	1,931	8,870	3,130	0.730
SP-SC075XP0	7.500	8.250	7.777	7.973	3,790	2,007	9,470	3,270	0.780
SP-SC080XP0	8.000	8.750	8.277	8.473	4,030	2,082	10,070	3,410	0.840
SP-SC090XP0	9.000	9.750	9.277	9.473	4,510	2,226	11,270	3,670	0.940
SP-SC100XP0	10.000	10.750	10.277	10.473	4,990	2,364	12,470	3,930	1.060
SP-SC110XP0	11.000	11.750	11.277	11.473	5,470	2,496	13,680	4,180	1.160
SP-SC120XP0	12.000	12.750	12.277	12.473	5,950	2,622	14,880	4,420	1.250

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SC140XP0	14.000	14.750	14.277	14.473	6,910	2,862	17,280	4,890	1.520
SP-SC160XP0	16.000	16.750	16.277	16.473	7,880	3,086	19,690	5,330	1.730
SP-SC180XP0	18.000	18.750	18.277	18.473	8,840	3,295	22,090	5,760	1.940
SP-SC200XP0	20.000	20.750	20.277	20.473	9,800	3,492	24,500	6,170	2.160
SP-SC250XP0	25.000	25.750	25.277	25.473	12,200	3,941	30,510	7,140	2.690

SP-SD Series · 1/2" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SD040XP0	4.000	5.000	4.370	4.630	3,080	2,311	7,700	3,520	0.780
SP-SD042XP0	4.250	5.250	4.620	4.880	3,190	2,355	7,980	3,600	0.830
SP-SD045XP0	4.500	5.500	4.870	5.130	3,420	2,454	8,550	3,770	0.880
SP-SD047XP0	4.750	5.750	5.120	5.380	3,530	2,496	8,840	3,860	0.940
SP-SD050XP0	5.000	6.000	5.370	5.630	3,760	2,592	9,410	4,020	1.000
SP-SD055XP0	5.500	6.500	5.870	6.130	4,100	2,725	10,260	4,260	1.060
SP-SD060XP0	6.000	7.000	6.370	6.630	4,450	2,855	11,120	4,490	1.160
SP-SD065XP0	6.500	7.500	6.870	7.130	4,790	2,980	11,970	4,720	1.220
SP-SD070XP0	7.000	8.000	7.370	7.630	5,130	3,103	12,830	4,940	1.310
SP-SD075XP0	7.500	8.500	7.870	8.130	5,470	3,222	13,680	5,160	1.410
SP-SD080XP0	8.000	9.000	8.370	8.630	5,810	3,338	14,540	5,370	1.530
SP-SD090XP0	9.000	10.000	9.370	9.630	6,500	3,561	16,250	5,790	1.720
SP-SD100XP0	10.000	11.000	10.370	10.630	7,180	3,776	17,960	6,190	1.880
SP-SD110XP0	11.000	12.000	11.370	11.630	7,870	3,981	19,670	6,570	2.060
SP-SD120XP0	12.000	13.000	12.370	12.630	8,550	4,178	21,380	6,950	2.250
SP-SD140XP0	14.000	15.000	14.370	14.630	9,920	4,551	24,800	7,670	2.730
SP-SD160XP0	16.000	17.000	16.370	16.630	11,290	4,899	28,220	8,360	3.100
SP-SD180XP0	18.000	19.000	18.370	18.630	12,650	5,226	31,640	9,030	3.480
SP-SD200XP0	20.000	21.000	20.370	20.630	14,020	5,534	35,060	9,670	3.850
SP-SD210XP0	21.000	22.000	21.370	21.630	14,710	5,682	36,770	9,980	4.040
SP-SD250XP0	25.000	26.000	25.370	25.630	17,440	6,235	43,610	11,180	4.790

SP-SF Series · 3/4" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SF040XP0	4.000	5.500	4.555	4.945	5,360	4,665	13,400	6,830	1.900
SP-SF042XP0	4.250	5.750	4.805	5.195	5,640	4,795	14,110	7,070	2.000
SP-SF045XP0	4.500	6.000	5.055	5.445	5,930	4,923	14,810	7,300	2.100
SP-SF047XP0	4.750	6.250	5.305	5.695	6,210	5,048	15,520	7,530	2.200
SP-SF050XP0	5.000	6.500	5.555	5.945	6,490	5,172	16,220	7,760	2.300
SP-SF055XP0	5.500	7.000	6.055	6.445	7,050	5,415	17,630	8,200	2.500
SP-SF060XP0	6.000	7.500	6.555	6.945	7,620	5,651	19,050	8,630	2.700
SP-SF065XP0	6.500	8.000	7.055	7.445	8,180	5,880	20,460	9,050	2.900
SP-SF070XP0	7.000	8.500	7.555	7.945	8,750	6,103	21,870	9,460	3.200
SP-SF075XP0	7.500	9.000	8.055	8.445	9,310	6,323	23,280	9,870	3.400
SP-SF080XP0	8.000	9.500	8.555	8.945	9,880	6,535	24,690	10,260	3.500
SP-SF090XP0	9.000	10.500	9.555	9.945	11,000	6,947	27,510	11,030	3.900
SP-SF100XP0	10.000	11.500	10.555	10.945	12,130	7,342	30,330	11,770	4.300
SP-SF110XP0	11.000	12.500	11.555	11.945	13,260	7,721	33,150	12,490	4.800
SP-SF120XP0	12.000	13.500	12.555	12.945	14,390	8,084	35,970	13,190	5.200
SP-SF140XP0	14.000	15.500	14.555	14.945	16,650	8,775	41,620	14,530	6.000
SP-SF160XP0	16.000	17.500	16.555	16.945	18,900	9,421	47,260	15,820	7.100
SP-SF180XP0	18.000	19.500	18.555	18.945	21,160	10,028	52,900	17,060	7.900
SP-SF200XP0	20.000	21.500	20.555	20.945	23,420	10,602	58,550	18,250	8.900
SP-SF250XP0	25.000	26.500	25.555	25.945	29,060	11,909	72,650	21,070	10.9

SP-SG Series · 1" radial section · capacities in lbf

SlimPro part no.	Bore (in)	OD (in)	L1 (in)	L2 (in)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (lb)
SP-SG040XP0	4.000	6.000	4.742	5.258	8,210	7,979	20,520	11,260	3.600
SP-SG042XP0	4.250	6.250	4.992	5.508	8,210	7,917	20,520	11,260	3.800
SP-SG045XP0	4.500	6.500	5.242	5.758	8,760	8,205	21,890	11,750	4.000
SP-SG047XP0	4.750	6.750	5.492	6.008	9,300	8,487	23,260	12,230	4.100
SP-SG050XP0	5.000	7.000	5.742	6.258	9,850	8,762	24,620	12,710	4.300
SP-SG055XP0	5.500	7.500	6.242	6.758	10,400	8,979	25,990	13,180	4.700
SP-SG060XP0	6.000	8.000	6.742	7.258	11,490	9,503	28,730	14,090	5.100
SP-SG065XP0	6.500	8.500	7.242	7.758	12,040	9,713	30,100	14,530	5.400
SP-SG070XP0	7.000	9.000	7.742	8.258	13,130	10,208	32,830	15,400	5.800
SP-SG075XP0	7.500	9.500	8.242	8.758	13,680	10,410	34,200	15,820	6.100
SP-SG080XP0	8.000	10.000	8.742	9.258	14,770	10,882	36,940	16,650	6.500
SP-SG090XP0	9.000	11.000	9.742	10.258	16,420	11,526	41,040	17,870	7.200
SP-SG100XP0	10.000	12.000	10.742	11.258	18,060	12,147	45,140	19,040	7.900
SP-SG110XP0	11.000	13.000	11.742	12.258	19,700	12,739	49,250	20,180	8.600
SP-SG120XP0	12.000	14.000	12.742	13.258	21,340	13,315	53,350	21,280	9.300
SP-SG140XP0	14.000	16.000	14.742	15.258	24,620	14,404	61,560	23,410	10.8
SP-SG160XP0	16.000	18.000	16.742	17.258	27,910	15,425	69,770	25,450	12.3
SP-SG180XP0	18.000	20.000	18.742	19.258	31,190	16,386	77,980	27,410	13.7
SP-SG200XP0	20.000	22.000	20.742	21.258	34,470	17,293	86,180	29,300	15.8
SP-SG250XP0	25.000	27.000	25.742	26.258	42,680	19,360	106,700	33,780	19.5

SIZE TABLES

Metric Series

True metric thin section bearings in 8, 13 and 20 mm cross sections.

Angular Contact (Type A)

SP-8 mm Series · 8 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (kg)
SP-K02508AR0	25.0	41.0	30.9	35.1	37.2	372	272	1,073	561	0.060
SP-K05008AR0	50.0	66.0	55.9	60.1	62.2	656	367	1,894	819	0.080
SP-K06008AR0	60.0	76.0	65.9	70.1	72.2	787	408	2,273	925	0.090
SP-K07008AR0	70.0	86.0	75.9	80.1	82.2	896	440	2,588	1,009	0.100
SP-K08008AR0	80.0	96.0	85.9	90.1	92.2	1,006	470	2,903	1,090	0.120
SP-K09008AR0	90.0	106.0	95.9	100.1	102.2	1,137	505	3,282	1,182	0.130
SP-K10008AR0	100.0	116.0	105.9	110.1	112.2	1,246	533	3,598	1,257	0.140
SP-K11008AR0	110.0	126.0	115.9	120.1	122.2	1,356	561	3,914	1,329	0.150
SP-K12008AR0	120.0	136.0	125.9	130.1	132.2	1,465	587	4,229	1,400	0.160
SP-K13008AR0	130.0	146.0	135.9	140.1	142.2	1,596	618	4,608	1,482	0.170
SP-K14008AR0	140.0	156.0	145.9	150.1	152.2	1,706	643	4,923	1,549	0.180
SP-K15008AR0	150.0	166.0	155.9	160.1	162.2	1,815	667	5,239	1,615	0.200
SP-K16008AR0	160.0	176.0	165.9	170.1	172.2	1,946	696	5,618	1,691	0.200
SP-K17008AR0	170.0	186.0	175.9	180.1	182.1	2,055	720	5,933	1,754	0.210
SP-K18008AR0	180.0	196.0	185.9	190.1	192.1	2,165	742	6,249	1,816	0.220
SP-K19008AR0	190.0	206.0	195.9	200.1	202.1	2,296	769	6,628	1,889	0.230
SP-K20008AR0	200.0	216.0	205.9	210.1	212.1	2,405	791	6,944	1,948	0.230
SP-K25008AR0	250.0	266.0	255.9	260.1	262.1	2,974	897	8,585	2,244	0.280
SP-K30008AR0	300.0	316.0	305.9	310.1	312.1	3,564	999	10,289	2,532	0.330
SP-K32008AR0	320.0	336.0	325.9	330.1	332.1	3,805	1,039	10,983	2,645	0.360
SP-K34008AR0	340.0	356.0	345.9	350.1	352.1	4,023	1,073	11,614	2,745	0.380
SP-K36008AR0	360.0	376.0	365.9	370.1	372.1	4,264	1,110	12,309	2,854	0.400

SP-13 mm Series · 13 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (kg)
SP-K02513AR0	25.0	51.0	34.7	41.3	44.7	616	554	1,778	1,075	0.130
SP-K05013AR0	50.0	76.0	59.7	66.3	69.6	1,064	725	3,070	1,547	0.200
SP-K06013AR0	60.0	86.0	69.7	76.3	79.6	1,232	782	3,555	1,706	0.220
SP-K07013AR0	70.0	96.0	79.7	86.3	89.6	1,456	860	4,201	1,906	0.250
SP-K08013AR0	80.0	106.0	89.7	96.3	99.6	1,623	913	4,686	2,050	0.280
SP-K09013AR0	90.0	116.0	99.7	106.3	109.6	1,791	964	5,171	2,190	0.310
SP-K10013AR0	100.0	126.0	109.7	116.3	119.6	1,959	1,013	5,656	2,324	0.340
SP-K11013AR0	110.0	136.0	119.7	126.3	129.6	2,127	1,061	6,141	2,455	0.370
SP-K12013AR0	120.0	146.0	129.7	136.3	139.6	2,295	1,108	6,625	2,583	0.390
SP-K13013AR0	130.0	156.0	139.7	146.3	149.6	2,519	1,171	7,272	2,748	0.420
SP-K14013AR0	140.0	166.0	149.7	156.3	159.5	2,687	1,215	7,757	2,869	0.450
SP-K15013AR0	150.0	176.0	159.7	166.3	169.5	2,855	1,258	8,241	2,987	0.480
SP-K16013AR0	160.0	186.0	169.7	176.3	179.5	3,023	1,301	8,726	3,104	0.510
SP-K17013AR0	170.0	196.0	179.7	186.3	189.5	3,191	1,342	9,211	3,217	0.540
SP-K18013AR0	180.0	206.0	189.7	196.3	199.5	3,359	1,382	9,696	3,329	0.560
SP-K19013AR0	190.0	216.0	199.7	206.3	209.5	3,527	1,422	10,181	3,439	0.590
SP-K20013AR0	200.0	226.0	209.7	216.3	219.4	3,750	1,476	10,827	3,586	0.620
SP-K25013AR0	250.0	276.0	259.7	266.3	269.4	4,590	1,659	13,251	4,100	0.760
SP-K30013AR0	300.0	326.0	309.7	316.3	319.3	5,486	1,840	15,837	4,618	0.900
SP-K32013AR0	320.0	346.0	329.7	336.3	339.3	5,822	1,904	16,806	4,804	0.960
SP-K34013AR0	340.0	366.0	349.7	356.3	359.2	6,213	1,978	17,937	5,017	1.020

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (kg)
SP-K36013AR0	360.0	386.0	369.7	376.3	379.2	6,550	2,038	18,907	5,196	1.070

SP-20 mm Series · 20 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (kg)
SP-K02520AR0	25.0	65.0	40.0	50.0	55.0	1,134	1,155	3,272	2,115	0.310
SP-K05020AR0	50.0	90.0	65.0	75.0	80.0	1,889	1,460	5,454	2,973	0.490
SP-K06020AR0	60.0	100.0	75.0	85.0	90.0	2,141	1,547	6,181	3,231	0.560
SP-K07020AR0	70.0	110.0	85.0	95.0	100.0	2,393	1,633	6,908	3,480	0.620
SP-K08020AR0	80.0	120.0	95.0	105.0	110.0	2,645	1,717	7,635	3,720	0.690
SP-K09020AR0	90.0	130.0	105.0	115.0	120.0	3,023	1,851	8,726	4,067	0.770
SP-K10020AR0	100.0	140.0	115.0	125.0	130.0	3,275	1,929	9,453	4,290	0.840
SP-K11020AR0	110.0	150.0	125.0	135.0	140.0	3,527	2,005	10,181	4,507	0.910
SP-K12020AR0	120.0	160.0	135.0	145.0	150.0	3,778	2,080	10,908	4,719	0.970
SP-K13020AR0	130.0	170.0	145.0	155.0	160.0	4,030	2,154	11,635	4,927	1.040
SP-K14020AR0	140.0	180.0	155.0	165.0	170.0	4,282	2,226	12,362	5,130	1.110
SP-K15020AR0	150.0	190.0	165.0	175.0	180.0	4,660	2,339	13,453	5,427	1.190
SP-K16020AR0	160.0	200.0	175.0	185.0	190.0	4,912	2,407	14,180	5,621	1.260
SP-K17020AR0	170.0	210.0	185.0	195.0	200.0	5,146	2,474	14,907	5,811	1.320
SP-K18020AR0	180.0	220.0	195.0	205.0	210.0	5,416	2,540	15,634	5,999	1.390
SP-K19020AR0	190.0	230.0	205.0	215.0	220.0	5,668	2,605	16,361	6,183	1.460
SP-K20020AR0	200.0	240.0	215.0	225.0	230.0	6,045	2,706	17,452	6,455	1.540
SP-K25020AR0	250.0	290.0	265.0	275.0	280.0	7,431	3,041	21,452	7,408	1.890
SP-K30020AR0	300.0	340.0	315.0	325.0	330.0	8,691	3,317	25,088	8,222	2.230
SP-K32020AR0	320.0	360.0	335.0	345.0	350.0	9,321	3,454	26,906	8,615	2.370
SP-K34020AR0	340.0	380.0	355.0	365.0	370.0	9,824	3,556	28,360	8,923	2.510
SP-K36020AR0	360.0	400.0	375.0	385.0	390.0	10,454	3,685	30,178	9,300	2.660

Radial Contact (Type C)

SP-8 mm Series · 8 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Weight (kg)
SP-K02508CP0	25.0	41.0	30.9	35.1	303	255	0.060
SP-K05008CP0	50.0	66.0	55.9	60.1	556	350	0.080
SP-K06008CP0	60.0	76.0	65.9	70.1	656	384	0.090
SP-K07008CP0	70.0	86.0	75.9	80.1	758	417	0.100
SP-K08008CP0	80.0	96.0	85.9	90.1	859	448	0.110
SP-K09008CP0	90.0	106.0	95.9	100.1	959	478	0.130
SP-K10008CP0	100.0	116.0	105.9	110.1	1,061	507	0.140
SP-K11008CP0	110.0	126.0	115.9	120.1	1,162	534	0.150
SP-K12008CP0	120.0	136.0	125.9	130.1	1,262	561	0.160
SP-K13008CP0	130.0	146.0	135.9	140.1	1,364	588	0.170
SP-K14008CP0	140.0	156.0	145.9	150.1	1,465	613	0.180
SP-K15008CP0	150.0	166.0	155.9	160.1	1,565	638	0.200
SP-K16008CP0	160.0	176.0	165.9	170.1	1,666	662	0.200
SP-K17008CP0	170.0	186.0	175.9	180.1	1,767	686	0.200
SP-K18008CP0	180.0	196.0	185.9	190.1	1,868	709	0.210
SP-K19008CP0	190.0	206.0	195.9	200.1	1,944	725	0.210
SP-K20008CP0	200.0	216.0	205.9	210.1	2,045	748	0.220
SP-K25008CP0	250.0	266.0	255.9	260.1	2,550	853	0.280
SP-K30008CP0	300.0	316.0	305.9	310.1	3,055	949	0.350
SP-K32008CP0	320.0	336.0	325.9	330.1	3,257	985	0.390
SP-K34008CP0	340.0	356.0	345.9	350.1	3,459	1,016	0.420
SP-K36008CP0	360.0	376.0	365.9	370.1	3,636	1,050	0.460

SP-8 mm Series (double sealed) · 8 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Speed (rpm)	Torque (in-oz)	Weight (kg)
SP-J02508CP0	25.0	41.0	30.25	35.78	303	255	5,580	0.02	0.060
SP-J05008CP0	50.0	66.0	55.25	60.78	556	350	3,180	0.04	0.080
SP-J06008CP0	60.0	76.0	65.25	70.78	656	384	2,710	0.05	0.090
SP-J07008CP0	70.0	86.0	75.25	80.78	758	417	2,360	0.07	0.100
SP-J08008CP0	80.0	96.0	85.25	90.78	859	448	2,090	0.09	0.110
SP-J09008CP0	90.0	106.0	95.25	100.78	959	478	1,880	0.12	0.130
SP-J10008CP0	100.0	116.0	105.25	110.78	1,061	507	1,700	0.15	0.140
SP-J11008CP0	110.0	126.0	115.25	120.78	1,162	534	1,560	0.18	0.150
SP-J12008CP0	120.0	136.0	125.25	130.78	1,262	561	1,440	0.22	0.160
SP-J13008CP0	130.0	146.0	135.25	140.78	1,364	588	1,330	0.26	0.170
SP-J14008CP0	140.0	156.0	145.25	150.78	1,465	613	1,240	0.3	0.180
SP-J15008CP0	150.0	166.0	155.25	160.78	1,565	638	1,160	0.35	0.200
SP-J16008CP0	160.0	176.0	165.25	170.78	1,666	662	1,090	0.4	0.200
SP-J17008CP0	170.0	186.0	175.25	180.78	1,767	686	1,030	0.46	0.200

SP-13 mm Series · 13 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Weight (kg)
SP-K02513CP0	25.0	51.0	34.7	41.3	517	535	0.110
SP-K05013CP0	50.0	76.0	59.7	66.3	905	697	0.180
SP-K06013CP0	60.0	86.0	69.7	76.3	1,099	775	0.210
SP-K07013CP0	70.0	96.0	79.7	86.3	1,228	819	0.240
SP-K08013CP0	80.0	106.0	89.7	96.3	1,358	862	0.260
SP-K09013CP0	90.0	116.0	99.7	106.3	1,551	931	0.290
SP-K10013CP0	100.0	126.0	109.7	116.3	1,681	971	0.320
SP-K11013CP0	110.0	136.0	119.7	126.3	1,875	1,035	0.350
SP-K12013CP0	120.0	146.0	129.7	136.3	2,004	1,073	0.380
SP-K13013CP0	130.0	156.0	139.7	146.3	2,133	1,110	0.410
SP-K14013CP0	140.0	166.0	149.7	156.3	2,327	1,169	0.440
SP-K15013CP0	150.0	176.0	159.7	166.3	2,456	1,204	0.460
SP-K16013CP0	160.0	186.0	169.7	176.3	2,586	1,239	0.490
SP-K17013CP0	170.0	196.0	179.7	186.3	2,780	1,294	0.520
SP-K18013CP0	180.0	206.0	189.7	196.3	2,909	1,327	0.550
SP-K19013CP0	190.0	216.0	199.7	206.3	3,038	1,360	0.580
SP-K20013CP0	200.0	226.0	209.7	216.3	3,232	1,411	0.610
SP-K25013CP0	250.0	276.0	259.7	266.3	4,008	1,598	0.750
SP-K30013CP0	300.0	326.0	309.7	316.3	4,719	1,754	0.890
SP-K32013CP0	320.0	346.0	329.7	336.3	5,042	1,823	0.950
SP-K34013CP0	340.0	366.0	349.7	356.3	5,365	1,889	1.010
SP-K36013CP0	360.0	386.0	369.7	376.3	5,688	1,954	1.060

SP-20 mm Series · 20 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Weight (kg)
SP-K02520CP0	25.0	65.0	40.0	50.0	1,018	1,178	0.340
SP-K05020CP0	50.0	90.0	65.0	75.0	1,600	1,410	0.510
SP-K06020CP0	60.0	100.0	75.0	85.0	1,745	1,452	0.580
SP-K07020CP0	70.0	110.0	85.0	95.0	2,036	1,573	0.650
SP-K08020CP0	80.0	120.0	95.0	105.0	2,181	1,617	0.720
SP-K09020CP0	90.0	130.0	105.0	115.0	2,473	1,730	0.800
SP-K10020CP0	100.0	140.0	115.0	125.0	2,618	1,773	0.860
SP-K11020CP0	110.0	150.0	125.0	135.0	2,909	1,880	0.940
SP-K12020CP0	120.0	160.0	135.0	145.0	3,200	1,982	1.010
SP-K13020CP0	130.0	170.0	145.0	155.0	3,345	2,023	1.080
SP-K14020CP0	140.0	180.0	155.0	165.0	3,636	2,121	1.150
SP-K15020CP0	150.0	190.0	165.0	175.0	3,781	2,161	1.200
SP-K16020CP0	160.0	200.0	175.0	185.0	4,072	2,254	1.300

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Weight (kg)
SP-K17020CP0	170.0	210.0	185.0	195.0	4,363	2,293	1.400
SP-K18020CP0	180.0	220.0	195.0	205.0	4,508	2,383	1.500
SP-K19020CP0	190.0	230.0	205.0	215.0	4,800	2,470	1.500
SP-K20020CP0	200.0	240.0	215.0	225.0	4,945	2,507	1.600
SP-K25020CP0	250.0	290.0	265.0	275.0	6,108	2,821	2.100
SP-K30020CP0	300.0	340.0	315.0	325.0	7,272	3,111	2.300
SP-K32020CP0	320.0	360.0	335.0	345.0	7,708	3,213	2.420
SP-K34020CP0	340.0	380.0	355.0	365.0	8,144	3,312	2.540
SP-K36020CP0	360.0	400.0	375.0	385.0	8,581	3,408	2.700

Four-Point Contact (Type X)

SP-8 mm Series · 8 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (kg)
SP-K02508XP0	25.0	41.0	30.9	35.1	334	331	758	469	0.060
SP-K05008XP0	50.0	66.0	55.9	60.1	555	460	1,389	666	0.080
SP-K06008XP0	60.0	76.0	65.9	70.1	656	506	1,641	745	0.090
SP-K07008XP0	70.0	86.0	75.9	80.1	757	549	1,894	819	0.100
SP-K08008XP0	80.0	96.0	85.9	90.1	859	591	2,146	890	0.110
SP-K09008XP0	90.0	106.0	95.9	100.1	959	631	2,399	959	0.130
SP-K10008XP0	100.0	116.0	105.9	110.1	1,060	670	2,651	1,025	0.140
SP-K11008XP0	110.0	126.0	115.9	120.1	1,162	707	2,903	1,090	0.150
SP-K12008XP0	120.0	136.0	125.9	130.1	1,262	743	3,156	1,152	0.160
SP-K13008XP0	130.0	146.0	135.9	140.1	1,363	778	3,409	1,212	0.180
SP-K14008XP0	140.0	156.0	145.9	150.1	1,465	812	3,661	1,271	0.190
SP-K15008XP0	150.0	166.0	155.9	160.1	1,565	846	3,914	1,329	0.200
SP-K16008XP0	160.0	176.0	165.9	170.1	1,666	878	4,166	1,386	0.200
SP-K17008XP0	170.0	186.0	175.9	180.1	1,767	910	4,418	1,441	0.200
SP-K18008XP0	180.0	196.0	185.9	190.1	1,868	941	4,671	1,495	0.210
SP-K19008XP0	190.0	206.0	195.9	200.1	1,944	963	4,860	1,536	0.210
SP-K20008XP0	200.0	216.0	205.9	210.1	2,045	992	5,113	1,588	0.220
SP-K25008XP0	250.0	266.0	255.9	260.1	2,550	1,133	6,375	1,840	0.280
SP-K30008XP0	300.0	316.0	305.9	310.1	3,055	1,261	7,638	2,076	0.350
SP-K32008XP0	320.0	336.0	325.9	330.1	3,257	1,310	8,143	2,166	0.390
SP-K34008XP0	340.0	356.0	345.9	350.1	3,459	1,350	8,648	2,255	0.420
SP-K36008XP0	360.0	376.0	365.9	370.1	3,636	1,396	9,089	2,330	0.460

SP-8 mm Series (double sealed) · 8 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Speed (rpm)	Torque (in-oz)	Weight (kg)
SP-J02508XP0	25.0	41.0	30.25	35.78	334	331	758	469	3,000	0.02	0.060
SP-J05008XP0	50.0	66.0	55.25	60.78	555	460	1,389	666	1,500	0.04	0.080
SP-J06008XP0	60.0	76.0	65.25	70.78	656	506	1,641	745	1,270	0.05	0.090
SP-J07008XP0	70.0	86.0	75.25	80.78	757	549	1,894	819	1,090	0.07	0.100
SP-J08008XP0	80.0	96.0	85.25	90.78	859	591	2,146	890	950	0.09	0.110
SP-J09008XP0	90.0	106.0	95.25	100.78	959	631	2,399	959	700	0.12	0.130
SP-J10008XP0	100.0	116.0	105.25	110.78	1,060	670	2,651	1,025	630	0.15	0.140
SP-J11008XP0	110.0	126.0	115.25	120.78	1,162	707	2,903	1,090	580	0.18	0.150
SP-J12008XP0	120.0	136.0	125.25	130.78	1,262	743	3,156	1,152	530	0.22	0.160
SP-J13008XP0	130.0	146.0	135.25	140.78	1,363	778	3,409	1,212	490	0.26	0.180
SP-J14008XP0	140.0	156.0	145.25	150.78	1,465	812	3,661	1,271	450	0.3	0.190
SP-J15008XP0	150.0	166.0	155.25	160.78	1,565	846	3,914	1,329	420	0.35	0.200
SP-J16008XP0	160.0	176.0	165.25	170.78	1,666	878	4,166	1,386	400	0.4	0.200
SP-J17008XP0	170.0	186.0	175.25	180.78	1,767	910	4,418	1,441	370	0.46	0.200

SP-13 mm Series · 13 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (kg)
SP-K02513XP0	25.0	51.0	34.7	41.3	696	689	1,293	869	0.130
SP-K05013XP0	50.0	76.0	59.7	66.3	919	910	2,263	1,226	0.200
SP-K06013XP0	60.0	86.0	69.7	76.3	1,099	1,014	2,747	1,436	0.230
SP-K07013XP0	70.0	96.0	79.7	86.3	1,228	1,074	3,070	1,547	0.260
SP-K08013XP0	80.0	106.0	89.7	96.3	1,358	1,133	3,393	1,653	0.280
SP-K09013XP0	90.0	116.0	99.7	106.3	1,551	1,224	3,878	1,808	0.310
SP-K10013XP0	100.0	126.0	109.7	116.3	1,681	1,279	4,201	1,906	0.340
SP-K11013XP0	110.0	136.0	119.7	126.3	1,875	1,364	4,686	2,050	0.370
SP-K12013XP0	120.0	146.0	129.7	136.3	2,006	1,415	5,010	2,144	0.400
SP-K13013XP0	130.0	156.0	139.7	146.3	2,133	1,466	5,333	2,235	0.430
SP-K14013XP0	140.0	166.0	149.7	156.3	2,327	1,544	5,817	2,368	0.460
SP-K15013XP0	150.0	176.0	159.7	166.3	2,456	1,592	6,141	2,455	0.480
SP-K16013XP0	160.0	186.0	169.7	176.3	2,586	1,639	6,464	2,541	0.510
SP-K17013XP0	170.0	196.0	179.7	186.3	2,780	1,711	6,949	2,666	0.540
SP-K18013XP0	180.0	206.0	189.7	196.3	2,909	1,756	7,272	2,748	0.570
SP-K19013XP0	190.0	216.0	199.7	206.3	3,038	1,800	7,595	2,829	0.600
SP-K20013XP0	200.0	226.0	209.7	216.3	3,232	1,868	8,080	2,948	0.630
SP-K25013XP0	250.0	276.0	259.7	266.3	4,008	2,119	10,019	3,403	0.770
SP-K30013XP0	300.0	326.0	309.7	316.3	4,719	2,327	11,796	3,794	0.910
SP-K32013XP0	320.0	346.0	329.7	336.3	5,042	2,419	12,605	3,966	0.970
SP-K34013XP0	340.0	366.0	349.7	356.3	5,365	2,508	13,412	4,133	1.020
SP-K36013XP0	360.0	386.0	369.7	376.3	5,688	2,594	14,220	4,298	1.080

SP-20 mm Series · 20 mm radial section · capacities in kgf

SlimPro part no.	Bore (mm)	OD (mm)	L1 (mm)	L2 (mm)	Radial static	Radial dyn.	Thrust static	Thrust dyn.	Weight (kg)
SP-K02520XP0	25.0	65.0	40.0	50.0	1,518	1,503	2,545	1,789	0.340
SP-K05020XP0	50.0	90.0	65.0	75.0	1,845	1,827	3,999	2,418	0.520
SP-K06020XP0	60.0	100.0	75.0	85.0	1,906	1,887	4,363	2,562	0.590
SP-K07020XP0	70.0	110.0	85.0	95.0	2,071	2,050	5,090	2,839	0.660
SP-K08020XP0	80.0	120.0	95.0	105.0	2,181	2,111	5,454	2,973	0.730
SP-K09020XP0	90.0	130.0	105.0	115.0	2,473	2,263	6,181	3,231	0.800
SP-K10020XP0	100.0	140.0	115.0	125.0	2,618	2,323	6,545	3,357	0.870
SP-K11020XP0	110.0	150.0	125.0	135.0	2,909	2,466	7,272	3,601	0.940
SP-K12020XP0	120.0	160.0	135.0	145.0	3,200	2,603	7,999	3,837	1.010
SP-K13020XP0	130.0	170.0	145.0	155.0	3,345	2,660	8,363	3,953	1.070
SP-K14020XP0	140.0	180.0	155.0	165.0	3,636	2,791	9,090	4,179	1.150
SP-K15020XP0	150.0	190.0	165.0	175.0	3,781	2,845	9,453	4,290	1.220
SP-K16020XP0	160.0	200.0	175.0	185.0	4,072	2,970	10,180	4,507	1.300
SP-K17020XP0	170.0	210.0	185.0	195.0	4,364	3,023	10,907	4,709	1.370
SP-K18020XP0	180.0	220.0	195.0	205.0	4,508	3,143	11,271	4,823	1.440
SP-K19020XP0	190.0	230.0	205.0	215.0	4,800	3,260	11,999	5,029	1.510
SP-K20020XP0	200.0	240.0	215.0	225.0	4,945	3,309	12,362	5,130	1.570
SP-K25020XP0	250.0	290.0	265.0	275.0	6,108	3,731	15,271	5,906	2.100
SP-K30020XP0	300.0	340.0	315.0	325.0	7,272	4,119	18,179	6,633	2.300
SP-K32020XP0	320.0	360.0	335.0	345.0	7,708	4,255	19,270	6,897	2.440
SP-K34020XP0	340.0	380.0	355.0	365.0	8,144	4,388	20,361	7,154	2.580
SP-K36020XP0	360.0	400.0	375.0	385.0	8,581	4,518	21,452	7,408	2.730

ENGINEERING DATA

Precision tolerances and recommended fits

Standard SlimPro bearings are made to Precision Class 1 (ref. ABEC 1F). The tables give bearing tolerances, recommended shaft and housing fits for normal applications, and the standard diametral clearance before installation. Size is the nominal bore $\times 10$ (inch) or the bore in mm (metric). Values are deviations from nominal in inches (inch series) or millimetres (metric series). Armoloy-plated bearings have their own tables, which follow. Higher precision classes and special internal fits are available on request.

Type C — Precision Class 1 (inch)

Size	Bearing diameters		Radial & axial runout		Rotating shaft / duplex DF		Stationary shaft / duplex DB		Diametral clearance Before installation
	Bore	OD	Inner race	Outer race	Shaft dia.	Housing bore	Shaft dia.	Housing bore	
010	-.0004	-.0005	.0005	.0008	.0000 / +.0004	.0000 / +.0005	-.0004 / -.0008	-.0005 / -.0010	.0010 - .0016
015	-.0005	-.0005	.0006	.0008	.0000 / +.0005	.0000 / +.0005	-.0005 / -.0010	-.0005 / -.0010	.0012 - .0018
017	-.0006	-.0005	.0008	.0010	.0000 / +.0006	.0000 / +.0005	-.0006 / -.0012	-.0005 / -.0010	.0012 - .0024
020	-.0006	-.0005	.0008	.0010	.0000 / +.0006	.0000 / +.0005	-.0006 / -.0012	-.0005 / -.0010	.0012 - .0024
025	-.0006	-.0005	.0008	.0010	.0000 / +.0006	.0000 / +.0005	-.0006 / -.0012	-.0005 / -.0010	.0012 - .0024
030	-.0006	-.0006	.0008	.0010	.0000 / +.0006	.0000 / +.0006	-.0006 / -.0012	-.0006 / -.0012	.0012 - .0024
035	-.0008	-.0006	.0010	.0012	.0000 / +.0008	.0000 / +.0006	-.0008 / -.0016	-.0006 / -.0012	.0016 - .0028
040	-.0008	-.0006	.0010	.0012	.0000 / +.0008	.0000 / +.0006	-.0008 / -.0016	-.0006 / -.0012	.0016 - .0028
042	-.0008	-.0008	.0010	.0014	.0000 / +.0008	.0000 / +.0008	-.0008 / -.0016	-.0008 / -.0016	.0016 - .0028
045	-.0008	-.0008	.0010	.0014	.0000 / +.0008	.0000 / +.0008	-.0008 / -.0016	-.0008 / -.0016	.0016 - .0028
047	-.0010	-.0008	.0012	.0014	.0000 / +.0010	.0000 / +.0008	-.0010 / -.0020	-.0008 / -.0016	.0020 - .0034
050	-.0010	-.0008	.0012	.0014	.0000 / +.0010	.0000 / +.0008	-.0010 / -.0020	-.0008 / -.0016	.0020 - .0034
055	-.0010	-.0010	.0012	.0016	.0000 / +.0010	.0000 / +.0010	-.0010 / -.0020	-.0010 / -.0020	.0020 - .0034
060	-.0010	-.0010	.0012	.0016	.0000 / +.0010	.0000 / +.0010	-.0010 / -.0020	-.0010 / -.0020	.0020 - .0034
065	-.0010	-.0010	.0012	.0016	.0000 / +.0010	.0000 / +.0010	-.0010 / -.0020	-.0010 / -.0020	.0020 - .0034
070	-.0010	-.0012	.0012	.0016	.0000 / +.0010	.0000 / +.0012	-.0010 / -.0020	-.0012 / -.0024	.0024 - .0042
075	-.0012	-.0012	.0016	.0018	.0000 / +.0012	.0000 / +.0012	-.0012 / -.0024	-.0012 / -.0024	.0024 - .0042
080	-.0012	-.0012	.0016	.0018	.0000 / +.0012	.0000 / +.0012	-.0012 / -.0024	-.0012 / -.0024	.0024 - .0042
090	-.0012	-.0012	.0016	.0018	.0000 / +.0012	.0000 / +.0012	-.0012 / -.0024	-.0012 / -.0024	.0024 - .0042
100	-.0014	-.0014	.0018	.0020	.0000 / +.0014	.0000 / +.0014	-.0014 / -.0028	-.0014 / -.0028	.0028 - .0048
110	-.0014	-.0014	.0018	.0020	.0000 / +.0014	.0000 / +.0014	-.0014 / -.0028	-.0014 / -.0028	.0028 - .0048
120	-.0014	-.0014	.0018	.0020	.0000 / +.0014	.0000 / +.0014	-.0014 / -.0028	-.0014 / -.0028	.0028 - .0048
140	-.0016	-.0016	.0018	.0020	.0000 / +.0016	.0000 / +.0016	-.0016 / -.0032	-.0016 / -.0032	.0032 - .0052
160	-.0018	-.0018	.0018	.0020	.0000 / +.0018	.0000 / +.0018	-.0018 / -.0036	-.0018 / -.0036	.0036 - .0056
180	-.0018	-.0018	.0020	.0020	.0000 / +.0018	.0000 / +.0018	-.0018 / -.0036	-.0018 / -.0036	.0036 - .0056
200	-.0020	-.0020	.0020	.0020	.0000 / +.0020	.0000 / +.0020	-.0020 / -.0040	-.0020 / -.0040	.0040 - .0060
210	-.0020	-.0020	.0020	.0020	.0000 / +.0020	.0000 / +.0020	-.0020 / -.0040	-.0020 / -.0040	.0040 - .0060
220	-.0020	-.0020	.0020	.0020	.0000 / +.0020	.0000 / +.0020	-.0020 / -.0040	-.0020 / -.0040	.0040 - .0060
250	-.0030	-.0030	.0020	.0020	.0000 / +.0030	.0000 / +.0030	-.0030 / -.0060	-.0030 / -.0060	.0060 - .0080
300	-.0030	-.0030	.0020	.0020	.0000 / +.0030	.0000 / +.0030	-.0030 / -.0060	-.0030 / -.0060	.0060 - .0080
350	-.0040	-.0040	.0020	.0020	.0000 / +.0040	.0000 / +.0040	-.0040 / -.0080	-.0040 / -.0080	.0080 - .0100
400	-.0040	-.0040	.0020	.0020	.0000 / +.0040	.0000 / +.0040	-.0040 / -.0080	-.0040 / -.0080	.0080 - .0100

Types X and A — Precision Class 1 (inch)

Size	Bearing diameters		Radial & axial runout		Rotating shaft / duplex DF		Stationary shaft / duplex DB		Diametral clearance Before installation
	Bore	OD	Inner race	Outer race	Shaft dia.	Housing bore	Shaft dia.	Housing bore	
010	-.0004	-.0005	.0003	.0004	.0000 / +.0004	.0000 / +.0005	-.0004 / -.0008	-.0005 / -.0010	.0010 - .0015
015	-.0005	-.0005	.0004	.0004	.0000 / +.0005	.0000 / +.0005	-.0005 / -.0010	-.0005 / -.0010	.0012 - .0017
017	-.0006	-.0005	.0005	.0005	.0000 / +.0006	.0000 / +.0005	-.0006 / -.0012	-.0005 / -.0010	.0012 - .0022
020	-.0006	-.0005	.0005	.0005	.0000 / +.0006	.0000 / +.0005	-.0006 / -.0012	-.0005 / -.0010	.0012 - .0022
025	-.0006	-.0005	.0005	.0005	.0000 / +.0006	.0000 / +.0005	-.0006 / -.0012	-.0005 / -.0010	.0012 - .0022
030	-.0006	-.0006	.0006	.0006	.0000 / +.0006	.0000 / +.0006	-.0006 / -.0012	-.0006 / -.0012	.0012 - .0022
035	-.0008	-.0006	.0006	.0006	.0000 / +.0008	.0000 / +.0006	-.0008 / -.0016	-.0006 / -.0012	.0016 - .0026
040	-.0008	-.0006	.0006	.0006	.0000 / +.0008	.0000 / +.0006	-.0008 / -.0016	-.0006 / -.0012	.0016 - .0026
042	-.0008	-.0008	.0008	.0008	.0000 / +.0008	.0000 / +.0008	-.0008 / -.0016	-.0008 / -.0016	.0016 - .0026
045	-.0008	-.0008	.0008	.0008	.0000 / +.0008	.0000 / +.0008	-.0008 / -.0016	-.0008 / -.0016	.0016 - .0026
047	-.0010	-.0008	.0008	.0008	.0000 / +.0010	.0000 / +.0008	-.0010 / -.0020	-.0008 / -.0016	.0020 - .0030
050	-.0010	-.0008	.0008	.0008	.0000 / +.0010	.0000 / +.0008	-.0010 / -.0020	-.0008 / -.0016	.0020 - .0030
055	-.0010	-.0010	.0010	.0010	.0000 / +.0010	.0000 / +.0010	-.0010 / -.0020	-.0010 / -.0020	.0020 - .0030
060	-.0010	-.0010	.0010	.0010	.0000 / +.0010	.0000 / +.0010	-.0010 / -.0020	-.0010 / -.0020	.0020 - .0030
065	-.0010	-.0010	.0010	.0010	.0000 / +.0010	.0000 / +.0010	-.0010 / -.0020	-.0010 / -.0020	.0020 - .0030
070	-.0010	-.0012	.0010	.0010	.0000 / +.0010	.0000 / +.0012	-.0010 / -.0020	-.0012 / -.0024	.0024 - .0034
075	-.0012	-.0012	.0012	.0012	.0000 / +.0012	.0000 / +.0012	-.0012 / -.0024	-.0012 / -.0024	.0024 - .0034
080	-.0012	-.0012	.0012	.0012	.0000 / +.0012	.0000 / +.0012	-.0012 / -.0024	-.0012 / -.0024	.0024 - .0034
090	-.0012	-.0012	.0012	.0012	.0000 / +.0012	.0000 / +.0012	-.0012 / -.0024	-.0012 / -.0024	.0024 - .0034
100	-.0014	-.0014	.0014	.0014	.0000 / +.0014	.0000 / +.0014	-.0014 / -.0028	-.0014 / -.0028	.0028 - .0038
110	-.0014	-.0014	.0014	.0014	.0000 / +.0014	.0000 / +.0014	-.0014 / -.0028	-.0014 / -.0028	.0028 - .0038
120	-.0014	-.0014	.0014	.0014	.0000 / +.0014	.0000 / +.0014	-.0014 / -.0028	-.0014 / -.0028	.0028 - .0038
140	-.0014	-.0014	.0014	.0014	.0000 / +.0014	.0000 / +.0014	-.0014 / -.0028	-.0014 / -.0028	.0028 - .0038
160	-.0016	-.0016	.0016	.0016	.0000 / +.0016	.0000 / +.0016	-.0016 / -.0032	-.0016 / -.0032	.0032 - .0042
180	-.0016	-.0016	.0016	.0016	.0000 / +.0016	.0000 / +.0016	-.0016 / -.0032	-.0016 / -.0032	.0032 - .0042
200	-.0018	-.0018	.0018	.0018	.0000 / +.0018	.0000 / +.0018	-.0018 / -.0036	-.0018 / -.0036	.0036 - .0046
210	-.0018	-.0018	.0018	.0018	.0000 / +.0018	.0000 / +.0018	-.0018 / -.0036	-.0018 / -.0036	.0036 - .0046
220	-.0018	-.0018	.0018	.0018	.0000 / +.0018	.0000 / +.0018	-.0018 / -.0036	-.0018 / -.0036	.0036 - .0046
250	-.0018	-.0018	.0018	.0018	.0000 / +.0018	.0000 / +.0018	-.0018 / -.0036	-.0018 / -.0036	.0036 - .0046
300	-.0018	-.0018	.0018	.0018	.0000 / +.0018	.0000 / +.0018	-.0018 / -.0036	-.0018 / -.0036	.0036 - .0046
350	-.0020	-.0020	.0020	.0020	.0000 / +.0020	.0000 / +.0020	-.0020 / -.0040	-.0020 / -.0040	.0040 - .0050
400	-.0020	-.0020	.0020	.0020	.0000 / +.0020	.0000 / +.0020	-.0020 / -.0040	-.0020 / -.0040	.0040 - .0050

Diametral clearance applies to Type X; Type A bearings are mounted as adjusted pairs.

Armoloy plated, Type C — Precision Class 1 (inch)

For the Open — Armoloy Plated and Sealed — Armoloy Plated lines. Plating adds a small build-up, so plated bearings carry their own bore, OD and fit tolerances.

Size	Bearing diameters		Radial & axial runout		Rotating shaft / duplex DF		Stationary shaft / duplex DB		Diametral clearance Before installation
	Bore	OD	Inner race	Outer race	Shaft dia.	Housing bore	Shaft dia.	Housing bore	
010	-.0006	-.0007	.0005	.0008	.0000 / +.0006	.0000 / +.0007	-.0006 / -.0012	-.0007 / -.0014	.0010 - .0016
015	-.0007	-.0007	.0006	.0008	.0000 / +.0007	.0000 / +.0007	-.0007 / -.0014	-.0007 / -.0014	.0012 - .0018
017	-.0008	-.0007	.0008	.0010	.0000 / +.0008	.0000 / +.0007	-.0008 / -.0016	-.0007 / -.0014	.0012 - .0024
020	-.0008	-.0007	.0008	.0010	.0000 / +.0008	.0000 / +.0007	-.0008 / -.0016	-.0007 / -.0014	.0012 - .0024
025	-.0008	-.0007	.0008	.0010	.0000 / +.0008	.0000 / +.0007	-.0008 / -.0016	-.0007 / -.0014	.0012 - .0024
030	-.0008	-.0008	.0008	.0010	.0000 / +.0008	.0000 / +.0008	-.0008 / -.0016	-.0008 / -.0016	.0012 - .0024
035	-.0010	-.0008	.0010	.0012	.0000 / +.0010	.0000 / +.0008	-.0010 / -.0020	-.0008 / -.0016	.0016 - .0028
040	-.0009	-.0007	.0010	.0012	.0000 / +.0009	.0000 / +.0007	-.0009 / -.0018	-.0007 / -.0014	.0016 - .0028
042	-.0009	-.0009	.0010	.0014	.0000 / +.0009	.0000 / +.0009	-.0009 / -.0018	-.0009 / -.0018	.0016 - .0028
045	-.0009	-.0009	.0010	.0014	.0000 / +.0009	.0000 / +.0009	-.0009 / -.0018	-.0009 / -.0018	.0016 - .0028
047	-.0011	-.0009	.0012	.0014	.0000 / +.0011	.0000 / +.0009	-.0011 / -.0022	-.0009 / -.0018	.0020 - .0034
050	-.0011	-.0009	.0012	.0014	.0000 / +.0011	.0000 / +.0009	-.0011 / -.0022	-.0009 / -.0018	.0020 - .0034
055	-.0011	-.0011	.0012	.0016	.0000 / +.0011	.0000 / +.0011	-.0011 / -.0022	-.0011 / -.0022	.0020 - .0034
060	-.0011	-.0011	.0012	.0016	.0000 / +.0011	.0000 / +.0011	-.0011 / -.0022	-.0011 / -.0022	.0020 - .0034
065	-.0011	-.0011	.0012	.0016	.0000 / +.0011	.0000 / +.0011	-.0011 / -.0022	-.0011 / -.0022	.0020 - .0034
070	-.0011	-.0013	.0012	.0016	.0000 / +.0011	.0000 / +.0013	-.0011 / -.0022	-.0013 / -.0026	.0024 - .0042
075	-.0013	-.0013	.0016	.0018	.0000 / +.0013	.0000 / +.0013	-.0013 / -.0026	-.0013 / -.0026	.0024 - .0042
080	-.0013	-.0013	.0016	.0018	.0000 / +.0013	.0000 / +.0013	-.0013 / -.0026	-.0013 / -.0026	.0024 - .0042
090	-.0013	-.0013	.0016	.0018	.0000 / +.0013	.0000 / +.0013	-.0013 / -.0026	-.0013 / -.0026	.0024 - .0042
100	-.0015	-.0015	.0018	.0020	.0000 / +.0015	.0000 / +.0015	-.0015 / -.0030	-.0015 / -.0030	.0028 - .0048
110	-.0015	-.0015	.0018	.0020	.0000 / +.0015	.0000 / +.0015	-.0015 / -.0030	-.0015 / -.0030	.0028 - .0048
120	-.0015	-.0015	.0018	.0020	.0000 / +.0015	.0000 / +.0015	-.0015 / -.0030	-.0015 / -.0030	.0028 - .0048
140	-.0017	-.0017	.0018	.0020	.0000 / +.0017	.0000 / +.0017	-.0017 / -.0034	-.0017 / -.0034	.0032 - .0052
160	-.0019	-.0019	.0018	.0020	.0000 / +.0019	.0000 / +.0019	-.0019 / -.0038	-.0019 / -.0038	.0036 - .0056
180	-.0019	-.0019	.0020	.0020	.0000 / +.0019	.0000 / +.0019	-.0019 / -.0038	-.0019 / -.0038	.0036 - .0056
200	-.0021	-.0021	.0020	.0020	.0000 / +.0021	.0000 / +.0021	-.0021 / -.0042	-.0021 / -.0042	.0040 - .0060
210	-.0021	-.0021	.0020	.0020	.0000 / +.0021	.0000 / +.0021	-.0021 / -.0042	-.0021 / -.0042	.0040 - .0060
220	-.0021	-.0021	.0020	.0020	.0000 / +.0021	.0000 / +.0021	-.0021 / -.0042	-.0021 / -.0042	.0040 - .0060
250	-.0031	-.0031	.0020	.0020	.0000 / +.0031	.0000 / +.0031	-.0031 / -.0062	-.0031 / -.0062	.0060 - .0080
300	-.0031	-.0031	.0020	.0020	.0000 / +.0031	.0000 / +.0031	-.0031 / -.0062	-.0031 / -.0062	.0060 - .0080
350	-.0041	-.0041	.0020	.0020	.0000 / +.0041	.0000 / +.0041	-.0041 / -.0082	-.0041 / -.0082	.0080 - .0100
400	-.0041	-.0041	.0020	.0020	.0000 / +.0041	.0000 / +.0041	-.0041 / -.0082	-.0041 / -.0082	.0080 - .0100

Armoloy plated, Types X and A — Precision Class 1 (inch)

Size	Bearing diameters		Radial & axial runout		Rotating shaft / duplex DF		Stationary shaft / duplex DB		Diametral clearance Before installation
	Bore	OD	Inner race	Outer race	Shaft dia.	Housing bore	Shaft dia.	Housing bore	
010	-.0006	-.0007	.0003	.0004	.0000 / +.0006	.0000 / +.0007	-.0006 / -.0012	-.0007 / -.0014	.0010 - .0015
015	-.0007	-.0007	.0004	.0004	.0000 / +.0007	.0000 / +.0007	-.0007 / -.0014	-.0007 / -.0014	.0012 - .0017
017	-.0008	-.0007	.0005	.0005	.0000 / +.0008	.0000 / +.0007	-.0008 / -.0016	-.0007 / -.0014	.0012 - .0022
020	-.0008	-.0007	.0005	.0005	.0000 / +.0008	.0000 / +.0007	-.0008 / -.0016	-.0007 / -.0014	.0012 - .0022
025	-.0008	-.0007	.0005	.0005	.0000 / +.0008	.0000 / +.0007	-.0008 / -.0016	-.0007 / -.0014	.0012 - .0022
030	-.0008	-.0008	.0006	.0006	.0000 / +.0008	.0000 / +.0008	-.0008 / -.0016	-.0008 / -.0016	.0012 - .0022
035	-.0010	-.0008	.0006	.0006	.0000 / +.0010	.0000 / +.0008	-.0010 / -.0020	-.0008 / -.0016	.0016 - .0026
040	-.0009	-.0007	.0006	.0006	.0000 / +.0009	.0000 / +.0007	-.0009 / -.0018	-.0007 / -.0014	.0016 - .0026
042	-.0009	-.0009	.0008	.0008	.0000 / +.0009	.0000 / +.0009	-.0009 / -.0018	-.0009 / -.0018	.0016 - .0026
045	-.0009	-.0009	.0008	.0008	.0000 / +.0009	.0000 / +.0009	-.0009 / -.0018	-.0009 / -.0018	.0016 - .0026
047	-.0011	-.0009	.0008	.0008	.0000 / +.0011	.0000 / +.0009	-.0011 / -.0022	-.0009 / -.0018	.0020 - .0030
050	-.0011	-.0009	.0008	.0008	.0000 / +.0011	.0000 / +.0009	-.0011 / -.0022	-.0009 / -.0018	.0020 - .0030
055	-.0011	-.0011	.0010	.0010	.0000 / +.0011	.0000 / +.0011	-.0011 / -.0022	-.0011 / -.0022	.0020 - .0030
060	-.0011	-.0011	.0010	.0010	.0000 / +.0011	.0000 / +.0011	-.0011 / -.0022	-.0011 / -.0022	.0020 - .0030
065	-.0011	-.0011	.0010	.0010	.0000 / +.0011	.0000 / +.0011	-.0011 / -.0022	-.0011 / -.0022	.0020 - .0030
070	-.0011	-.0013	.0010	.0010	.0000 / +.0011	.0000 / +.0013	-.0011 / -.0022	-.0013 / -.0026	.0024 - .0034
075	-.0013	-.0013	.0012	.0012	.0000 / +.0013	.0000 / +.0013	-.0013 / -.0026	-.0013 / -.0026	.0024 - .0034
080	-.0013	-.0013	.0012	.0012	.0000 / +.0013	.0000 / +.0013	-.0013 / -.0026	-.0013 / -.0026	.0024 - .0034
090	-.0013	-.0013	.0012	.0012	.0000 / +.0013	.0000 / +.0013	-.0013 / -.0026	-.0013 / -.0026	.0024 - .0034
100	-.0015	-.0015	.0014	.0014	.0000 / +.0015	.0000 / +.0015	-.0015 / -.0030	-.0015 / -.0030	.0028 - .0038
110	-.0015	-.0015	.0014	.0014	.0000 / +.0015	.0000 / +.0015	-.0015 / -.0030	-.0015 / -.0030	.0028 - .0038
120	-.0015	-.0015	.0014	.0014	.0000 / +.0015	.0000 / +.0015	-.0015 / -.0030	-.0015 / -.0030	.0028 - .0038
140	-.0015	-.0015	.0014	.0014	.0000 / +.0015	.0000 / +.0015	-.0015 / -.0030	-.0015 / -.0030	.0028 - .0038
160	-.0017	-.0017	.0016	.0016	.0000 / +.0017	.0000 / +.0017	-.0017 / -.0034	-.0017 / -.0034	.0032 - .0042
180	-.0017	-.0017	.0016	.0016	.0000 / +.0017	.0000 / +.0017	-.0017 / -.0034	-.0017 / -.0034	.0032 - .0042
200	-.0019	-.0019	.0018	.0018	.0000 / +.0019	.0000 / +.0019	-.0019 / -.0038	-.0019 / -.0038	.0036 - .0046
210	-.0019	-.0019	.0018	.0018	.0000 / +.0019	.0000 / +.0019	-.0019 / -.0038	-.0019 / -.0038	.0036 - .0046
220	-.0019	-.0019	.0018	.0018	.0000 / +.0019	.0000 / +.0019	-.0019 / -.0038	-.0019 / -.0038	.0036 - .0046
250	-.0019	-.0019	.0018	.0018	.0000 / +.0019	.0000 / +.0019	-.0019 / -.0038	-.0019 / -.0038	.0036 - .0046
300	-.0019	-.0019	.0018	.0018	.0000 / +.0019	.0000 / +.0019	-.0019 / -.0038	-.0019 / -.0038	.0036 - .0046
350	-.0021	-.0021	.0020	.0020	.0000 / +.0021	.0000 / +.0021	-.0021 / -.0042	-.0021 / -.0042	.0040 - .0050
400	-.0021	-.0021	.0020	.0020	.0000 / +.0021	.0000 / +.0021	-.0021 / -.0042	-.0021 / -.0042	.0040 - .0050

Diametral clearance applies to Types X and C; Type A bearings are mounted as adjusted pairs.

Metric series — Precision Class 1 (mm)

Size	Bearing diameters		Radial & axial runout		Rotating shaft / duplex DF		Stationary shaft / duplex DB		Diametral clearance Before installation
	Bore	OD	Inner race	Outer race	Shaft dia.	Housing bore	Shaft dia.	Housing bore	
020	-.010	-.010	.008	.010	0 / +.010	0 / +.010	-.010 / -.020	-.010 / -.020	0.025 - 0.038
025	-.010	-.010	.008	.010	0 / +.010	0 / +.010	-.010 / -.020	-.010 / -.020	0.025 - 0.038
050	-.012	-.013	.013	.013	0 / +.012	0 / +.013	-.012 / -.024	-.013 / -.026	0.030 - 0.056
060	-.015	-.013	.013	.013	0 / +.015	0 / +.013	-.015 / -.030	-.015 / -.030	0.030 - 0.056
070	-.015	-.015	.015	.015	0 / +.015	0 / +.015	-.015 / -.030	-.015 / -.030	0.030 - 0.056
080	-.015	-.015	.015	.015	0 / +.015	0 / +.015	-.015 / -.030	-.015 / -.030	0.030 - 0.056
090	-.020	-.015	.015	.015	0 / +.020	0 / +.015	-.020 / -.040	-.020 / -.040	0.041 - 0.066
100	-.020	-.015	.015	.015	0 / +.020	0 / +.015	-.020 / -.040	-.020 / -.040	0.041 - 0.066
110	-.020	-.018	.015	.020	0 / +.020	0 / +.018	-.020 / -.040	-.020 / -.040	0.041 - 0.066
120	-.020	-.018	.020	.020	0 / +.020	0 / +.018	-.020 / -.036	-.020 / -.036	0.041 - 0.066
130	-.025	-.018	.025	.025	0 / +.025	0 / +.018	-.025 / -.051	-.018 / -.036	0.051 - 0.076
140	-.025	-.025	.025	.025	0 / +.025	0 / +.025	-.025 / -.051	-.025 / -.051	0.051 - 0.076
150	-.025	-.025	.025	.025	0 / +.025	0 / +.025	-.025 / -.051	-.025 / -.051	0.051 - 0.076
160	-.025	-.025	.025	.025	0 / +.025	0 / +.025	-.025 / -.051	-.025 / -.051	0.051 - 0.076
170	-.025	-.025	.025	.025	0 / +.025	0 / +.025	-.025 / -.051	-.025 / -.051	0.051 - 0.076
180	-.025	-.030	.025	.025	0 / +.025	0 / +.030	-.025 / -.051	-.030 / -.061	0.051 - 0.076
190	-.025	-.030	.025	.025	0 / +.025	0 / +.030	-.025 / -.051	-.030 / -.061	0.051 - 0.076
200	-.030	-.030	.030	.030	0 / +.030	0 / +.030	-.030 / -.061	-.030 / -.061	0.061 - 0.086
250	-.036	-.036	.046	.051	0 / +.036	0 / +.036	-.036 / -.071	-.036 / -.071	0.071 - 0.100
300	-.036	-.036	.046	.051	0 / +.036	0 / +.036	-.036 / -.071	-.036 / -.071	0.071 - 0.100
320	-.036	-.036	.046	.051	0 / +.036	0 / +.036	-.036 / -.071	-.036 / -.071	0.071 - 0.100
340	-.036	-.036	.046	.051	0 / +.036	0 / +.036	-.036 / -.071	-.036 / -.071	0.071 - 0.100
360	-.036	-.036	.046	.051	0 / +.036	0 / +.036	-.036 / -.071	-.036 / -.071	0.071 - 0.100

Diametral clearance applies to Types X and C.

Mounting notes

- Use the rotating-shaft fits when the inner ring rotates relative to the load, and the stationary-shaft fits when the outer ring rotates. Duplex DF and DB pairs follow the same columns.
- Thin rings take the shape of their mating parts. Keep shaft and housing roundness and shoulder squareness within the bearing runout values for best results.
- Mounting fits reduce internal clearance. For preloaded or zero-clearance assemblies, tell us your fits and we will recommend an internal fit.
- Support the rings on the land diameters (L1, L2) and keep shoulders below the land diameters so seals and separators are not loaded.



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