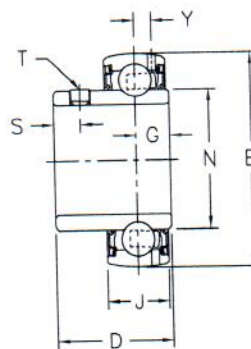


Spring Locking Ball Bearings

SG200EL

Spherical O.D.
Sealed
Spring Locking
Relubricatable
Extended Inner Ring



SG200EL

Dimensions (inches/mm)

Shaft diameter in.	Bearing number with set screws	Bore tolerance	B □	D	G	J	N	S	T Tap Size	Y
3/4	SG212EL	+0.0005 -0.0000 — —	1.8504 47.000	1 1/8 28.58	.3750 9.525	.5906 15.000	1.116 28.35	.24 6.1	10-32 —	.137 3.48
7/8 15/16 1	SG214EL SG215EL SG216EL	+0.0005 -0.0000 — —	2.0472 52.000	1 3/16 30.17	.3750 9.525	.5906 15.000	1.313 33.35	.24 6.1	10-32 —	.140 3.56
1 1/8 1 3/16 1 1/4	SG218EL SG219EL SG2E20EL	+0.0005 -0.0000 — —	2.4409 62.000	1 11/32 34.13	.3910 9.931	.7087 18.000	1.587 40.31	.32 8.1	1/4-28 —	.202 5.13
1 1/4 1 3/8 1 7/16	SG220EL SG222EL SG223EL	+0.0005 -0.0000 — —	2.8346 72.000	1 1/8 39.67	.4530 11.506	.7480 19.000	1.847 46.91	.34 8.6	1/4-28 —	.239 6.07
1 1/2	SG224EL	+0.0005 -0.0000 — —	3.1496 80.000	1 11/16 42.87	.4840 12.294	.8861 22.000	2.084 52.93	.34 8.6	5/16-24 —	.253 6.43
1 5/8 1 11/16 1 3/4	SG226EL SG227EL SG228EL	+0.0005 -0.0000 — —	3.3465 85.000	1 9/16 44.85	.5310 13.487	.8661 22.000	2.281 57.94	.36 9.1	5/16-24 —	.254 6.45
1 15/16	SG231EL	+0.0005 -0.0000 — —	3.5433 90.000	1 5/8 45.64	.5310 13.487	.8661 22.000	2.478 62.94	.38 9.6	5/16-24 —	.268 6.81

Bold face items are normally available from stock; please consult for availability of non-stock items.

□ Bearing O.D. tolerance; for 1 1/2" and smaller shaft, +0.0000" -0.0005" (+0.000 mm -0.013 mm); all others +0.0000" -0.0006" (+0.000 mm -0.015 mm).

◆ Max fillet radius of housing to clear bearing corner.

Selection guide, pages B-9, B-10.

Load ratings, pages B-11, B-12.

Additional information, page B-77.