



Full Complement Cylindrical Roller Bearings

- **Single row full complement cylindrical roller bearings**

Features

Single row full complement cylindrical roller bearings have solid outer and inner rings together with rib-guided cylindrical rollers. Since these bearings have the largest possible number of rolling elements, they have extremely high radial load carrying capacity, high rigidity and are suitable for particularly compact designs. Due to the kinematic conditions, however, they do not achieve the high speeds that are possible when using cylindrical roller bearings with cage. Single row full complement cylindrical roller bearings are in the form of semi-locating bearings.

Semi-locating bearings:

Semi-locating bearings are available in single row design as SL1818 (dimension series 18), SL1829 (dimension series 29), SL1830 (dimension series 30), SL1822 (dimension series 22) and SL1923 (dimension series 23). They can support not only high radial forces but also axial forces in one direction and can therefore guide shafts axially in one direction. They act as non-locating bearings in the opposite direction.

Series SL1923 has only one rib on the inner ring and a self-retaining rolling element set. As a result, the inner ring can be removed from the bearing. This makes fitting and dismantling considerably easier.

Caution! The bearings SL1818, SL1829, SL1830 and SL1822 are held together in handling and transport by a transport and mounting retaining device on the outer ring. This retaining device remains in the bearing and must not be subjected to axial load.

Sealing:

The cylindrical roller bearings are supplied in an open design.

Lubrication:

They are not supplied greased and can be lubricated with oil or grease via the end faces.

Operating temperature:

Full complement cylindrical roller bearings are suitable for operating temperatures from -30°C to +120°C.

Suffixes:

Suffixes for available designs: see table.

	Suffix	Description	Design
Available designs	BR	Black oxide coated	Available by agreement
	C3	Radial internal clearance larger than normal	
	C4	Radial internal clearance larger than C3	
	C5	Radial internal clearance larger than C4	
	E	Increased capacity design	
	TB	Bearing with increased axial load carrying capacity	Standard depending on bearing size, see dimension table

	Series	From bore diameter d (mm)
Available bearings of TB design	SL1818	460
	SL1822	140
	SL1829	300
	SL1830	180
	SL1923	90

● Double row full complement cylindrical roller bearings

Features

The bearings have solid outer and inner rings and rib-guided cylindrical rollers. Since these bearings have the largest possible number of rolling elements, they have extremely high radial load carrying capacity, high rigidity and are suitable for particularly compact designs. Due to the kinematic conditions, however, they do not achieve the high speeds that are possible when using cylindrical roller bearings with cage.

Double row full complement cylindrical roller bearings are available as non-locating, semi-locating and locating bearings. The bearings do not permit any skewing between the inner and outer ring.

Non-locating bearings:

Bearings SL0248 (designation to DIN 5 412-9: NNCL 48...V) and SL0249 (designation to DIN 5 412-9: NNCL 49...V) are non-locating bearings and can support radial forces only.

Caution! The bearings are held together in handling and transport by a transport and mounting retaining device on the outer ring. This retaining device remains in the bearing and must not be subjected to axial load.

Sealing:

The cylindrical roller bearings are supplied in an open design.

Lubrication:

Oil or grease lubrication is possible. For lubrication, the outer ring has a lubrication groove and lubrication holes.

Semi-locating bearings:

The semi-locating bearings are available as SL1850 (dimension series 50). They can support not only high radial forces but also axial forces in one direction and can therefore guide shafts axially in one direction. They act as non-locating bearings in the opposite direction.

Caution! The bearings are held together in handling and transport by a transport and mounting retaining device on the outer ring. This retaining device remains in the bearing and must not be subjected to axial load.

Sealing:

The cylindrical roller bearings are supplied in an open design.

Lubrication:

Oil or grease lubrication is possible. The bearings can be lubricated via the end faces as well as via a lubrication groove and lubrication holes in the outer ring.

Locating bearings:

Bearings SL0148 (designation to DIN 5 412-9: NNC 48...V) and SL0149 (designation to DIN 5 412-9: NNC 49...V) are locating bearings. These bearings can support axial forces from both directions as well as radial forces

Caution! The outer ring has ribs on both sides, is axially split and held together by retaining rings. The inner ring has an additional central rib. The retaining rings must not be subjected to axial load.

Cable sheave bearings:

Cable sheave bearings (cylindrical roller bearings with snap ring grooves) are locating bearings. These bearings are very rigid and can support moderate axial forces in both directions as well as high radial forces. They consist of solid outer and inner rings with ribs, rib-guided cylindrical rollers and sealing rings.

The outer rings have snap ring grooves for retaining rings. The inner rings are axially split, 1 mm wider than the outer rings and held together by a rolled-in steel strip.

Cylindrical roller bearings with snap ring grooves are available as a light series SL04...-PP and in the dimension series 50 as SL0450...-PP.

Sealing:

In the case of cable sheave bearings, the running system is protected against contamination and moisture by sealing rings on both sides.

Lubrication:

Open locating bearings can be lubricated with oil or grease. For lubrication, the outer ring has a lubrication groove and lubrication holes.

Cable sheave bearings are greased using a lithium complex soap grease and can be lubricated via the outer or inner ring.

Operating temperature:

Open full complement cylindrical roller bearings are suitable for operating temperatures from -30°C to $+120^{\circ}\text{C}$.

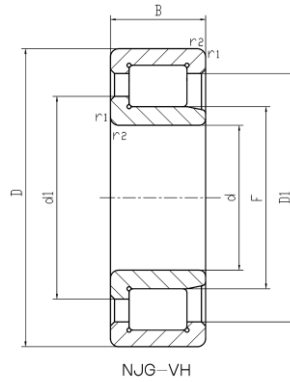
Caution! Cylindrical roller bearings with snap ring grooves are suitable for operating temperatures from -20°C to $+80^{\circ}\text{C}$, restricted by the grease and seal material.

Suffixes:

Suffixes for available designs: see table.

	Suffix	Description	Design
Available designs of SL01, SL02, SL1850	BR	Black oxide coated	Available by agreement
	C3	Radial internal clearance larger than normal	
	C4	Radial internal clearance larger than C3	
	C5	Radial internal clearance larger than C4	
	TB	Bearing with increased axial load carrying capacity	

	Suffix	Description	Design
Available designs of cable sheave bearings	C3	Radial internal clearance larger than normal	Available by agreement
	C4	Radial internal clearance larger than C3	
	C5	Radial internal clearance larger than C4	
	RR	Corrosion-resistant design, with Corrotect coating	
	2NR	Cable sheave bearing supplied with two loose-packed retaining rings WRE	
	-	Without seals	
	P	Seal on one side	
PP	Seals on both sides, for cable sheave bearings	Standard	

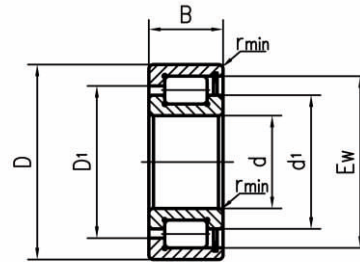


Technical Parameters:

Bearing Code	Dimensions							Mass	Basic Load Ratings		Limiting speed
	d	D	B	rsmin	d1	D1	Ew, Fw		Cr _{KN}	Cor _{KN}	
	mm							kg	KN		rpm
NJG2317VH	85	180	60	3	118	149	107	7.40	480	600	1800
NJG2318VH	90	190	64	3	117.5	152	105.26	8.75	520	655	1800
NJG2320VH	100	215	73	3	136	176	122.82	13.0	655	830	1600
NJG2322VH	110	240	80	3	151	198	134.3	17.5	830	1060	1400
NCF2924CV	120	165	27	1.1	136	149	154.3	1.73	172	290	2200
NCF3024CV	120	180	46	2	139	160	167.6	3.8	290	430	1600
NJG2324VH	120	260	86	3	164.5	212.5	147.4	22.4	950	1220	1200
NCF2926CV	130	180	30	1.5	147	161	167.1	2.36	204	360	1600
NCF3026CV	130	200	52	1	149	175	183	5.8	413	620	1500
NJG2326VH	130	280	93	4	175	226	157.9	28.1	1100	1430	1000
NCF2928CV	140	190	30	1.5	158	173	180	2.48	212	380	1500
NCF3028CV	140	210	53	1	163	189	197	6.05	440	680	1300
NJG2328VH	140	300	102	4	187	241	168.45	35.5	1250	1630	1300
NCF2930CV	150	210	36	2	169	189	196.4	3.92	290	500	1300
NCF3030CV	150	225	56	1.1	170	198	206	7.35	455	710	1200
NJG2330VH	150	320	108	4	202	261	182.5	42.5	1500	2000	900
NCF2932CV	160	220	36	2	180	200	207.2	4.30	300	540	1200
NCF3032CV	160	240	60	1.1	185	215	224.8	9.10	520	800	1100
NCF2934CV	170	230	36	2	191	210.5	218	4.30	310	570	1100
NCF3034CV	170	260	67	1.1	198	232	242.9	12.5	670	1060	1000
NJG2334VH	170	360	120	4	225	294	203.55	59.5	1760	2400	800
NCF2936CV	180	250	42	2	203	223	231.5	6.20	390	695	1000
NCF3036CV	180	280	74	2.1	212	248	260.2	16.5	780	1250	900
NCF2938CV	190	260	42	2	212	236	243.5	6.50	405	735	950
NCF3038CV	190	290	75	2.1	222	258	269.8	17	800	1290	850
NJG2338VH	190	400	132	5	250	320	224.43	80.3	2080	2900	700
NCF2940CV	200	280	48	2.1	226.5	253	262	9.10	490	915	850
NCF3040CV	200	310	82	2.1	237	275	287.8	21.5	915	1530	800
NJG2340VH	200	420	138	5	266	342	238.65	92	2320	3250	670

Precision Roller Bearings

NJ/NCF-V Series

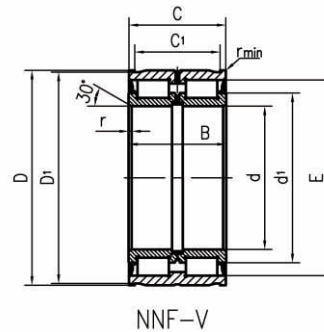
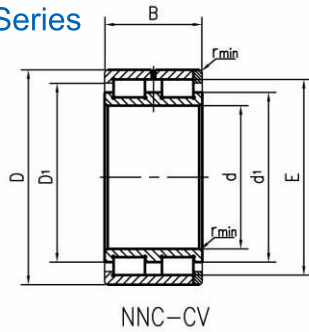


NCF-CV

Technical Parameters:

Bearing Code	Dimensions							Mass	Basic Load Ratings		Limiting speed
	d	D	B	rsmin	d1	D1	Ew, Fw		Cr _{KN}	Cor _{KN}	
	mm							kg	KN		rpm
NCF2944CV	220	300	48	2.1	247	274	282.5	9.9	520	1000	800
NCF3044CV	220	340	90	3	255	298	312	29.5	1080	1800	800
NJG2344VH	220	460	145	5	295	383	266.7	111	2650	3800	600
NCF2948CV	240	320	48	2.1	267	294	303	10.6	540	1080	700
NCF3048CV	240	360	92	3	278	321	335	32.0	1140	1960	800
NCF2952CV	260	360	60	2.1	294	321	333.7	18.5	750	1430	670
NCF3052CV	260	400	104	4	304	358	376.1	46.5	1560	2600	600
NCF2956CV	280	380	60	2.1	314	347.5	359.1	19.7	880	1730	600
NCF3056CV	280	420	106	4	319	373	391	50.0	1630	2750	560
NCF2960CV	300	420	72	3	341.5	375	390.5	31.2	1120	2200	560
NCF3060CV	300	460	118	4	355	413	433	69	1900	3250	600
NCF2964CV	320	440	72	3	359	401	411	32.9	1160	2360	530
NCF3064CV	320	480	121	4	368	434	449	74.5	1980	3450	560
NCF2968CV	340	460	72	3	378.5	421	431	35.0	1200	2500	500
NCF3068CV	340	520	133	5	395	468	485	100	2380	4150	530
NCF2972CV	360	480	72	3	404	436.5	451.5	36.5	1220	2600	480
NCF2976CV	380	520	82	4	427.5	473.5	488	52.6	1460	3100	450
NCF2980CV	400	540	82	4	449	499	511	54.5	1500	3250	450
NCF2984CV	420	560	82	4	462	512	524	57.0	1530	3400	430
NCF2988CV	440	600	95	4	502	545	565.5	80.5	2000	4400	400

NNC-CV/NNF-V Series

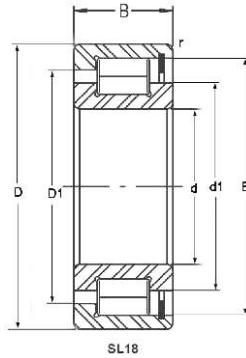


Technical Parameters:

Bearing Code	Dimensions									Mass	Basic Load Ratings		Limiting Speed
	d	D	B	C	r _{smin}	d ₁	D ₁	C ₁	E		Cr	Cor	
	mm									kg	KN		rpm
NNF 5024 ADA-2LSV	120	180	80	79	0.6	141	176	71.2	164	6.90	400	750	480
NNC4924CV	120	165	45	—	1.1	139	—	—	153.55	2.95	242	480	1700
NNF 5026 ADA-2LSV	130	200	95	94	0.6	155	196	83.2	183.5	10.5	610	1040	450
NNC4926CV	130	180	50	—	1.5	149	—	—	165.4	3.95	255	530	1600
NNF 5028 ADA-2LSV	140	210	95	94	0.6	167	206	83.2	195.5	11.0	600	1120	400
NNC4928CV	140	190	50	—	1.5	160	—	—	175.9	4.2	265	570	1400
NNF 5030 ADA-2LSV	150	225	100	99	0.6	177	221	87.2	209	13.5	695	1290	380
NNC4930CV	150	210	60	—	2	171	—	—	192.77	6.65	380	850	1300
NNF 5032 ADA-2LSV	160	240	109	108	0.6	191	236	95.2	222.55	16.5	720	1400	360
NNC4932CV	160	220	60	—	2	184	—	—	206.16	7.0	446	915	1300
NNF 5034 ADA-2LSV	170	260	122	121	0.6	203	254	107.2	239	22.5	720	1400	360
NNC4934CV	170	230	60	—	2	193	—	—	215.08	7.35	457	950	1200
NNF 5036 ADA-2LSV	180	280	136	135	0.6	220	274	118.2	259	30.0	1100	2100	300
NNC4936CV	180	250	69	—	2	205	—	—	230.5	10.8	594	1220	1100
NNF 5038 ADA-2LSV	190	290	136	135	0.6	228	284	118.2	267.25	31.5	1370	2600	300
NNC4938CV	190	260	69	—	2	215	—	—	240.7	11.2	605	1290	1100
NNF 5040 ADA-2LSV	200	310	150	149	0.6	245	304	128.2	284	42.0	1400	2900	280
NNC4940CV	200	280	80	—	2.1	230	—	—	259.34	15.8	704	1500	1000
NNF 5044 ADA-2LSV	220	340	160	159	1	264	334	138.2	308.5	53.5	1610	3100	315
NNC4944CV	220	300	80	—	2.1	248	—	—	276.52	17.2	737	1600	950
NNF 5048 ADA-2LSV	240	360	160	159	1	283	354	138.2	327.5	57.5	1680	3350	340
NNC4948CV	240	320	80	—	2.1	270	—	—	299.46	18.5	781	1760	850

Precision Roller Bearings

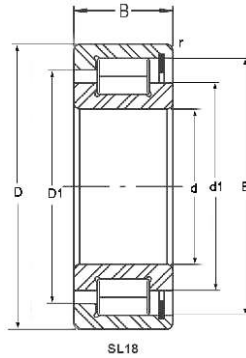
SL1818 Series



Technical Parameters:

Bearing Code	Dimensions								Loading Rating			Limiting speed		Mass kg
	d	D	B	d1	D1	E	s	r _{min}	Dyn. Cr	Stat. Cor	Fatigue limit load Cur	Limiting speed n _G	Reference speed n _B	
	mm								KN			rpm		
SL181840	200	250	24	216.6	231.6	237.6	2	1.5	183	330	33.5	1400	1040	2.57
SL181844	220	270	24	237.3	252.3	258.5	2	1.5	192	365	36	1320	940	2.8
SL181848-E	240	300	28	260.5	281	287.5	2	2	265	490	51	1200	870	4.29
SL181852-E	260	320	28	281	301.5	308	2	2	275	530	54	1110	790	4.61
SL181856-E	280	350	33	304	327	335	2.5	2	355	670	69	1030	730	6.89
SL181860-E	300	380	38	323.5	350.5	360	3	2.1	455	840	86	950	680	9.79
SL181864-E	320	400	38	344.5	371.5	381	3	2.1	470	900	90	900	620	10.36
SL181868-E	340	420	38	365.5	392.5	402.2	3	2.1	485	960	94	850	570	10.93
SL181872-E	360	440	38	387	413.5	423.5	3	2.1	500	1010	98	810	530	11.49
SL181876-E	380	480	46	415.5	448	459	4	2.1	650	1290	126	750	490	18.87
SL181880-E	400	500	46	432	464.5	475.5	4	2.1	660	1340	130	720	470	19.81
SL181884-E	420	520	46	457	489.5	500	4	2.1	680	1420	135	690	430	20.6
SL181888-E	440	540	46	473.5	506	517	4	2.1	700	1470	139	660	415	21.54
SL181892-E	460	580	56	501.5	541	554	5	3	940	1890	179	620	385	33.21
SL181896-E	480	600	56	522	561	574.5	5	3	960	1970	185	600	365	34.53
SL1818/500-E	500	620	56	542	581.5	594.5	5	3	980	2050	190	580	345	35.73

SL1822 Series

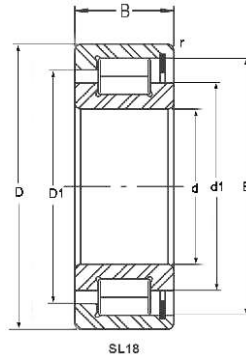


Technical Parameters:

Bearing Code	Dimensions								Loading Rating			Limiting speed		Mass
	d	D	B	d1	D1	E	s	r _{min}	Dyn.	Stat.	Fatigue limit load	Limiting speed	Reference speed	
	mm								Cr	Cor	Cur	n _G	n _B	
									KN			rpm		
SL182204	20	47	18	30.3	36.9	41.47	1	1	45.5	37	6.1	9700	6500	0.16
SL182205	25	52	18	35.5	41.9	46.52	1	1	51	45	7.4	8400	5500	0.18
SL182206	30	62	20	42	50.6	55.19	1	1	70	64	10.2	7000	4550	0.3
SL182207	35	72	23	47	59.3	63.97	1	1.1	88	78	12.7	6100	4250	0.44
SL182208	40	80	23	54	66.3	70.94	1	1.1	97	91	14.9	5400	3650	0.55
SL182209	45	85	23	57.5	69.8	74.43	1	1.1	101	98	16	5100	3450	0.59
SL182210	50	90	23	64.4	76.7	81.4	1	1.1	109	111	18.1	4600	3000	0.64
SL182211	55	100	25	70	84.1	88.81	1	1.5	140	148	25	4200	2700	0.87
SL182212	60	110	28	76.8	93.9	99.17	1.5	1.5	169	176	31	3800	2550	1.18
SL182213	65	120	31	82.3	100.7	106.25	1.5	1.5	198	210	37	3550	2480	1.57
SL182214	70	125	31	87	105.2	111.45	1.5	1.5	181	223	32	3350	2340	1.66
SL182215	75	130	31	91.8	110	116.2	1.5	1.5	187	236	33.5	3200	2210	1.75
SL182216	80	140	33	98.6	119.3	126.3	1.5	2	223	280	38.5	3000	2040	2.15
SL182217	85	150	36	104.4	126.3	133.75	1.5	2	255	320	44.5	2800	2000	2.74
SL182218	90	160	40	110.2	133.3	141.15	2.5	2	285	365	51	2650	1990	3.48
SL182219	95	170	43	122	147.3	155.95	2.5	2.1	330	425	58	2410	1780	4.17
SL182220	100	180	46	127.5	154.3	163.35	2.5	2.1	390	510	70	2300	1700	5.13
SL182222	110	200	53	137	168	177.6	4	2.1	450	580	78	2130	1720	7.24
SL182224	120	215	58	150.7	183	192.9	4	2.1	530	720	95	1950	1500	9.08
SL182226	130	230	64	162.3	197	207.75	5	3	620	850	110	1810	1360	11.25
SL182228	140	250	68	173.9	211.1	222.55	5	3	720	1000	127	1690	1230	14.47
SL182230	150	270	73	185.5	225.2	237.35	6	3	820	1160	147	1580	1130	18.43
SL182232	160	290	80	208.7	253.4	267.1	6	3	1020	1470	178	1410	920	23
SL182234	170	310	86	220.3	267.4	281.9	7	4	1140	1660	199	1330	870	28.65
SL182236	180	320	86	232.4	279.5	294	7	4	1180	1760	208	1270	800	29.8
SL182238	190	340	92	243.5	295.5	311.5	9	4	1300	1900	223	1210	770	35.65
SL182240	200	360	98	246.6	302.4	319.4	9	4	1410	2010	235	1180	770	43.12

Precision Roller Bearings

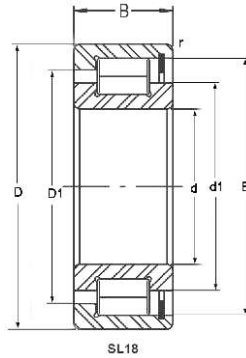
SL1829 Series



Technical Parameters:

Bearing Code	Dimensions								Loading Rating			Limiting speed		Mass
	d	D	B	d1	D1	E	s	r _{min}	Dyn.	Stat.	Fatigue limit load	Limiting speed	Reference speed	
	mm								Cr	Cor	Cur	n _G	n _B	
									KN			rpm		
SL182912	60	85	16	69	74.4	78.55	1	1	63	76	13.7	4550	2900	0.29
SL182913	65	90	16	75.7	81	85.24	1	1	67	84	15.1	4150	2550	0.31
SL182914	70	100	19	81.2	87.8	92.31	1	1	88	111	18.8	3850	2550	0.49
SL182915	75	105	19	86.3	92.8	97.41	1	1	91	119	20.1	3600	2370	0.52
SL182916	80	110	19	91.4	98	102.51	1	1	94	1260	21.4	3450	2220	0.55
SL182917	85	120	22	96.4	105	109.58	1	1.1	118	159	25.5	3200	2200	0.81
SL182918	90	125	22	102	110.7	115.75	1	1.1	122	169	26.5	3050	2050	0.84
SL182919	95	130	22	106.7	117	122.25	1	1.1	132	177	27.5	2900	1940	0.86
SL182920	100	140	24	113.4	125.7	130.95	1.5	1.1	152	203	31.5	2700	1870	1.14
SL182922	110	150	24	124	136.2	141.5	1.5	1.1	155	213	34	2490	1710	1.23
SL182924	120	165	27	134.8	149	154.3	1.5	1.1	199	285	45.5	2290	1590	1.73
SL182926	130	180	30	146	161.1	167.15	2	1.5	238	350	54	2110	1500	2.33
SL182928	140	190	30	157	174	180	2	1.5	260	375	57	1960	1370	2.42
SL182930	150	210	36	169	189.6	196.75	2.5	2	340	480	73	1810	1360	3.77
SL182932	160	220	36	179.7	200.5	207.6	2.5	2	350	510	77	1710	1270	4
SL182934	170	230	36	190.6	211.3	218.45	2.5	2	365	540	80	1610	1190	4.3
SL182936	180	250	42	200.7	224	231.85	2.5	2	455	680	100	1530	1150	6.2
SL182938	190	260	42	211.5	238.5	244.15	2	2	510	770	112	1450	1030	6.5
SL182940	200	280	48	225.5	252.4	261.6	3	2.1	610	940	134	1360	950	9.1
SL182944	220	300	48	246.3	273.2	282.45	3	2.1	650	1030	144	1250	840	9.9
SL182948	240	320	48	267.5	294.4	303.7	3	2.1	600	1120	124	1150	750	10.6
SL182952	260	360	60	291.5	323.4	333.7	5	2.1	780	1450	160	1060	690	18.5
SL182956	280	380	60	314	348.5	359.5	3.5	2.1	910	1710	184	980	590	19.7
SL182960	300	420	72	338	376.9	389.45	5	3	1170	2200	235	910	540	31.2
SL182964	320	440	72	358.5	397.4	409.85	5	3	1210	2340	246	860	495	32.9
SL182968	340	460	72	379	418.7	430.2	5	3	1250	2470	255	810	460	34.7
SL182972	360	480	72	399.5	438.6	450.6	5	3	1280	2600	265	770	430	36.4
SL182976	380	520	82	426	472.1	486.7	5	4	1660	3300	335	720	380	52.1
SL182980	400	540	82	450	496.1	510.85	5	4	1710	3500	350	690	350	54.3
SL182984	420	560	82	462	509	522.95	5	4	1730	3600	355	670	340	56.9
SL182988	440	600	95	490	544.6	562	7	4	2090	4100	4050	630	325	78.1
SL182992	460	620	95	504	559.6	576.3	7	4	2130	4250	410	610	310	81.1
SL182996	480	650	100	538	596.6	614.75	7	5	2390	4800	460	570	280	94.7
SL1829/500	500	670	100	553	612.7	630	7	5	2430	4950	470	560	270	98.3

SL1830 Series

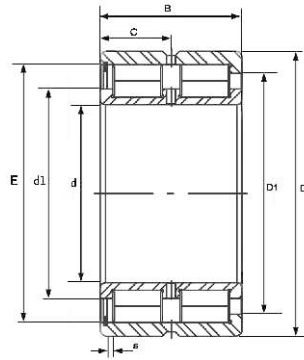


Technical Parameters:

Bearing Code	Dimensions								Loading Rating			Limiting speed		Mass
	d	D	B	d1	D1	E	s	r _{min}	Dyn.	Stat.	Fatigue limit load	Limiting speed	Reference speed	
	mm								Cr	Cor	Cur	n _G	n _B	
									KN			rpm		
SL183004	20	42	16	28.8	32.8	36.81	1.5	0.6	30.5	26.5	4.45	10500	7500	0.11
SL183005	25	47	16	34.6	38.5	42.51	1.5	0.6	35	32	5.5	8900	6000	0.12
SL183006	30	55	19	40	45.4	49.6	2	1	45	43	7.5	7600	5600	0.2
SL183007	35	62	20	44.9	51.3	55.52	2	1	55	55	9.4	6700	4950	0.26
SL183008	40	68	21	50.5	57.1	61.74	2	1	66	68	11.2	6000	4350	0.31
SL183009	45	75	23	55.3	62.2	66.85	2	1	70	76	12.5	5500	4200	0.4
SL183010	50	80	23	59.1	67.7	72.33	2	1	88	96	15.1	5100	3700	0.43
SL183011	55	90	26	68.5	78.8	83.54	2	1.1	120	136	22.6	4400	3100	0.64
SL183012	60	95	26	71.7	82.1	86.74	2	1.1	123	145	23.7	4200	3000	0.69
SL183013	65	100	26	78.1	88.4	93.09	2	1.1	130	159	26	3900	2700	0.73
SL183014	70	110	30	81.5	95.6	100.28	3	1.1	153	176	29.5	3650	2800	1.02
SL183015	75	115	30	89	103.2	107.9	3	1.1	162	194	32.5	3400	2490	1.06
SL183016	80	125	34	95	111.7	117.4	4	1.1	173	225	31	3150	2470	1.43
SL183017	85	130	34	99.4	116.1	121.95	4	1.1	178	237	32	3000	2360	1.51
SL183018	90	140	37	106.1	124.5	130.11	4	1.5	208	280	38	2800	2240	1.97
SL183020	100	150	37	115.7	134	140.2	4	1.5	219	310	40.5	2600	2040	2.15
SL183022	110	170	45	127.3	149.3	156.7	5.5	2	285	395	52	2310	2010	3.5
SL183024	120	180	46	138.8	160.7	168.15	5.5	2	300	435	56	2160	1840	3.8
SL183026	130	200	52	148.6	175.5	184.4	5.5	2	435	620	79	1960	1660	5.65
SL183028	140	210	53	162.2	189.5	198.4	5.5	2	455	680	85	1850	1470	6.04
SL183030	150	225	56	170	198	207.45	7	2.1	480	710	88	1730	1430	7.33
SL183032	160	240	60	184.8	215.8	225.45	7	2.1	550	820	99	1620	1280	8.8
SL183034	170	260	67	198.1	232.7	243.55	7	2.1	710	1070	129	1510	1120	12.2
SL183036	180	280	74	212.2	249.4	261	7	2.1	820	1260	150	1410	1020	16.1
SL183038	190	290	75	221.8	259	270.6	9	2.1	840	1320	155	1350	970	17
SL183040	200	310	82	236.6	276.2	288.6	9	2.1	960	1530	178	1270	890	21.8
SL183044	220	340	90	254.6	299.2	312	9	3	1160	1840	209	1160	800	28.4
SL183048	240	360	92	277.5	322.1	336	11	3	1220	2010	224	1080	720	30.9
SL183052	260	400	104	304	358.4	375.97	11	4	1620	2550	280	980	620	44.5
SL183056	280	420	106	319.5	372.9	390.3	11	4	1670	2700	290	930	590	48
SL183060-TB	300	460	118	353.6	415.6	434.85	14	4	2040	3350	325	850	500	66.6
SL183064-TB	320	480	121	369.5	430.1	449.5	14	4	2100	3500	340	810	480	71.7
SL183068-TB	340	520	133	396.1	463.9	485.65	16	5	2500	4150	400	750	430	95.8
SL183072-TB	360	540	134	414	481.6	503.45	16	5	2550	4350	410	720	405	101
SL183076-TB	380	560	135	431.7	499.5	521.25	16	5	2600	4500	425	690	390	106
SL183080-TB	400	600	148	462.5	535.1	558.52	18	5	3100	5400	500	650	345	140

Precision Roller Bearings

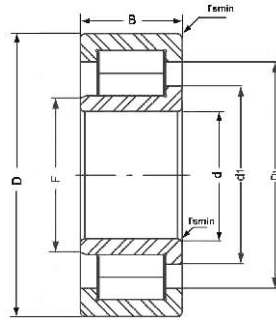
SL1850 Series



Technical Parameters:

Bearing Code	Dimensions									Loading Rating			Limiting speed		Mass kg
	d	D	B	d1	D1	E	C	s	r _{min}	Dyn.	Stat.	Fatigue limit load	Limiting speed	Reference speed	
	mm									Cr	Cor	Cur	n _G	n _B	
										KN			rpm		
SL185004	20	42	30	28.4	33.3	36.81	15	1	0.6	53	52	8.9	10500	7400	0.2
SL185005	25	47	30	34.5	39	42.51	15	1	0.6	60	64	11.1	8900	6000	0.23
SL185006	30	55	34	40	45.3	49.6	17	1.5	1	78	84	15	7600	5300	0.35
SL185007	35	62	36	44.9	51.2	55.52	18	1.5	1	85	109	18.8	6700	4750	0.46
SL185008	40	68	38	50.5	57.2	61.74	19	1.5	1	101	136	22.4	6000	4200	0.56
SL185009	45	75	40	55.3	62.6	66.85	20	1.5	1	120	151	24.9	5500	3950	0.71
SL185010	50	80	40	59.1	67.6	72.33	20	1.5	1	131	191	30	5100	3450	0.76
SL185011	55	90	46	68.5	78.7	83.54	23	1.5	1.1	206	275	45	4400	2900	1.16
SL185012	60	95	46	71.7	81.9	86.74	23	1.5	1.1	212	290	47.5	4200	2800	1.24
SL185013	65	100	46	78.1	88.3	93.09	23	1.5	1.1	223	320	52	3900	2500	1.32
SL185014	70	110	54	81.5	95.7	100.28	27	3	1.1	265	355	59	3650	2650	1.85
SL185015	75	115	54	89	102.9	107.9	27	3	1.1	275	390	65	3400	2370	1.93
SL185016	80	125	60	95	111.7	117.4	30	3.5	1.1	295	450	62	3150	2320	2.59
SL185017	85	130	60	99	116.1	121.95	30	3.5	1.1	305	475	64	3000	2210	2.72
SL185018	90	140	67	106.1	124.5	130.65	33.5	4	1.5	355	560	76	2800	2140	3.62
SL185020	100	150	67	115.7	134	140.2	33.5	4	1.5	375	620	81	2600	1930	3.94
SL185022	110	170	80	127.3	149.3	156.7	40	5	2	490	790	104	2350	1730	6.32
SL185024	120	180	80	138.8	160.7	168.15	40	5	2	520	870	111	2170	1530	6.77
SL185026	130	200	95	148.6	175.5	184.4	47.5	5	2	740	1230	158	2000	1340	10.2
SL185028	140	210	95	162.6	189.5	198.4	47.5	5	2	780	1360	169	1840	1180	11.1
SL185030	150	225	100	170	198	207.45	50	6	2	810	1390	175	1760	1150	13.3
SL185032	160	240	109	184.8	215.8	224.8	54.5	6	2.1	930	1610	199	1620	1030	12.2
SL185034	170	260	122	198	332.7	242.85	61	6	2.1	1200	2110	260	1510	900	22.5
SL185036	180	280	136	212.2	249.4	260.22	68	8	2.1	1390	2480	300	1410	820	29.9
SL185038	190	290	136	221.8	259	269.76	68	8.2	2.1	1430	2600	310	1350	770	31.3
SL185040	200	310	150	236.6	276.2	287.75	75	8.9	2.1	1630	3000	355	1270	710	40.4
SL185044	220	340	160	254.6	297.8	312.2	80	9	3	1980	3650	420	1170	630	51.6
SL185048	240	360	160	277.5	322.1	335.1	80	9	3	2080	4000	445	1080	550	55.2
SL185052	260	400	190	304	359.7	375.97	95	11.3	4	2750	5000	560	980	490	82.6
SL185056	280	420	190	318.3	374.1	390.3	95	11.3	4	2850	5300	580	940	460	88
SL185060-TB	300	460	218	353.6	413.6	433.6	109	12.5	4	3450	6600	650	840	395	124
SL185064-TB	320	480	218	369.5	431.5	449.5	109	12.5	4	3550	6900	680	810	375	128.4
SL185068-TB	340	520	243	396	465.5	485.65	121.5	14.3	5	4250	8300	800	750	355	178
SL185072-TB	360	540	243	413.8	481	503.45	121.5	14	5	4400	8700	820	720	320	178
SL185076-TB	380	560	243	432	499	521.25	121.5	14.1	5	4450	8900	850	700	305	196.5

SL1923 Series



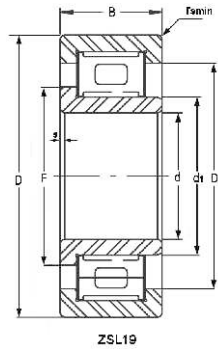
SL19

Technical Parameters:

Bearing Code	Dimensions							Mass	Basic Load Ratings		Limiting speed
	d	D	B	d1	D1	F	Rmin		Cr	Cor	
	mm							kg	KN		rpm
SL192305	25	62	24	36.7	47.5	31.72	1.1	0.37	73	60	7400
SL192306	30	72	27	43.5	56	38.3	1.1	0.56	100	88	6400
SL192307	35	80	31	50.7	65.8	44.68	1.5	0.74	126	112	5600
SL192308	40	90	33	57.5	75.2	51.12	1.5	1.01	170	156	5000
SL192309	45	100	36	62.5	80.3	56.1	1.5	1.37	181	169	4450
SL192310	50	110	40	68.3	89.7	60.72	2	1.81	232	219	4050
SL192311	55	120	43	75.5	99.3	67.11	2	2.28	270	255	3700
SL192312	60	130	46	82	105.8	73.62	2.1	2.88	285	280	3400
SL192313	65	140	48	90	116.5	80.69	2.1	3.52	350	355	3150
SL192314	70	150	51	93.5	121.6	84.14	2.1	4.33	385	390	2950
SL192315	75	160	55	101.6	131.5	91.22	2.1	5.3	460	475	2750
SL192316	80	170	58	109.5	142.1	98.24	2.1	6.23	540	560	2600
SL192317	85	180	60	118.2	150.9	107.01	3	7.34	570	620	2450
SL192318	90	190	64	117.5	152.5	105.26	3	8.83	620	660	2310
SL192319	95	200	67	126.6	161.9	114.65	3	10.2	650	720	2200
SL192320	100	215	73	132.7	172.8	119.3	3	13	790	860	2060
SL192322	110	240	80	151.1	199.9	134.27	3	17	950	980	1850
SL192324	120	260	86	164.2	213.1	147.39	3	22.3	1130	1240	1710

Precision Roller Bearings

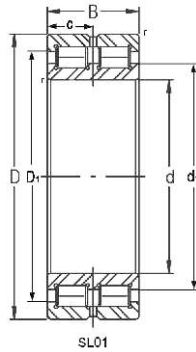
ZSL1923 Series



Technical Parameters:

Bearing Code	Dimensions							Mass	Basic Load Ratings		Limiting speed
	d	D	B	d1	D1	F	Rmin		Cr	Cor	
	mm							kg	KN		rpm
ZSL192305	25	62	24	36.7	47.5	31.72	1.1	0.36	68	55	16100
ZSL192306	30	72	27	43.5	56	38.3	1.1	0.55	94	81	13700
ZSL192307	35	80	31	50.7	65.8	44.68	1.5	0.72	118	104	12200
ZSL192308	40	90	33	57.5	75.2	51.12	1.5	1	160	144	10800
ZSL192309	45	100	36	62.5	80.3	56.1	1.5	1.34	171	160	9700
ZSL192310	50	110	40	68.3	89.7	60.72	2	1.76	219	202	8800
ZSL192311	55	120	43	75.5	99.3	67.11	2	2.22	255	236	8000
ZSL192312	60	130	46	82	105.8	73.62	2.1	2.82	270	260	7400
ZSL192313	65	140	48	90	116.5	80.69	2.1	3.44	335	330	6800
ZSL192314	70	150	51	93.5	121.6	84.14	2.1	4.27	365	365	6400
ZSL192315	75	160	55	101.6	131.9	91.22	2.1	5.2	435	440	6000
ZSL192316	80	170	58	109.5	142.1	98.24	2.1	6.2	510	520	5600
ZSL192317	85	180	60	118.5	150.9	107.01	3	7.23	540	570	5300
ZSL192318	90	190	64	117.5	152.5	105.26	3	8.7	590	610	5000
ZSL192319	95	200	67	126.6	161.9	114.65	3	10	620	670	4750
ZSL192320	100	215	73	132.7	172.8	119.3	3	12.7	750	790	4500
ZSL192322	110	240	80	151.1	199.9	134.27	3	16.5	890	900	3950
ZSL192324	120	260	86	164.2	213.1	147.39	3	21.9	1060	1140	3700

SL0148 Series

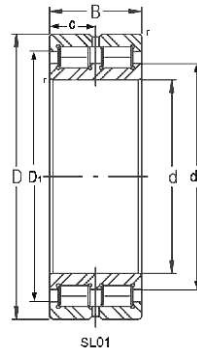


Technical Parameters:

Bearing Code	Dimensions							Loading Rating			Limiting speed		Mass
	d	D	B	d1	D1	C	r	Dyn.	Stat.	Fatigue limit load	Limiting speed	Reference speed	
	mm							Cr	Cor	Cur	n _G	n _B	
								KN			rpm		
SL01 4830	150	190	40	165.1	174.2	20	1.1	237	550	61	1900	1300	2.9
SL01 4832	160	200	40	173.7	182.8	20	1.1	243	580	63	1800	1300	3.1
SL01 4834	170	215	45	186.3	197	22.5	1.1	265	620	66	1680	1200	4.1
SL01 4836	180	225	45	199.1	209.8	22.5	1.1	275	660	70	1600	1100	4.3
SL01 4838	190	240	50	207.6	220.7	25	1.5	315	750	77	1510	1100	5.65
SL01 4840	200	250	50	218.1	231.2	25	1.5	325	790	80	1440	1000	5.9
SL01 4844	220	270	50	239.1	252.3	25	1.5	340	870	85	1300	850	6.4
SL01 4848	240	300	60	259.5	276.7	30	2	520	1290	120	1200	750	10
SL01 4852	260	320	60	281.8	298.8	30	2	540	1400	128	1120	700	11
SL01 4856	280	350	69	306.8	326.4	34.5	2	710	1860	163	1030	600	16
SL01 4860	300	380	80	327.9	349.9	40	2.1	830	2120	185	950	550	23
SL01 4864	320	400	80	350.9	372.9	40	2.1	860	2280	194	900	500	24
SL01 4868	340	420	80	368.1	390.1	40	2.1	880	2390	201	850	480	25.5
SL01 4872	360	440	80	391	413.2	40	2.1	910	2550	210	800	440	27
SL01 4876	380	480	100	419	447.2	50	2.1	1330	3550	290	750	400	45.5
SL01 4880	400	500	100	433.8	462	50	2.1	1360	3700	295	720	380	46.5

Precision Roller Bearings

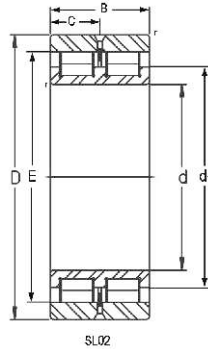
SL0149 Series



Technical Parameters:

Bearing Code	Dimensions							Loading Rating			Limiting speed		Mass
	d	D	B	d1	D1	C	r	Dyn.	Stat.	Fatigue limit load	Limiting speed	Reference speed	
	mm							Cr	Cor	Cur	n _G	n _B	
								KN			rpm		
SL01 4912	60	85	25	70.5	73.5	12.5	1	71	125	16.7	4500	3200	0.49
SL01 4914	70	100	30	82.5	87.4	15	1	108	189	24.6	3800	2800	0.78
SL01 4916	80	110	30	91.4	96.2	15	1	115	211	27.5	3400	2500	0.88
SL01 4918	90	125	35	103.9	110.7	17.5	1.1	155	295	37	3000	2300	1.35
SL01 4920	100	140	40	116.4	125	20	1.1	196	380	47	2700	2000	1.95
SL01 4922	110	150	40	125	133.6	20	1.1	204	410	49.5	2490	1800	2.15
SL01 4924	120	165	45	138.6	148.6	22.5	1.1	228	455	53	2270	1700	2.95
SL01 4926	130	180	50	148.4	160	25	1.5	265	530	60	2090	1500	3.95
SL01 4928	140	190	50	159	170.5	25	1.5	275	570	63	1960	1400	4.2
SL01 4930	150	210	60	171.8	187.2	30	2	415	840	88	1800	1200	6.65
SL01 4932	160	220	60	184.2	200.3	30	2	435	900	93	1700	1100	7
SL01 4934	170	230	60	193.1	209.1	30	2	445	950	96	1600	1000	7.35
SL01 4936	180	250	69	204.9	224.1	34.5	2	580	1230	121	1500	950	10.8
SL01 4938	190	260	69	215	234.3	34.5	2	590	1290	125	1440	900	11.2
SL01 4940	200	280	80	230.5	252.3	40	2.1	690	1480	142	1350	850	15.8
SL01 4944	220	300	80	248	268.5	40	2.1	720	1590	150	1200	750	17.2
SL01 4948	240	320	80	270.6	292.3	40	2.1	750	1740	160	1160	700	18.5
SL01 4952	260	360	100	294.5	322.1	50	2.1	1120	2500	221	1050	600	32
SL01 4956	280	380	100	316.5	344.6	50	2.1	1170	2700	233	980	550	34
SL01 4960	300	420	118	340.7	374.3	59	3	1650	3800	315	900	460	53

SL0248 Series

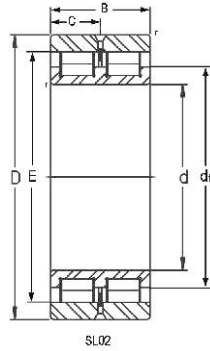


Technical Parameters:

Bearing Code	Dimensions							Loading Rating			Limiting speed		Mass
	d	D	B	d1	E	C	r	Dyn.	Stat.	Fatigue limit load	Limiting speed	Reference speed	
	mm							Cr	Cor	Cur	n _G	n _B	
								KN			rpm		
SL02 4830	150	190	40	165.1	178.3	20	1.1	237	550	61	1900	1300	2.8
SL02 4832	160	200	40	173.7	186.9	20	1.1	243	580	63	1800	1200	3
SL02 4834	170	215	45	186.3	201.3	22.5	1.1	265	620	66	1700	1200	3.95
SL02 4836	180	225	45	199.1	214.1	22.5	1.1	275	660	70	1600	1100	4.15
SL02 4838	190	240	50	207.6	225	25	1.5	315	750	77	1500	1100	5.45
SL02 4840	200	250	50	218.1	235.5	25	1.5	325	790	80	1400	1000	5.7
SL02 4844	220	270	50	239.1	256.5	25	1.5	340	870	85	1300	850	6.2
SL02 4848	240	300	60	259.5	281.9	30	2	520	1290	120	1200	750	9.9
SL02 4852	260	320	60	281.8	304.2	30	2	540	1400	128	1100	700	10.6
SL02 4856	280	350	69	306.8	332.4	34.5	2	710	1860	163	1000	600	15.6
SL02 4860	300	380	80	327.9	356.7	40	2.1	830	2120	185	950	550	22
SL02 4864	320	400	80	350.9	379.7	40	2.1	860	2280	194	900	500	23.5
SL02 4868	340	420	80	368.1	396.9	40	2.1	880	2390	201	850	480	25
SL02 4872	360	440	80	391	419.8	40	2.1	910	2550	210	800	440	26
SL02 4876	380	480	100	419	455.8	50	2.1	1330	3550	290	750	400	44
SL02 4880	400	500	100	433.8	470.59	50	2.1	1360	3700	295	700	380	45.8

Precision Roller Bearings

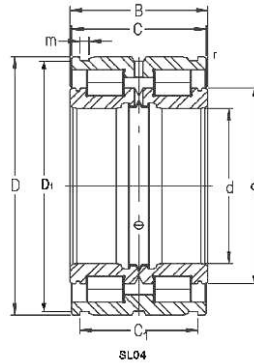
SL0249 Series



Technical Parameters:

Bearing Code	Dimensions							Loading Rating			Limiting speed		Mass
	d	D	B	d1	E	C	r	Dyn.	Stat.	Fatigue limit load	Limiting speed	Reference speed	
	mm							Cr	Cor	Cur	n _G	n _B	
SL02 4912	60	85	25	70.3	77.51	12.5	1	71	125	16.7	4500	3200	0.47
SL02 4914	70	100	30	82.5	91.87	15	1	108	189	24.6	3800	2800	0.75
SL02 4916	80	110	30	91.4	100.78	15	1	115	211	27.5	3400	2500	0.85
SL02 4918	90	125	35	103	115.2	17.5	1.1	155	295	37	3000	2300	1.3
SL02 4920	100	140	40	116.4	129.6	20	1.1	196	380	47	2700	2000	1.9
SL02 4922	110	150	40	125	138.2	20	1.1	204	410	49.5	2490	1800	2.1
SL02 4924	120	165	45	138.6	153.55	22.5	1.1	228	455	53	2270	1700	2.95
SL02 4926	130	180	50	149.5	165.4	25	1.5	265	530	60	2090	1500	3.8
SL02 4928	140	190	50	160	175.9	25	1.5	275	570	63	1960	1400	4.1
SL02 4930	150	210	60	171.8	192.77	30	2	415	840	88	1800	1200	6.45
SL02 4932	160	220	60	184.2	206.16	30	2	435	900	93	1710	1100	6.8
SL02 4934	170	230	60	193.1	215.08	30	2	445	950	96	1620	1000	7.1
SL02 4936	180	250	69	204.9	230.5	34.5	2	580	1230	121	1510	950	10.5
SL02 4938	190	260	69	215	240.7	34.5	2	590	1290	125	1440	900	10.9
SL02 4940	200	280	80	230.5	259.34	40	2.1	690	1480	142	1350	850	15.3
SL02 4944	220	300	80	248	276.52	40	2.1	720	1590	150	1250	750	16.7
SL02 4948	240	320	80	270.6	299.46	40	2.1	750	1740	160	1160	700	17.9
SL02 4952	260	360	100	294.5	331.33	50	2.1	1120	2500	221	1050	600	31.2
SL02 4956	280	380	100	316.5	353.34	50	2.1	1170	2700	233	980	550	33.1
SL02 4960	300	420	118	340.7	385.51	59	3	1650	3800	315	900	460	51.9
SL02 4964	320	440	118	367.5	412.27	59	3	1720	4100	335	850	410	54.9
SL02 4968	340	460	118	385.3	430.11	59	3	1770	4300	350	810	390	57.8
SL02 4972	360	480	118	404	447.95	59	3	1810	4500	360	770	370	60.8
SL02 4976	380	520	140	430.2	481.35	70	4	2280	5600	445	720	340	90.5
SL02 4980	400	540	140	450.5	501.74	70	4	2340	5900	460	690	310	94.6

SL04...PP Series

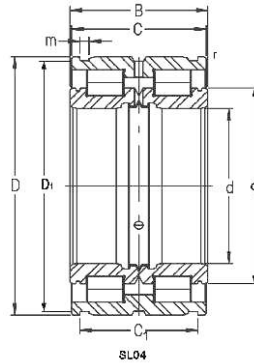


Technical Parameters:

Bearing Code	Dimensions							Loading Rating			Limiting speed	Mass
	d	D	B	d1	D1	C	r	Dyn. Cr	Stat. Cor	Fatigue limit load Cur	ng	
	mm							KN			rpm	kg
SL04 130PP	130	190	80	151	186	79	0,6	430	790	87	800	7.5
SL04 140PP	140	200	80	160.5	196	79	0,6	445	840	91	750	8
SL04 150PP	150	210	80	174.4	206	79	0,6	465	920	98	700	8.4
SL04 160PP	160	220	80	184.5	216	79	0,6	480	970	101	700	8.8
SL04 170PP	170	230	80	193.9	226	79	0,6	490	1030	105	650	9.3
SL04 180PP	180	240	80	203.5	236	79	0,6	500	1080	110	600	9.8
SL04 190PP	190	260	80	218	254	79	0,6	520	1130	113	550	12.7
SL04 200PP	200	270	80	227,15	264	79	0,6	540	1210	119	550	13.2
SL04 220PP	220	300	95	249	294	94	1	700	1550	150	480	19.5
SL04 240PP	240	320	95	272	314	94	1	740	1700	160	480	21
SL04 260PP	260	340	95	293	334	94	1	840	1990	182	440	22.5
SL04 300PP	300	380	95	328.5	374	94	1	900	2250	199	380	25.5

Precision Roller Bearings

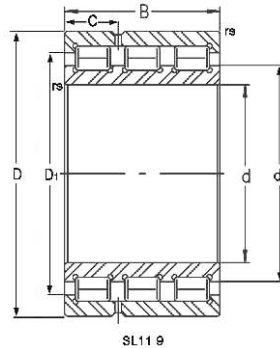
SL0450 Series



Technical Parameters:

Bearing Code	Dimensions							Loading Rating			Limiting speed	Mass
	d	D	B	d1	D1	C	r	Dyn. Cr	Stat. Cor	Fatigue limit load Cur	ng	
	mm							KN			rpm	kg
SL04 5004PP	20	42	30	30.55	40.2	29	0.3	40.5	49	7.2	4000	0.2
SL04 5005PP	25	47	30	35.35	45.2	29	0.3	44.5	58	7.9	3600	0.24
SL04 5006PP	30	55	34	40.6	53	33	0.3	50	67	9.2	3000	0.37
SL04 5007PP	35	62	36	46.1	60	35	0.3	63	88	11.8	2600	0.48
SL04 5008PP	40	68	38	51.4	65.8	37	0.3	76	103	14.7	2400	0.56
SL04 5009PP	45	75	40	57	72.8	39	0.3	92	130	18.1	2200	0.7
SL04 5010PP	50	80	40	61.8	77.8	39	0.3	97	142	19.8	2000	0.76
SL04 5011PP	55	90	46	68.6	87.4	45	0.3	115	175	24	1800	1.18
SL04 5012PP	60	95	46	73.7	92.4	45	0.6	120	189	26	1700	1.26
SL04 5013PP	65	100	46	78.8	97.4	45	0.6	125	203	28	1600	1.33
SL04 5014PP	70	110	54	84.5	107.1	53	0.6	168	265	35	1400	1.87
SL04 5015PP	75	115	54	89.95	112.1	53	0.6	194	300	39.5	1400	1.96
SL04 5016PP	80	125	60	97.1	122.1	59	0.6	203	325	42.5	1300	2.71
SL04 5017PP	85	130	60	103.9	127.1	59	0.6	211	350	45	1200	2.83
SL04 5018PP	90	140	67	109.3	137	66	0.6	305	510	62	1100	3.71
SL04 5019PP	95	145	67	113.35	142	66	0.6	315	530	64	1100	3.88
SL04 5020PP	100	150	67	117.35	147	66	0.6	330	550	66	1000	3.95
SL04 5022PP	110	170	80	131.55	167	79	0.6	395	680	78	900	6.57
SL04 5024PP	120	180	80	140.9	176	79	0.6	410	740	83	900	7.04
SL04 5026PP	130	200	95	156.75	196	94	0.6	540	960	105	800	10.5
SL04 5028PP	140	210	95	165.4	206	94	0.6	610	1100	118	750	11.1
SL04 5030PP	150	225	100	175.7	221	99	0.6	710	1260	131	700	13.3
SL04 5032PP	160	240	109	189	236	108	0.6	740	1360	140	650	16.6
SL04 5034PP	170	260	122	200.7	254	121	0.6	960	1750	174	600	22.6
SL04 5036PP	180	280	136	217.8	274	135	0.6	1140	2130	205	550	30.1
SL04 5038PP	190	290	136	225.65	284	135	0.6	1160	2210	211	550	31.5
SL04 5040PP	200	310	150	243.05	304	149	0.6	1350	2600	245	500	40.8
SL04 5044PP	220	340	160	259.85	334	159	1	1570	3050	280	480	52.5
SL04 5048PP	240	360	160	279.25	354	159	1	1630	3300	295	440	56
SL04 5052PP	260	400	190	304.95	394	189	1.1	2380	4700	405	400	84.5
SL04 5056PP	280	420	190	320.95	413	189	1.1	2600	5200	440	380	90
SL04 5060PP	300	460	218	346.85	453	216	1.1	3000	5800	480	340	126

SL11 Series

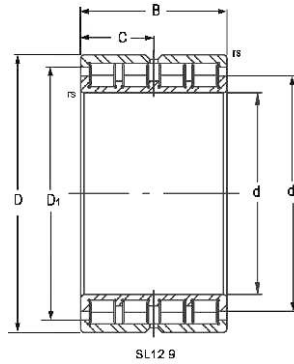


Technical Parameters:

Bearing Code	Dimensions							Basic Loading Rating		Limiting speed		Mass kg
	d	D	B	r _{min}	C	d ₁	D ₁	Dyn. Cr	Stat. Cor	Limiting speed n _G	Reference speed n _B	
	mm							KN		rpm		
SL11914	70	100	44	1	15	83	87	142	265	3800	2800	1.15
SL11916	80	110	44	1	15	92	96	150	300	3400	2500	1.29
SL11918	90	125	52	1.1	17.5	103	110	205	425	3000	2100	2
SL11920	100	140	59	1.1	20	116.5	124.5	260	550	2700	1800	2.9
SL11922	110	150	59	1.1	20	125	133.5	270	600	2500	1600	3.15
SL11924	120	165	66	1.1	22.5	139	148	305	660	2300	1500	4.3
SL11926	130	180	73	1.5	25	149.5	159.5	355	770	2100	1300	5.75
SL11928	140	190	73	1.5	25	160	170	370	830	2000	1300	6.1
SL11930	150	210	88	2	30	171.5	186.5	560	1230	1800	1100	9.7
SL11932	160	220	88	2	30	185	199.5	580	1330	1700	1000	10.2
SL11934	170	230	88	2	30	194	208.5	600	1390	1600	950	10.8
SL11936	180	250	101	2	34.5	206	223.5	780	1810	1500	850	15.7
SL11938	190	260	101	2	34.5	216	233	800	1900	1400	800	16.4
SL11940	200	280	116	2.1	40	231	251.5	940	2220	1400	750	22.8

Precision Roller Bearings

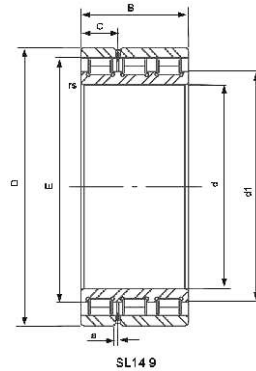
SL12 Series



Technical Parameters:

Bearing Code	Dimensions							Basic Loading Rating		Limiting speed		Mass
	d	D	B	r _{min}	C	d1	D1	Dyn.	Stat.	Limiting speed	Reference speed	
	mm							Cr	Cor	n _G	n _B	
								KN		rpm		
SL12914	70	100	57	1	28,5	83	87	177	355	3800	2800	1,49
SL12916	80	110	57	1	28,5	92	96	188	395	3400	2400	1,65
SL12918	90	125	68	1,1	34	103	110	255	560	3000	2000	2,65
SL12920	100	140	78	1,1	39	116,5	124,5	325	740	2700	1800	3,85
SL12922	110	150	78	1,1	39	125	133,5	340	800	2500	1600	4,2
SL12924	120	165	87	1,1	43,5	139	148	380	880	2300	1500	6,65
SL12926	130	180	96	1,5	48	149,5	159,5	445	1030	2100	1300	7,55
SL12928	140	190	96	1,5	48	160	170	460	1100	2000	1200	8,05
SL12930	150	210	116	2	58	171,5	186,5	700	1640	1800	1100	12,8
SL12932	160	220	116	2	58	185	199,5	730	1770	1700	950	13,5
SL12934	170	230	116	2	58	194	208,5	750	1860	1600	900	14,2
SL12936	180	250	133	2	66,5	206	223,5	970	2410	1500	800	20,7
SL12938	190	260	133	2	66,5	216	233	1000	2550	1400	750	21,6
SL12940	200	280	152	2,1	76	231	251,5	1180	2950	1400	700	29,9

SL14 Series

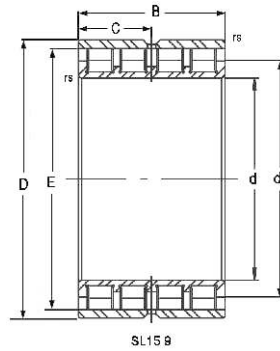


Technical Parameters:

Bearing Code	Dimensions								Basic Loading Rating		Limiting speed		Mass
	d	D	B	r _{min}	s	C	d1	E	Dyn.	Stat.	Limiting speed	Reference speed	
	mm								Cr	Cor	n _G	n _B	
									KN		rpm		
SL14914	70	100	44	1	1	15	83	91	142	265	3800	2800	1.1
SL14916	80	110	44	1	1	15	92	100	150	300	3400	2500	1.25
SL14918	90	125	52	1.1	1.5	17.5	103	115	205	425	3000	2100	1.95
SL14920	100	140	59	1.1	2	20	116.5	129	260	550	2700	1800	2.85
SL14922	110	150	59	1.1	2	20	125	138	270	600	2500	1600	3.1
SL14924	120	165	66	1.1	3	22.5	139	153	305	660	2300	1500	4.2
SL14926	130	180	73	1.5	4	25	149.5	165	355	770	2100	1300	5.6
SL14928	140	190	73	1.5	4	25	160	176	370	830	2000	1300	6
SL14930	150	210	88	2	4	30	171.5	192	560	1230	1800	1100	9.5
SL14932	160	220	88	2	4	30	185	206	580	1330	1700	1000	10
SL14934	170	230	88	2	4	30	194	215	600	1390	1600	950	10.5
SL14936	180	250	101	2	4	34.5	206	230	780	1810	1500	850	15.5
SL14938	190	260	101	2	4	34.5	216	240	800	1900	1400	800	16.2
SL14940	200	280	116	2.1	5	40	231	259	940	2220	1400	750	22.4

Precision Roller Bearings

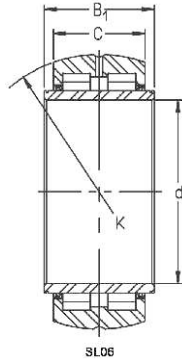
SL15 Series



Technical Parameters:

Bearing Code	Dimensions								Basic Loading Rating		Limiting speed		Mass
	d	D	B	r _{min}	s	C	d ₁	E	Dyn.	Stat.	Limiting speed	Reference speed	
	mm								Cr	Cor	n _G	n _B	
									KN		rpm		
SL15914	70	100	57	1	1	28.5	83	91	177	355	3800	2800	1.45
SL15916	80	110	57	1	1	28.5	92	100	188	395	3400	2400	1.6
SL15918	90	125	68	1.1	1.5	34	103	115	255	560	3000	2000	2.6
SL15920	100	140	78	1.1	2	39	116.5	129	325	740	2700	1800	3.8
SL15922	110	150	78	1.1	2	39	125	138	340	800	2500	1600	4.15
SL15924	120	165	87	1.1	3	43.5	139	153	380	880	2300	1500	5.55
SL15926	130	180	96	1.5	4	48	149.5	165	445	1030	2100	1300	7.4
SL15928	140	190	96	1.5	4	48	160	176	460	1100	2000	1200	7.9
SL15930	150	210	116	2	4	58	171.5	192	700	1640	1800	1100	12.6
SL15932	160	220	116	2	4	58	185	206	730	1770	1700	950	13.5
SL15934	170	230	116	2	4	58	194	215	750	1860	1600	900	13.9
SL15936	180	250	133	2	4	66.5	206	230	970	2410	1500	800	20.4
SL15938	190	260	133	2	4	66.5	216	240	1000	2550	1400	750	21.4
SL15940	200	280	152	2.1	5	76	231	259	1180	2950	1400	700	29.4

SL06 Series



Technical Parameters:

Bearing Code	Dimensions					Basic Loading Rating		Limiting speed	Mass
	d	OD K	Width	Outer ring width	Axial play	Dyn.	Stat.	n _G	
			B ₁	C	s	Cr	Cor		
mm						KN		rpm	kg
SL06 016E	80	120	55	45	2.5	172	300	1300	1.8
SL06 018E	90	140	60	50	2.5	219	370	1200	2.95
SL06 020E	100	150	65	55	2.5	280	490	1100	3.45
SL06 022E	110	170	75	60	5	340	620	950	5.2
SL06 024E	120	180	75	60	5	350	660	850	5.5
SL06 026E	130	200	80	65	5	435	810	800	7.8
SL06 028E	140	210	85	70	5	495	930	750	8.55
SL06 030E	150	225	90	75	5	540	1020	700	10.5
SL06 032E	160	240	110	90	7.5	660	1260	650	14.3
SL06 034E	170	260	115	95	7.5	760	1420	600	18.1
SL06 036E	180	280	120	100	7.5	790	1520	550	23
SL06 038E	190	290	135	110	10	950	1850	550	26.5
SL06 040E	200	310	140	115	10	1070	2060	500	32
SL06 044E	220	340	150	125	10	1260	2440	460	42
SL06 048E	240	360	155	130	10	1310	2600	430	46