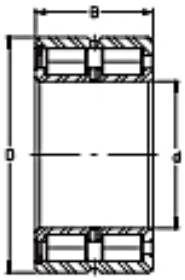
Cylindrical Roller Bearings

SL18 49, SL18 50 SERIES



- Double row
- Full complement for maximum capacity
- Semi-locating bearing

For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales (800)623-6572.

PART NUMBER	SHAFT d	SHAFT d	OD D	OD D	WIDTH B	WIDTH B	WEIGHT	WEIGHT	DYN. CAP. C	DYN. CAP C	STAT. CAP. C_s	STAT. CAP. C_0	SPEED LIMIT OIL
	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	kN	lbf	kN	rpm
SL18 5004	0.787	20	1.654	42	1.181	30	0.441	0.2	10,700	47.5	11,900	53	10000
SL18 5005	0.984	25	1.850	47	1.181	30	0.507	0.23	12,100	54	14,600	65	9000
SL18 5006	1.181	30	2.165	55	1.339	34	0.772	0.35	15,700	70	19,300	86	7500
SL18 5007	1.378	35	2.441	62	1.417	36	1.014	0.46	19,100	85	24,500	109	6500
SL18 5008	1.575	40	2.677	68	1.496	38	1.235	0.56	22,700	101	30,500	136	6000
SL18 5009	1.772	45	2.953	75	1.575	40	1.566	0.71	24,300	108	34,000	151	5500
SL18 5010	1.969	50	3.150	80	1.575	40	1.676	0.76	29,500	131	41,500	184	5000
SL18 5011	2.165	55	3.543	90	1.811	46	2.558	1.16	40,000	179	61,000	270	4500
SL18 4912	2.362	60	3.347	85	0.984	25	1.058	0.48	15,100	67	26,000	115	4500
SL18 5012	2.362	60	3.740	95	1.811	46	2.734	1.24	41,500	184	63,000	280	4200
SL18 5013	2.559	65	3.937	100	1.811	46	2.911	1.32	43,500	194	70,000	310	3900
SL18 4914	2.756	70	3.937	100	1.181	30	1.72	0.78	23,200	103	40,000	178	3800
SL18 5014	2.756	70	4.331	110	2.126	54	4.079	1.85	51,000	229	76,000	340	3600
SL18 5015	2.953	75	4.528	115	2.126	54	4.256	1.93	54,000	242	84,000	375	3400
SL18 4916	3.150	80	4.331	110	1.181	30	1.94	0.88	24,500	109	44,500	199	3400
SL18 5016	3.150	80	4.921	125	2.362	60	5.711	2.59	66,000	295	101,000	450	3200
SL18 5017	3.347	85	5.118	130	2.362	60	5.998	2.72	69,000	305	106,000	470	3000
SL18 4918	3.543	90	4.921	125	1.378	35	2.977	1.35	33,500	149	63,000	280	3000
SL18 5018	3.543	90	5.512	140	2.638	67	7.982	3.62	80,000	355	126,000	560	2800
SL18 4920	3.937	100	5.512	140	1.575	40	4.3	1.95	43,000	191	83,000	370	2700
SL18 5020	3.937	100	5.906	150	2.638	67	8.688	3.94	84,000	375	137,000	610	2600
SL18 4922	4.331	110	5.906	150	1.575	40	4.741	2.15	44,500	198	90,000	400	2500
SL18 5022	4.331	110	6.693	170	3.150	80	13.9	6.32	110,000	490	178,000	790	2300
SL18 4924	4.724	120	6.496	165	1.772	45	6.505	2.95	50,000	222	99,000	440	2300
SL18 5024	4.724	120	7.087	180	3.150	80	14.9	6.77	117,000	520	196,000	870	2200
SL18 4926	5.118	130	7.087	180	1.969	50	8.71	3.95	58,000	260	115,000	510	2100
SL18 5026	5.118	130	7.874	200	3.740	95	22.5	10.2	166,000	740	275,000	1220	2000
SL18 4928	5.512	140	7.480	190	1.969	50	9.261	4.2	61,000	270	124,000	550	2000
SL18 5028	5.512	140	8.268	210	3.740	95	24.5	11.1	175,000	780	300,000	1340	1900
SL18 4930	5.906	150	8.268	210	2.362	60	14.7	6.65	92,000	410	184,000	820	1800
SL18 5030	5.906	150	8.858	225	3.937	100	29.3	13.3	182,000	810	315,000	1400	1700
SL18 4932	6.299	160	8.661	220	2.362	60	15.4	7	96,000	425	198,000	880	1700
SL18 4934	6.693	170	9.055	230	2.362	60	16.2	7.35	98,000	435	209,000	930	1600
SL18 4936	7.087	180	9.843	250	2.717	69	23.8	10.8	128,000	570	270,000	1200	1500
SL18 4938	7.480	190	10.236	260	2.717	69	24.7	11.2	130,000	580	285,000	1270	1400
SL18 4940	7.874	200	11.024	280	3.150	80	34.8	15.8	155,000	690	335,000	1480	1400
SL18 4944	8.661	220	11.811	300	3.150	80	37.9	17.2	162,000	720	355,000	1590	1200
SL18 4948	9.449	240	12.598	320	3.150	80	40.8	18.5	166,000	740	385,000	1710	1200
SL18 4952	10.236	260	14.173	360	3.937	100	70.6	32	250,000	1110	560,000	2490	1000
SL18 4956	11.024	280	14.961	380	3.937	100	75.0	34	260,000	1150	610,000	2700	1000
SL18 4960	11.811	300	16.535	420	4.646	118	116.9	53	370,000	1650	850,000	3800	900
SL18 4964	12.598	320	17.323	440	4.646	118	123.5	56	385,000	1720	920,000	4100	850
SL18 4968	13.386	340	18.110	460	4.646	118	130.1	59	400,000	1770	970,000	4300	800
SL18 4972	14.173	360	18.898	480	4.646	118	136.9	62.1	405,000	1810	1,010,000	4500	750
SL18 4976	14.961	380	20.472	520	5.512	140	203.7	92.4	510,000	2270	1,260,000	5600	700
SL18 4980	15.748	400	21.260	540	5.512	140	212.8	96.5	520,000	2330	1,330,000	5900	700

Cylindrical Roller Bearings

SL01 SERIES



- Double row
- Full complement for maximum capacity
- Locating bearing

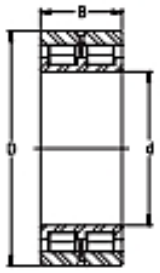
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales (800)623-6572.

PART NUMBER	SHAFT d inch	SHAFT d mm	OD D inch	OD D mm	WIDTH B inch	WIDTH B mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. C lbf	DYN. CAP C kN	STAT. CAP. C_0 lbf	STAT. CAP. C_0 kN	SPEED LIMIT OIL rpm
SL01 4912	2.362	60	3.347	85	0.984	25	1.08	0.49	15,100	67	26,000	115	4500
SL01 4914	2.756	70	3.937	100	1.181	30	1.72	0.78	23,200	103	40,000	178	3800
SL01 4916	3.150	80	4.331	110	1.181	30	1.94	0.88	24,500	109	44,500	199	3400
SL01 4918	3.543	90	4.921	125	1.378	35	2.977	1.35	33,500	149	63,000	280	3000
SL01 4920	3.937	100	5.512	140	1.575	40	4.3	1.95	43,000	191	83,000	370	2700
SL01 4922	4.331	110	5.906	150	1.575	40	4.741	2.15	44,500	198	90,000	400	2500
SL01 4924	4.724	120	6.496	165	1.772	45	6.505	2.95	50,000	222	99,000	440	2300
SL01 4926	5.118	130	7.087	180	1.969	50	8.71	3.95	58,000	260	115,000	510	2100
SL01 4928	5.512	140	7.480	190	1.969	50	9.261	4.2	61,000	270	124,000	550	2000
SL01 4830	5.906	150	7.480	190	1.575	40	6.395	2.9	52,000	231	119,000	530	1900
SL01 4930	5.906	150	8.268	210	2.362	60	14.7	6.65	92,000	410	184,000	820	1800
SL01 4832	6.299	160	7.874	200	1.575	40	6.836	3.1	53,000	237	126,000	560	1800
SL01 4932	6.299	160	8.661	220	2.362	60	15.4	7	96,000	425	198,000	880	1700
SL01 4834	6.693	170	8.465	215	1.772	45	9.041	4.1	58,000	260	135,000	600	1700
SL01 4934	6.693	170	9.055	230	2.362	60	16.2	7.35	98,000	435	209,000	930	1600
SL01 4836	7.087	180	8.858	225	1.772	45	9.482	4.3	61,000	270	144,000	640	1600
SL01 4936	7.087	180	9.843	250	2.717	69	23.8	10.8	128,000	570	270,000	1200	1500
SL01 4838	7.480	190	9.449	240	1.969	50	12.458	5.65	70,000	310	164,000	730	1500
SL01 4938	7.480	190	10.236	260	2.717	69	24.7	11.2	130,000	580	285,000	1270	1400
SL01 4840	7.874	200	9.843	250	1.969	50	13.01	5.9	72,000	320	173,000	770	1400
SL01 4940	7.874	200	11.024	280	3.150	80	34.8	15.8	155,000	690	335,000	1480	1400
SL01 4844	8.661	220	10.630	270	1.969	50	14.112	6.4	75,000	335	189,000	840	1300
SL01 4944	8.661	220	11.811	300	3.150	80	37.9	17.2	162,000	720	355,000	1590	1200
SL01 4848	9.449	240	11.811	300	2.362	60	22.05	10	112,000	500	275,000	1230	1200
SL01 4948	9.449	240	12.598	320	3.150	80	40.8	18.5	166,000	740	385,000	1710	1200
SL01 4852	10.236	260	12.598	320	2.362	60	24.255	11	119,000	530	300,000	1340	1100
SL01 4952	10.236	260	14.173	360	3.937	100	70.6	32	250,000	1110	560,000	2490	1000
SL01 4856	11.024	280	13.780	350	2.717	69	35.28	16	155,000	690	400,000	1790	1000
SL01 4956	11.024	280	14.961	380	3.937	100	75.0	34	260,000	1150	610,000	2700	1000
SL01 4860	11.811	300	14.961	380	3.150	80	50.715	23	184,000	820	470,000	2090	950
SL01 4960	11.811	300	16.535	420	4.646	118	116.9	53	370,000	1650	850,000	3800	900
SL01 4864	12.598	320	15.748	400	3.150	80	52.92	24	191,000	850	500,000	2240	900
SL01 4964	12.598	320	17.323	440	4.646	118	123.5	56	385,000	1720	920,000	4100	850
SL01 4868	13.386	340	16.535	420	3.150	80	56.228	25.5	196,000	870	530,000	2350	850
SL01 4968	13.386	340	18.110	460	4.646	118	130.1	59	400,000	1770	970,000	4300	800
SL01 4872	14.173	360	17.323	440	3.150	80	59.535	27	202,000	900	560,000	2500	800
SL01 4972	14.173	360	18.898	480	4.646	118	136.9	62.1	405,000	1810	1,010,000	4500	750
SL01 4876	14.961	380	18.898	480	3.937	100	100.328	45.5	295,000	1310	780,000	3450	750
SL01 4976	14.961	380	20.472	520	5.512	140	203.7	92.4	510,000	2270	1,260,000	5600	700
SL01 4880	15.748	400	19.685	500	3.937	100	102.533	46.5	300,000	1330	810,000	3600	700
SL01 4980	15.748	400	21.260	540	5.512	140	212.8	96.5	520,000	2330	1,330,000	5900	700

Cylindrical Roller Bearings

SL02 SERIES

- Double row
- Full complement for maximum capacity
- Non-locating bearing



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For engineering or technical information contact your local sales representative or call Distributor Sales (800)623-6572.

PART NUMBER	SHAFT d	SHAFT d	OD D	OD D	WIDTH B	WIDTH B	WEIGHT	WEIGHT	DYN. CAP. C	DYN. CAP C	STAT. CAP. C_0	STAT. CAP. C_0	SPEED LIMIT OIL
	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	kN	lbf	kN	rpm
SL02 4912	2.362	60	3.347	85	0.984	25	1.036	0.47	15,100	67	26,000	115	4500
SL02 4914	2.756	70	3.937	100	1.181	30	1.654	0.75	23,200	103	40,000	178	3800
SL02 4916	3.150	80	4.331	110	1.181	30	1.874	0.85	24,500	109	44,500	199	3400
SL02 4918	3.543	90	4.921	125	1.378	35	2.867	1.3	33,500	149	63,000	280	3000
SL02 4920	3.937	100	5.512	140	1.575	40	4.19	1.9	43,000	191	83,000	370	2700
SL02 4922	4.331	110	5.906	150	1.575	40	4.631	2.1	44,500	198	90,000	400	2500
SL02 4924	4.724	120	6.496	165	1.772	45	6.284	2.85	50,000	222	99,000	440	2300
SL02 4926	5.118	130	7.087	180	1.969	50	8.379	3.8	58,000	260	115,000	510	2100
SL02 4928	5.512	140	7.480	190	1.969	50	9.041	4.1	61,000	270	124,000	550	2000
SL02 4830	5.906	150	7.480	190	1.575	40	6.174	2.8	52,000	231	119,000	530	1900
SL02 4930	5.906	150	8.268	210	2.362	60	14.2	6.45	92,000	410	184,000	820	1800
SL02 4832	6.299	160	7.874	200	1.575	40	6.615	3	53,000	237	126,000	560	1800
SL02 4932	6.299	160	8.661	220	2.362	60	15.0	6.8	96,000	425	198,000	880	1700
SL02 4834	6.693	170	8.465	215	1.772	45	8.71	3.95	58,000	260	135,000	600	1700
SL02 4934	6.693	170	9.055	230	2.362	60	15.7	7.1	98,000	435	209,000	930	1600
SL02 4836	7.087	180	8.858	225	1.772	45	9.151	4.15	61,000	270	144,000	640	1600
SL02 4936	7.087	180	9.843	250	2.717	69	23.2	10.5	128,000	570	270,000	1200	1500
SL02 4838	7.480	190	9.449	240	1.969	50	12.0	5.45	70,000	310	164,000	730	1500
SL02 4938	7.480	190	10.236	260	2.717	69	24.0	10.9	130,000	580	285,000	1270	1400
SL02 4840	7.874	200	9.843	250	1.969	50	12.6	5.7	72,000	320	173,000	770	1400
SL02 4940	7.874	200	11.024	280	3.150	80	33.7	15.3	155,000	690	335,000	1480	1400
SL02 4844	8.661	220	10.630	270	1.969	50	13.7	6.2	75,000	335	189,000	840	1300
SL02 4944	8.661	220	11.811	300	3.150	80	36.8	16.7	162,000	720	355,000	1590	1200
SL02 4848	9.449	240	11.811	300	2.362	60	21.8	9.9	112,000	500	275,000	1230	1200
SL02 4948	9.449	240	12.598	320	3.150	80	39.5	17.9	166,000	740	385,000	1710	1200
SL02 4852	10.236	260	12.598	320	2.362	60	23.4	10.6	119,000	530	300,000	1340	1100
SL02 4952	10.236	260	14.173	360	3.937	100	68.8	31.2	250,000	1110	560,000	2490	1000
SL02 4856	11.024	280	13.780	350	2.717	69	34.4	15.6	155,000	690	400,000	1790	1000
SL02 4956	11.024	280	14.961	380	3.937	100	73.0	33.1	260,000	1150	610,000	2700	1000
SL02 4860	11.811	300	14.961	380	3.150	80	48.5	22	184,000	820	470,000	2090	950
SL02 4960	11.811	300	16.535	420	4.646	118	114.4	51.9	370,000	1650	850,000	3800	900
SL02 4864	12.598	320	15.748	400	3.150	80	51.8	23.5	191,000	850	500,000	2240	900
SL02 4964	12.598	320	17.323	440	4.646	118	121.1	54.9	385,000	1720	920,000	4100	850
SL02 4868	13.386	340	16.535	420	3.150	80	55.1	25	196,000	870	530,000	2350	850
SL02 4968	13.386	340	18.110	460	4.646	118	127.4	57.8	400,000	1770	970,000	4300	800
SL02 4872	14.173	360	17.323	440	3.150	80	57.3	26	202,000	900	560,000	2500	800
SL02 4972	14.173	360	18.898	480	4.646	118	134.1	60.8	405,000	1810	1,010,000	4500	750
SL02 4876	14.961	380	18.898	480	3.937	100	97.0	44	295,000	1310	780,000	3450	750
SL02 4976	14.961	380	20.472	520	5.512	140	199.6	90.5	510,000	2270	1,260,000	5600	700
SL02 4880	15.748	400	19.685	500	3.937	100	101.0	45.8	300,000	1330	810,000	3600	700
SL02 4980	15.748	400	21.260	540	5.512	140	208.6	94.6	520,000	2330	1,330,000	5900	700