

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.

Full complement cylindrical roller Bearing



Motion(shanghai)Industrial Development Co.,Ltd

Part No.	Dimensions				Basic Load Rating		Mass
	d	D	B	S	dyn.	stat.	
MOTN							KG
SL183004	20	42	16	1.5	30.5	26.5	0.11
SL182204	20	47	18	1	45.5	37.5	0.16
SL185004	21	42	30	1	53	53	0.2
SL183005	25	47	16	1.5	35	32.5	0.12
SL182205	25	52	18	1	51	45	0.18
SL192305	25	62	24	2	73	60	0.37
SL185005	25	47	30	1	60	65	0.23
SL183006	30	55	19	2	45	43	0.2
SL182206	30	62	20	1	70	65	0.3
SL192306	30	72	27	2	100	88	0.56
SL185006	30	55	34	1.5	78	84	0.35
SL183007	35	62	20	2	55	55	0.26
SL182207	35	72	23	1	88	79	0.44
SL192307	35	80	31	2	126	112	0.74
SL185007	35	62	36	1.5	94	109	0.46
SL183008	40	68	21	2	66	68	0.31
SL182208	40	80	23	1	97	93	0.55
SL192308	40	90	33	2	170	156	1.01
SL185008	40	68	38	1.5	113	136	0.56
SL183009	45	75	23	2	70	76	0.4
SL182209	45	85	23	1	101	99	0.59
SL192309	45	100	36	3	181	169	1.37
SL185009	45	75	40	1.5	120	151	0.71
SL183010	50	80	23	2	88	96	0.43

SL182210	50	90	23	1	109	113	0.64
SL192310	50	110	40	3	232	219	1.81
SL185010	50	80	40	1.5	151	191	0.76
SL183011	55	90	26	2	120	136	0.64
SL182211	55	100	25	1	140	150	0.87
SL192311	55	120	43	3	270	255	2.28
SL185011	55	90	46	1.5	206	275	1.16
SL182912	60	85	16	1	63	78	0.29
SL183012	60	95	26	2	123	145	0.69
SL182212	60	110	28	1.5	169	180	1.18
SL192312	60	130	46	3	285	280	2.88
SL185012	60	95	46	1.5	212	290	1.24
SL182913	65	90	16	1	67	86	0.31
SL183013	65	100	26	2	130	159	0.73
SL182213	65	120	31	1.5	198	214	1.57
SL192313	65	140	48	3.5	350	355	3.52
SL185013	65	100	46	1.5	223	320	1.32
SL182914	70	100	19	1	88	114	0.49
SL183014	70	110	30	3	153	176	1.02
SL182214	70	125	31	1.5	184	117	1.66
SL192314	70	150	51	3.5	385	390	4.33
SL185014	70	110	54	3	265	355	1.85
SL182915	75	105	10	1	91	121	0.52
SL183015	75	115	30	3	162	194	1.06
SL182215	75	130	31	1.5	190	241	1.75
SL192315	75	160	55	3.5	460	465	5.3
SL185015	75	115	54	3	275	390	1.93
SL182916	80	110	19	1	94	129	0.55
SL183016	80	125	34	4	173	225	1.43
SL182216	80	140	33	1.5	226	285	2.15
SL192316	80	170	58	3.5	540	560	6.32
SL185016	80	125	60	3.5	295	450	2.59
SL182917	85	120	22	1	118	162	0.81
SL183017	85	130	34	4	178	237	1.51
SL182217	85	150	36	1.5	255	325	2.74
SL192317	85	180	60	4	570	620	7.32
SL185017	85	130	60	3.5	305	475	2.72
SL182918	90	125	22	1	122	172	0.84
SL183018	90	140	37	4	208	280	1.97
SL182218	90	160	40	2.5	290	370	3.48
SL192318	90	190	64	4	620	660	8.83
SL185018	90	140	67	4	355	560	3.62
SL182919	95	130	22	1	132	179	0.86
SL182219	95	170	43	2.5	340	435	4.17
SL192319	95	200	67	4	650	720	10.2
SL182920	100	140	24	1.5	152	206	1.14
SL183020	100	150	37	4	219	310	2.15
SL182220	100	180	46	2.5	395	520	5.13
SL192320	100	215	73	4	790	860	13
SL185020	100	150	67	4	375	620	3.94

SL182922	110	150	24	1.5	155	220	1.23
SL183022	110	170	45	5.5	285	395	3.5
SL182222	110	200	53	4	455	590	7.24
SL192322	110	240	80	5	950	980	17
SL185022	110	170	80	5	490	790	6.32
SL182924	120	165	27	1.5	199	295	1.73
SL183024	120	180	46	5.5	300	435	3.8
SL182224	120	215	58	4	540	730	9.08
SL192324	120	260	86	5	1130	1240	22.3
SL185024	120	180	80	5	520	870	6.77
SL182926	130	180	30	2	238	355	2.33
SL183026	130	200	52	5.5	435	620	5.65
SL182226	130	230	64	5	630	860	11.25
SL185026	130	200	95	5	740	1230	10.2
SL182928	140	190	30	2	260	385	2.42
SL183028	140	210	53	5.5	455	680	6.04
SL182228	140	250	68	5	720	1020	14.47
SL185028	140	210	95	5	780	1360	11.1
SL182930	150	210	36	2.5	340	490	3.77
SL183030	150	225	56	7	480	710	7.33
SL182230	150	270	73	6	830	1180	18.43
SL185030	150	225	100	6	810	1390	13.3
SL182932	160	220	36	2.5	350	520	4
SL183032	160	240	60	7	550	820	8.8
SL182232	160	290	80	6	1030	1490	23
SL185032	160	240	109	6	952	1600	16.2

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