



Full Complement Cylindrical Roller Bearings



Full complement cylindrical roller bearings incorporate the maximum number of rollers and rules have a low sectional height in relation to their width. This produces an extremely high load carrying capacity and permits space-saving designs to be achieved. HTB produces single and double row full complement cylindrical roller bearings as part of the standard product range.

Product Highlights

Crowned raceways for better life

Horned (Super finished) raceways

Large range

Customized solutions for special application

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 design. 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.

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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.

SUFFIXES

Suffixes	Description	Design
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	Standard depending on series, see table
TB	Bearing with increased axial load carrying capacity	Standard depending on bearings sizes, see
RR	Corrosion-resistant design, with Corrotect® coating	dim. table
2NR	Cable sheave bearing supplied with two loose packed retaining rings WRE	
-	Without seals	
P	Seal on one side	
PP	Seals on both side, for cable sheave bearings	Standard

Full Complement Cylindrical Roller Bearings

Bore Diameter	Radial Internal Clearance								
		CN		C3		C4		C5	
d	Incl.	min	max	min	max	min	max	min	max
over (mm)	mm	micron							
-	24	20	45	35	60	50	75	65	90
24	30	20	45	35	60	50	75	70	95
30	40	25	50	45	70	60	85	80	105
40	50	30	60	50	80	70	100	95	125
50	65	40	70	60	90	80	110	110	140
65	80	40	75	65	100	90	125	130	165
80	100	50	85	75	110	105	140	155	190
100	120	50	90	85	125	125	165	180	220
120	140	60	105	100	145	145	190	200	245
140	160	70	120	115	165	165	215	225	275
160	180	75	125	120	170	170	220	250	300
180	200	90	145	140	195	195	250	275	330
200	225	105	165	160	220	220	280	305	365
225	250	110	175	170	235	235	300	330	395
250	280	125	195	190	260	260	330	370	440
280	315	130	205	200	275	275	350	410	485
315	355	145	225	225	305	305	385	455	535
355	400	190	280	280	370	370	460	510	600
400	450	210	310	310	410	410	510	565	665
450	500	220	330	330	440	440	550	625	735

Full Complement Cylindrical Roller Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass
	d	D	B	Dynamic	Static			
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg
SL04130-PP	130	190	80	430.0	790.0	99.0	800	7.500
SL04140-PP	140	200	80	445.0	840.0	104.0	750	8.000
SL04150-PP	150	210	80	465.0	920.0	111.0	700	8.400
SL04160-PP	160	220	80	480.0	970.0	116.0	700	88.000
SL04170-PP	170	230	80	490.0	1030.0	120.0	650	9.300
SL04180-PP	180	240	80	500.0	1080.0	125.0	600	9.800
SL04190-PP	190	260	80	520.0	1130.0	131.0	550	12.700
SL04200-PP	200	270	80	540.0	1210.0	136.0	550	13.200
SL04220-PP	220	300	95	700.0	1550.0	174.0	480	19.500
SL04240-PP	240	320	95	740.0	1700.0	186.0	480	21.000
SL04260-PP	260	340	95	840.0	1990.0	215.0	440	22.500
SL04300-PP	300	380	95	900.0	2250.0	234.0	380	25.500
SL045004-PP	20	42	30	40.5	49.0	6.9	4000	0.200
SL045005-PP	25	47	30	44.5	58.0	8.1	3600	0.240
SL045006-PP	30	55	34	50.0	67.0	9.5	3000	0.370
SL045007-PP	35	62	36	63.0	88.0	12.4	2600	0.480
SL045008-PP	40	68	38	76.0	103.0	16.0	2400	0.560
SL045009-PP	45	75	40	92.0	130.0	19.9	2200	0.700
SL045010-PP	50	80	40	97.0	142.0	21.7	2000	0.760
SL045011-PP	55	90	46	115.0	175.0	25.5	1800	1.180
SL045012-PP	60	95	46	120.0	189.0	27.5	1700	1.260
SL045013-PP	65	100	46	125.0	203.0	29.5	1600	1.330

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SL045014-PP	70	110	54	168.0	265.0	36.0	1400	1.870
SL045015-PP	75	115	54	194.0	300.0	42.0	1400	1.960
SL045016-PP	80	125	60	203.0	325.0	45.0	1300	2.710
SL045017-PP	85	130	60	211.0	350.0	47.5	1200	2.830
SL045018-PP	90	140	67	305.0	510.0	69.0	1100	3.710
SL045019-PP	95	145	67	315.0	530.0	71.0	1100	3.880
SL045020-PP	100	150	67	330.0	550.0	73.0	1000	3.950
SL045022-PP	110	170	80	395.0	680.0	89.0	900	6.570
SL045024-PP	120	180	80	410.0	740.0	94.0	900	7.040
SL045026-PP	130	200	95	540.0	960.0	122.0	800	10.500
SL045028-PP	140	210	95	610.0	1100.0	139.0	750	11.100
SL045030-PP	150	225	100	710.0	1260.0	156.0	700	13.300
SL045032-PP	160	240	109	740.0	1360.0	165.0	650	16.600
SL045034-PP	170	260	122	960.0	1750.0	212.0	600	22.600
SL045036-PP	180	280	136	1140.0	2130.0	255.0	550	30.100
SL045038-PP	190	290	136	1160.0	2210.0	260.0	550	31.500
SL045040-PP	200	310	150	1350.0	2600.0	300.0	500	40.800
SL045044-PP	220	340	160	1570.0	3050.0	350.0	480	52.500
SL045048-PP	240	360	160	1630.0	3300.0	370.0	440	56.000
SL045052-PP	260	400	190	2380.0	4700.0	520.0	400	84.500
SL045056-PP	280	420	190	2600.0	5200.0	570.0	380	90.000
SL045060-PP	300	460	218	3000.0	5800.0	620.0	340	126.000

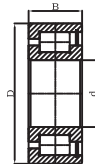
Full Complement Cylindrical Roller Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass			
	d	D	B	Dynamic	Static				INA	FAG	SKF
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg			
SL014830	150	190	40	231.0	530.0	62.0	1528	2.900	SL014830	NNC 4830V	NNC 4830V
SL014832	160	200	40	237.0	560.0	64.0	1456	3.100	SL014832	NNC 4832V	NNC 4832V
SL014834	170	215	45	260.0	600.0	68.0	1352	4.100	SL014834	NNC 4834V	NNC 4834V
SL014836	180	225	45	270.0	640.0	72.0	1272	4.300	SL014836	NNC 4836V	NNC 4836V
SL014838	190	240	50	310.0	730.0	81.0	1208	5.650	SL014838	NNC 4838V	NNC 4838V
SL014840	200	250	50	320.0	770.0	84.0	1152	5.900	SL014840	NNC 4840V	NNC 4840V
SL014844	220	270	50	335.0	840.0	90.0	1056	6.400	SL014844	NNC 4844V	NNC 4844V
SL014848	240	300	60	510.0	1260.0	135.0	968	10.000	SL014848	NNC 4848V	NNC 4848V
SL014852	260	320	60	540.0	1370.0	143.0	896	11.000	SL014852	NNC 4852V	NNC 4852V
SL014856	280	350	69	700.0	1820.0	189.0	816	16.000	SL014856	NNC 4856V	NNC 4856V
SL014860	300	380	80	820.0	2070.0	214.0	768	23.000	SL014860	NNC 4860V	NNC 4860V
SL014864	320	400	80	850.0	2220.0	225.0	720	24.000	SL014864	NNC 4864V	NNC 4864V
SL014868	340	420	80	870.0	2330.0	233.0	688	25.500	SL014868	NNC 4868V	NNC 4868V
SL014872	360	440	80	900.0	2480.0	244.0	648	27.000			
SL014876	380	480	100	1320.0	3500.0	345.0	600	45.500			
SL014880	400	500	100	1350.0	3650.0	355.0	576	46.500			

SL014912	60	85	25	70.0	121.0	17.3	3600	0.490	SL014912	NNC 4912V	NNC 4912V
SL014914	70	100	30	106.0	185.0	27.0	3040	0.780	SL014914	NNC 4914V	NNC 4914V
SL014916	80	100	30	112.0	206.0	30.0	2760	0.880	SL014916	NNC 4916V	NNC 4916V
SL014918	90	125	35	153.0	290.0	39.0	2400	1.350	SL014918	NNC 4918V	NNC 4918V
SL014920	100	140	40	191.0	370.0	47.5	2160	1.950	SL014920	NNC 4920V	NNC 4920V
SL014922	110	150	40	198.0	400.0	50.0	2000	2.150	SL014922	NNC 4922V	NNC 4922V

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Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass			
	d	D	B	Dynamic	Static				INA	FAG	SKF
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg			
SL014924	120	165	45	222.0	440.0	55.0	1808	2.950	SL014924	NNC 4924V	NNC 4924V
SL014926	130	180	50	260.0	510.0	63.0	1680	3.950	SL014926	NNC 4926V	NNC 4926V
SL014928	140	190	50	270.0	550.0	66.0	1568	4.200	SL014928	NNC 4928V	NNC 4928V
SL014930	150	210	60	410.0	820.0	98.0	1528	6.650	SL014930	NNC 4930V	NNC 4930V
SL014932	160	220	60	425.0	880.0	104.0	1456	7.000	SL014932	NNC 4932V	NNC 4932V
SL014934	170	230	60	435.0	930.0	108.0	1352	7.350	SL014934	NNC 4934V	NNC 4934V
SL014936	180	250	69	570.0	1200.0	140.0	1272	10.800	SL014936	NNC 4936V	NNC 4936V
SL014938	190	260	69	580.0	1270.0	145.0	1208	11.200	SL014938	NNC 4938V	NNC 4938V
SL014940	200	280	80	680.0	1440.0	165.0	1152	15.800	SL014940	NNC 4940V	NNC 4940V
SL014944	220	300	80	700.0	1550.0	174.0	1056	17.200	SL014944	NNC 4944V	NNC 4944V
SL014948	240	320	80	740.0	1700.0	186.0	968	18.500	SL014948	NNC 4948V	NNC 4948V
SL014952	260	360	100	1100.0	2470.0	270.0	896	32.000	SL014952	NNC 4952V	NNC 4952V
SL014956	280	380	100	1150.0	2650.0	285.0	816	34.000	SL014956	NNC 4956V	NNC 4956V
SL014960	300	420	118	1630.0	3700.0	390.0	768	53.000	SL014960	NNC 4960V	NNC 4960V
SL014964	320	440	118	1700.0	4050.0	415.0	720	56.000	SL014964	NNC 4964V	NNC 4964V
SL014968	340	460	118	1750.0	4250.0	430.0	688	59.000	SL014968	NNC 4968V	NNC 4968V
SL014972	360	480	118	1790.0	4450.0	445.0	648	62.100	SL014972	NNC 4972V	NNC 4972V
SL014976	380	520	140	2250.0	5500.0	560.0	600	92.400	SL014976	NNC 4976V	NNC 4976V
SL014980	400	540	140	2310.0	5800.0	580.0	576	96.500	SL014980	NNC 4980V	NNC 4980V
SL024830	150	190	40	231.0	530.0	62.0	1528	2.800	SL024830	NNCL 4830V	NNCL 4830V
SL024832	160	200	40	237.0	560.0	64.0	1456	3.000	SL024832	NNCL 4832V	NNCL 4832V
SL024834	170	215	45	260.0	600.0	68.0	1352	3.950	SL024834	NNCL 4834V	NNCL 4834V

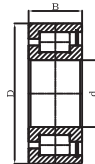
Full Complement Cylindrical Roller Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass			
	d	D	B	Dynamic	Static				INA	FAG	SKF
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg			
SL024836	180	225	45	2701.0	640.0	72.0	1272	4.150	SL024836	NNCL4836V.C3	NNCL4836V.C3
SL024838	190	240	50	310.0	73.0	81.0	1208	5.450	SL024838	NNCL4836V.C3	NNCL4836V.C3
SL024840	200	250	50	320.0	770.0	84.0	1152	5.700	SL024840	NNCL4840V.C3	NNCL4840V.C3
SL024844	220	270	50	335.0	840.0	90.0	1056	6.200	SL024844	NNCL4844V.C3	NNCL4844V.C3
SL024848	240	300	60	510.0	1260.0	135.0	968	9.900	SL024848	NNCL4848V.C3	NNCL4848V.C3
SL024852	260	320	60	540.0	1370.0	143.0	896	10.600	SL024852	NNCL4852V.C3	NNCL4852V.C3
SL024856	280	350	69	700.0	1820.0	189.0	816	15.600	SL024856	NNCL4856V.C3	NNCL4856V.C3
SL024860	300	380	80	820.0	2070.0	214.0	768	22.000	SL024860	NNCL4860V.C3	NNCL4860V.C3
SL024864	320	400	80	850.0	2220.0	225.0	720	23.500	SL024864	NNCL4864V.C3	NNCL4864V.C3
SL024868	340	520	80	870.0	2330.0	233.0	688	25.000	SL024868	NNCL4868V.C3	NNCL4868V.C3
SL024872	360	440	80	900.0	2480.0	244.0	648	26.000	SL024872	NNCL4872V.C3	NNCL4872V.C3
SL024876	380	480	100	1320.0	3500.0	345.0	600	44.000	SL024876	NNCL4876V.C3	NNCL4876V.C3
SL024880	400	500	100	1350.0	3650.0	355.0	576	45.800	SL024880	NNCL4880V.C3	NNCL4880V.C3

SL024912	60	85	25	70.0	121.0	173.0	3600	0.470	SL024912	NNCL4912V	NNCL4912V
SL024914	70	100	30	106.0	185.0	270.0	3040	0.750	SL024914	NNCL4914V.C3	NNCL4914V.C3
SL024916	80	110	30	112.0	206.0	30.0	2760	0.850	SL024916	NNCL4916V.C3	NNCL4916V.C3
SL024918	90	125	35	153.0	290.0	39.0	2400	1.300	SL024918	NNCL4918V.C3	NNCL4918V.C3
SL024920	100	140	40	191.0	370.0	47.5	2160	1.900	SL024920	NNCL4920V.C3	NNCL4920V.C3
SL024922	110	150	40	198.0	400.0	50.0	2000	2.100	SL024922	NNCL4922V.C3	NNCL4922V.C3
SL024924	120	165	45	222.0	440.0	55.0	1808	2.850	SL024924	NNCL4924V.C3	NNCL4924V.C3
SL024926	130	180	50	260.0	510.0	63.0	1680	3.800	SL024926	NNCL4926V.C3	NNCL4926V.C3
SL024928	140	190	50	270.0	550.0	66.0	1568	4.100	SL024928	NNCL4928V.C3	NNCL4928V.C3

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	d	D	B	Dynamic	Static				INA	FAG	SKF
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg			
SL024930	150	210	60	410.0	820.0	98.0	1528	6.450	SL024930	NNCL4930V.C3	NNCL4930V.C3
SL024932	160	220	60	425.0	880.0	104.0	1456	6.800	SL024932	NNCL4932V.C3	NNCL4932V.C3
SL024934	170	230	60	435.0	930.0	108.0	1352	7.100	SL024934	NNCL4934V.C3	NNCL4934V.C3
SL024936	180	250	69	570.0	1200.0	140.0	1272	10.500	SL024936	NNCL4936V.C3	NNCL4936V.C3
SL024938	190	260	69	580.0	1270.0	145.0	1208	10.900	SL024938	NNCL4938V.C3	NNCL4938V.C3
SL024940	200	280	80	680.0	1440.0	165.0	1152	15.300	SL024940	NNCL4940V.C3	NNCL4940V.C3
SL024944	220	300	80	700.0	1550.0	174.0	1056	16.700	SL024944	NNCL4944V.C3	NNCL4944V.C3
SL024948	240	320	80	740.0	1700.0	186.0	968	17.900	SL024948	NNCL4948V.C3	NNCL4948V.C3
SL024952	260	360	100	1100.0	2470.0	270.0	896	31.200	SL024952	NNCL4952V	NNCL4952V
SL024956	280	380	100	1150.0	2650.0	285.0	816	33.100	SL024956	NNCL4956V	NNCL4956V
SL024960	300	420	118	1630.0	3700.0	390.0	768	51.900	SL024960	NNCL4960V	NNCL4960V
SL024964	320	440	118	1700.0	4050.0	415.0	720	54.900	SL024964	NNCL4964V	NNCL4964V
SL024968	340	460	118	1750.0	4250.0	430.0	688	57.800	SL024968	NNCL4968V	NNCL4968V
SL024972	360	480	118	1790.0	4450.0	445.0	648	60.800	SL024972	NNCL4972V	NNCL4972V
SL024976	380	520	140	2250.0	5500.0	560.0	600	90.500			
SL024980	400	540	140	2310.0	5800.0	580.0	576	94.600	SL024980	NNCL4980V	NNCL4980V
SL181840	200	250	24	183.0	330.0	33.5	1440	2.570	SL181840	NCF 1840V	NCF 1840V
SL181844	220	270	24	192.0	365.0	36.0	1320	2.800	SL181844	NCF 1844V	NCF 1844V
SL181848	240	300	28	265.0	490.0	51.0	1200	4.290	SL181848	NCF 1848V	NCF 1848V
SL181852	260	320	28	275.0	530.0	54.0	1120	4.610	SL181852	NCF 1852V	NCF 1852V
SL181856	280	350	33	355.0	670.0	69.0	1030	6.890	SL181856	NCF 1856V	NCF 1856V

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	d	D	B	Dynamic	Static						
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg	INA	FAG	SKF
SL182204	20	47	18	45.5	37.5	6.1	9700	0.160	SL182204	SL182204	NCF 2204V
SL182205	25	52	18	51.0	45.0	7.4	8400	0.180	SL182205	SL182205	NCF 2205V
SL182206	30	62	20	70.0	65.0	10.2	7000	0.300	SL182206	SL182206	NCF 2206V
SL182207	35	72	23	88.0	79.0	12.7	6100	0.440	SL182207	SL182207	NCF 2207V
SL182208	40	80	23	97.0	93.0	14.9	5400	0.550	SL182208	SL182208	NCF 2208V
SL182209	45	85	23	101.0	99.0	16.0	5000	0.590	SL182209	SL182209	NCF 2209V
SL182210	50	90	23	109.0	113.0	18.1	4650	0.640	SL182210	SL182210	NCF 2210V
SL182211	55	100	25	140.0	150.0	25.0	4200	0.870	SL182211	SL182211	NCF 2211V
SL182212	60	110	28	169.0	180.0	31.0	1800	1.180	SL182212	SL182212	NCF 2212V
SL182213	65	120	31	198.0	214.0	37.0	3500	0.157	SL182213	SL182213	NCF 2213V
SL182214	70	125	31	184.0	227.0	32.0	3300	1.660	SL182214	SL182214	NCF 2214V
SL182215	75	130	31	190.0	241.0	33.5	3150	1.750	SL182215	SL182215	NCF 2215V
SL182216	80	140	33	226.0	285.0	38.5	2950	2.150	SL182216	SL182216	NCF 2216V
SL182217	85	150	36	255.0	325.0	44.5	2750	2.740	SL182217	SL182217	NCF 2217V
SL182218	90	160	40	290.0	370.0	51.0	2600	3.480	SL182218	SL182218	NCF 2218V
SL182219	95	170	43	340.0	435.0	58.0	2450	4.170			
SL182220	100	180	46	395.0	520.0	70.0	2310	5.130	SL182220	SL182220	NCF 2220V
SL182222	110	200	53	455.0	590.0	78.0	2090	7.240	SL182222	SL182222	NCF 2222V
SL182224	120	215	58	540.0	730.0	95.0	1930	9.080	SL182224	SL182224	NCF 2224V
SL182226	130	230	64	630.0	860.0	110.0	1800	11.250	SL182226	SL182226	NCF 2226V
SL182228	140	250	68	720.0	1020.0	127.0	1660	14.470	SL182228	SL182228	NCF 2228V
SL182230	150	270	73	830.0	1180.0	146.0	1540	18.430	SL182230	SL182230	NCF 2230V
SL182232	160	290	80	1030.0	1490.0	178.0	1440	23.000	SL182232	SL182232	NCF 2232V

Full Complement Cylindrical Roller Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass			
	d	D	B	Dynamic	Static				INA	FAG	SKF
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg			
SL182234	170	310	86	1150.0	1680.0	199.0	1350	28.650	SL182234	SL182234	NCF 2234V
SL182236	180	320	86	1190.0	1780.0	204.0	1300	29.800	SL182236	SL182236	NCF 2236V
SL182238	190	340	92	1310.0	1920.0	223.0	1220	35.650	SL182238	SL182238	NCF 2238V
SL182240	200	360	98	1420.0	2040.0	235.0	1160	43.120	SL182240	SL182240	NCF 2240V
SL182912	60	85	16	63.0	78.0	13.7	4450	0.290	SL182912	NCF 2912V	NCF 2912V
SL182913	60	90	16	67.0	86.0	15.1	4200	0.310	SL182913	NCF 2913V	NCF 2913V
SL182914	70	100	19	88.0	114.0	18.8	3800	0.490	SL182914	NCF 2914V	NCF 2914V
SL182915	75	105	19	91.0	121.0	20.1	3600	0.520	SL182915	NCF 2915V	NCF 2915V
SL182916	80	110	19	94.0	129.0	21.4	3400	0.550	SL182916	NCF 2916V	NCF 2916V
SL182917	85	120	22	118.0	162.0	25.5	3150	0.810	SL182917	NCF 2917V	NCF 2917V
SL182918	90	125	22	122.0	172.0	26.5	3000	0.840	SL182918	NCF 2918V	NCF 2918V
SL182919	95	130	22	132.0	179.0	27.5	2900	0.860	SL182919	NCF 2919V	NCF 2919V
SL182920	100	140	24	152.0	206.0	31.5	2700	1.140	SL182920	NCF 2920V	NCF 2920V
SL182922	110	150	24	155.0	220.0	34.0	2490	1.230	SL182922	NCF 2922V	NCF 2922V
SL182924	120	165	27	199.0	295.0	45.5	2270	1.730	SL182924	NCF 2924V	NCF 2924V
SL182926	130	180	30	238.0	355.0	54.0	2090	2.330	SL182926	NCF 2926V	NCF 2926V
SL182928	140	190	30	260.0	385.0	57.0	1960	2.420	SL182928	NCF 2928V	NCF 2928V
SL182930	150	210	36	340.0	490.0	73.0	1800	3.770	SL182930	NCF 2930V	NCF 2930V
SL182932	150	220	36	350.0	520.0	77.0	1710	4.000	SL182932	NCF 2932V	NCF 2932V
SL182934	170	230	36	365.0	560.0	80.0	1620	4.300	SL182934	NCF 2934V	NCF 2934V
SL182936	180	250	42	455.0	690.0	100.0	1510	6.200	SL182936	NCF 2936V	NCF 2936V
SL182938	190	260	42	510.0	790.0	112.0	1440	6.500	SL182938	NCF 2938V	NCF 2938V
SL182940	200	280	48	610.0	960.0	134.0	1350	9.100	SL182940	NCF 2940V	NCF 2940V

Full Complement Cylindrical Roller Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass			
	d	D	B	Dynamic	Static				INA	FAG	SKF
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg			
SL182944	220	300	48	650.0	1050.0	144.0	1250	9.900	SL182944	NCF 2944V	NCF 2944V
SL182948	240	320	48	610.0	1140.0	124.0	1160	10.600	SL182948	NCF 2948V	NCF 2948V
SL182952	260	360	60	790.0	1470.0	160.0	1050	18.500	SL182952	NCF 2952V	NCF 2952V
SL182956	280	380	60	920.0	1740.0	184.0	980	19.700	SL182956	NCF 2956V	NCF 2956V

SL183004	20	42	16	30.5	26.5	4.5	10500	0.110	SL183004	NCF 3004V	NCF 3004V
SL183005	25	47	16	35.0	32.5	5.5	9000	0.120	SL183005	NCF 3005V	NCF 3005V
SL183006	30	55	19	45.0	43.0	7.5	7600	0.200	SL183006	NCF 3006V	NCF 3006V
SL183007	35	62	20	55.0	55.0	9.4	6700	0.260	SL183007	NCF 3007V	NCF 3007V
SL183008	40	68	21	66.0	68.0	11.2	6000	0.310	SL183008	NCF 3008V	NCF 3008V
SL183009	45	75	23	70.0	76.0	12.5	5400	0.400	SL183009	NCF 3009V	NCF 3009V
SL183010	50	80	23	70.0	76.0	12.5	5400	0.430	SL183010	NCF 3010V	NCF 3010V
SL183011	55	90	26	120.0	136.0	22.6	4450	0.640	SL183011	NCF 3011V	NCF 3011V
SL183012	60	95	26	123.0	145.0	23.7	4200	0.690	SL183012	NCF 3012V	NCF 3012V
SL183013	60	100	26	130.0	159.0	26.0	3950	0.730	SL183013	NCF 3013V	NCF 3013V
SL183014	70	110	30	153.0	176.0	29.5	3600	1.020	SL183014	NCF 3014V	NCF 3014V
SL183015	75	115	30	162.0	194.0	32.5	3400	1.060	SL183015	NCF 3015V	NCF 3015V
SL183016	80	125	34	173.0	225.0	31.0	3150	1.430	SL183016	NCF 3016V	NCF 3016V
SL183017	85	130	34	178.0	237.0	3.2	3000	1.510	SL183017	NCF 3017V	NCF 3017V
SL183018	90	140	37	208.0	280.0	38.0	2800	1.970	SL183018	NCF 3018V	NCF 3018V
SL183020	100	150	37	219.0	31.0	40.5	2600	2.150	SL183020	NCF 3020V	NCF 3020V
SL183022	110	170	45	285.0	395.0	52.0	2310	3.500	SL183022	NCF 3022V	NCF 3022V
SL183024	120	180	46	30.0	435.0	56.0	2160	3.800	SL183024	NCF 3024V	NCF 3024V

Full Complement Cylindrical Roller Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass			
	d	D	B	Dynamic	Static				INA	FAG	SKF
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg			
SL183026	130	200	52	435.0	620.0	79.0	1960	5.650	SL183026	NCF 3026V	NCF 3026V
SL183028	140	210	53	455.0	680.0	85.0	1850	6.040	SL183028	NCF 3028V	NCF 3028V
SL183030	150	225	56	480.0	710.0	88.0	1730	7.330	SL183030	NCF 3030V	NCF 3030V
SL183032	160	240	60	550.0	820.0	99.0	1620	8.800	SL183032	NCF 3032V	NCF 3032V
SL183034	170	260	67	710.0	1070.0	129.0	1510	12.200	SL183034	NCF 3034V	NCF 3034V
SL183036	180	280	74	820.0	1260.0	149.0	1410	16.100	SL183036	NCF 3036V	NCF 3036V
SL183038	190	290	75	840.0	1320.0	155.0	1350	17.000	SL183038	NCF 3038V	NCF 3038V
SL183040	200	310	82	960.0	1530.0	178.0	1270	21.800	SL183040	NCF 3040V	NCF 3040V
SL183044	220	340	90	1160.0	1840.0	209.0	1160	28.400	SL183044	NCF 3044V	NCF 3044V
SL183048	240	360	92	1220.0	2010.0	224.0	1080	30.900	SL183048	NCF 3048V	NCF 3048V
SL183052	260	400	104	1620.0	2550.0	280.0	980	44.500	SL183052	NCF 3052V	NCF 3052V
SL183056	280	420	106	1670.0	2700.0	290.0	930	48.000	SL183056	NCF 3056V	NCF 3056V

SL185004	20	42	30	53.0	52.0	8.9	8400	0.200			
SL185005	25	47	30	60.0	64.0	11.1	7120	0.230			
SL185006	30	55	34	78.0	84.0	15.0	6080	0.350			
SL185007	35	62	36	94.0	107.0	18.8	5360	0.460			
SL185008	40	68	38	113.0	133.0	22.4	4800	0.560			
SL185009	45	75	40	120.0	148.0	24.9	4400	0.710			
SL185010	50	80	40	151.0	188.0	30.0	4080	0.760			
SL185011	55	90	46	206.0	275.0	45.0	4400	1.160			
SL185012	60	95	46	212.0	285.0	47.5	3360	1.240			
SL185013	65	100	46	223.0	315.0	52.0	3120	1.320			

Full Complement Cylindrical Roller Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass
	d	D	B	Dynamic	Static			
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg
SL185014	70	110	54	265.0	350.0	59.0	2920	1.850
SL185015	75	115	54	275.0	385.0	65.0	2720	1.930
SL185016	80	125	60	290.0	440.0	62.0	2520	2.590
SL185017	85	130	60	300.0	465.0	64.0	2400	2.720
SL185018	90	140	67	350.0	550.0	76.0	2240	3.620
SL185020	100	150	67	370.0	600.0	81.0	2080	3.940
SL185022	110	170	80	485.0	770.0	104.0	1880	6.320
SL185024	120	180	80	510.0	850.0	110.0	1736	6.770
SL185026	130	200	95	730.0	1210.0	158.0	1600	10.200
SL185028	140	210	95	770.0	1330.0	169.0	1472	11.100
SL185030	150	225	100	810.0	1390.0	175.0	1408	13.300
SL185032	160	240	109	930.0	1610.0	199.0	1296	12.200
SL185034	170	260	122	1200.0	2110.0	260.0	1208	22.500
SL185036	180	280	136	1390.0	2480.0	300.0	1128	29.900
SL185038	190	290	136	1430.0	2600.0	310.0	1080	31.300
SL185040	200	310	150	163.0	3000.0	355.0	1016	40.400
SL185044	220	340	160	1980.0	3650.0	420.0	936	51.600
SL185048	240	360	160	2080.0	4000.0	445.0	864	55.200
SL185052	260	400	190	2750.0	5000.0	560.0	784	82.600
SL185056	280	420	190	2850.0	5300.0	580.0	752	88.000
SL185060 TB	300	460	218	3450.0	6600.0	650.0	672	124.000
SL185064 TB	320	480	218	3550.0	6900.0	680.0	648	128.400
SL185068 TB	340	520	243	4250.0	830.0	800.0	600	178.000

Full Complement Cylindrical Roller Bearings



Bearing Designation	Principal Dimensions			Basic Load Ratings		Fatigue Load Limit	Limiting Speed	Mass			
	d	D	B	Dynamic	Static				INA	FAG	SKF
	mm			C (kN)	CO (kN)	Pu (kN)	rpm	kg			
SL185072 TB	360	540	243	4400.0	8700.0	820.0	576	178.000			
SL185076 TB	380	560	243	4450.0	8900.0	850.0	560	196.500			

SL192305	25	62	24	73.0	60.0	9.4	7400	0.370	SL192305	NJ-2305VH	NJG 2305VH
SL192306	30	72	27	100.0	88.0	14.5	6400	0.560	SL192306	NJ-2306VH	NJG 2306VH
SL192307	35	80	31	126.0	112.0	19.0	5600	0.740	SL192307	NJ-2307VH	NJG 2307VH
SL192308	40	90	33	170.0	156.0	27.0	5000	1.010	SL192308	NJ-2308VH	NJG 2308VH
SL192309	45	100	36	181.0	169.0	30.0	4450	1.370	SL192309	NJ-2309VH	NJG 2309VH
SL192310	50	110	40	232.0	219.0	38.5	4050	1.810	SL192310	NJ-2310VH	NJG 2310VH
SL192311	55	120	43	270.0	255.0	45.5	3700	2.280	SL192311	NJ-2311VH	NJG 2311VH
SL192312	60	130	46	285.0	280.0	50.0	3400	2.880	SL192312	NJ-2312VH	NJG 2312VH
SL192313	65	140	48	350.0	355.0	63.0	3150	3.520	SL192313	NJ-2313VH	NJG 2313VH
SL192314	70	150	51	385.0	390.0	69.0	2950	4.330	SL192314	NJ-2314VH	NJG 2314VH
SL192315	75	160	55	460.0	465.0	83.0	2750	5.300	SL192315	NJ-2315VH	NJG 2315VH
SL192316	80	170	58	540.0	560.0	96.0	2600	6.320	SL192316	NJ-2316VH	NJG 2316VH
SL192317	85	180	60	570.0	620.0	103.0	2450	7.340	SL192317	NJ-2317VH	NJG 2317VH
SL192318	90	190	64	620.0	660.0	112.0	2310	8.830	SL192318	NJ-2318VH	NJG 2318VH
SL192319	95	200	67	650.0	720.0	120.0	2200	10.200	SL192319	-	NJG 2319VH
SL192320	100	215	73	790.0	86.0	143.0	2060	13.000	SL192320	NJ-2320VH	NJG 2320VH
SL192322	110	240	80	950.0	980.0	156.0	1850	17.000	SL192322	NJ-2322VH	NJG 2322VH
SL192324	120	260	86	1130.0	1240.0	195.0	1710	22.300	SL192324	NJ-2324VH	NJG 2324VH