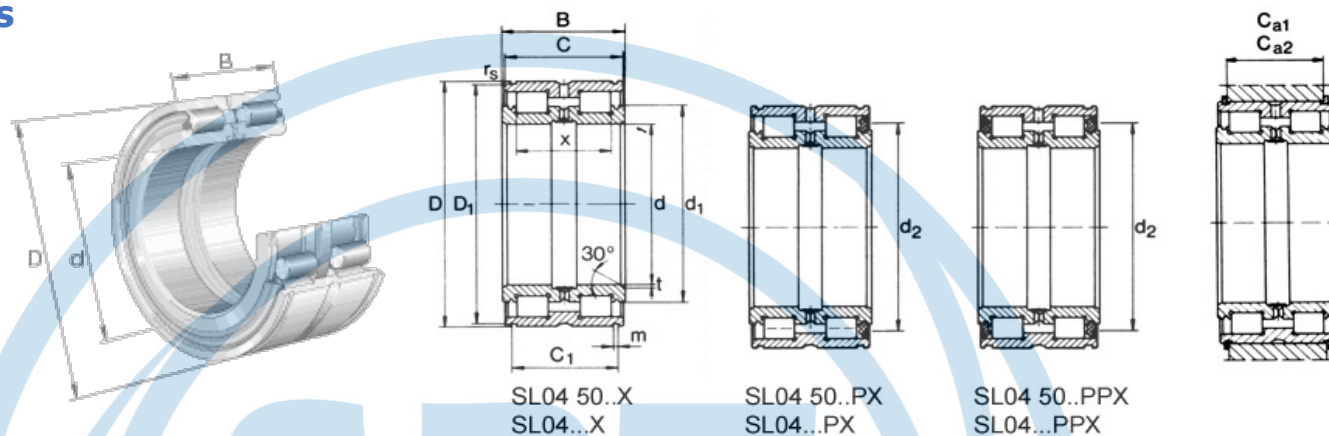


Cylindrical Roller Bearings with Snap Ring Grooves

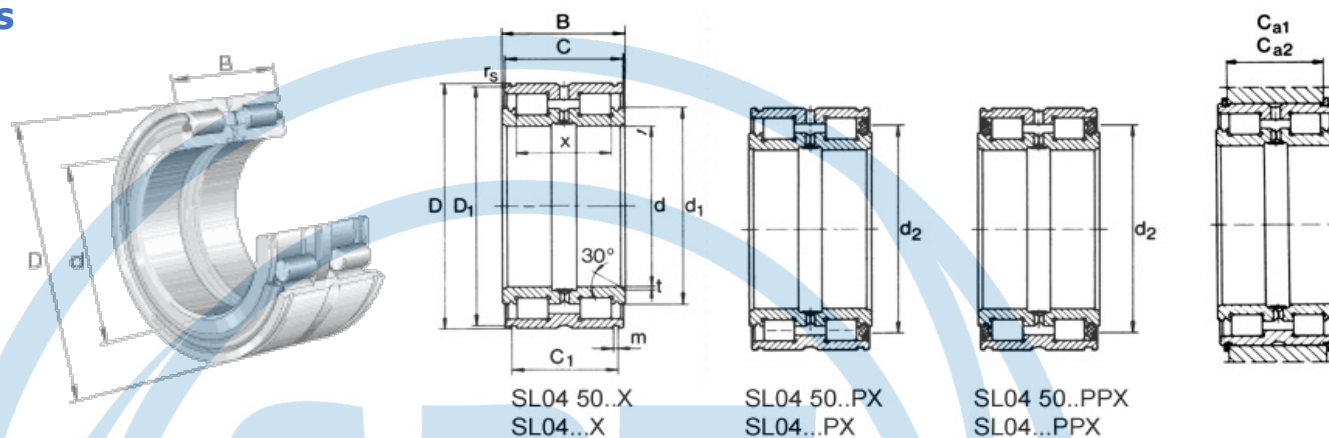
Series SL04 50..X, SL04...X
SL04 50..PX, SL04...PX
SL04 50..PPX, SL04...PPX



Shaft Diameter (mm)	Bearing Designation ¹⁾	Boundary Dimensions										Install Dimensions				Basic Load Ratings		Limiting Speed ²⁾ min ⁻¹	Snap ring WRE ³⁾	Retaining ring to DIN 471 ⁴⁾
		d	D	B	C	C ₁ 0.2	D ₁	m	r _s min.	t	x	C _{a1} ⁵⁾	C _{a2} ⁶⁾	d1	d2	C kN	Co kN			
												-0.2	-0.2							
20	SL04 5004 X	20	42	30	29	24.7	39.8	1.8	0.3	0.5	22.5	21.5	21	31	34	41.5	50	8500	WRE 42	42X1.75
25	SL04 5005 X	25	47	30	29	24.7	44.8	1.8	0.3	0.5	22.5	21.5	21	35.5	39	45.5	59	7500	WRE 47	47X1.75
30	SL04 5006 X	30	55	34	33	28.2	52.8	2.1	0.3	0.5	25.5	25	24	41	44	52	69	6500	WRE 55	55X2
35	SL04 5007 X	35	62	36	35	30.2	59.8	2.1	0.3	0.5	27.5	27	26	46.5	50	65	90	5500	WRE 62	62X2
40	SL04 5008 X	40	68	38	37	32.2	65.8	2.7	0.6	0.8	28.5	28	27	51.5	54	82	113	5000	WRE 68	68X2.5
45	SL04 5009 X	45	75	40	39	34.2	72.8	2.7	0.6	0.8	30.5	30	29	57.5	61	98	141	4500	WRE 75	75X2.5
50	SL04 5010 X	50	80	40	39	34.2	77.8	2.7	0.6	0.8	30.5	30	29	62	66	103	154	4200	WRE 80	80X2.5
55	SL04 5011 X	55	90	46	45	40.2	87.4	3.2	0.6	1	36	35	34	69	73	118	180	3800	WRE 90	90X3
60	SL04 5012 X	60	95	46	45	40.2	92.4	3.2	0.6	1	36	35	34	74	78	123	195	3500	WRE 95	95X3
65	SL04 5013 X	65	100	46	45	40.2	97.4	3.2	0.6	1	36	35	34	79	84	128	209	3300	WRE 100	100X3
70	SL04 5014 X	70	110	54	53	48.2	107.1	4.2	0.6	1	42	43	40	85	91	172	270	3000	WRE 110	110X4
75	SL04 5015 X	75	115	54	53	48.2	112.1	4.2	0.6	1	42	43	40	90	97	198	305	2800	WRE 115	115X4
80	SL04 5016 X*)	80	125	60	59	54.2	122.1	4.2	0.6	1.5	48	49	46	97.5	105	206	335	2600	WRE 125	125X4
85	SL04 5017 X	85	130	60	59	54.2	127.1	4.2	0.6	1.5	48	49	46	104.5	112	215	360	2500	WRE 130	130X4
90	SL04 5018 X*)	90	140	67	66	59.2	137	4.2	0.6	1.5	54	54	51	109.5	118	310	520	2300	WRE 140	140X4
95	SL04 5019 X	95	145	67	66	59.2	142	4.2	0.6	1.5	54	54	51	113.5	123	315	540	2200	WRE 145	145X4
100	SL04 5020 X*)	100	150	67	66	59.2	147	4.2	0.6	1.5	54	54	51	118	128	330	550	2200	WRE 150	150X4
110	SL04 5022 X*)	110	170	80	79	70.2	167	4.2	0.6	1.8	64	65	62	132	143	395	680	1900	WRE 170	170X4
120	SL04 5024 X*)	120	180	80	79	71.2	176	4.2	0.6	1.8	64	65	63	141.5	153	410	740	1800	WRE 180	180X4

Cylindrical Roller Bearings with Snap Ring Grooves

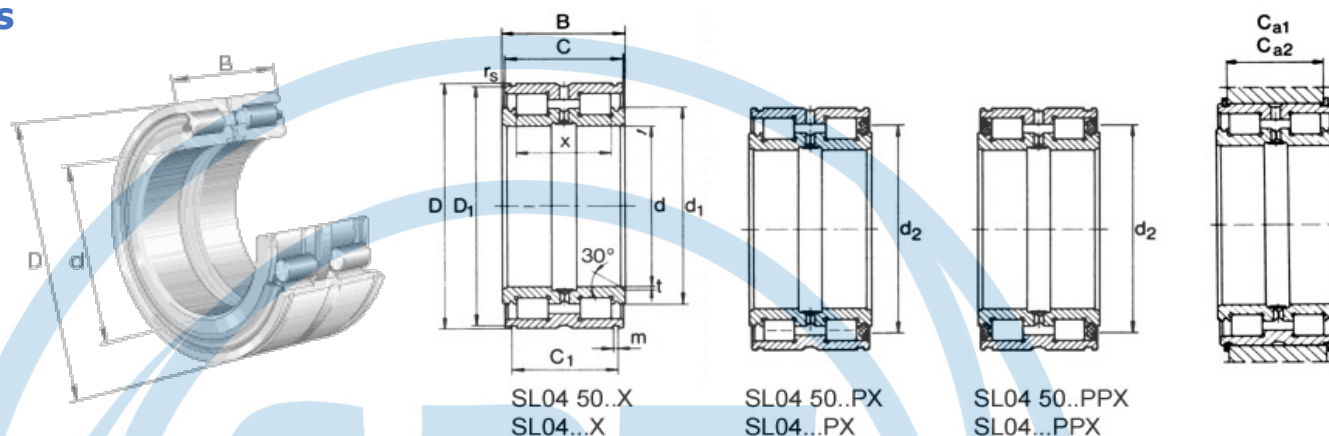
Series SL04 50..X, SL04...X
SL04 50..PX, SL04...PX
SL04 50..PPX, SL04...PPX



Shaft Diameter (mm)	Bearing Designation ¹⁾	Boundary Dimensions										Install Dimensions				Basic Load Ratings		Limiting Speed ²⁾ min ⁻¹	Snap ring WRE ³⁾	Retaining ring to DIN 471 ⁴⁾
		d	D	B	C	C ₁ 0.2	D ₁	m	r _s min.	t	x	C _{a1} ⁵⁾ C _{a2} ⁶⁾		d1	d2	C kN	Co kN			
												-0.2	-0.2							
130	SL04 5026 X*)	130	200	95	94	83.2	196	4.2	0.6	1.8	77	77	75	157	171	550	980	1600	WRE 200	200X4
	SL04 130 X	130	190	80	79	71.2	186	4.2	0.6	1.8	64	65	63	151	160	425	790	1700	WRE 190	190X4
140	SL04 5028 X*)	140	210	95	94	83.2	206	5.2	0.6	1.8	77	77	73	165.5	181	630	1120	1500	WRE 210	210X5
	SL04 140 X	140	200	80	79	71.2	196	4.2	0.6	1.8	64	65	63	160.5	170	445	840	1600	WRE 200	200X4
150	SL04 5030 X*)	150	225	100	99	87.2	221	5.2	0.6	2	80	81	77	176	192	710	1270	1400	WRE 225	225X5
	SL04 150 X	150	210	80	79	71.2	206	5.2	0.6	1.8	64	65	61	175	186	465	920	1500	WRE 210	210X5
160	SL04 5032 X*)	160	240	109	108	95.2	236	5.2	0.6	2	89	89	85	189.5	206	740	1370	1300	WRE 240	240X5
	SL04 160 X	160	220	80	79	71.2	216	5.2	0.6	1.8	64	65	61	184.5	196	480	970	1400	WRE 260	220X5
170	SL04 5034 X*)	170	260	122	121	107.2	254	5.2	0.6	2	100	99	97	201	220	960	1760	1300	WRE 260	260X5
	SL04 170 X	170	230	80	79	71.2	226	5.2	0.6	1.8	64	65	61	194	206	490	1030	1300	WRE 230	230X5
180	SL04 5036 X*)	180	280	136	135	118.2	274	5.2	0.6	2	112	110	108	218	239	1140	2140	1200	WRE 280	280X5
	SL04 180 X	180	240	80	79	71.2	236	5.2	0.6	1.8	64	65	61	203.5	216	500	1080	1300	WRE 240	240X5
190	SL04 5038 X*)	190	290	136	135	118.2	284	5.2	0.6	2	112	110	108	226.5	248	1170	2230	1100	WRE 290	290X5
	SL04 190 X	190	260	80	79	73.2	254	5.2	0.6	1.8	64	65	63	218	231	520	1160	1200	WRE 260	260X5
200	SL04 5040 X*)	200	310	150	149	128.2	304	6.3	0.6	2	126	120	116	243.5	267	1370	2650	1000	WRE 310	310X6
	SL04 200 X	200	270	80	79	73.2	264	5.2	0.6	1.8	64	65	63	227.5	241	540	1210	1200	WRE 270	270X5
220	SL04 5044 X	220	340	160	159	138.2	334	6.3	1	2	132	130	126	260.5	288	1580	3100	950	WRE 340	340X6
	SL04 220 X	220	300	95	94	83.2	294	5.2	1	2	72	75	73	249	264	720	1590	1000	WRE 300	300X5

Cylindrical Roller Bearings with Snap Ring Grooves

Series SL04 50..X, SL04...X
SL04 50..PX, SL04...PX
SL04 50..PPX, SL04...PPX



Shaft Diameter (mm)	Bearing Designation ¹⁾	Boundary Dimensions										Install Dimensions				Basic Load Ratings		Limiting Speed ²⁾ min ⁻¹	Snap ring WRE ³⁾	Retaining ring to DIN 471 ⁴⁾
		d	D	B	C	C ₁ 0.2	D ₁	m	r _s min.	t	x	C _{a1} ⁵⁾ C _{a2} ⁶⁾		d1	d2	C kN	Co kN			
												-0.2	-0.2							
240	SL04 5048 X	240	360	160	159	138.2	354	6.3	1	2	132	130	126	279.5	308	1650	3350	900	WRE 360	360X6
	SL04 240 X	240	320	95	94	83.2	314	6.3	1	2	72	75	71	272	287	740	1710	950	WRE 320	320X6
260	SL04 5052 X	260	400	190	189	162.2	394	6.3	1.1	3	150	154	150	305.5	338	2380	4700	800	WRE 400	400X6
	SL04 260 X	260	340	95	94	83.2	334	6.3	1	3	75	75	71	293	310	850	2010	900	WRE 340	340X6
280	SL04 5056 X	280	420	190	189	163.2	413	7.3	1.1	3	150	154	149	321.5	357	2600	5200	800	WRE 420	420X7
	SL04 280 X	280	360	95	94	83.2	354	6.3	1	3	75	75	71	310.5	327	870	2130	850	WRE 360	360X6
300	SL04 5060 X	300	460	218	216	185.2	453	7.3	1.1	3	170	176	171	347.5	380	3000	5900	700	WRE 460	460X7
	SL04 300 X	300	380	95	94	83.2	374	6.3	1	3	75	75	71	328.5	346	900	2260	800	WRE 380	380X6

*) First option.

1) Single face sealed (contact sealing) bearing is suffixed with P for example SL04 5008 PX, double face sealed (contact bearing is suffixed with PP , for example SL04 5026 PPX

2) For grease, the permissive value is 50% of those shown in the list, but for contact sealed bearings (suffixed P or PP) the permissive value is only 40%.

3) Independent order should be placed, for applicable to the above recommended WRE series snap ring.

4) Supplied by the specialized suppliers.

5) Applicable to WRE series snap ring.

6) Applicable to DIN 471 retaining ring.

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