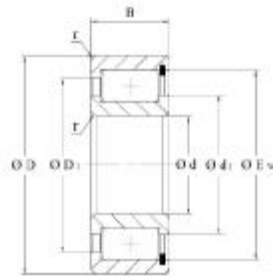
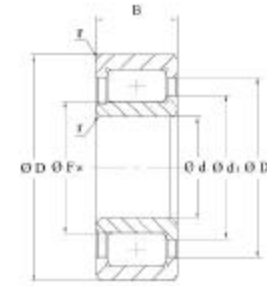


Cylindrical roller bearings
full complement
single row
Semi-locating
Series SL1829
SL1830
SL1822
SL1923

HMEC



SL1829, SL1830, SL1822, SL1818



SL1923

Shaft diameter	Dimensions					Mounting dimensions				Basic Load rating	
	d	D	B	r	s	F _w	d ₁	D ₁	E _w	dyn. C	stat. C ₀
	mm										
80	80	110	19	1	1	-	91	98	102	84	129
	80	125	34	1.1	4	-	95	111	117	173	225
	80	140	33	2	1.5	-	98.5	119	126	226	285
	80	170	58	2.1	3.5	98.24	109.5	141.5	-	480	560
85	85	120	22	1.1	1	-	96	105	109	105	162
	85	130	34	1.1	4	-	99.5	115.5	121	178	237
	85	150	36	2	1.5	-	104.5	126	133	255	325
	85	180	60	3	4	107.01	118.5	150.5	-	510	620
90	90	125	22	1.1	1	-	102	110.5	115	109	172
	90	140	37	1.5	4	-	106	124	130	208	280
	90	160	40	2	2.5	-	110	133	140.5	290	370
	90	190	64	3	4	105.26	117.5	152	-	560	660
95	95	130	22	1.1	1	-	106.5	117	122	118	179
	95	170	43	2.1	2.5	-	122	147	155.5	340	435
	95	200	67	3	4	114.66	127	161.5	-	580	720
100	100	140	24	1.1	1.5	-	113.5	125.5	130	136	206
	100	150	37	1.5	4	-	115.5	133.5	139	219	310
	100	180	46	2.1	2.5	-	127.5	154	163	395	520
	100	215	73	3	4	119.3	133	172.5	-	710	860
110	110	150	24	1.1	1.5	-	124	136	141	140	220
	110	170	45	2	5.5	-	127.5	149	156	285	395

Fatigue limit load	Limiting speed	Reference speed	Code bearing	Mass
P _u	n _G	n _B	HMEC	≈
kN	min ⁻¹	min ⁻¹		kg
16.4	3400	2700	SL18 2916	0.55
27.5	3200	3000	SL18 3016	1.43
34	2900	2500	SL18 2216	2.15
63	2600	1900	SL19 2316	6.32
20.2	3200	2700	SL18 2917	0.81
29	3000	2800	SL18 3017	1.51
38.5	2800	2400	SL18 2217	2.74
67	2400	1700	SL19 2317	7.34
21.2	3000	2500	SL18 2918	0.84
33.5	2800	2700	SL18 3018	1.97
43	2600	2100	SL18 2218	3.48
72	2300	1800	SL19 2318	8.83
21.7	2900	2400	SL18 2919	0.86
49	2400	2000	SL18 2219	4.17
77	2200	1700	SL19 2319	10.2
24.3	2700	2300	SL18 2920	1.14
35.5	2600	2400	SL18 3020	2.15
58	2300	1800	SL18 2220	5.13
91	2100	1500	SL19 2320	13
26	2500	2100	SL18 2922	1.23
45	2300	2200	SL18 3022	3.5