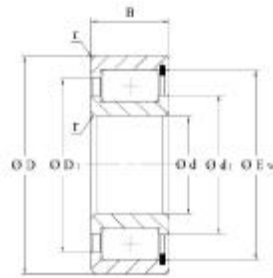
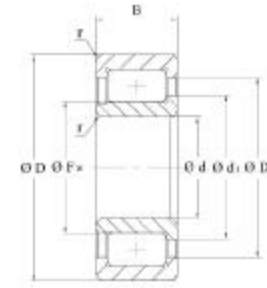


Cylindrical roller bearings
full complement
single row
Semi-locating
Series SL1829
SL1830
SL1822
SL1923

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. Co
	mm										
	50	90	23	1.1	1	-	64.5	76.5	81.5	97	113
	50	110	40	2	3	60.72	68.5	89.5	-	208	219
55	55	90	26	1.1	2	-	68.5	78.5	83.5	107	138
	55	100	25	1.5	1.5	-	70	83.5	89	125	150
	55	120	43	2	3	67.11	75.5	99	-	242	255
60	60	85	16	1	1	-	69	74.5	78.5	57	78
	60	95	26	1.1	2	-	71.5	81.5	86.5	110	145
	60	110	28	1.5	1.5	-	77	93	99	152	180
	60	130	46	2.1	3	73.62	82	105.5	-	260	280
65	65	90	16	1	1	-	75.5	81	85	60	86
	65	100	26	1.1	2	-	78	88	93	116	159
	65	120	31	1.5	1.5	-	82.5	100	106	178	214
	65	140	48	2.1	3.5	80.69	90	116	-	315	355
70	70	100	19	1	1	-	81	87.5	92.5	79	114
	70	110	30	1.1	3	-	81.5	95	100	137	176
	70	125	31	1.5	1.5	-	87	105	111	184	227
	70	150	51	2.1	3.5	84.14	94	121	-	345	390
75	75	105	19	1	1	-	86	93	97.5	81	121
	75	115	30	1.1	3	-	89	102.5	107.5	145	194
	75	130	31	1.5	1.5	-	91.5	110	116	190	241
	75	160	55	2.1	3.5	91.22	101.5	131.5	-	410	475

Fatigue limit load	Limiting speed	Reference speed	Code bearing	Mass
P _u	n _G	n _B	HMEC	≈
kN	min ⁻¹	min ⁻¹		kg
14	4600	3600	SL18 2210	0.64
26.5	4100	3400	SL19 2310	1.81
17	4500	3800	SL18 3011	0.64
18.4	4200	3300	SL18 2211	0.87
31.5	3700	3100	SL19 2311	2.28
10.2	4500	3500	SL18 2912	0.29
17.9	4200	3600	SL18 3012	0.69
22.3	3800	3100	SL18 2212	1.18
34.5	3400	2900	SL19 2312	2.88
11.2	4200	3100	SL18 2913	0.31
19.7	3900	3300	SL18 3013	0.73
26.5	3500	3000	SL18 2213	1.57
42.5	3200	2500	SL19 2313	3.52
14.5	3800	3100	SL18 2914	0.49
21.7	3600	3400	SL18 3014	1.02
28	3300	2800	SL18 2214	1.66
46.5	2900	2400	SL19 2314	4.33
15.4	3600	2900	SL18 2915	0.52
23.8	3400	3000	SL18 3015	1.06
29.5	3200	2700	SL18 2215	1.75
55	2800	2100	SL19 2315	5.3