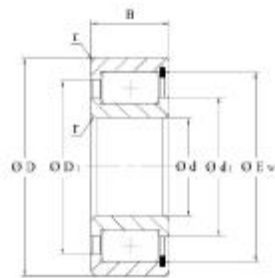
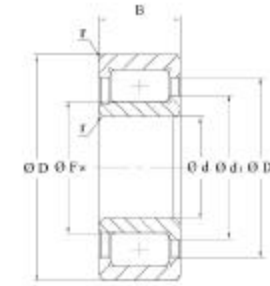


Cylindrical roller bearings
full complement
single row
Semi-locating
Series SL1829
SL1830
SL1822
SL1923

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									kN	
	110	200	53	2.1	4	-	137	167	177	455	590
	110	240	80	3	5	134.27	151.5	199.5	-	850	980
120	120	165	27	1.1	1.5	-	135	148.5	154	180	295
	120	180	46	2	5.5	-	139	160.5	167	300	435
	120	215	58	2.1	4	-	150.5	182	192.5	540	730
	120	260	86	3	5	147.39	164.5	212.5	-	1000	1240
130	130	180	30	1.5	2	-	146	161	166	214	355
	130	200	52	2	5.5	-	148.5	175	183	435	620
	130	230	64	3	5	-	162.5	196	207	630	860
140	140	190	30	1.5	2	-	157	173.5	179	232	385
	140	210	53	2	5.5	-	162.5	189	197	455	680
	140	250	68	3	5	-	174	210	222	720	1020
150	150	210	36	2	2.5	-	169	189	196	305	490
	150	225	56	2.1	7	-	170	197.5	206	480	710
	150	270	73	3	6	-	185.5	224	237	830	1180
160	160	220	36	2	2.5	-	180	200	207	320	520
	160	240	60	2.1	7	-	185	215	224	550	820
	160	290	80	3	6	-	208.5	252	266.5	1030	1490
170	170	230	36	2	2.5	-	191	210.5	218	330	560

Fatigue limit load	Limiting speed	Reference speed	Code bearing	Mass
P _u	n _G	n _B	HMEC	≈
kN	min ⁻¹	min ⁻¹		kg
64	2100	1800	SL18 2222	7.24
99	1900	1300	SL19 2322	17
33.5	2300	1900	SL18 2924	1.73
48	2200	1900	SL18 3024	3.8
77	1900	1500	SL18 2224	9.08
123	1700	1200	SL19 2324	22.3
39.5	2100	1800	SL18 2926	2.33
65	2000	1700	SL18 3026	5.65
89	1800	1400	SL18 2226	11.25
41.5	2000	1600	SL18 2928	2.42
70	1900	1500	SL18 3028	6.04
102	1700	1300	SL18 2228	14.47
52	1800	1500	SL18 2930	3.77
72	1700	1500	SL18 3030	7.33
116	1500	1200	SL18 2230	18.43
54	1700	1300	SL18 2932	4
81	1600	1300	SL18 3032	8.8
140	1400	950	SL18 2232	23
57	1600	1200	SL18 2934	4.3