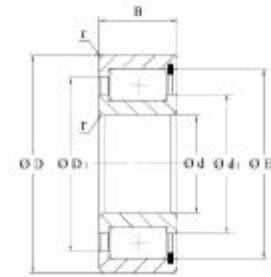


Cylindrical roller bearings
full complement
single row
Semi-locating
Series SL1829
SL1830
SL1822
SL1923

HMEC



SL1829, SL1830, SL1822, SL1818

Shaft diameter	Dimensions				Mounting dimensions				Basic Load rating	
	d	D	B	r	s	d ₁	D ₁	E _w	dyn. C	stat. C ₀
	mm		min						kN	
	260	360	60	2.1	3.5	291.5	322.5	333	790	1470
	260	400	104	4	11	304	358	376	1620	2550
280	280	350	33	2	3	304.5	324.5	332	315	620
	280	380	60	2.1	3.5	314	347.5	358	920	1740
	280	420	106	4	11	319.5	372.5	391	1670	2700
300	300	380	38	2.1	3.5	328	351	358	380	750
	300	420	72	3	5	338	376.5	389	1180	2230
	300	460	118	4	14	353.5	413.5	433	2040	3350
320	320	400	38	2.1	4.5	346	369	377	390	800
	320	440	72	3	5	358.5	397	410	1220	2370
	320	480	121	4	14	369.5	429.5	449	2100	3500
340	340	420	38	2.1	4.5	364.5	387	395	405	840
	340	460	72	3	5	379	417.5	430	1260	2500
	340	520	133	5	16	396	463.5	485	2500	4150
360	360	440	38	2.1	4.5	388.5	411.5	419	426	890
	360	480	72	3	5	399.5	438	450	1290	2650
	360	540	134	5	16	414	481	503	2550	4350

Fatigue limit load	Limiting speed	Reference speed	Code bearing	Mass
P _u	n _G	n _B	HMEC	≈
kN	min ⁻¹	min ⁻¹		kg
129	1000	700	SL18 2952	18.5
217	1000	650	SL18 3052	44.5
57	1000	800	SL18 1856	7
149	1000	600	SL18 2956	19.7
225	950	600	SL18 3056	48
67	950	700	SL18 1860	10
186	900	550	SL18 2960	31.2
270	850	500	SL18 3060	66.6
69	900	650	SL18 1864	10.6
194	850	500	SL18 2964	32.9
280	800	500	SL18 3064	71.7
72	850	650	SL18 1868	11.2
202	800	480	SL18 2968	34.7
330	750	450	SL18 3068	95.8
75	800	550	SL18 1872	11.7
211	750	440	SL18 2972	36.4
340	700	430	SL18 3072	101