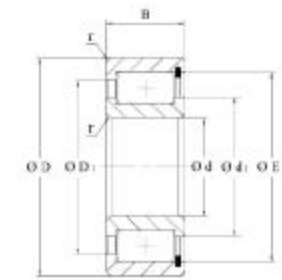


**Cylindrical roller bearings**  
**full complement**  
**single row**  
**Semi-locating**  
**Series SL1829**  
**SL1830**  
**SL1822**  
**SL1923**

**HMEC**



SL1829, SL1830, SL1822, SL1818

Shaft diameter	Dimensions			Mounting dimensions				Basic Load rating		
	d	D	B	r	s	d <sub>1</sub>	D <sub>1</sub>	E <sub>w</sub>	dyn. C	stat. Co
	mm			mm				kN		
	170	260	67	2.1	7	198	231.5	242	710	1070
	170	310	86	4	7	220.5	266	281	1150	1680
180	180	250	42	2	2.5	201	223.5	231	410	690
	180	280	74	2.1	7	212	248	260	820	1260
	180	320	86	4	7	232.5	278	293	1190	1780
190	190	260	42	2	2.5	211.5	235	243	455	790
	190	290	75	2.1	9	222	258	269	840	1320
	190	340	92	4	9	243.5	294	310.5	1310	1920
200	200	250	24	1.5	2	217	231	237	183	330
	200	280	48	2.1	3	225.5	252	261	550	960
	200	310	82	2.1	9	236.5	275	287	960	1530
	200	360	98	4	9	246.5	300.5	318.5	1420	2040
220	220	270	24	1.5	2	237.5	251.5	258	192	365
	220	300	48	2.1	3	246.5	273	282	580	1050
	220	340	90	3	9	254.5	298	312	1160	1840
240	240	300	28	2	3	260	276	282	224	435
	240	320	48	2.1	3	267.5	294	303	610	1140
	240	360	92	3	11	277.5	320.5	335	1220	2010
260	260	320	28	2	3	282.5	298.5	304	234	475

Fatigue limit load	Limiting speed	Reference speed	Code bearing	Mass
P <sub>u</sub>	n <sub>G</sub>	n <sub>B</sub>	HMEC	≈
kN	min <sup>-1</sup>	min <sup>-1</sup>		kg
104	1500	1100	<b>SL18 3034</b>	12.2
155	1400	900	<b>SL18 2234</b>	28.65
69	1500	1200	<b>SL18 2936</b>	6.2
119	1400	1000	<b>SL18 3036</b>	16.1
163	1300	850	<b>SL18 2236</b>	29.8
77	1400	1100	<b>SL18 2938</b>	6.5
124	1400	1000	<b>SL18 3038</b>	17
172	1200	800	<b>SL18 2238</b>	35.65
34	1400	1200	<b>SL18 1840</b>	2.57
91	1400	1000	<b>SL18 2940</b>	9.1
140	1300	900	<b>SL18 3040</b>	21.8
183	1200	800	<b>SL18 2240</b>	43.12
36	1300	1000	<b>SL18 1844</b>	2.8
97	1200	850	<b>SL18 2944</b>	9.9
164	1200	850	<b>SL18 3044</b>	28.4
41.5	1200	950	<b>SL18 1848</b>	4.4
103	1200	750	<b>SL18 2948</b>	10.6
176	1100	750	<b>SL18 3048</b>	30.9
44	1100	850	<b>SL18 1852</b>	4.71