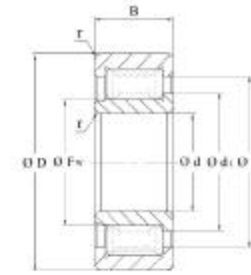


**Cylindrical roller bearings
with brass disc cage
single row
series LSL 1923**

HMEC



ZSL1923

Shaft diameter	Dimensions				Mounting dimensions			Load rating	
	d	D	B	r	F _w	d ₁	D ₁	dyn. C	stat. C ₀
	mm				min	kN			
100	100	215	73	3	119.3	133	172.5	670	800
110	110	240	80	3	135.5	151	195	790	940
120	120	260	86	3	147.39	164.5	212.5	950	1150
130	130	280	93	4	157.9	176	227.5	1070	1300
140	140	300	102	4	168.45	188	243	1200	1470
150	150	320	108	4	182.49	203.5	263.5	1420	1780
160	160	340	114	4	196.38	219	284	1600	2020
170	170	360	120	4	203.55	227	295	1750	2230
180	180	380	126	4	221.56	245	312.5	1850	2440
190	190	400	132	5	224.43	250	326.5	2110	2750
200	200	420	138	5	238.45	266	347	2350	3050
220	220	460	145	5	226.71	297	388	2500	3200
240	240	500	155	5	280.55	312.5	408.5	2750	3550
260	260	540	165	6	315.6	352	459.5	3400	4400
280	280	580	175	6	333.1	371	485	3700	4850
300	300	620	185	7.5	350.93	391	511	4150	5600

Fatigue limit load	Limiting speed	Reference speed	Code bearing	Mass
P _u	n _G	n _B	HMEC	≈
kN	min ⁻¹	min ⁻¹		kg
85	6500	3300	LSL19 2320	12.8
96	5600	2900	LSL19 2322	17.3
114	5300	2600	LSL19 2324	22
126	4900	2400	LSL19 2326	27.2
140	4600	2200	LSL19 2328	34
165	4200	2000	LSL19 2330	40.7
186	3900	1800	LSL19 2332	48.05
200	3800	1700	LSL19 2334	57.5
215	3500	1600	LSL19 2336	67.4
238	3400	1500	LSL19 2338	78.1
260	3200	1400	LSL19 2340	89.3
265	2900	1300	LSL19 2344	108
290	2700	1200	LSL19 2348	138.6
345	2400	1000	LSL19 2352	168
375	2300	950	LSL19 2356	206.6
420	2200	850	LSL19 2360	253