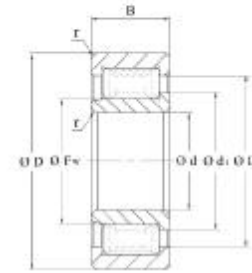


**Cylindrical roller bearings
with plastic spacers
single row
series ZSL1923**

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	kN
25	25	62	24	1.1	31.72	37	47.5	61	55
30	30	72	27	1.1	38.3	43.5	56	84	81
35	35	80	31	1.5	44.68	51	65.5	106	104
40	40	90	33	1.5	51.12	57.5	75	143	144
45	45	100	36	1.5	56.1	62.5	80	153	160
50	50	110	40	2	60.72	68.5	89.5	196	202
55	55	120	43	2	67.11	75.5	99	228	236
60	60	130	46	2.1	73.62	82	105.5	244	260
65	65	140	48	2.1	80.69	90	116	300	330
70	70	150	51	2.1	84.14	94	121	330	365
75	75	160	55	2.1	91.22	101.5	131.5	390	440
80	80	170	58	2.1	98.24	109.5	142	455	520
85	85	180	60	3	107.01	118.5	150.5	485	570
90	90	190	64	3	105.26	117.5	152	530	610
95	95	200	67	3	114.66	127	161.5	560	670
100	100	215	73	3	119.3	133	172.5	670	800
110	110	240	80	3	134.27	151.5	199.5	800	910
120	120	260	86	3	147.39	164.5	212.5	950	1150

Fatigue limit load	Limiting speed	Reference speed	Code bearing	Mass
P _u	n _G	n _B	HMEC	≈
kN	min ⁻¹	min ⁻¹		kg
6.7	16000	11000	ZSL19 2305	0.36
9.9	14000	9500	ZSL19 2306	0.55
12.8	12000	9000	ZSL19 2307	0.72
17.6	11000	8000	ZSL19 2308	1
19.5	10000	7500	ZSL19 2309	1.34
24.4	9000	7000	ZSL19 2310	1.76
29	8000	6500	ZSL19 2311	2.22
32	7400	6000	ZSL19 2312	2.82
39.5	6800	5000	ZSL19 2313	3.44
43	6400	4800	ZSL19 2314	4.27
51	6000	4400	ZSL19 2315	5.2
59	5600	4000	ZSL19 2316	6.2
63	5300	3700	ZSL19 2317	7.23
67	5000	3500	ZSL19 2318	8.7
72	4800	3300	ZSL19 2319	10
85	4400	3000	ZSL19 2320	12.7
92	4000	2700	ZSL19 2322	16.5
114	3700	2400	ZSL19 2324	21.9