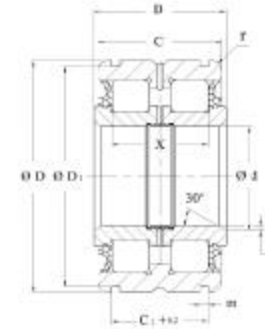


**Cylindrical roller bearings  
with snap ring grooves  
full complement, double row, sealed  
series SL0450..PP  
SL04..PP**



**HMEC**

Shaft diameter	Dimensions									
	d	D	B	C	C <sub>1</sub>	D <sub>1</sub>	m	r <sub>min</sub>	t	x
					+0.2					
20	20	42	30	29	24.7	40.2	1.8	0.3	0.5	22.5
25	25	47	30	29	24.7	45.2	1.8	0.3	0.5	22.5
30	30	55	34	33	28.2	53	2.1	0.3	0.5	25.5
35	35	62	36	35	30.2	60	2.1	0.3	0.5	27.5
40	40	68	38	37	32.2	65.8	2.7	0.6	0.8	28.5
45	45	75	40	39	34.2	72.8	2.7	0.6	0.8	30.5
50	50	80	40	39	34.2	77.8	2.7	0.6	0.8	30.5
55	55	90	46	45	40.2	87.4	3.2	0.6	1	36
60	60	95	46	45	40.2	92.4	3.2	0.6	1	36
65	65	100	46	45	40.2	97.4	3.2	0.6	1	36
70	70	110	54	53	48.2	107.1	4.2	0.6	1	42
75	75	115	54	53	48.2	112.1	4.2	0.6	1	42
80	80	125	60	59	54.2	122.1	4.2	0.6	1.5	48
85	85	130	60	59	54.2	127.1	4.2	0.6	1.5	48
90	90	140	67	66	59.2	137	4.2	0.6	1.5	54
95	95	145	67	66	59.2	142	4.2	0.6	1.5	54
100	100	150	67	66	59.2	147	4.2	0.6	1.5	54
110	110	170	80	79	70.2	167	4.2	0.6	1.8	64
120	120	180	80	79	71.2	176	4.2	0.6	1.8	64
130	130	200	95	94	83.2	196	4.2	0.6	1.8	77
	130	190	80	79	71.2	186	4.2	0.6	1.8	64
140	140	210	95	94	83.2	206	5.2	0.6	1.8	77
	140	200	80	79	71.2	196	4.2	0.6	1.8	64
150	150	225	100	99	87.2	221	5.2	0.6	2	80
	150	210	80	79	71.2	206	5.2	0.6	1.8	64
160	160	240	109	108	95.2	236	5.2	0.6	2	89
	160	220	80	79	71.2	216	5.2	0.6	1.8	64
170	170	260	122	121	107.2	254	5.2	0.6	2	100
	170	230	80	79	71.2	226	5.2	0.6	1.8	64
180	180	280	136	135	118.2	274	5.2	0.6	2	112
	180	240	80	79	71.2	236	5.2	0.6	1.8	64

Basic Load ratings		Fatigue limit load Pu kN	Limiting speed n <sub>G grease</sub> min <sup>-1</sup>	Code bearing HMEC	Mass ≈ kg
dyn. C kN	stat. Co kN				
40.5	49	7.2	4000	<b>SL04 5004 PP</b>	0.2
44.5	58	7.9	3600	<b>SL04 5005 PP</b>	0.24
50	67	9.2	3000	<b>SL04 5006 PP</b>	0.37
63	88	11.8	2600	<b>SL04 5007 PP</b>	0.48
76	103	14.7	2400	<b>SL04 5008 PP</b>	0.56
92	130	18.1	2200	<b>SL04 5009 PP</b>	0.7
97	142	19.8	2000	<b>SL04 5010 PP</b>	0.76
115	175	24	1800	<b>SL04 5011 PP</b>	1.18
120	189	26	1700	<b>SL04 5012 PP</b>	1.26
125	203	28	1600	<b>SL04 5013 PP</b>	1.33
168	265	35	1400	<b>SL04 5014 PP</b>	1.87
194	300	39.5	1400	<b>SL04 5015 PP</b>	1.96
203	325	42.5	1300	<b>SL04 5016 PP</b>	2.71
211	350	45	1200	<b>SL04 5017 PP</b>	2.83
305	510	62	1100	<b>SL04 5018 PP</b>	3.71
315	530	64	1100	<b>SL04 5019 PP</b>	3.88
330	550	66	1000	<b>SL04 5020 PP</b>	3.95
395	680	78	900	<b>SL04 5022 PP</b>	6.57
410	740	83	900	<b>SL04 5024 PP</b>	7.04
540	960	105	800	<b>SL04 5026 PP</b>	10.5
430	790	87	800	<b>SL04 130 PP</b>	7.5
610	1100	118	750	<b>SL04 5028 PP</b>	11.1
445	840	91	750	<b>SL04 140 PP</b>	8
710	1260	131	700	<b>SL04 5030 PP</b>	13.3
465	920	98	700	<b>SL04 150 PP</b>	8.4
740	1360	140	650	<b>SL04 5032 PP</b>	16.6
480	970	101	700	<b>SL04 160 PP</b>	8.8
960	1750	174	600	<b>SL04 5034 PP</b>	22.6
490	1030	105	650	<b>SL04 170 PP</b>	9.3
1140	2130	205	550	<b>SL04 5036 PP</b>	30.1
500	1080	110	600	<b>SL04 180 PP</b>	9.8