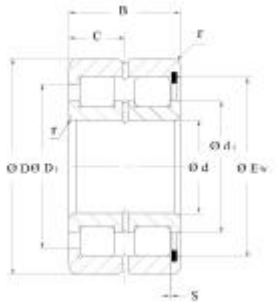
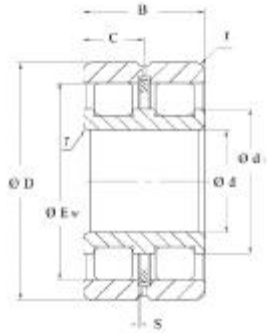
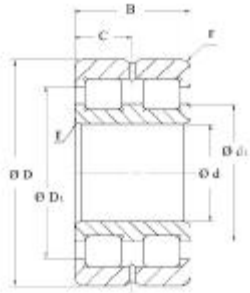
Cylindrical roller bearings
full complement,double row
Semi-locating bearings
series SL 1850
Locating bearings
series SL 0148, SL 0149
Non-locating bearings
series SL 0249



SL1850(semi-locating bearings)



SL 0249(non-locating bearings)



SL 0148,SL 0149(locating bearings)

Shaft diameter	Dimensions					Mounting dimensions				Load rating		Fatigue limit load	Limiting speed	Reference speed	Code bearing HMEC			Mass
	d	D	B	r	s	C	d_1	D_1	E_w	dyn. C	stat. Co	Pu	n_G	n_B	semi-locating bearings	locating bearings	non- locating bearings	≈
	mm			min						kN		kN	min^{-1}	min^{-1}				kg
20	20	42	30	0.6	1	15	29	33	36.5	47.5	53	6.9	10000	9000	**SL18 5004**	-	-	0.2
25	25	47	30	0.6	1	15	34.5	38.5	42.5	54	65	8.6	9000	7000	**SL18 5005**	-	-	0.23
30	30	55	34	1	1.5	17	40	45.5	49.5	70	86	11.1	7500	6500	**SL18 5006**	-	-	0.35
35	35	62	36	1	1.5	18	45	51.5	55.5	85	109	14	6500	5500	**SL18 5007**	-	-	0.46
40	40	68	38	1	1.5	19	50.5	57.5	61.5	101	136	17.3	6000	5000	**SL18 5008**	-	-	0.56
45	45	75	40	1	1.5	20	55.5	62.5	66.5	108	151	19.2	5500	4700	**SL18 5009**	-	-	0.71
50	50	80	40	1	1.5	20	59	67.5	72	135	191	23.9	5000	4200	**SL18 5010**	-	-	0.76
55	55	90	46	1.1	1.5	23	68.5	78.5	83.5	184	275	34	4500	3600	**SL18 5011**	-	-	1.16
60	60	85	25	1	-	12.5	70.5	73.5	-	71	125	16.7	4500	3200	-	**SL01 4912**		0.49
	60	85	25	1	1	12.5	70.5	-	77	71	125	16.7	4500	3200	-		**SL02 4912**	0.47
	60	95	46	1.1	1.5	23	71.5	82	86.5	189	290	36	4200	3400	**SL18 5012**	-	-	1.24
65	65	100	46	1.1	1.5	23	78	88	93	199	320	39.5	3900	3100	**SL18 5013**	-	-	1.32
70	70	100	30	1	-	15	83	87	-	108	189	24.6	3800	2800	-	**SL01 4914**		0.78
	70	100	30	1	1	15	83	-	91	108	189	24.6	3800	2800	-		**SL02 4914**	0.75
	70	110	54	1.1	3	27	81.5	95	100	235	355	43.5	3600	3100	**SL18 5014**	-	-	1.85
75	75	115	54	1.1	3	27	89	103	107.5	248	390	47.5	3400	2700	**SL18 5015**	-	-	1.93
80	80	110	30	1	-	15	92	96	-	115	211	27.5	3400	2500	-	**SL01 4916**	-	0.88
	80	110	30	1	1	15	92	-	100	115	211	27.5	3400	2500	-		**SL02 4916**	0.85
	80	125	60	1.1	3.5	30	95	111	117	295	450	55	3200	2500	**SL18 5016**	-	-	2.59
85	85	130	60	1.1	3.5	30	99.5	115.5	121	305	475	58	3000	2400	**SL18 5017**	-	-	2.72
90	90	125	35	1.1	-	17.5	103	110	-	155	295	37	3000	2300	-	**SL01 4918**	-	1.35
	90	125	35	1.1	1.5	17.5	103	-	115	155	295	37	3000	2300	-	-	**SL02 4918**	1.3
	90	140	67	1.5	4	33.5	106.5	124	130	355	560	67	2800	2200	**SL18 5018**	-	-	3.62
100	100	140	40	1.1	-	20	116.5	124.5	-	196	380	47	2700	2000	-	**SL01 4920**	-	1.95
	100	140	40	1.1	2	20	116.5	-	129	196	380	47	2700	2000	-	-	**SL02 4920**	1.9
	100	150	67	1.5	4	33.5	116	133.5	139	375	620	71	2600	2000	**SL18 5020**	-	-	3.94
110	110	150	40	1.1	-	20	125	133.5	-	204	410	49.5	2500	1800	-	**SL01 4922**	-	2.15
	110	150	40	1.1	2	20	125	-	138	204	410	49.5	2500	1800	-	-	**SL02 4922**	2.1
	110	170	80	2	5	40	127.5	148.5	156	490	790	90	2300	1800	**SL18 5022**	-	-	6.32
120	120	165	45	1.1	-	22.5	139	148	-	228	455	53	2300	1700	-	**SL01 4924**	-	2.95
	120	165	45	1.1	3	22.5	139	-	153	228	455	53	2300	1700	-	-	**SL02 4924**	2.85