



Part number	Boundary dimensions					Basic load ratings				Static axial load capacity		Factor $f_0$	Limiting speed $\text{min}^{-1}$ grease lubrication
	mm					dynamic	static	dynamic	static	kN	kgf		
	$d$	$D$	$B$	$r_{\text{min}}$ ❶	$r_{c,\text{min}}$ ❷	$C_r$	$C_{0r}$	$C_r$	$C_{0r}$				
7000CDLLB	10	26	8	0.3	0.15	5.30	2.49	540	254	3.10	315	12.6	67 300
7001CDLLB	12	28	8	0.3	0.15	5.80	2.90	590	296	3.65	370	13.2	60 600
7002CDLLB	15	32	9	0.3	0.15	6.25	3.40	635	345	4.25	435	14.0	51 500
7003CDLLB	17	35	10	0.3	0.15	8.25	4.50	840	460	5.70	580	13.8	46 600
7004CDLLB	20	42	12	0.6	0.3	10.5	6.00	1 070	610	7.55	770	14.0	39 100
7005CDLLB	25	47	12	0.6	0.3	12.3	8.00	1 250	815	10.1	1 030	14.7	33 600
7006CDLLB	30	55	13	1	0.6	15.1	10.3	1 540	1 050	13.0	1 320	14.9	28 500
7007CDLLB	35	62	14	1	0.6	19.1	13.7	1 950	1 390	17.3	1 760	15.0	25 000
7008CDLLB	40	68	15	1	0.6	20.6	15.9	2 100	1 620	20.1	2 050	15.4	22 400
7009CDLLB	45	75	16	1	0.6	27.7	21.1	2 820	2 160	26.7	2 730	15.1	20 200
7010CDLLB	50	80	16	1	0.6	28.6	22.9	2 910	2 330	29.0	2 960	15.4	18 600

❶ Minimum allowable value for corner radius dimension  $r$  or  $r_c$ .