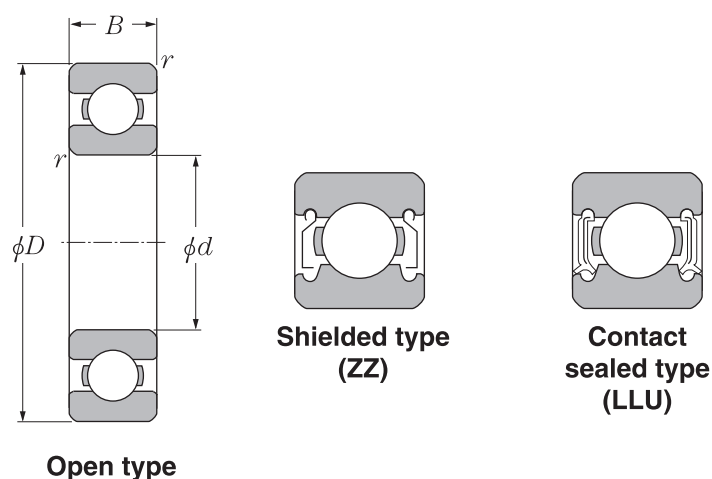


### d 4~7mm

d	Boundary dimensions			Basic load ratings				Limiting speeds		Bearing numbers			Mass kg (approx.)
	mm			dynamic	static	dynamic	static	min <sup>-1</sup>		open type	shielded type	sealed type	
	D	B	r <sub>s min</sub>	C <sub>r</sub>	C <sub>or</sub>	C <sub>r</sub>	C <sub>or</sub>	grease	oil				
4	12	4.0	0.20	0.97	0.36	99	37	53000	63000	604			0.0021
	12	4.0	0.20	0.97	0.36	99	37	53000		604		LLU	0.0021
	12	4.0	0.20	0.97	0.36	99	37	53000		604	ZZ		0.0021
	13	5.0	0.20	1.30	0.49	133	49	40000	54000	624			0.0029
	13	5.0	0.20	1.30	0.49	133	49	40000		624		LLU	0.0029
	13	5.0	0.20	1.30	0.49	133	49	40000		624	ZZ		0.0029
5	11	3.0	0.15	0.97	0.36	99	37	53000	63000	685			0.0010
	11	5.0	0.15	0.97	0.36	99	37	53000		685		LLU	0.0010
	11	5.0	0.15	0.97	0.36	99	37	53000		685	ZZ		0.0010
	14	5.0	0.20	1.30	0.48	133	49	50000	60000	605			0.0035
	14	5.0	0.20	1.30	0.48	133	49	50000		605		LLU	0.0035
	14	5.0	0.20	1.30	0.48	133	49	50000		605	ZZ		0.0035
	16	5.0	0.30	1.75	0.67	179	68	40000	49000	625			0.0050
	16	5.0	0.30	1.75	0.67	179	68	40000		625		LLU	0.0050
6	13	3.50	0.15	1.10	0.44	112	45	48000	57000	686			0.0018
	13	5.0	0.15	1.10	0.44	112	45	48000		686		LLU	0.0018
	13	5.0	0.15	1.10	0.44	112	45	48000		686	ZZ		0.0018
	17	6.0	0.30	1.95	0.74	199	75	43000	51000	606			0.0058
	17	6.0	0.30	1.95	0.74	199	75	43000		606		LLU	0.0058
	17	6.0	0.30	1.95	0.74	199	75	43000		606	ZZ		0.0058
	19	6.0	0.30	2.60	1.05	265	107	35000	43000	626			0.0081
	19	6.0	0.30	2.60	1.05	265	107	35000		626		LLU	0.0081
	19	6.0	0.30	2.60	1.05	265	107	35000		626	ZZ		0.0081
7	14	3.5	0.15	1.15	0.51	117	52	45000	54000	687			0.0020
	14	5.0	0.15	1.15	0.51	117	52	45000		687		LLU	0.0020
	14	5.0	0.15	1.15	0.51	117	52	45000		687	ZZ		0.0020
	19	6.0	0.30	2.60	1.05	265	107	40000	47000	607			0.0076
	19	6.0	0.30	2.60	1.05	265	107	40000		607		LLU	0.0076
	19	6.0	0.30	2.60	1.05	265	107	40000		607	ZZ		0.0076
	22	7.0	0.30	3.30	1.35	337	138	31000	37000	627			0.0130
	22	7.0	0.30	3.30	1.35	337	138	31000		627		LLU	0.0130
	22	7.0	0.30	3.30	1.35	337	138	31000		627	ZZ		0.0130



**d 8~9mm**

d	Boundary dimensions			Basic load ratings				Limiting speeds		Bearing numbers			Mass
	mm			dynamic	static	dynamic	static	min <sup>-1</sup>		open type	shielded type	sealed type	kg (approx.)
	D	B	r <sub>s min</sub>	kN		kgf		grease	oil				
C <sub>r</sub>	C <sub>or</sub>	C <sub>r</sub>	C <sub>or</sub>	grease	oil	open type	shielded type	sealed type					
<b>8</b>	16	4.00	0.20	1.60	0.71	163	72	42000	50000	<b>688</b>			0.0032
	16	5.0	0.20	1.60	0.71	163	72	42000		<b>688</b>		<b>LLU</b>	0.0032
	16	5.0	0.20	1.60	0.71	163	72	42000		<b>688</b>	<b>ZZ</b>		0.0032
	22	7.0	0.30	3.30	1.35	342	143	34000	41000	<b>608</b>			0.0120
	22	7.0	0.30	3.30	1.35	342	143	34000		<b>608</b>		<b>LLU</b>	0.0120
	22	7.0	0.30	3.30	1.35	342	143	34000		<b>608</b>	<b>ZZ</b>		0.0120
	24	8.0	0.30	3.35	1.40	342	143	28000	35000	<b>628</b>			0.0180
	24	8.0	0.30	3.35	1.40	342	143	28000		<b>628</b>		<b>LLU</b>	0.0180
	24	8.0	0.30	3.35	1.40	342	143	28000		<b>628</b>	<b>ZZ</b>		0.0180
<b>9</b>	17	4.0	0.20	1.35	0.66	138	67	39000	46000	<b>689</b>			0.0035
	17	5.0	0.20	1.35	0.66	138	67	39000		<b>689</b>	<b>ZZ</b>		0.0035
	17	5.0	0.20	1.35	0.66	138	67	39000		<b>689</b>		<b>LLU</b>	0.0035
	24	7.0	0.30	3.35	1.40	342	143	33000	40000	<b>609</b>			0.0150
	24	7.0	0.30	3.35	1.40	342	143	33000		<b>609</b>		<b>LLU</b>	0.0150
	24	7.0	0.30	3.35	1.40	342	143	33000		<b>609</b>	<b>ZZ</b>		0.0150
	26	8.0	0.60	4.55	1.95	464	199	27000	33000	<b>629</b>			0.0200
	26	8.0	0.60	4.55	1.95	464	199	27000		<b>629</b>		<b>LLU</b>	0.0200
	26	8.0	0.60	4.55	1.95	464	199	27000		<b>629</b>	<b>ZZ</b>		0.0200