

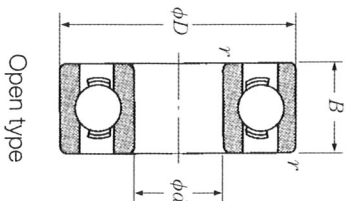
Single-row deep groove ball bearings

Metric series

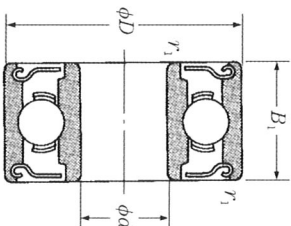
600, MR

Bore diameter

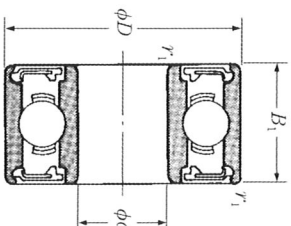
5 – 9 mm



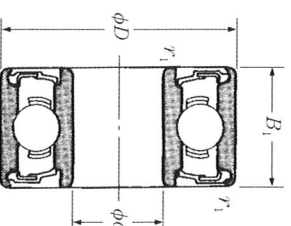
Open type



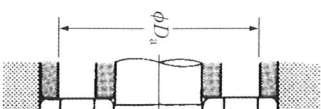
Shielded type
ZZ · ZZ1



Non-contact
sealed type
VW



Contact sealed type
DD



Boundary dimensions (mm)					Basic load ratings (N) {kgf}					Limiting speeds (min ⁻¹)				Bearing numbers			Abutment	
d	D	B	B ₁	r ⁽¹⁾ min.	r ₁ ⁽¹⁾ min.	C _r	C _u	C _r	C _u	Grease Open Z·ZZ V·W	D·DD	Oil Open Z	Open	Shielded	Seals	d _a min.	d _b max.	
5	8	2	—	0.1	—	310	120	31	12	53 000	—	63 000	MR 85	—	—	—	5.8	—
	9	2.5	3	0.15	0.15	430	168	44	17	53 000	—	63 000	MR 95	MR 85 ZZ	—	—	5.8	5.8
	10	3	4	0.15	0.15	430	168	44	17	50 000	—	60 000	MR 105	MR 95 ZZ1	—	—	6.2	6.0
	11	—	4	—	0.15	715	276	73	28	48 000	—	56 000	—	MR 105 ZZ	—	—	6.2	6.0
	11	3	5	0.15	0.15	715	281	73	29	45 000	—	53 000	685	MR 115 ZZ	W	—	—	6.3
	13	4	4	0.2	0.2	1 080	430	110	44	43 000	40 000	50 000	685	685 ZZ	—	—	6.2	6.2
6	14	5	5	0.2	0.2	1 330	505	135	52	40 000	38 000	50 000	695	695 ZZ1	W	DD	6.6	6.6
	16	5	5	0.3	0.3	1 730	670	177	68	36 000	32 000	43 000	605	605 ZZ	—	DD	6.6	6.9
	19	6	6	0.3	0.3	2 340	885	238	90	32 000	30 000	40 000	625	625 ZZ1	W	DD	7.0	7.5
	10	2.5	3	0.15	0.1	495	218	51	22	45 000	—	53 000	635	635 ZZ1	W	DD	7.0	8.5
	12	3	4	0.2	0.15	715	292	73	30	43 000	40 000	50 000	MR 106	MR 106 ZZ1	—	DD	7.2	7.0
	13	3.5	5	0.15	0.15	1 080	440	110	45	40 000	38 000	50 000	MR 126	MR 126 ZZ	—	DD	7.6	7.2
7	15	5	5	0.2	0.2	1 730	670	177	68	40 000	36 000	45 000	686 A	686 A ZZ	W	DD	7.2	7.4
	17	6	6	0.3	0.3	2 260	835	231	85	38 000	34 000	45 000	696	696 ZZ1	W	DD	7.6	7.9
	19	6	6	0.3	0.3	2 340	885	238	90	32 000	30 000	40 000	606	606 ZZ	W	DD	8.0	8.2
	22	7	7	0.3	0.3	3 300	1 370	335	140	30 000	28 000	36 000	626	626 ZZ1	W	DD	8.0	8.5
	11	2.5	3	0.15	0.1	455	201	47	21	43 000	—	50 000	636	636 ZZ	W	DD	8.0	10.5
	13	3	4	0.2	0.15	540	276	55	28	40 000	—	48 000	MR 117	MR 117 ZZ	—	—	8.2	8.0
8	14	3.5	5	0.15	0.15	1 170	510	120	52	40 000	34 000	45 000	MR 137	MR 137 ZZ	—	—	8.6	9.0
	17	5	5	0.2	0.2	1 610	710	161	72	36 000	32 000	43 000	687	687 ZZ1	W	DD	8.2	8.5
	18	5	5	0.3	0.3	1 730	670	177	68	36 000	32 000	43 000	607	607 ZZ1	W	DD	8.0	10.0