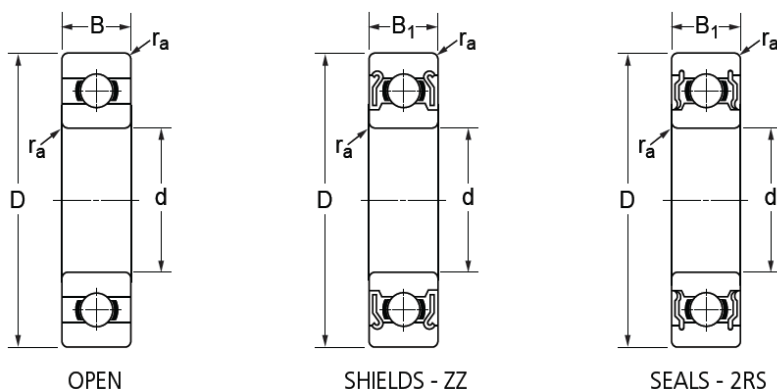


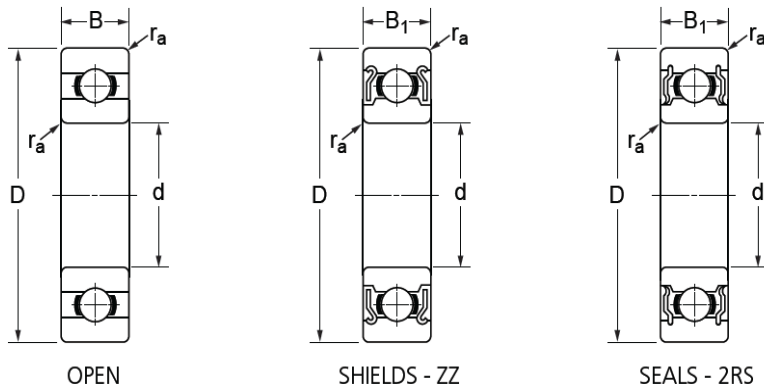
Miniature Ball Bearing



600 Series

Bearing No.	Basic Dimensions				Weight(kg)	Designation			
	d(mm)	D(mm)	B(mm)	B1(mm)					
603	3	9	3	5	0.00087	603 Z	603 ZZ		
623	3	10	4	4	0.00165	623 Z	623 ZZ		
674	4	7	2	2.5	0.00022	674 Z	674 ZZ		
684	4	9	2.5	4	0.00063	684 Z	684 ZZ		
694	4	11	4	4	0.00017	694 Z	694 ZZ		
604	4	12	4	4	0.00250	604 Z	604 ZZ	604 RS	604 2RS
624	4	13	5	5	0.00303	624 Z	624 ZZ	624 RS	624 2RS
634	4	16	5	5	0.00524	634 Z	634 ZZ	634 RS	634 2RS
675	5	8	2	2.5	0.00026	675 Z	675 ZZ		
685	5	11	3	5	0.00120	685 Z	685 ZZ	685 RS	685 2RS
695	5	13	4	4	0.00245	695 Z	695 ZZ	695 RS	695 2RS
605	5	14	5	5	0.00354	605 Z	605 ZZ	605 RS	605 2RS
625	5	16	5	5	0.00495	625 Z	625 ZZ	625 RS	625 2RS
686	6	13	3.5	5	0.00191	686 Z	686 ZZ	686 RS	686 2RS
696	6	15	5	5	0.00388	696 Z	696 ZZ	696 RS	696 2RS
606	6	17	6	6	0.00597	606 Z	606 ZZ	606 RS	606 2RS
626	6	19	6	6	0.00815	626 Z	626 ZZ	626 RS	626 2RS
687	7	14	3.5	5	0.00210	687 Z	687 ZZ	687 RS	687 2RS
697	7	17	5	5	0.00526	697 Z	697 ZZ	697 RS	697 2RS
607	7	19	6	6	0.00767	607 Z	607 ZZ	607 RS	607 2RS
627	7	22	7	7	0.01270	627 Z	627 ZZ	627 RS	627 2RS
637	7	26	9	9	0.02400	637 Z	637 ZZ	637 RS	637 2RS
678	8	12	2.5	3.5	0.00071	678 Z	678 ZZ		
688	8	16	4	5	0.00330	688 Z	688 ZZ	688 RS	688 2RS
698	8	19	6	6	0.00723	698 Z	698 ZZ	698 RS	698 2RS
608	8	22	7	7	0.01210	608 Z	608 ZZ	608 RS	608 2RS
628	8	24	8	8	0.01720	628 Z	628 ZZ	628 RS	628 2RS
679	9	14	3	4.5	0.00305	679 Z	679 ZZ	679 RS	679 2RS
689	9	17	4	5	0.00353	689 Z	689 ZZ	689 RS	689 2RS
699	9	20	6	6	0.00845	699 Z	699 ZZ	699 RS	699 2RS
609	9	24	7	7	0.01450	609 Z	609 ZZ	609 RS	609 2RS
629	9	26	8	8	0.01950	629 Z	629 ZZ	629 RS	629 2RS
639	9	30	10	10	0.03650	639 Z	639 ZZ	639 RS	639 2RS

Miniature Ball Bearing



Inch size R Series

Bearing No.	dxDxB						Weight(kg)	Designation			
	mm	inch	mm	inch	mm	inch					
R144	3.175	0.1250	6.35	0.2500	2.779	0.1094	0.0003	R144 Z	R144 ZZ		
R155	3.969	0.1563	7.938	0.3125	3.175	0.1250	0.0006	R155 Z	R155 ZZ		
R156	4.762	0.1875	7.938	0.3125	3.175	0.1250	0.0005	R156 Z	R156 ZZ		
R166	4.762	0.1875	9.525	0.3750	3.175	0.1250	0.0008	R166 Z	R166 ZZ		
R168	6.35	0.2500	9.525	0.3750	3.175	0.1250	0.0006	R155 Z	R155 ZZ	R168 RS	R168 2RS
R186	4.762	0.1875	12.7	0.5000	3.969	0.1563	0.0020	R186 Z	R186 ZZ		
R188	6.35	0.2500	12.7	0.5000	4.762	0.1875	0.0020	R188 Z	R188 ZZ	R188 RS	R188 2RS
R1810	7.938	0.3125	12.7	0.5000	3.969	0.1563	0.0017	R1810 Z	R1810 ZZ	R1810 RS	R1810 2RS
R2	3.175	0.1250	9.525	0.3750	3.969	0.1563	0.0014	R2 Z	R2 ZZ		
R2A	3.175	0.1250	12.7	0.5000	4.366	0.1719	0.0033	R2A Z	R2A ZZ		
R3	4.762	0.1875	12.7	0.5000	3.969	0.156	0.0029	R3 Z	R3 ZZ		
R4	6.35	0.2500	15.88	0.6250	4.978	0.1960	0.0045	R4 Z	R4 ZZ	R4 RS	R4 2RS
R4A	6.35	0.2500	19.05	0.7500	5.556	0.219	0.0100	R4A Z	R4A ZZ	R4A RS	R4A 2RS
R6	9.525	0.3750	22.23	0.8750	5.556	0.219	0.0117	R6 Z	R6 ZZ	R6 RS	R6 2RS
R8	12.7	0.5000	28.58	1.1250	6.35	0.25	0.0210	R8 Z	R8 ZZ	R8 RS	R8 2RS
R10	15.88	0.6250	34.93	1.3750	7.144	0.281	0.0367	R10 Z	R10 ZZ	R10 RS	R10 2RS
R12	19.05	0.7500	41.28	1.6250	7.938	0.313	0.0630	R12 Z	R12 ZZ	R12 RS	R12 2RS
R14	22.23	0.8750	47.63	1.8750	9.525	0.375	0.0970	R14 Z	R14 ZZ	R14 RS	R14 2RS
R16	25.40	1.0000	50.8	2.0000	9.525	0.375	0.1070	R16 Z	R16 ZZ	R16 RS	R16 2RS
R18	28.58	1.1250	53.98	2.1250	9.525	0.375	0.1220	R18 Z	R18 ZZ	R18 RS	R18 2RS
R20	31.75	1.2500	57.15	2.2500	9.525	0.375	0.1250	R20 Z	R20 ZZ	R20 RS	R20 2RS
R22	34.93	1.3750	63.5	2.5000	11.11	0.438	0.1650	R22 Z	R22 ZZ	R22 RS	R22 2RS
R24	38.10	1.5000	66.68	2.6250	11.11	0.438	0.1720	R24 Z	R24 ZZ	R24 RS	R24 2RS
RLS 4	12.70		33.34		9.525		0.0300	RLS4 Z	RLS4 ZZ	RLS4 RS	RLS4 2RS
RLS 5	15.88		39.69		11.11		0.0600	RLS5 Z	RLS5 ZZ	RLS5 RS	RLS5 2RS
RLS 6	19.05		47.63		14.29		0.1100	RLS6 Z	RLS6 ZZ	RLS6 RS	RLS6 2RS
RLS 7	22.2		50.8		14.3		0.1200	RLS7 Z	RLS7 ZZ	RLS7 RS	RLS7 2RS
RLS 8	25.4		57.2		15.9		0.1780	RLS8 Z	RLS8 ZZ	RLS8 RS	RLS8 2RS
RLS 9	28.6		63.5		15.9		0.2280	RLS9 Z	RLS9 ZZ	RLS9 RS	RLS9 2RS
RLS 10	31.8		69.9		17.5		0.3000	RLS10 Z	RLS10 ZZ	RLS10 RS	RLS10 2RS
RLS 11	34.9		76.2		17.5		0.3560	RLS11 Z	RLS11 ZZ	RLS11 RS	RLS11 2RS
RLS 12	38.1		82.6		19.1		0.4500	RLS12 Z	RLS12 ZZ	RLS12 RS	RLS12 2RS