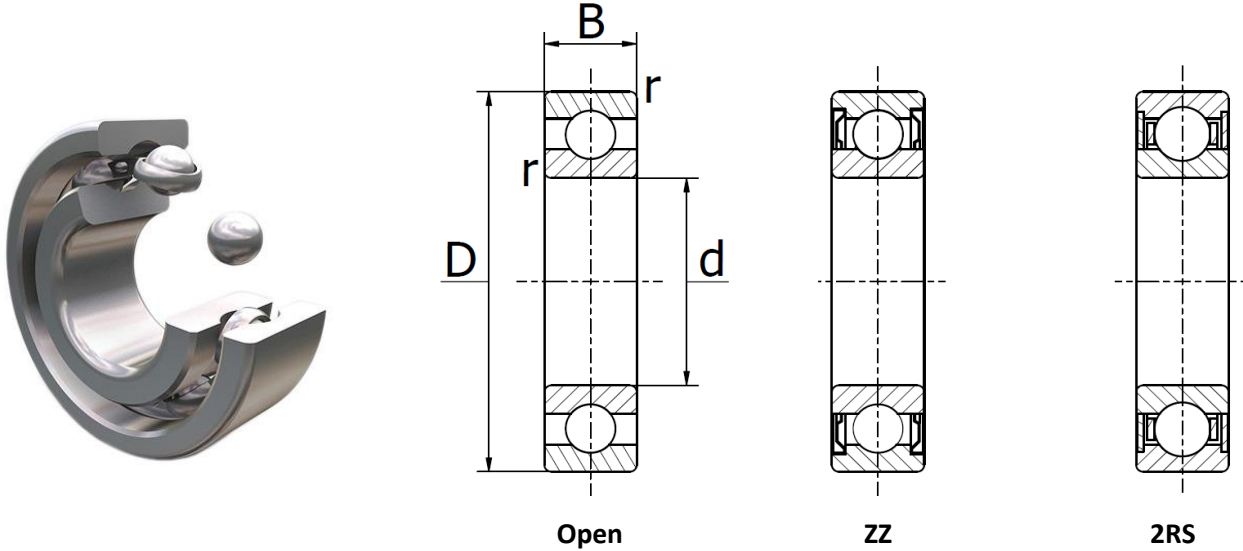




61800 Series - Single Row Deep Groove Ball Bearings (6800)

Available in open, non-contact shielded (ZZ) and contact shielded (2RS) versions. Bearings with double-sided seals are filled with lithium soap grease as standard and can be used in temperature ranges from -30°C to +110°C.



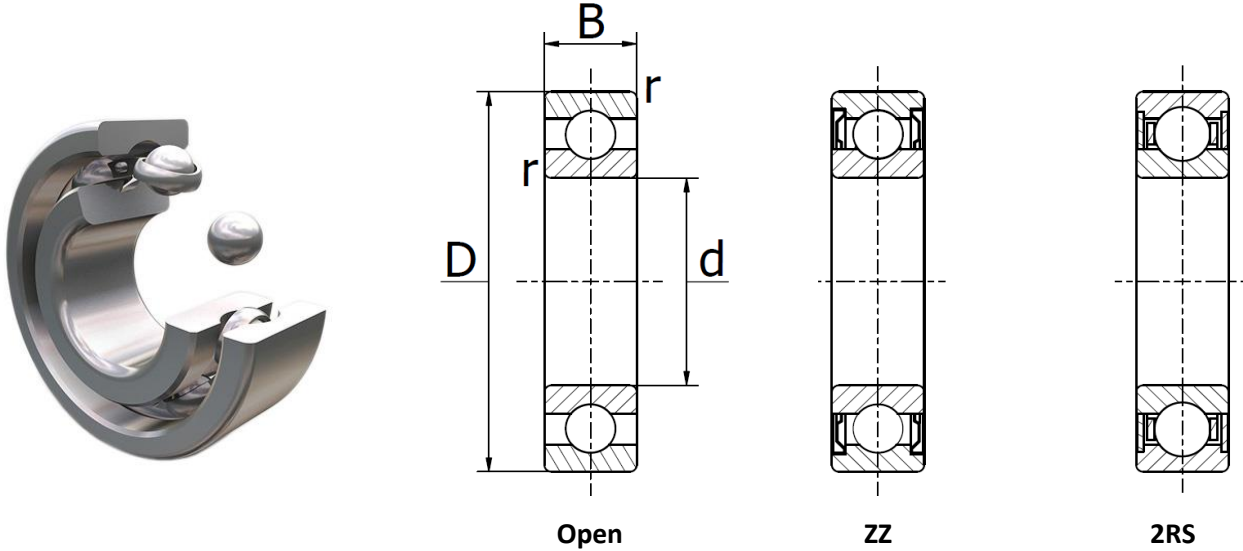
Item No.	Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (RPM)			Mass (kg) approx.
	d	D	B	r _{min}	Dynamic C _r	Static C _{0r}	Grease ZZ	Grease 2RS	Oil Open	
618/4	4	9	2,5	0,10	540	180	63.000	37.800	75.000	0,003
618/5	5	11	3	0,15	637	255	53.000	31.800	63.000	0,003
618/6	6	13	3,5	0,15	884	345	48.000	28.800	56.000	0,004
618/7	7	14	3,5	0,15	956	400	45.000	27.000	53.000	0,004
618/8	8	16	4	0,20	1.330	570	40.000	24.000	48.000	0,005
618/9	9	17	4	0,20	1.430	640	38.000	22.800	45.000	0,005
61800	10	19	5	0,30	1.380	585	36.000	20.000	43.000	0,005
61801	12	21	5	0,30	1.430	670	32.000	19.000	38.000	0,006
61802	15	24	5	0,30	1.560	800	28.000	17.000	34.000	0,007
61803	17	26	5	0,30	1.680	930	24.000	16.000	30.000	0,007
61804	20	32	7	0,30	2.700	1.500	19.000	13.000	24.000	0,017
61805	25	37	7	0,30	4.360	2.600	17.000	11.000	20.000	0,021
61806	30	42	7	0,30	4.490	2.900	15.000	9.500	18.000	0,024
61807	35	47	7	0,30	4.750	3.200	13.000	8.000	16.000	0,027
61808	40	52	7	0,30	4.940	3.450	11.000	7.500	14.000	0,031
61809	45	58	7	0,30	6.050	4.300	9.500	6.700	12.000	0,038
61810	50	65	7	0,30	6.240	4.750	9.000	6.000	11.000	0,050
61811	55	72	9	0,30	8.840	6.800	8.500	5.300	10.000	0,081
61812	60	78	10	0,30	8.710	6.700	7.500	4.800	9.000	0,103
61813	65	85	10	0,60	11.900	9.650	7.000	4.500	8.500	0,128

For sealed bearings, add the suffix ZZ (non contact) or 2RS (contact) after the item number.



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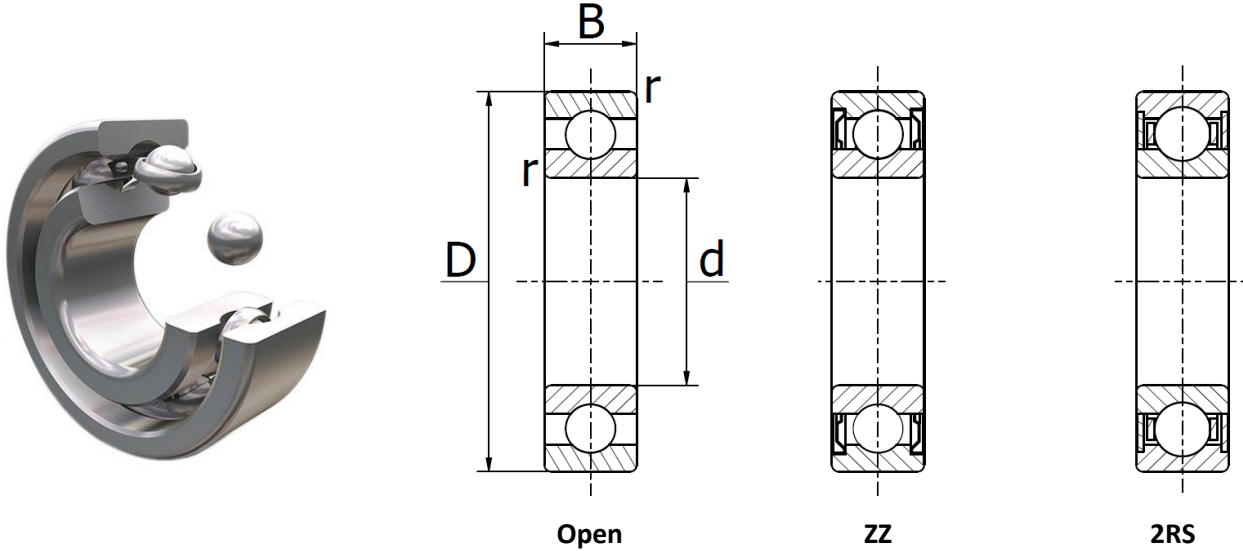
Item No.	Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (RPM)			Mass (kg) approx.
	d	D	B	r _{min}	C _r	C _{0r}	Grease	Oil		
61814	70	90	10	0,6	13.200	12.400	ZZ	2RS	Open	0,134
61815	75	95	10	0,6	13.700	13.400	ZZ	2RS	Open	0,149
61816	80	100	10	0,6	13.800	13.800	ZZ	2RS	Open	0,151
61817	85	110	13	1,0	20.400	19.800	ZZ	2RS	Open	0,263
61818	90	115	13	1,0	20.700	20.600	ZZ	2RS	Open	0,276
61819	95	120	13	1,0	21.000	21.300	ZZ	2RS	Open	0,297
61820	100	125	13	1,0	21.300	22.100	ZZ	2RS	Open	0,310
61822	110	140	16	1,0	30.000	30.500	ZZ	2RS	Open	0,500
61824	120	150	16	1,0	29.100	28.000	ZZ	2RS	Open	0,555
61826	130	165	18	1,1	37.700	43.000	ZZ	2RS	Open	0,800
61828	140	175	18	1,1	39.000	46.500	ZZ	2RS	Open	0,850
61830	150	190	20	1,1	48.800	61.000	ZZ	2RS	Open	1,160
61832	160	200	20	1,1	49.400	64.000	ZZ	2RS	Open	1,230
61834	170	215	22	1,1	61.800	78.000	ZZ	2RS	Open	1,630
61836	180	225	22	1,1	62.400	81.500	ZZ	2RS	Open	2,030
61838	190	240	24	1,5	76.100	98.000	ZZ	2RS	Open	2,620
61840	200	250	24	1,5	76.100	102.000	ZZ	2RS	Open	2,730
61844	220	270	24	1,5	78.000	110.000	ZZ	2RS	Open	3,000
61848	240	300	28	2,0	108.000	150.000	ZZ	2RS	Open	4,600
61852	260	320	28	2,0	111.000	163.000	ZZ	2RS	Open	5,000

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Item No.	Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (RPM)			Mass (kg) approx.
	d	D	B	r _{min}	C _r	C _{0r}	Grease	Oil		
61856	280	350	33	2,0	138.000	200.000	ZZ	Open	7,4	
61860	300	380	38	2,1	172.000	245.000	ZZ	Open	10,5	
61864	320	400	38	2,1	172.000	255.000	ZZ	Open	10,9	
61868	340	420	38	2,1	178.000	275.000	ZZ	Open	11,5	
61872	360	440	38	2,1	182.000	285.000	ZZ	Open	12,3	
61876	380	480	46	2,1	242.000	390.000	ZZ	Open	19,7	
61880	400	500	46	2,1	247.000	405.000	ZZ	Open	20,6	
61884	420	520	46	2,1	251.000	425.000	ZZ	Open	21,6	
61888	440	540	46	2,1	255.000	440.000	ZZ	Open	22,5	
61892	460	580	56	3,0	319.000	570.000	ZZ	Open	34,8	
61896	480	600	56	3,0	325.000	600.000	ZZ	Open	36,5	
618/500	500	620	56	3,0	332.000	620.000	ZZ	Open	40,5	
618/530	530	650	56	3,0	332.000	655.000	ZZ	Open	39,5	
618/560	560	680	56	3,0	345.000	695.000	ZZ	Open	42,0	
618/600	600	730	60	3,0	364.000	765.000	ZZ	Open	52,0	
618/630	630	780	69	4,0	442.000	965.000	ZZ	Open	73,0	
618/670	670	820	69	4,0	442.000	1.000.000	ZZ	Open	83,5	
618/710	710	870	74	4,0	475.000	1.100.000	ZZ	Open	93,5	
618/750	750	920	78	5,0	527.000	1.250.000	ZZ	Open	110,0	
618/800	800	980	82	4,0	559.000	1.370.000	ZZ	Open	130,0	

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