

Small Deep Groove Ball Bearings with Flange
Double Shielded

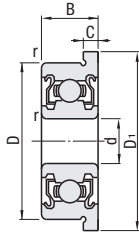
[Medium Accuracy] Small Deep Groove Ball Bearings with Flange
Double Shielded

This product can be used even when heavy load, high rotation speed, and high rotational accuracy are required. See P998 for the C-VALUE Product of this item.

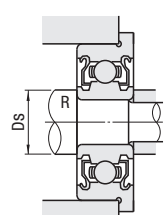


RoHS10

FL6 ZZ
FL6 AZZ
MFL1 ZZ



(Installation Diagram)



Material: EN 1.3505 Equiv.
Bearing Accuracy JIS B 1514 Class 0

For details on the tolerance and allowable values of inner and outer rings, see P2243

Part Number	d	D	B	D1	C	r (min)	Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions		Mass (g) (Reference)	Unit Price
							Cr (Dynamic) N	Cor (Static) N		Ds (min)	R (max)		
FL682ZZ	2	5	2.3	6.1	0.6	0.08	169	50	85000	2.7	0.08	0.22	
FL692ZZ		6	3.0	7.5	0.8	0.15	330	98	75000	3.0	0.15	0.48	
FL682AZZ	2.5	6	2.6	7.1	0.8	0.15	208	74	71000	3.7	0.08	0.36	
FL692AZZ		7	3.5	8.5	0.9	0.15	385	127	63000	3.85	0.15	0.68	
FL673ZZ	3	6	2.5	7.2	0.6	0.1	208	74	71000	3.6	0.08	0.33	
FL683ZZ		7	3	8.1	0.8	0.1	390	130	63000	3.9	0.1	0.53	
FL693ZZ	3	8	4	9.5	0.9	0.15	560	179	60000	4.2	0.15	0.97	
FL603ZZ		9	5	10.5	1	0.15	570	187	56000	4.2	0.15	1.63	
FL623ZZ	4	10	4	11.5	1	0.1	630	218	50000	5.0	0.1	1.14	
FL674ZZ		7	2.5	8.2	0.6	0.1	222	88	60000	4.6	0.08	0.35	
FL684ZZ	4	9		10.3	1	0.15	640	224	53000	5.2	0.15	1.96	
FL694ZZ		11	4	12.5	1	0.2	715	276	48000	5.6	0.2	2.53	
FL604ZZ	5	12		13.5	1	0.1	957	345	40000	6.6	0.2	3.85	
FL624ZZ		13	5	15	0.6	0.1	1300	485	36000	7.7	0.3	5.3	
FL675ZZ	5	8	2.5	9.2	0.6	0.1	217	91	53000	6.2	0.15	2.18	
FL685ZZ		11	5	12.5	1	0.2	1080	430	43000	6.6	0.2	2.84	
FL695ZZ	5	13	4	15	0.6	0.15	1330	505	40000	7.0	0.15	3.04	
FL605ZZ		14		16	1	0.2	1729	670	36000	7.6	0.2	4.26	
FL625ZZ	6	16	5	18	0.6	0.1	465	196	45000	8.8	0.1	1.15	
FL676ZZ		10	3	11.2	0.6	0.15	1080	440	40000	9.6	0.2	4.47	
FL686ZZ	6	13	5	17	1.1	0.2	1350	530	38000	10	0.3	8.3	
FL696ZZ		15		17	1.2	0.3	2190	835	32000	10.3	0.15	13.2	
FL606ZZ	8	17	6	19	1.5	0.1	2336	885	34000	12.4	0.2	3.4	
FL626ZZ		19		22	1.5	0.2	515	252	40000	13.2	0.3	7.1	
FL678ZZ	8	12	3.5	13.6	0.8	0.1	1610	710	36000	14	0.3	13.2	
FL688ZZ		16	5	18	1.1	0.2	1990	865	34000	15.4	0.2	3.9	
FL698ZZ	10	19	6	22	1.5	0.3	3350	1400	15000	17	0.3	19.9	
FL608ZZ		22	7	25	1.5	0.3	855	435	15000	17.4	0.2	4.4	
FL6700ZZ	10	15	4	16.5	0.8	0.15	1716	840	37000	18	0.3	19.8	
FL6800ZZ		22	6	25	1.5	0.3	2695	1273	34000	20.4	0.2	6.3	
FL6900ZZ	12	18	4	19.5	0.8	0.2	926	530	13000	22	0.3	26.1	
FL6701ZZ		21	5	23	1.1	0.3	1915	1041	33000	27	0.3	50.2	
FL6801ZZ	12	24	6	26.5	1.5	0.3	2886	1466	31000	27	0.3	50.2	
FL6901ZZ		21	4	22.5	0.8	0.2	937	582	11000	27	0.3	50.2	
FL6702ZZ	15	24	5	26	1.1	0.3	2073	1253	28000	27	0.3	50.2	
FL6802ZZ		28	7	30.5	1.5	0.3	4321	2259	26000	27	0.3	50.2	
FL6902ZZ	17	23	4	24.5	0.8	0.2	1000	658	9500	27	0.3	50.2	
FL6703ZZ		26	5	28	1.1	0.3	2233	1456	26000	27	0.3	50.2	
FL6803ZZ	17	30	7	32.5	1.5	0.3	4588	2565	23000	27	0.3	50.2	
FL6903ZZ		27	4	28.5	0.8	0.2	1041	729	8500	27	0.3	50.2	
FL6704ZZ	20	32	7	35	1.5	0.3	4015	2462	21000	27	0.3	50.2	
FL6804ZZ		37	9	40	2	0.3	6381	3682	19000	27	0.3	50.2	
FL6904ZZ	25	37	7	40	1.5	0.3	4303	2932	18000	27	0.3	50.2	
FL6805ZZ		42	9	45	2	0.3	7001	4540	16000	27	0.3	50.2	
FL6905ZZ													

Non-Standard Size

Part Number	d	D	B	D1	C	r (min)	Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions		Mass (g) (Reference)	Unit Price
							Cr (Dynamic) N	Cor (Static) N		Ds (min)	R (max)		
MFL104ZZ	4	10	4	11.6	0.8	0.15	710	270	48000	5.9	0.15	1.5	
MFL105ZZ	5						430	168	50000	6		1.38	
MFL126ZZ	6	12		13.6			715	292	43000	7.2		1.86	
MFL148ZZ	8	14		15.6			817	385	38000	9.26		2.42	



Ordering Example
Part Number
FL606ZZ
FL6702ZZ

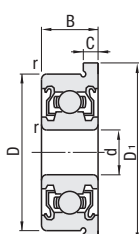
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Similar Products Page P997

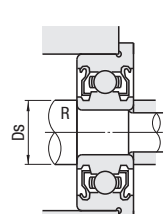
Similar Products Comparison Points | Products designed for light load, intermediate and low rotation speed, and medium rotational accuracy applications. See P987 for the description of C-VALUE Products.



C-FL6 ZZ



(Installation Diagram)



Material: EN 1.3505 Equiv.
Bearing Accuracy JIS B 1514 Class 0

For details on the tolerance and allowable values of inner and outer rings, see P2243

Part Number	d	D	B	D1	C	r (min)	C-VALUE Products Check Point ① Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions		Mass (g) (Reference)	Unit Price
							Cr (Dynamic) N	Cor (Static) N		Ds (min)	R (max)		
C-FL673ZZ	3	6	2.5	7.2	0.6	0.1	146	52	71000	3.6	0.08	0.33	
C-FL683ZZ		7	3	8.1	0.8	0.1	273	91	63000	3.9	0.1	0.53	
C-FL693ZZ		8	4	9.5	0.9	0.15	392	125	60000	4.2	0.15	0.97	
C-FL603ZZ		9	5	10.5	1		399	131	56000			1.63	
C-FL623ZZ		10	4	11.5	1	0.15	441	153	50000		1.86		
C-FL674ZZ	4	7	2.5	8.2	0.6	0.1	155	62	60000	4.6	0.08	0.35	
C-FL684ZZ		9	4	10.3	1	0.1	448	157	53000	5	0.1	1.14	
C-FL694ZZ		11		12.5	0.15	501	193	48000	5.2	0.15	1.96		
C-FL604ZZ		12		13.5		0.2	670	242	48000		0.2	2.53	
C-FL624ZZ		13	5	15	0.6		0.1	910	340	40000	5.6	0.2	3.53
C-FL675ZZ	8	2.5	9.2	0.6		0.1	152	64	53000			0.08	0.41
C-FL685ZZ	5	11	5	12.5	1	0.15	501	197	45000	6.2	0.15	2.18	
C-FL695ZZ		13	4	15			0.2	756	301	43000	6.6	0.2	2.84
C-FL605ZZ		14	5	16		0.3		931	354	40000			
C-FL625ZZ		16	5	18			0.3	1,210	469	36000	7.7	0.3	5.3
C-FL676ZZ		10	3	11.2		0.6	0.1	326	137	45000	6.6	0.1	0.77
C-FL686ZZ	6	13	5	15	1.1	0.15	756	308	40000	7	0.15	3.04	
C-FL696ZZ		15		17	1.2	0.2	945	371	40000	7.6	0.2	4.26	
C-FL606ZZ		17		6	19	0.3	1,533	585	38000	8	0.3	6.61	
C-FL626ZZ		19	6	22	1.5		1,635	620	32000	8		9.09	
C-FL678ZZ		8	12	3.5	13.6	0.8	0.1	361	176	40000	8.8	0.1	1.15
C-FL688ZZ	16		5	18	1.1	0.2	1,127	497	36000	9.6	0.2	4.47	
C-FL698ZZ	19		6	22	1.5	0.3	1,393	606	36000	10	0.3	8.3	
C-FL608ZZ	22		7	25			2,345	980	34000				13
C-FL6700ZZ	10		15	4	16.5	0.8	0.15	599	305	15000	10.3	0.15	2.1
C-FL6800ZZ		19	5	21	1	0.3	1,201	588	37000	12	0.3	6.1	
C-FL6900ZZ		22	6	25	1.5		1,887	891	34000	13.2		11.1	
C-FL6701ZZ		18	4	19.5	0.8	0.2	648	371	13000	12.4	0.2	3.4	
C-FL6801ZZ	12	21	5	23	1.1	0.3	1,341	729	33000	14	0.3	7.1	
C-FL6901ZZ		24	6	26.5	1.5		2,020	1,026	31000	14		13.2	
C-FL6802ZZ		24	5	26	1.1		0.3	1,451	877	28000		17	0.3
C-FL6902ZZ	28	7	30.5	1.5	3,025	1,581		26000	17	19.9			
C-FL6703ZZ	17	23	4	24.5	0.8	0.2	700	461	9500	17.4	0.2	4.4	
C-FL6803ZZ		26	5	28	1.1	0.3	1,563	1,019	26000	19	0.3	8.9	
C-FL6903ZZ		30	7	32.5	1.5		3,212	1,796	23000	19		21.4	
C-FL6804ZZ	20	32	7	35	1.5	0.3	2,811	1,723	21000	22	0.3	19.8	
C-FL6904ZZ		37	9	40	2		4,467	2,577	19000	22		42.8	
C-FL6805ZZ		37	7	40	1.5		3,012	2,052	18000	27		26.1	
C-FL6905ZZ	25	42	9	45	2	0.3	4,901	3,178	16000	27	0.3	50.2	