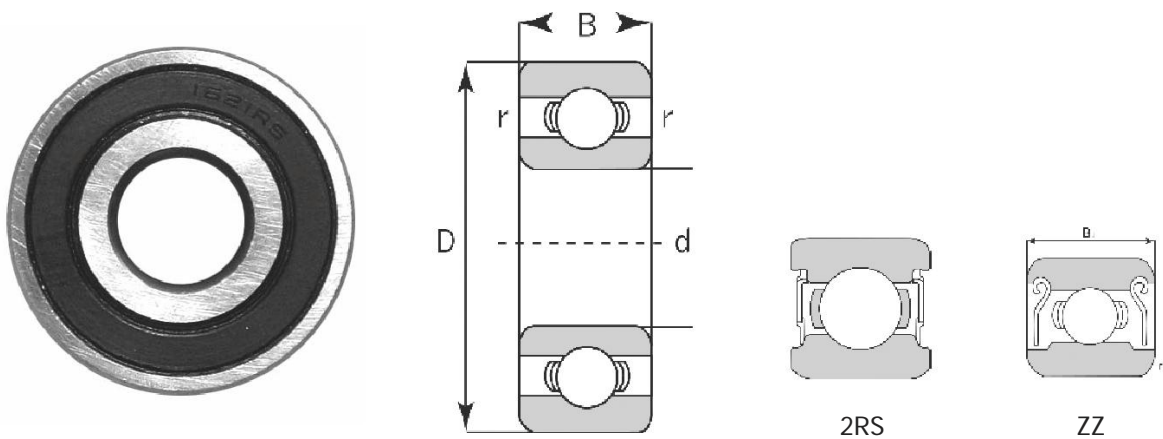


# Single Row Radial Ball Bearings

Inch series 1600



Unit No.	Bore		Outer Diameter		Width		Radius (inch)	Basic Load Rating (lbs)		Weight (lbs)
	fract.	(inch)	fract.	(inch)	fract.	(inch)		Dynamic Cr	Static COr	
	d		D		W		r			
1601	3/16	0.1875	11/16	0.6875	1/4*	0.25*	0.012	350	167	0.012
1602	1/4	0.25	11/16	0.6875	1/4*	0.25*	0.012	350	167	0.013
1603	5/16	0.3125	7/8	0.8750	9/32**	0.2812**	0.012	686	310	0.023
1604	3/8	0.375	7/8	0.8750	9/32**	0.2812**	0.015	686	310	0.021
1605	5/16	0.3125	29/32	0.9062	5/16	0.3125	0.012	725	318	0.032
1606	3/8	0.375	29/32	0.9062	5/16	0.3125	0.015	725	318	0.030
1607	7/16	0.4375	29/32	0.9062	5/16	0.3125	0.015	725	318	0.035
1614	3/8	0.375	1-1/8	1.125	3/8	0.375	0.025	885	501	0.077
1615	7/16	0.4375	1-1/8	1.125	3/8	0.375	0.025	885	501	0.071
1616	1/2	0.5	1-1/8	1.125	3/8	0.375	0.025	885	501	0.066
1620	7/16	0.4375	1-3/8	1.375	7/16	0.4375	0.025	1038	626	0.105
1621	1/2	0.5	1-3/8	1.375	7/16	0.4375	0.025	1038	626	0.106
1622	9/16	0.5625	1-3/8	1.375	7/16	0.4375	0.025	1038	626	0.101
1623	5/8	0.625	1-3/8	1.375	7/16	0.4375	0.025	1038	626	0.088
1628	5/8	0.625	1-5/8	1.625	1/2	0.5	0.025	1848	1055	0.159
1630	3/4	0.75	1-5/8	1.625	1/2	0.5	0.025	1848	1055	0.143
1633	5/8	0.625	1-3/4	1.75	1/2	0.5	0.025	1848	1055	0.203
1635	3/4	0.75	1-3/4	1.75	1/2	0.5	0.025	1848	1055	0.187
1638	3/4	0.75	2	2	9/16	0.5625	0.035	1958	1165	0.265
1640	7/8	0.875	2	2	9/16	0.5625	0.035	1958	1165	0.247
1641	1	1	2	2	9/16	0.5625	0.035	1958	1165	0.221
1652	1-1/8	1.125	2-1/2	2.5	5/8	0.625	0.035	2592	1735	0.463
1654	1-1/4	1.25	2-1/2	2.5	5/8	0.625	0.035	2592	1735	0.419
1657	1-1/4	1.25	2-9/16	2.5625	11/16	0.6875	0.035	3362	2244	0.474
1658	1-5/16	1.3125	2-9/16	2.5625	11/16	0.6875	0.035	3362	2244	0.441

Other sizes could be available upon request. Minimum quantity may apply. "F" stands for "Flanged" as in SSFR.

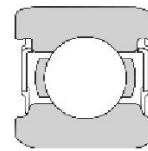
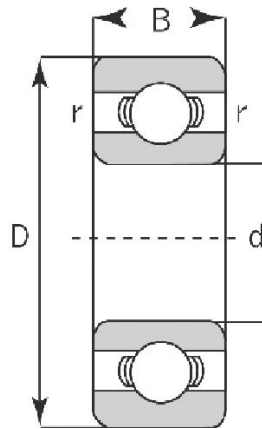
"EE" stands for "Extended Inner Ring" as in SSR-EE and SSFR-EE.

2RS stands for "Double Rubber Seals".

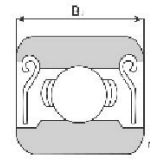
ZZ stands for "Shielded"

# Single Row Radial Ball Bearings

## Metric Series



2RS



ZZ

### 16000

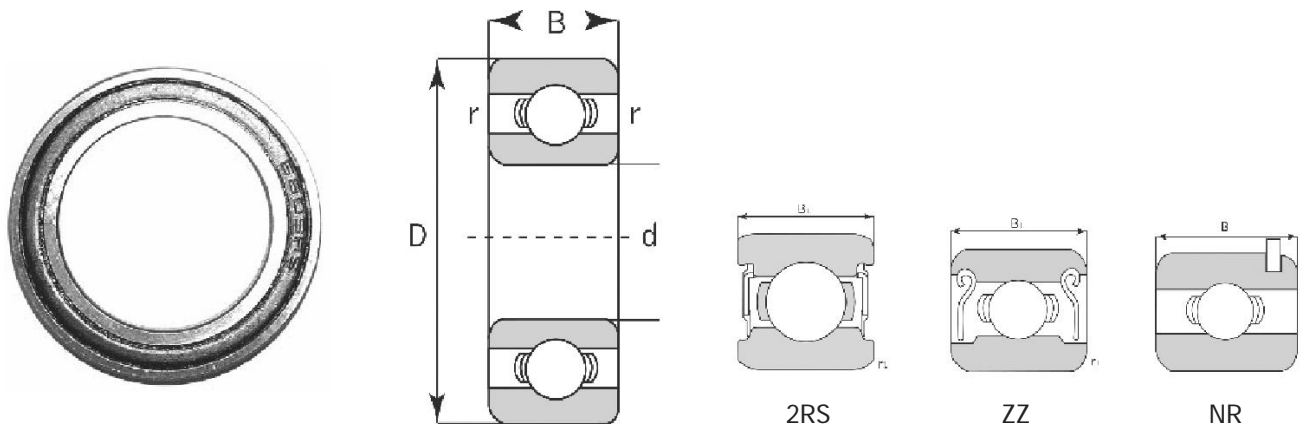
Unit No.	Bore (mm)	Outer Diameter (mm)	Width (mm)	Basic Load Rating (lbs)		Weight (lbs)
	d	D	B	Dynamic Cr	Static Cor	
16100	10	28	8	1178	545	0.05
16001	12	28	7	1144	530	0.042
16101	12	30	8	1201	557	0.055
16002	15	32	8	1260	641	0.06
16003	17	35	8	1360	731	0.065
16004	20	42	8	1550	910	0.105
16005	25	47	8	1710	1070	0.115
16006	30	55	9	2520	1650	0.175
16007	35	62	9	2790	1830	0.185
16008	40	68	9	2990	2060	0.27
16009	45	75	10	3344	2552	0.367
16010	50	80	10	3454	2772	0.385
16011	55	90	11	4356	3652	0.565
16012	60	95	11	4488	3916	0.618
16013	65	100	11	4598	4202	0.66
16014	70	110	13	6006	5302	0.961
16015	75	115	13	6204	5676	1.019

### 6700

Unit No.	Bore (mm)	Outer Diameter (mm)	Width (mm)	Basic Load Rating (lbs)		Weight (lbs)
	d	D	B	Dynamic Cr	Static Cor	
6701	12	18	4	207	119	0.006
6702	15	21	4	211	130	0.007
6703	17	23	4	224	147	0.008
6704	20	27	4	233	163	0.012
6705	25	32	4	242	187	0.014
6706	30	37	4	253	209	0.016
6707	35	44	5	418	363	0.030
6708	40	50	6	550	495	0.046
6709	45	55	6	583	539	0.050

# Single Row Radial Ball Bearings

## Metric Series



### 6800

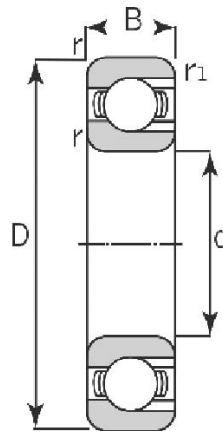
Unit No.	Bore (mm)	Outer Diameter (mm)	Width (mm)	Radius (mm)	Basic Load Rating (lbs)		Weight (lbs)
	d	D	B	r	Dynamic Cr	Static COr	
6800	10	19	5	0.5	328	156	0.005
6801	12	21	5	0.5	344	176	0.006
6802	15	24	5	0.5	372	212	0.007
6803	17	26	5	0.5	504	289	0.008
6804	20	32	7	0.5	720	416	0.019
6805	25	37	7	0.5	772	499	0.022
6806	30	42	7	0.5	848	611	0.026
6807	35	47	7	0.5	880	679	0.029
6808	40	52	7	0.5	912	739	0.033
6809	45	58	7	0.5	1135	953	0.04
6810	50	65	7	0.5	1184	1028	0.052
6811	55	72	9	0.5	1584	1365	0.083
6812	60	78	10	0.5	2064	1785	0.106

### 6900

Unit No.	Bore (mm)	Outer Diameter (mm)	Width (mm)	Radius (mm)	Basic Load Rating (lbs)		Weight (lbs)
	d	D	B	r	Dynamic Cr	Static COr	
6901	12	24	6	0.5	520	248	0.011
6902	15	28	7	0.5	736	345	0.016
6903	17	30	7	0.5	840	435	0.018
6904	20	37	9	0.5	1144	619	0.036
6905	25	42	9	0.5	1264	765	0.042
6906	30	47	9	0.5	1304	848	0.048
6907	35	55	10	1	2008	1253	0.074
6908	40	62	12	1	912	739	0.11
6909	45	68	12	1	2720	1898	0.128
6910	50	72	12	1	2800	2063	0.132
6911	55	80	13	1.5	2880	2235	0.18
6912	60	85	13	1.5	2960	2400	0.193

# Single Row Radial Ball Bearings

## Maximum-Capacity Type-Series



### BL200

Unit No.	Bore (mm)	Outer Diameter (mm)	Width (mm)	Radius (mm)	Limiting Speed (rpm)		Basic Load Rating (lbs)		Weight (lbs)
	d	D	B	r	ZZ	2RS	Dynamic Cr	Static Cor	
BL205	25	52	15	1.5	12.000	9.000	3.800	2.360	0.312
BL206	30	62	16	1.5	10.000	7.500	5.600	3.650	0.471
BL207	35	72	17	2	8.800	6.600	7.400	4.950	0.700
BL208	40	80	18	2	7.800	5.850	8.800	6.250	0.880
BL209	45	85	19	2	7.000	5.250	9.900	7.150	1.000
BL210	50	90	20	2	6.400	4.800	10.300	7.850	1.100
BL211	55	100	21	2.5	5.800	4.350	12.800	9.850	1.500
BL212	60	110	22	2.5	5.400	4.050	15.500	12.200	1.900
BL213	65	120	23	2.5	4.900	3.675	16.900	13.500	2.400
BL214	70	125	24	2.5	4.600	3.450	18.300	14.900	2.600
BL215	75	130	25	2.5	4.300	3.225	19.100	16.100	2.790

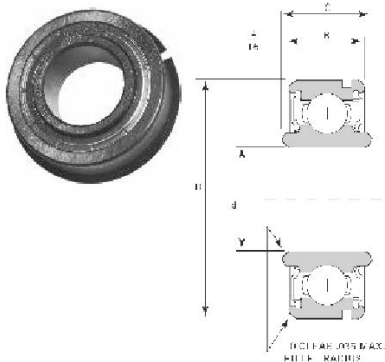
### BL300

Unit No.	Bore (mm)	Outer Diameter (mm)	Width (mm)	Radius (mm)	Limiting Speed (rpm)		Basic Load Rating (lbs)		Weight (lbs)
	d	D	B	r	ZZ	2RS	Dynamic Cr	Static Cor	
BL305	26	62	17	2	11.000	8.250	6.050	3.500	0.568
BL306	30	72	19	2	9.000	6.750	7.400	4.650	0.858
BL307	35	80	21	2.5	7.900	5.925	9.800	6.450	1.100
BL308	40	90	23	2.5	7.000	5.250	12.300	8.050	1.500
BL309	45	100	25	2.5	6.300	4.725	14.700	9.900	2.100
BL310	50	110	27	3	5.700	4.275	17.200	11.800	2.680
BL311	55	120	29	3	5.200	3.900	21.100	15.200	3.410
BL312	60	130	31	3	4.800	3.600	24.100	17.600	4.220
BL313	65	140	33	3	4.400	3.300	27.300	20.200	5.190
BL314	70	150	35	3	4.100	3.075	30.500	23.000	6.490
BL315	75	160	37	3	3.800	2.850	33.500	26.000	7.920

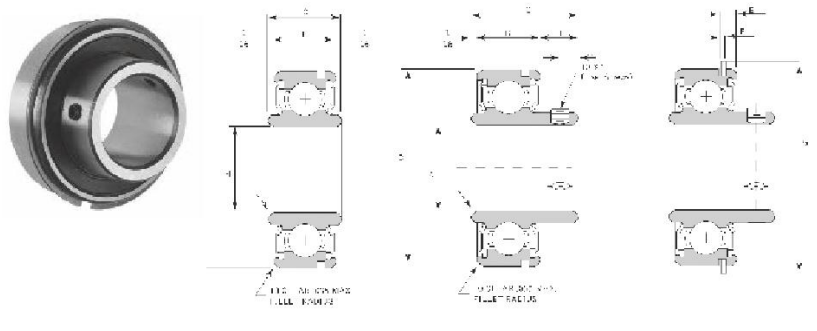
# Radial Ball Bearings

## Inch Series

### 7500 DLG



### 7600 DLG



### 7500 DLG

Unit No.	Bore	Outer Diameter	Outer Width	Inner Width	(inch)	(inch)	(inch)	Basic Load Rating (lbs)		Weight (lbs)
	(inch / mm)	(inch / mm)	(inch / mm)	(inch / mm)	E	F	G	Dynamic Cr	Static Cor	
	d	D	B	C						
7508 DLG	0.5000 12.70	1.7500 44.4500	0.6250 15.8750	0.7500 19.0500	0.136	0.042	1.921	1125	657	0.30
7510 DLG	0.6250 15.88	1.7500 44.4500	0.6250 15.8750	0.7500 19.0500	0.136	0.042	1.921	1125	657	0.28
7512 DLG	0.7500 19.05	1.7500 44.4500	0.6250 15.8750	0.7500 19.0500	0.136	0.042	1.921	1125	657	0.25
7514 DLG	0.8750 22.23	2.0000 50.8000	0.6250 15.8750	0.7500 19.0500	0.136	0.042	2.156	1680	1020	0.32
7516 DLG	1.0000 25.40	2.0000 50.8000	0.6250 15.8750	0.7500 19.0500	0.136	0.042	2.156	1680	1020	0.29
7518 DLG	1.1250 28.57	2.5625 65.0875	0.7500 19.0500	0.8750 22.2250	0.190	0.065	2.843	2526	1708	0.65
7520 DLG	1.2500 31.75	2.5625 65.0875	0.7500 19.0500	0.8750 22.2250	0.190	0.065	2.843	2526	1708	0.60

### 7600 DLG

Unit No.	Bore	Outer Diameter	Outer Width	Inner Width	(inch)	(inch)	(inch)	Basic Load Rating (lbs)		Weight (lbs)
	(inch / mm)	(inch / mm)	(inch / mm)	(inch / mm)	E	F	G	Dynamic Cr	Static Cor	
	d	D	B	C						
7612 DLG	0.75 19.05	1.7500 44.4500	0.6250 15.8750	1.0920 27.7368	0.136	0.042	1.921	1125	657	0.31
7614 DLG	0.875 22.23	2.0000 50.8000	0.6250 15.8750	1.1790 29.9466	0.136	0.042	2.156	1680	1020	0.43
7616 DLG	1 25.40	2.0000 50.8000	0.6250 15.8750	1.1790 29.9466	0.136	0.042	2.156	1680	1020	0.36
7618 DLG	1.125 28.57	2.5625 65.0875	0.7500 19.0500	1.4170 35.9918	0.190	0.065	2.843	2526	1708	0.76
7620 DLG	1.25 31.75	2.5625 65.0875	0.7500 19.0500	1.4170 35.9918	0.190	0.065	2.843	2526	1708	0.82