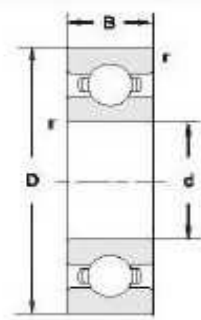
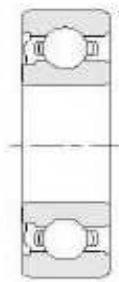


ROLAMENTO RADIAL DE ESFERA RIGIDA (Z.ZZ.RS.2RS.RZ.2RZ)



Open type



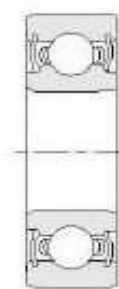
With dust cover on one side (Z)



With dust cover on both sides (ZZ)



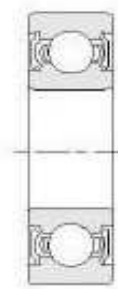
With contact seal on one side (RS)



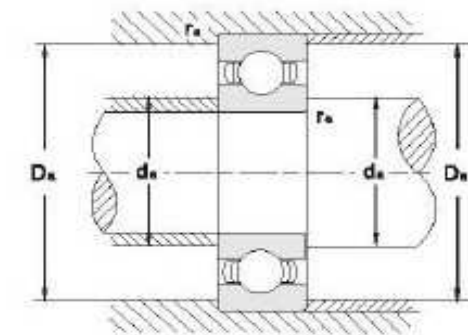
With contact seal on both sides (2RS)



With contact seal on one side (RZ)



With non-contact seal on both sides (2RZ)



Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.ZZ.RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	da (Min)	Da (Max)	ra (Max)	
10	15.0	3.00	0.10	61700	61700-Z	61700-ZZ	61700-RS	61700-2RS	61700-RZ	61700-2RZ	1010	555	36000	25000	42000	10.80	14.20	0.10	0.0015
10	19.0	5.00	0.30	61800	61800-Z	61800-ZZ	61800-RS	61800-2RS	61800-RZ	61800-2RZ	1840	925	35000	24000	40000	12.00	17.00	0.30	0.0050
10	19.0	7.00	0.30	63800	63800-Z	63800-ZZ	63800-RS	63800-2RS	63800-RZ	63800-2RZ	1840	925	35000	24000	40000	12.00	17.00	0.30	0.0074
10	22.0	6.00	0.30	61900	61900-Z	61900-ZZ	61900-RS	61900-2RS	61900-RZ	61900-2RZ	2700	1270	33000	23000	38000	12.00	20.00	0.30	0.0090
10	26.0	8.00	0.30	6000	6000-Z	6000-ZZ	6000-RS	6000-2RS	6000-RZ	6000-2RZ	4550	1970	30000	19000	36000	12.00	24.00	0.30	0.0190
10	26.0	12.00	0.50	63000	-	-	-	63000-2RS	-	-	4620	1960	30000	19000	36000	12.60	24.00	0.30	0.0250
10	28.0	8.00	0.30	16100	-	16100-ZZ	-	16100-2RS	-	-	4620	1960	28000	-	34000	12.00	24.00	0.30	0.0220
10	30.0	9.00	0.60	6200	6200-Z	6200-ZZ	6200-RS	6200-2RS	6200-RZ	6200-2RZ	5100	2390	24000	17000	30000	15.00	25.00	0.60	0.0320
10	30.0	14.00	1.00	62200	-	-	-	62200-2RS	-	-	5070	2360	24000	17000	30000	14.80	26.00	0.60	0.0400
10	30.0	14.30	1.00	63200	-	-	-	63200-2RS	-	-	5146	2350	21000	15000	26000	-	-	-	0.0460
10	35.0	11.00	0.60	6300	6300-Z	6300-ZZ	6300-RS	6300-2RS	6300-RZ	6300-2RZ	8100	3450	21000	15000	26000	15.00	30.00	0.60	0.0530
10	35.0	17.00	1.00	62300	-	-	-	62300-2RS	-	-	8060	3400	21000	15000	26000	15.60	31.00	0.60	0.0600
12	18.0	4.00	0.20	61701	61701-Z	61701-ZZ	61701-RS	61701-2RS	61701-RZ	61701-2RZ	1070	6555	32000	22000	38000	13.60	16.40	0.20	0.0030
12	21.0	5.00	0.30	61801	61801-Z	61801-ZZ	61801-RS	61801-2RS	61801-RZ	61801-2RZ	1900	1040	32000	22000	39000	14.00	19.00	0.30	0.0060
12	21.0	7.00	0.30	63801	63801-Z	63801-ZZ	63801-RS	63801-2RS	63801-RZ	63801-2RZ	1900	1040	32000	22000	39000	14.00	19.00	0.30	0.0085
12	24.0	6.00	0.30	61901	61901-Z	61901-ZZ	61901-RS	61901-2RS	61901-RZ	61901-2RZ	2900	1460	30000	20000	35000	14.00	22.00	0.30	0.0110
12	28.0	7.00	0.30	16001	-	16001-ZZ	-	16001-2RS	-	-	5100	2400	27000	-	32000	14.00	26.00	0.30	0.0240
12	28.0	8.00	0.30	6001	6001-Z	6001-ZZ	6001-RS	6001-2RS	6001-RZ	6001-2RZ	5100	2390	27000	17000	32000	14.00	26.00	0.30	0.0230
12	28.0	12.00	0.50	63001	-	-	-	63001-2RS	-	-	5070	2360	27000	17000	32000	16.00	28.00	0.60	0.0290
12	30.0	8.00	0.30	16101	-	16101-ZZ	-	16101-2RS	-	-	5070	2360	26000	-	32000	14.00	28.00	0.30	0.0230
12	32.0	10.00	0.60	6201	6201-Z	6201-ZZ	6201-RS	6201-2RS	6201-RZ	6201-2RZ	6800	3050	22000	15000	27000	17.00	27.00	0.60	0.0370
12	32.0	14.00	1.00	62201	-	-	-	62201-2RS	-	-	6890	3100	22000	15000	27000	16.00	28.00	0.60	0.0460

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.2Z. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
12	32.0	15.90	1.00	63201	-	-	-	63201-2RS	-	-	7000	3050	19000	14000	24000	-	-	-	0.0550
12	37.0	12.00	1.00	6301	6301-Z	6301-2Z	6301-RS	6301-2RS	6301-RZ	6301-2RZ	9800	4250	19000	14000	24000	18.00	31.00	1.00	0.0600
12	37.0	17.00	1.50	62301	-	-	-	62301-2RS	-	-	9750	4150	19000	14000	24000	17.00	32.00	1.00	0.0740
15	21.0	4.00	0.20	61702	61702-Z	61702-2Z	61702-RS	61702-2RS	61702-RZ	61702-2RZ	1150	790	29000	20000	34000	16.60	19.40	0.20	0.0035
15	24.0	5.00	0.30	61802	61802-Z	61802-2Z	61802-RS	61802-2RS	61802-RZ	61802-2RZ	2080	1260	27000	18000	32000	17.00	22.00	0.30	0.0070
15	24.0	7.00	0.30	63802	63802-Z	63802-2Z	63802-RS	63802-2RS	63802-RZ	63802-2RZ	2080	1260	27000	18000	32000	17.00	22.00	0.30	0.0100
15	28.0	7.00	0.30	61902	61902-Z	61902-2Z	61902-RS	61902-2RS	61902-RZ	61902-2RZ	4300	2250	26000	17000	31000	17.00	26.00	0.30	0.0160
15	32.0	8.00	0.30	16002	-	16002-2Z	-	16002-2RS	-	-	5600	2840	23000	-	28000	20.00	27.00	0.30	0.0250
15	32.0	9.00	0.30	6002	6002-Z	6002-2Z	6002-RS	6002-2RS	6002-RZ	6002-2RZ	5600	2840	23000	14000	28000	17.00	30.00	0.30	0.0320
15	32.0	13.00	0.50	63002	-	-	-	63002-2RS	-	-	5590	2850	23000	14000	28000	18.00	30.00	0.30	0.0420
15	35.0	11.00	0.60	6202	6202-Z	6202-2Z	6202-RS	6202-2RS	6202-RZ	6202-2RZ	7650	3700	19000	13000	24000	20.00	30.00	0.60	0.0450
15	35.0	14.00	1.00	62202	-	-	-	62202-2RS	-	-	7800	3750	19000	13000	24000	19.00	31.00	0.60	0.0560
15	35.0	15.90	1.00	63202	-	-	-	63202-2RS	-	-	8000	3600	18000	12500	23000	-	-	-	0.0680
15	42.0	13.00	1.00	6302	6302-Z	6302-2Z	6302-RS	6302-2RS	6302-RZ	6302-2RZ	11400	5400	17000	12000	20000	21.00	36.00	1.00	0.0820
15	42.0	17.00	1.50	62302	-	-	-	62302-2RS	-	-	11400	5400	17000	12000	20000	20.50	37.00	1.00	0.1100
17	23.0	4.00	0.20	61703	61703-Z	61703-2Z	61703-RS	61703-2RS	61703-RZ	61703-2RZ	1200	865	26000	15000	31000	18.60	21.40	0.20	0.0040
17	26.0	5.00	0.30	61803	61803-Z	61803-2Z	61803-RS	61803-2RS	61803-RZ	61803-2RZ	2630	1570	25000	14500	30000	19.00	24.00	0.30	0.0080
17	26.0	7.00	0.30	63803	63803-Z	63803-2Z	63803-RS	63803-2RS	63803-RZ	63803-2RZ	2630	1570	25000	14500	30000	19.00	24.00	0.30	0.0110
17	30.0	7.00	0.30	61903	61903-Z	61903-2Z	61903-RS	61903-2RS	61903-RZ	61903-2RZ	4600	2550	24000	13000	29000	19.00	28.00	0.30	0.0180
17	35.0	8.00	0.30	16003	-	16003-2Z	-	16003-2RS	-	-	6000	3250	20000	-	24000	22.00	30.00	0.30	0.0320
17	35.0	10.00	0.30	6003	6003-Z	6003-2Z	6003-RS	6003-2RS	6003-RZ	6003-2RZ	6000	3250	20000	13000	25000	19.00	33.00	0.30	0.0390
17	35.0	14.00	0.50	63003	-	-	-	63003-2RS	-	-	6050	3250	20000	12000	25000	20.00	33.00	0.30	0.0510
17	40.0	12.00	0.60	6203	6203-Z	6203-2Z	6203-RS	6203-2RS	6203-RZ	6203-2RZ	9550	4800	17000	12000	21000	22.00	35.00	0.60	0.0650
17	40.0	16.00	1.00	62203	-	-	-	62203-2RS	-	-	9560	4750	16000	11500	20000	21.00	36.00	0.60	0.0850
17	40.0	17.50	1.00	63203	-	-	-	63203-2RS	-	-	9200	4500	16000	11000	20000	-	-	-	0.0900
17	47.0	14.00	1.00	6303	6303-Z	6303-2Z	6303-RS	6303-2RS	6303-RZ	6303-2RZ	13600	6550	15000	11000	18000	23.00	41.00	1.00	0.1150
17	47.0	19.00	1.50	62303	-	-	-	62303-2RS	-	-	13500	6550	14000	9500	17000	23.50	42.00	1.00	0.1490
17	62.0	17.00	1.10	6403	-	6403-2Z	-	6403-2RS	-	-	22700	10800	12000	-	15000	26.00	53.00	1.00	0.2710
20	27.0	4.00	0.20	61704	61704-Z	61704-2Z	61704-RS	61704-2RS	61704-RZ	61704-2RZ	1790	1320	23000	13000	28000	21.60	25.40	0.20	0.0050
20	32.0	7.00	0.30	61804	61804-Z	61804-2Z	61804-RS	61804-2RS	61804-RZ	61804-2RZ	4000	2470	20000	12000	24000	22.00	30.00	0.30	0.0190

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.ZZ. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
20	32.0	10.00	0.30	63804	63804-Z	63804-2Z	63804-RS	63804-2RS	63804-RZ	63804-2RZ	4000	2470	20000	12000	24000	22.00	30.00	0.30	0.0240
20	37.0	9.00	0.30	61904	61904-Z	61904-2Z	61904-RS	61904-2RS	61904-RZ	61904-2RZ	6350	3700	19000	11500	23000	22.00	35.00	0.30	0.0360
20	42.0	8.00	0.30	16004	-	16004-2Z	-	16004-2RS	-	-	7900	4500	17000	-	21000	25.00	37.00	0.30	0.0500
20	42.0	12.00	0.60	6004	6004-Z	6004-2Z	6004-RS	6004-2RS	6004-RZ	6004-2RZ	9400	5000	17000	11000	21000	24.00	38.00	0.60	0.0700
20	42.0	16.00	1.00	63004	-	-	-	63004-2RS	-	-	9360	5000	15000	10000	18000	24.50	38.00	0.60	0.0880
20	47.0	14.00	1.00	6204	6204-Z	6204-2Z	6204-RS	6204-2RS	6204-RZ	6204-2RZ	12800	6600	14000	10000	18000	26.00	41.00	1.00	0.1060
20	47.0	18.00	1.50	62204	-	-	-	62204-2RS	-	-	12700	6550	13000	9500	16000	25.50	42.00	1.00	0.1280
20	47.0	20.60	1.50	63204	-	-	-	63204-2RS	-	-	9800	6174	13000	9500	16000	-	-	-	0.1500
20	52.0	15.00	1.10	6304	6304-Z	6304-2Z	6304-RS	6304-2RS	6304-RZ	6304-2RZ	15900	7900	13000	9500	16000	27.00	45.00	1.00	0.1440
20	52.0	21.00	2.00	62304	-	-	-	62304-2RS	-	-	15900	7800	11500	8800	13500	27.00	45.50	1.00	0.1970
20	72.0	19.00	1.10	6404	-	6404-2Z	-	6404-2RS	-	-	31000	15200	11000	-	13000	29.00	63.00	1.00	0.4080
22	44.0	12.00	0.60	60/22	60/22-Z	60/22-2Z	60/22-RS	60/22-2RS	60/22-RZ	60/22-2RZ	9400	5050	17000	10000	20000	27.00	39.00	0.60	0.0740
22	50.0	14.00	1.00	62/22	62/22-Z	62/22-2Z	62/22-RS	62/22-2RS	62/22-RZ	62/22-2RZ	13900	6950	13000	9000	17000	28.00	44.00	1.00	0.1200
22	56.0	16.00	1.10	63/22	63/22-Z	63/22-2Z	63/22-RS	63/22-2RS	63/22-RZ	63/22-2RZ	18400	9250	12000	8000	15000	29.00	49.00	1.00	0.1760
25	32.0	4.00	0.20	61705	61705-Z	61705-2Z	61705-RS	61705-2RS	61705-RZ	61705-2RZ	1930	1550	19000	11000	23000	26.60	30.40	0.20	0.0060
25	37.0	7.00	0.30	61805	61805-Z	61805-2Z	61805-RS	61805-2RS	61805-RZ	61805-2RZ	4300	2950	18000	10500	20000	27.00	35.00	0.30	0.0220
25	37.0	10.00	0.30	63805	63805-Z	63805-2Z	63805-RS	63805-2RS	63805-RZ	63805-2RZ	4300	2950	18000	10500	20000	27.00	35.00	0.30	0.0320
25	42.0	9.00	0.30	61905	61905-Z	61905-2Z	61905-RS	61905-2RS	61905-RZ	61905-2RZ	7000	4500	16000	10000	20000	27.00	40.00	0.30	0.0410
25	47.0	8.00	0.30	16005	-	16005-2Z	-	16005-2RS	-	-	6950	5650	15000	-	18000	30.00	42.00	0.30	0.0600
25	47.0	12.00	0.60	6005	6005-Z	6005-2Z	6005-RS	6005-2RS	6005-RZ	6005-2RZ	10100	5850	15000	9500	18000	29.00	43.00	0.60	0.0790
25	47.0	16.00	1.00	63005	-	-	-	63005-2RS	-	-	11200	6550	15000	9500	18000	29.00	43.00	0.60	0.1000
25	52.0	15.00	1.00	6205	6205-Z	6205-2Z	6205-RS	6205-2RS	6205-RZ	6205-2RZ	14000	7900	12000	8500	16000	31.00	46.00	1.00	0.1280
25	52.0	18.00	1.50	62205	-	-	-	62205-2RS	-	-	14000	7800	12000	8500	16000	31.00	47.00	1.00	0.1460
25	52.0	20.60	1.50	63205	-	-	-	63205-2RS	-	-	10584	6860	11500	8300	15000	-	-	-	0.1750
25	62.0	17.00	1.10	6305	6305-Z	6305-2Z	6305-RS	6305-2RS	6305-RZ	6305-2RZ	23600	12100	11000	7500	14000	32.00	55.00	1.00	0.2320
25	62.0	24.00	2.00	62305	-	-	-	62305-2RS	-	-	22500	11600	11000	7500	14000	33.50	55.50	1.00	0.3200
25	80.0	21.00	1.50	6405	-	6405-2Z	-	6405-2RS	-	-	40000	20100	9500	-	11000	35.00	70.00	1.50	0.5280
28	52.0	12.00	0.60	60/28	60/28-Z	60/28-2Z	60/28-RS	60/28-2RS	60/28-RZ	60/28-2RZ	12500	7400	14000	8400	16000	33.00	47.00	0.60	0.0980
28	58.0	16.00	1.00	62/28	62/28-Z	62/28-2Z	62/28-RS	62/28-2RS	62/28-RZ	62/28-2RZ	17900	9750	11000	8200	14000	34.00	52.00	1.00	0.1750
28	68.0	18.00	1.10	63/28	63/28-Z	63/28-2Z	63/28-RS	63/28-2RS	63/28-RZ	63/28-2RZ	26800	14000	10000	7000	12000	35.00	61.00	1.00	0.2870

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.ZZ. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
30	37.0	4.00	0.20	61706	61706-Z	61706-2Z	61706-RS	61706-2RS	61706-RZ	61706-2RZ	2050	1780	17000	10000	20000	31.60	35.40	0.20	0.0080
30	42.0	7.00	0.30	61806	61806-Z	61806-2Z	61806-RS	61806-2RS	61806-RZ	61806-2RZ	4500	3400	15000	9500	17000	32.00	40.00	0.30	0.0260
30	42.0	10.00	0.30	63806	63806-Z	63806-2Z	63806-RS	63806-2RS	63806-RZ	63806-2RZ	4500	3400	15000	9500	17000	32.00	40.00	0.30	0.0260
30	47.0	9.00	0.30	61906	61906-Z	61906-2Z	61906-RS	61906-2RS	61906-RZ	61906-2RZ	7250	5000	14000	9000	16000	32.00	45.00	0.30	0.0450
30	55.0	9.00	0.30	16006	-	16006-2Z	-	16006-2RS	-	-	9950	6550	12000	-	15000	35.00	50.00	0.30	0.0850
30	55.0	13.00	1.00	6006	6006-Z	6006-2Z	6006-RS	6006-2RS	6006-RZ	6006-2RZ	13200	8300	12000	8000	15000	35.00	50.00	1.00	0.1170
30	55.0	19.00	1.50	63006	-	-	-	63006-2RS	-	-	13300	8300	12000	8000	15000	35.50	50.00	1.00	0.1590
30	62.0	16.00	1.00	6206	6206-Z	6206-2Z	6206-RS	6206-2RS	6206-RZ	6206-2RZ	19500	11300	10000	7500	13000	36.00	56.00	1.00	0.1990
30	62.0	20.00	1.50	62206	-	-	-	62206-2RS	-	-	19500	11200	10000	7500	13000	37.00	57.00	1.00	0.2420
30	62.0	23.80	1.50	63206	-	-	-	63206-2RS	-	-	14700	9800	9500	7000	12000	-	-	-	0.2800
30	72.0	19.00	1.10	6306	6306-Z	6306-2Z	6306-RS	6306-2RS	6306-RZ	6306-2RZ	26700	15000	9200	6300	11000	37.00	65.00	1.00	0.3460
30	72.0	27.00	2.00	62306	-	-	-	62306-2RS	-	-	28100	16000	9200	6300	11000	-	-	-	0.4850
30	90.0	23.00	1.50	6406	-	6406-2Z	-	6406-2RS	-	-	43500	23800	8500	-	9500	40.00	80.00	1.50	0.7200
32	58.0	13.00	1.00	60/32	60/32-Z	60/32-2Z	60/32-RS	60/32-2RS	60/32-RZ	60/32-2RZ	15100	9150	12000	7200	15000	38.00	52.00	1.00	0.1290
32	65.0	17.00	1.00	62/32	62/32-Z	62/32-2Z	62/32-RS	62/32-2RS	62/32-RZ	62/32-2RZ	22400	13100	9500	7000	12000	38.00	59.00	1.00	0.2300
32	75.0	20.00	1.10	63/32	62/32-Z	63/32-2Z	63/32-RS	63/32-2RS	63/32-RZ	63/32-2RZ	30000	16200	9000	6200	11000	39.00	68.00	1.00	0.3820
35	44.0	5.00	0.30	61707	61707-Z	61707-2Z	61707-RS	61707-2RS	61707-RZ	61707-2RZ	1862	1637	15000	9500	17000	36.40	42.00	0.30	0.0150
35	47.0	7.00	0.30	61807	61807-Z	61807-2Z	61807-RS	61807-2RS	61807-RZ	61807-2RZ	4900	4000	13000	8000	15000	37.00	45.00	0.30	0.0290
35	55.0	10.00	0.60	61907	61907-Z	61907-2Z	61907-RS	61907-2RS	61907-RZ	61907-2RZ	10400	7150	12000	7500	14000	39.00	51.00	0.60	0.0730
35	62.0	9.00	0.30	16007	-	16007-2Z	-	16007-2RS	-	-	11700	8150	11000	-	13000	40.00	57.00	0.30	0.1100
35	62.0	14.00	1.00	6007	6007-Z	6007-2Z	6007-RS	6007-2RS	6007-RZ	6007-2RZ	16000	10300	11000	7000	13000	40.00	57.00	1.00	0.1560
35	62.0	20.00	1.50	63007	-	-	-	63007-2RS	-	-	15900	10200	11000	7000	13000	40.50	57.00	1.00	0.2100
35	72.0	17.00	1.10	6207	6207-Z	6207-2Z	6207-RS	6207-2RS	6207-RZ	6207-2RZ	25700	15300	9000	6300	11000	42.00	65.00	1.00	0.2880
35	72.0	23.00	2.00	62207	-	-	-	62207-2RS	-	-	25500	15300	9000	6300	11000	43.50	65.50	1.00	0.4350
35	72.0	27.00	2.00	63207	-	-	-	63207-2RS	-	-	19404	12740	8400	6000	10000	-	-	-	0.4350
35	80.0	21.00	1.50	6307	6307-Z	6307-2Z	6307-RS	6307-2RS	6307-RZ	6307-2RZ	33500	19100	8400	6000	10000	44.00	71.00	1.50	0.4570
35	80.0	31.00	2.50	62307	-	-	-	62307-2RS	-	-	33200	19000	8400	6000	10000	44.00	72.00	1.50	0.6700
35	100.0	25.00	1.50	6407	-	6407-2Z	-	6407-2RS	-	-	55000	31000	7000	-	8500	45.00	90.00	1.50	0.9360
40	50.0	6.00	0.30	61708	61708-Z	61708-2Z	61708-RS	61708-2RS	61708-RZ	61708-2RZ	2519	2234	13000	8500	15000	41.30	48.00	0.30	0.0230
40	52.0	7.00	0.30	61808	61808-Z	61808-2Z	61808-RS	61808-2RS	61808-RZ	61808-2RZ	5050	4350	12000	8000	14000	42.00	50.00	0.30	0.0330

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.ZZ. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
40	62.0	12.00	0.60	61908	61908-Z	61908-2Z	61908-RS	61908-2RS	61908-RZ	61908-2RZ	13700	9900	11000	7500	13000	44.00	58.00	0.60	0.1090
40	68.0	9.00	0.30	16008	-	16008-2Z	-	16008-2RS	-	-	11100	8550	9700	-	12000	45.00	63.00	0.30	0.1250
40	68.0	15.00	1.00	6008	6008-Z	6008-2Z	6008-RS	6008-2RS	6008-RZ	6008-2RZ	16800	11500	9500	6500	12000	45.00	63.00	1.00	0.1940
40	68.0	21.00	1.50	63008	-	-	-	63008-2RS	-	-	16800	11600	9000	6300	11000	46.00	63.00	1.00	0.2590
40	80.0	18.00	1.10	6208	6208-Z	6208-2Z	6208-RS	6208-2RS	6208-RZ	6208-2RZ	29100	17900	8200	5600	10000	47.00	73.00	1.00	0.3660
40	80.0	23.00	2.00	62208	-	-	-	62208-2RS	-	-	30700	19000	8200	5600	9500	49.50	73.50	1.00	0.4500
40	80.0	30.20	2.00	63208	-	-	-	63208-2RS	-	-	20580	14210	8000	5100	9200	-	-	-	0.4350
40	90.0	23.00	1.50	6308	6308-Z	6308-2Z	6308-RS	6308-2RS	6308-RZ	6308-2RZ	40500	24100	7500	5000	9000	49.00	81.00	1.50	0.6330
40	90.0	33.00	2.50	62308	-	-	-	62308-2RS	-	-	41000	24000	7500	5000	9000	50.50	82.00	1.50	0.9100
40	110.0	27.00	2.00	6408	-	6408-2Z	-	6408-2RS	-	-	63500	36500	6500	-	8000	51.00	99.00	2.00	1.2000
45	55.0	6.00	0.30	61709	61709-Z	61709-2Z	61709-RS	61709-2RS	61709-RZ	61709-2RZ	2577	2401	12500	8000	14000	47.00	53.00	0.30	0.0250
45	58.0	7.00	0.30	61809	61809-Z	61809-2Z	61809-RS	61809-2RS	61809-RZ	61809-2RZ	6400	5500	11000	7500	13000	47.00	56.00	0.30	0.0400
45	68.0	12.00	0.60	61909	61909-Z	61909-2Z	61909-RS	61909-2RS	61909-RZ	61909-2RZ	14100	10900	10000	7000	12000	49.00	64.00	0.60	0.1220
45	75.0	10.00	0.60	16009	-	16009-2Z	-	16009-2RS	-	-	12900	10500	9000	-	11000	52.00	68.00	0.60	0.1700
45	75.0	16.00	1.00	6009	6009-Z	6009-2Z	6009-RS	6009-2RS	6009-RZ	6009-2RZ	21000	15200	8800	5500	11000	50.00	70.00	1.00	0.2460
45	75.0	23.00	1.50	63009	-	-	-	63009-2RS	-	-	20800	14600	8200	5600	10000	51.00	70.00	1.00	0.3450
45	85.0	19.00	1.10	6209	6209-Z	6209-2Z	6209-RS	6209-2RS	6209-RZ	6209-2RZ	32500	20500	7600	5100	9300	52.00	78.00	1.00	0.4070
45	85.0	23.00	2.00	62209	-	-	-	62209-2RS	-	-	33200	21600	7300	5000	9000	54.00	78.50	1.00	0.4850
45	85.0	30.20	2.00	63209	-	-	-	63209-2RS	-	-	22540	15680	7000	4700	8500	-	-	-	0.6400
45	100.0	25.00	1.50	6309	6309-Z	6309-2Z	6309-RS	6309-2RS	6309-RZ	6309-2RZ	53000	32000	6700	4500	8000	54.00	91.00	1.50	0.8330
45	100.0	36.00	2.50	62309	-	-	-	62309-2RS	-	-	52700	31500	6700	4500	8000	56.50	92.00	1.50	1.1900
45	120.0	29.00	2.00	6409	-	6409-2Z	-	6409-2RS	-	-	77500	45000	6000	-	7200	56.00	109.00	2.00	1.5500
50	62.0	6.00	0.30	61710	61710-Z	61710-2Z	61710-RS	61710-2RS	61710-RZ	61710-2RZ	2666	2636	11000	7500	13000	52.00	59.00	0.30	0.0640
50	65.0	7.00	0.30	61810	61810-Z	61810-2Z	61810-RS	61810-2RS	61810-RZ	61810-2RZ	6600	6050	10000	7000	12000	52.00	63.00	0.30	0.0520
50	72.0	12.00	0.60	61910	61910-Z	61910-2Z	61910-RS	61910-2RS	61910-RZ	61910-2RZ	14500	11700	9500	6500	11000	54.00	68.00	0.60	0.1270
50	80.0	10.00	0.60	16010	-	16010-2Z	-	16010-2RS	-	-	16100	13100	8300	-	10000	57.00	73.00	0.60	0.1800
50	80.0	16.00	1.00	6010	6010-Z	6010-2Z	6010-RS	6010-2RS	6010-RZ	6010-2RZ	21800	16600	8300	5000	10000	55.00	75.00	1.00	0.2640
50	80.0	23.00	1.50	63010	-	-	-	63010-2RS	-	-	21600	16000	8300	5000	10000	56.00	75.00	1.00	0.3700
50	90.0	20.00	1.10	6210	6210-Z	6210-2Z	6210-RS	6210-2RS	6210-RZ	6210-2RZ	35000	23200	7000	4800	8600	57.00	83.00	1.00	0.4630
50	90.0	23.00	2.00	62210	-	-	-	62210-2RS	-	-	35100	23200	7000	4800	8600	58.00	83.50	1.00	0.5350

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.ZZ. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
50	90.0	30.20	2.00	63210	-	-	-	63210-2RS	-	-	24500	18130	6200	4300	7300	-	-	-	0.6750
50	110.0	27.00	2.00	6310	6310-Z	6310-2Z	6310-RS	6310-2RS	6310-RZ	6310-2RZ	62000	38100	6200	4300	7300	60.00	100.00	2.00	1.0700
50	110.0	40.00	2.00	62310	-	-	-	62310-2RS	-	-	61800	38000	6200	4300	7300	63.00	101.00	2.00	1.5500
50	130.0	31.00	2.10	6410	-	6410-2Z	-	6410-2RS	-	-	87500	52000	5500	-	6500	63.00	117.00	2.00	1.9100
55	68.0	7.00	0.30	61711	-	-	-	-	-	-	4850	5060	10700	-	13800	-	-	-	0.0550
55	72.0	9.00	0.30	61811	61811-Z	61811-2Z	61811-RS	61811-2RS	61811-RZ	61811-2RZ	9100	8450	8500	5500	10000	57.00	70.00	0.30	0.0830
55	80.0	13.00	1.00	61911	61911-Z	61911-2Z	61911-RS	61911-2RS	61911-RZ	61911-2RZ	16000	13200	8000	5000	9000	60.00	75.00	1.00	0.1770
55	90.0	11.00	0.60	16011	-	16011-2Z	-	16011-2RS	-	-	15000	13500	7500	-	9000	62.00	83.00	0.60	0.2600
55	90.0	18.00	1.10	6011	6011-Z	6011-2Z	6011-RS	6011-2RS	6011-RZ	6011-2RZ	28300	21300	7500	4600	9000	61.00	84.00	1.00	0.3840
55	100.0	21.00	1.50	6211	6211-Z	6211-2Z	6211-RS	6211-2RS	6211-RZ	6211-2RZ	43500	29300	6300	4400	7700	64.00	91.00	1.50	0.6070
55	100.0	25.00	1.50	62211	-	-	-	62211-2RS	-	-	43600	29000	6000	4300	7000	65.00	92.00	1.50	0.7000
55	120.0	29.00	2.00	6311	6311-Z	6311-2Z	6311-RS	6311-2RS	6311-RZ	6311-2RZ	71500	44500	5600	3800	6600	65.00	110.00	2.00	1.3700
55	120.0	43.00	2.00	62311	-	-	-	62311-2RS	-	-	71500	45000	5600	3800	6600	69.00	111.00	2.00	1.9500
55	140.0	33.00	2.10	6411	-	6411-2Z	-	6412-2RS	-	-	101000	62000	5000	-	6000	68.00	127.00	2.00	2.3200
60	75.0	7.00	0.30	61712	-	-	-	-	-	-	5900	6325	12400	-	10400	-	-	-	0.0700
60	78.0	10.00	0.30	61812	61812-Z	61812-2Z	61812-RS	61812-2RS	61812-RZ	61812-2RZ	11500	10600	8000	5000	9500	62.00	76.00	0.30	0.1060
60	85.0	13.00	1.00	61912	61912-Z	61912-2Z	61912-RS	61912-2RS	61912-RZ	61912-2RZ	19400	16200	7500	4700	9000	65.00	80.00	1.00	0.1910
60	95.0	11.00	0.60	16012	-	16012-2Z	-	16012-2RS	-	-	16200	14300	7000	-	8200	67.00	88.00	0.60	0.2800
60	95.0	18.00	1.10	6012	6012-Z	6012-2Z	6012-RS	6012-2RS	6012-RZ	6012-2RZ	29500	23200	7000	4300	8300	66.00	89.00	1.00	0.4180
60	110.0	22.00	1.50	6212	6212-Z	6212-2Z	6212-RS	6212-2RS	6212-RZ	6212-2RZ	52500	36000	5800	4000	7100	69.00	101.00	1.50	0.7830
60	110.0	28.00	1.50	62212	-	-	-	62212-2RS	-	-	47500	32500	5800	4000	7100	71.00	102.00	1.50	0.9700
60	130.0	31.00	2.00	6312	6312-Z	6312-2Z	6312-RS	6312-2RS	6312-RZ	6312-2RZ	82000	52000	5100	3400	6100	72.00	118.00	2.00	1.7000
60	130.0	46.00	2.00	63212	-	-	-	63212-2RS	-	-	81900	52000	5100	3400	6100	76.00	119.00	2.00	2.5000
60	150.0	35.00	2.10	6412	-	6412-2Z	-	6412-2RS	-	-	109000	70000	4500	-	5500	73.00	137.00	2.00	2.7900
65	85.0	10.00	0.60	61813	61813-Z	61813-2Z	61813-RS	61813-2RS	61813-RZ	61813-2RZ	12000	11500	7500	4700	8500	69.00	81.00	0.60	0.1250
65	90.0	13.00	1.00	61913	61913-Z	61913-2Z	61913-RS	61913-2RS	61913-RZ	61913-2RZ	17400	16000	7000	4500	8500	70.00	85.00	1.00	0.2000
65	100.0	11.00	0.60	16013	-	16013-2Z	-	16013-2RS	-	-	20500	18600	6500	-	7500	72.00	93.00	0.60	0.3000
65	100.0	18.00	1.10	6013	6013-Z	6013-2Z	6013-RS	6013-2RS	6013-RZ	6013-2RZ	30500	25200	6500	4000	7800	71.00	94.00	1.00	0.4380
65	120.0	23.00	1.50	6213	6213-Z	6213-2Z	6213-RS	6213-2RS	6213-RZ	6213-2RZ	57000	40000	5300	3600	6500	74.00	111.00	1.50	0.9900
65	120.0	31.00	1.50	62213	-	-	-	62213-2RS	-	-	55900	40500	5300	3600	6500	79.00	112.00	1.50	1.2500

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.2Z. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
65	140.0	33.00	2.10	6313	6313-Z	6313-2Z	6313-RS	6313-2RS	6313RZ	6313-2RZ	92500	59500	4700	3200	5700	77.00	128.00	2.00	2.0800
65	140.0	48.00	2.00	62313	-	-	-	62313-2RS	-	-	92300	60000	4700	3200	5700	81.00	129.00	2.00	3.0000
65	160.0	37.00	2.10	6413	-	-	-	-	-	-	118000	78500	4500	-	5200	78.00	147.00	2.00	3.3600
70	85.0	7.00	0.30	61714	-	-	-	-	-	-	6100	7015	11700	-	9600	-	-	-	0.0800
70	90.0	10.00	0.60	61814	61814-Z	61814-2Z	61814-RS	61814-2RS	61814-RZ	61814-2RZ	12100	11900	7000	4500	8000	74.00	86.00	0.60	0.1350
70	100.0	16.00	1.00	61914	61914-Z	61914-2Z	61914-RS	61914-2RS	61914-RZ	61914-2RZ	23500	21100	6500	4000	7500	75.00	95.00	1.00	0.3270
70	110.0	13.00	0.60	16014	-	16014-2Z	-	16014-2RS	-	-	26800	23600	6000	-	7000	77.00	103.00	0.60	0.4330
70	110.0	20.00	1.10	6014	6014-Z	6014-2Z	6014-RS	6014-2RS	6014-RZ	6014-2RZ	38000	31000	6000	3700	7100	76.00	104.00	1.00	0.6070
70	125.0	24.00	1.50	6214	6214-Z	6214-2Z	6214-RS	6214-2RS	6214-RZ	6214-2RZ	62000	44000	5000	3400	5900	79.00	116.00	1.50	1.0700
70	125.0	31.00	1.50	62214	-	-	-	62214-2RS	-	-	60500	45000	5000	3400	5900	83.00	117.00	1.50	1.3000
70	150.0	35.00	2.10	6314	6314-Z	6314-2Z	6314-RS	6314-2RS	6314-RZ	6314-2RZ	104000	68000	4400	3000	5300	82.00	138.00	2.00	2.5200
70	150.0	51.00	2.00	62314	-	-	-	62314-2RS	-	-	104000	68000	4400	3000	5300	87.00	139.00	2.00	3.5500
70	180.0	42.00	3.00	6414	-	-	-	-	-	-	145000	105000	4000	-	4500	85.00	165.00	2.50	5.0000
75	95.0	10.00	0.60	61815	61815-Z	61815-2Z	61815-RS	61815-2RS	61815-RZ	61815-2RZ	12500	12800	6500	4000	7500	79.00	91.00	0.60	0.1450
75	105.0	16.00	1.00	61915	61915-Z	61915-2Z	61915-RS	61915-2RS	61915-RZ	61915-2RZ	23800	23800	6200	3800	7200	80.00	100.00	1.00	0.3450
75	115.0	13.00	0.60	16015	-	-	-	-	-	-	27600	25300	5500	-	6500	82.00	108.00	0.60	0.4570
75	115.0	20.00	1.10	6015	6015-Z	6015-2Z	6015-RS	6015-2RS	6015-RZ	6015-2RZ	39500	33500	5700	3400	6700	81.00	109.00	1.00	0.6450
75	130.0	25.00	1.50	6215	6215-Z	6215-2Z	6215-RS	6215-2RS	6215-RZ	6215-2RZ	66000	49500	4800	3200	5600	84.00	121.00	1.50	1.1800
75	160.0	37.00	2.10	6315	6315-Z	6315-2Z	6315-RS	6315-2RS	6315-RZ	6315-2RZ	114000	77000	4100	2800	5000	87.00	148.00	2.00	3.0200
75	190.0	45.00	3.00	6415	-	-	-	-	-	-	154000	115000	3500	-	4300	90.00	175.00	2.50	5.8900
80	95.0	7.00	0.30	61716	-	-	-	-	-	-	6500	7950	11000	-	8900	-	-	-	0.0900
80	100.0	10.00	0.60	61816	61816-Z	61816-2Z	61816-RS	61816-2RS	61816-RZ	61816-2RZ	12700	13300	6000	3700	7000	84.00	96.00	0.60	0.1550
80	110.0	16.00	1.00	61916	61916-Z	61916-2Z	61916-RS	61916-2RS	61916-RZ	61916-2RZ	27600	25300	5500	3500	6500	85.00	105.00	1.00	0.3630
80	125.0	14.00	0.60	16016	-	-	-	-	-	-	32000	29600	5300	-	6200	87.00	118.00	0.60	0.5970
80	125.0	22.00	1.10	6016	6016-Z	6016-2Z	6016-RS	6016-2RS	6016-RZ	6016-2RZ	47500	39500	5300	3300	6200	86.00	119.00	1.00	0.8550
80	140.0	26.00	2.00	6216	6216-Z	6216-2Z	6216-RS	6216-2RS	6216-RZ	6216-2RZ	72500	53000	4500	3000	5200	90.00	130.00	2.00	1.4000
80	170.0	39.00	2.10	6316	6316-Z	6316-2Z	6316-RS	6316-2RS	6316-RZ	6316-2RZ	123000	87000	3800	2700	4500	92.00	158.00	2.00	3.5900
80	200.0	48.00	3.00	6416	-	-	-	-	-	-	163000	125000	3300	-	4000	95.00	185.00	2.50	6.9500
90	110.0	13.00	1.00	61817	61817-Z	61817-2Z	61817-RS	61817-2RS	61817-RZ	61817-2RZ	19300	19800	5500	3500	6500	90.00	105.00	1.00	0.2650
90	120.0	18.00	1.10	61917	61917-Z	61917-2Z	61917-RS	61917-2RS	61917-RZ	61917-2RZ	32000	29600	5200	3200	6300	91.00	113.00	1.00	0.5170

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.ZZ. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
90	130.0	14.00	0.60	16017	-	-	-	-	-	-	31500	29800	5000	-	6000	92.00	123.00	0.60	0.6260
90	130.0	22.00	1.10	6017	6017-Z	6017-2Z	6017-RS	6017-2RS	6017-RZ	6017-2RZ	49500	43000	5000	3000	6000	91.00	124.00	1.00	0.8950
90	150.0	28.00	2.00	6217	6217-Z	6217-2Z	6217-RS	6217-2RS	6217-RZ	6217-2RZ	78000	58000	4200	2800	4900	95.00	140.00	2.00	1.7900
90	180.0	41.00	3.00	6317	6317-Z	6317-2Z	6317-RS	6317-2RS	6317-RZ	6317-2RZ	133000	96500	3600	2600	4300	99.00	166.00	2.50	4.2300
90	210.0	52.00	4.00	6417	-	-	-	-	-	-	165000	128000	3200	-	3800	104.00	191.00	3.00	8.0000
90	110.0	10.00	0.60	61718	-	-	-	-	-	-	10400	12300	10500	-	8200	-	-	-	0.2000
90	115.0	13.00	1.00	61818	61818-Z	61818-2Z	61818-RS	61818-2RS	61818-RZ	61818-2RZ	19000	19700	5300	3300	6200	95.00	110.00	1.00	0.2800
90	125.0	18.00	1.10	61918	61918-Z	61918-2Z	61918-RS	61918-2RS	61918-RZ	61918-2RZ	33000	31500	5000	3000	6000	96.00	119.00	1.00	0.5400
90	140.0	16.00	1.00	16018	-	-	-	-	-	-	41500	39500	4800	-	5600	99.00	131.00	1.00	0.8480
90	140.0	24.00	1.50	6018	6018-Z	6018-2Z	6018-RS	6018-2RS	6018-RZ	6018-2RZ	58000	49500	4700	2800	5600	97.00	133.00	1.50	1.1700
90	160.0	30.00	2.00	6218	6218-Z	6218-2Z	6218-RS	6218-2RS	6218-RZ	6218-2RZ	96000	71500	3900	2600	4600	100.00	150.00	2.00	2.1500
90	190.0	43.00	3.00	6318	6318-Z	6318-2Z	6318-RS	6318-2RS	6318-RZ	6318-2RZ	143000	108000	3400	2400	4000	104.00	176.00	2.50	4.9100
90	225.0	54.00	4.00	6418	-	-	-	-	-	-	184000	149000	3000	-	3600	109.00	206.00	3.00	11.4000
95	120.0	13.00	1.00	61819	61819-Z	61819-2Z	61819-RS	61819-2RS	61819-RZ	61819-2RZ	19300	20500	5000	3000	6000	100.00	115.00	1.00	0.2980
95	130.0	18.00	1.10	61919	61919-Z	61919-2Z	61919-RS	61919-2RS	61919-RZ	61919-2RZ	33500	33500	4700	2800	5500	101.00	124.00	1.00	0.5670
95	145.0	16.00	1.00	16019	-	-	-	-	-	-	41000	39500	4600	-	5300	104.00	136.00	1.00	0.8850
95	145.0	24.00	1.50	6019	6019-Z	6019-2Z	6019-RS	6019-2RS	6019-RZ	6019-2RZ	60500	54000	4500	2700	5300	102.00	138.00	1.50	1.2200
95	170.0	32.00	2.10	6219	6219-Z	6219-2Z	6219-RS	6219-2RS	6219-RZ	6219-2RZ	109000	82000	3700	2400	4300	107.00	158.00	2.00	2.6200
95	200.0	45.00	3.00	6319	6319-Z	6319-2Z	6319-RS	6319-2RS	6319-RZ	6319-2RZ	153000	119000	3200	2200	3800	109.00	186.00	2.50	5.6700
95	240.0	55.00	4.00	6419	-	-	-	-	-	-	186000	154000	2900	-	3500	114.00	221.00	3.00	13.4000
100	125.0	13.00	1.00	61820	61820-Z	61820-2Z	61820-RS	61820-2RS	61820-RZ	61820-2RZ	19600	21200	4600	2700	5500	105.00	120.00	1.00	0.3110
100	140.0	20.00	1.10	61920	61920-Z	61920-2Z	61920-RS	61920-2RS	61920-RZ	61920-2RZ	42500	42000	4400	2600	5300	106.00	134.00	1.00	0.7710
100	150.0	16.00	1.00	16020	-	-	-	-	-	-	37500	38500	4300	-	5000	109.00	141.00	1.00	0.9100
100	150.0	24.00	1.50	6020	6020-Z	6020-2Z	6020-RS	6020-2RS	6020-RZ	6020-2RZ	60000	54000	4200	2500	5000	107.00	143.00	1.50	1.2600
100	180.0	34.00	2.10	6220	6220-Z	6220-2Z	6220-RS	6220-2RS	6220-RZ	6220-2RZ	122000	93000	3500	2300	4100	112.00	168.00	2.00	3.1400
100	215.0	47.00	3.00	6320	6320-Z	6320-2Z	6320-RS	6320-2RS	6320-RZ	6320-2RZ	173000	141000	3000	2100	3600	114.00	201.00	2.50	7.0000
100	250.0	58.00	4.00	6420	-	-	-	-	-	-	205000	175000	2800	-	3400	119.00	231.00	3.00	15.0000
105	130.0	13.00	1.00	61821	-	61821-2Z	-	61821-2RS	-	61821-2RZ	19900	21900	4500	2700	5500	110.00	125.00	1.00	0.3250
105	145.0	20.00	1.10	61921	-	61921-2Z	-	61921-2RS	-	61921-2RZ	42500	42000	4200	2500	5100	111.00	139.00	1.00	0.7930
105	160.0	18.00	1.00	16021	-	-	-	-	-	-	37500	50500	4000	-	4800	114.00	151.00	1.00	1.2000

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.2Z. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
105	160.0	26.00	2.00	6021	6021-Z	6021-2Z	-	6021-2RS	-	6021-2RZ	72500	65500	4000	2400	4800	113.00	152.00	2.00	1.6000
105	190.0	36.00	2.10	6221	6221-Z	6221-2Z	-	6221-2RS	-	6221-2RZ	133000	105000	3200	2100	3900	117.00	178.00	2.00	3.7600
105	225.0	49.00	3.00	6321	6321-Z	6321-2Z	-	6321-2RS	-	6321-2RZ	184000	153000	2800	2000	3400	119.00	211.00	2.50	8.0500
105	260.0	60.00	4.00	6421	-	-	-	-	-	-	207000	179000	2700	-	3200	123.00	242.00	3.00	16.8000
110	140.0	16.00	1.00	61822	-	61822-2Z	-	61822-2RS	-	61822-2RZ	27300	29400	4200	2500	5100	115.00	135.00	1.00	0.5100
110	150.0	20.00	1.10	61922	-	61922-2Z	-	61922-2RS	-	61922-2RZ	43500	44500	4000	2400	5000	116.00	144.00	1.00	0.8300
110	170.0	19.00	1.00	16022	-	-	-	-	-	-	44000	45000	3800	-	4500	119.00	161.00	1.00	1.4600
110	170.0	28.00	2.00	6022	6022-Z	6022-2Z	-	6022-2RS	-	6022-2RZ	84500	73000	3800	2300	4500	118.00	162.00	2.00	1.9700
110	200.0	38.00	2.10	6222	6222-Z	6222-2Z	-	6222-2RS	-	6222-2RZ	144000	117000	3000	2100	3700	122.00	188.00	2.00	4.3600
110	240.0	50.00	3.00	6322	6322-Z	6322-2Z	-	6322-2RS	-	6322-2RZ	205000	179000	2600	1900	3200	124.00	226.00	2.50	9.5400
110	280.0	65.00	4.00	6422	-	-	-	-	-	-	247000	227000	2600	-	3000	128.00	262.00	3.00	21.3000
120	150.0	16.00	1.00	61824	-	61824-2Z	-	61824-2RS	-	61824-2RZ	28300	31500	4000	2400	4800	125.00	145.00	1.00	0.5490
120	165.0	22.00	1.10	61924	-	61924-2Z	-	61924-2RS	-	61924-2RZ	53000	54000	3700	2300	4600	126.00	159.00	1.00	1.1290
120	180.0	19.00	1.00	16024	-	-	-	-	-	-	48000	50000	3500	-	4200	129.00	171.00	1.00	1.8000
120	180.0	28.00	2.00	6024	6024-Z	6024-2Z	-	6024-2RS	-	6024-2RZ	88000	79500	3500	2100	4200	128.00	172.00	2.00	2.6700
120	215.0	40.00	2.10	6224	6224-Z	6224-2Z	-	6224-2RS	-	6224-2RZ	155000	131000	2800	2000	3400	132.00	203.00	2.00	5.1500
120	260.0	55.00	3.00	6324	6324-Z	6324-2Z	-	6324-2RS	-	6324-2RZ	207000	185000	2400	1800	3000	134.00	246.00	2.50	12.4000
120	310.0	72.00	5.00	6424	-	-	-	-	-	-	291000	287000	2300	-	2800	142.00	282.00	4.00	29.0000
130	165.0	18.00	1.10	61826	-	61826-2Z	-	61826-2RS	-	61826-2RZ	37000	41000	3600	2100	4400	136.00	158.00	1.00	0.7900
130	180.0	24.00	1.50	61926	-	61926-2Z	-	61926-2RS	-	61926-2RZ	65000	67000	3400	2000	4200	137.00	173.00	1.50	1.7800
130	200.0	22.00	1.10	16026	-	-	-	-	-	-	55000	59500	3200	-	3600	144.00	186.00	1.00	2.6900
130	200.0	33.00	2.00	6026	6026-Z	6026-2Z	-	6026-2RS	-	6026-2RZ	106000	101000	3200	1900	3800	138.00	192.00	2.00	3.9200
130	230.0	40.00	3.00	6226	6226-Z	6226-2Z	-	6226-2RS	-	6226-2RZ	167000	146000	2600	1750	3200	144.00	216.00	2.50	5.8200
130	280.0	58.00	4.00	6326	6326-Z	6326-2Z	-	6326-2RS	-	6326-2RZ	230000	214000	2200	1650	2800	148.00	262.00	3.00	15.3000
130	340.0	78.00	5.00	6426	-	-	-	-	-	-	300000	298000	2200	-	2500	152.00	318.00	4.00	38.0000
140	175.0	18.00	1.10	61828	-	61828-2Z	-	61828-2RS	-	61828-2RZ	38000	44500	3400	2000	4000	146.00	169.00	1.00	0.8400
140	190.0	24.00	1.50	61928	-	61928-2Z	-	61928-2RS	-	61928-2RZ	66500	71000	3200	1900	3800	147.00	183.00	1.50	1.9000
140	210.0	22.00	1.10	16028	-	-	-	-	-	-	56000	62000	3000	-	3500	154.00	196.00	1.00	2.8600
140	210.0	33.00	2.00	6028	6028-Z	6028-2Z	-	6028-2RS	-	6028-2RZ	110000	109000	3000	1850	3600	148.00	202.00	2.00	4.1500
140	250.0	42.00	3.00	6228	6228-Z	6228-2Z	-	6228-2RS	-	6228-2RZ	166000	150000	2400	1700	2900	154.00	236.00	2.50	7.4700

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.ZZ. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
140	300.0	62.00	4.00	6328	6328-Z	6328-2Z	-	6328-2RS	-	6328-2RZ	253000	246000	2100	1500	2600	158.00	282.00	3.00	18.5000
150	190.0	20.00	1.10	61830	-	61830-2Z	-	61830-2RS	-	61830-2RZ	47500	54500	3100	1900	3500	156.00	184.00	1.00	1.2000
150	210.0	28.00	2.00	61930	-	61930-2Z	-	61930-2RS	-	61930-2RZ	84500	90000	2800	1800	3100	158.00	202.00	2.00	2.6400
150	225.0	24.00	1.10	16030	-	-	-	-	-	-	76500	82500	2600	-	3200	164.00	211.00	1.00	3.5800
150	225.0	35.00	2.10	6030	-	-	-	-	-	-	126000	126000	2600	-	3200	159.00	216.00	2.00	4.8400
150	270.0	45.00	3.00	6230	6230-Z	6230-2Z	-	6230-2RS	-	6230-2RZ	176000	168000	2200	1200	2600	164.00	256.00	2.50	9.4100
150	320.0	65.00	4.00	6330	-	6330-2Z	-	6330-2RS	-	6330-2RZ	275000	284000	2000	1000	2400	168.00	302.00	3.00	26.2000
160	200.0	20.00	1.10	61832	-	61832-2Z	-	-	-	-	48500	56500	2800	-	3100	166.00	194.00	1.00	1.3000
160	220.0	28.00	2.00	61932	-	61932-2Z	-	-	-	-	88500	93000	2600	-	2900	168.00	212.00	2.00	3.0100
160	240.0	25.00	2.10	16032	-	-	-	-	-	-	99000	108000	2600	-	3000	168.50	231.50	1.50	3.6400
160	240.0	38.00	2.10	6032	-	6032-2Z	-	-	-	-	137000	135000	2400	-	3000	169.00	231.00	2.00	5.8900
160	290.0	48.00	3.00	6232	6232-Z	6232-2Z	-	-	-	-	185000	186000	2000	-	2400	174.00	276.00	2.50	14.3000
160	340.0	68.00	4.00	6332	-	-	-	-	-	-	278000	287000	1800	-	2000	178.00	322.00	3.00	28.6000
170	215.0	22.00	1.10	61834	-	61834-2Z	-	-	-	-	60000	70500	2600	-	3000	177.00	208.00	1.00	1.8500
170	230.0	28.00	2.00	61934	-	61934-2Z	-	-	-	-	89000	100000	2400	-	2800	178.00	222.00	2.00	3.1700
170	260.0	28.00	1.50	16034	-	-	-	-	-	-	119000	128000	2400	-	2800	178.50	251.50	1.50	4.9300
170	260.0	42.00	2.10	6034	-	6034-2Z	-	-	-	-	161000	160000	2200	-	2800	179.00	251.00	2.00	7.9200
170	310.0	52.00	4.00	6234	-	6234-2Z	-	-	-	-	212000	224000	1900	-	2300	188.00	292.00	3.00	17.5000
170	360.0	72.00	4.00	6334	-	-	-	-	-	-	325000	355000	1600	-	1900	188.00	342.00	3.00	34.0000
180	225.0	22.00	1.10	61836	-	61836-2Z	-	-	-	-	60500	73000	2400	-	2900	187.00	218.00	1.00	2.0200
180	250.0	33.00	2.00	61936	-	61936-2Z	-	-	-	-	110000	119000	2200	-	2600	188.00	242.00	2.00	4.6800
180	280.0	31.00	2.00	16036	-	-	-	-	-	-	117000	134000	2300	-	2700	190.00	270.00	2.00	6.4900
180	280.0	46.00	2.10	6036	-	6036-2Z	-	-	-	-	180000	184000	2100	-	2600	189.00	271.00	2.00	10.3000
180	320.0	52.00	4.00	6236	-	6236-2Z	-	-	-	-	228000	242000	1800	-	2200	198.00	302.00	3.00	18.3000
180	380.0	75.00	4.00	6336	-	-	-	-	-	-	355000	410000	1500	-	1900	198.00	362.00	3.00	41.9000
190	240.0	24.00	1.50	61838	-	61838-2Z	-	-	-	-	73000	88000	2200	-	2600	198.00	232.00	1.50	2.6000
190	260.0	33.00	2.00	61938	-	61938-2Z	-	-	-	-	108000	123000	2100	-	2500	198.00	252.00	2.00	4.9000
190	290.0	31.00	2.00	16038	-	-	-	-	-	-	134000	156000	2100	-	2500	200.00	280.00	2.00	6.7700
190	290.0	46.00	2.10	6038	-	6038-2Z	-	-	-	-	188000	200000	2000	-	2500	199.00	281.00	2.00	10.8000
190	340.0	55.00	4.00	6238	-	6238-2Z	-	-	-	-	255000	282000	1800	-	2000	208.00	322.00	3.00	23.0000

Main Dimensions(mm)				Model								Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.2Z. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)		
190	400.0	78.00	5.00	6338	-	-	-	-	-	-	355000	415000	1500	-	1800	212.00	378.00	4.00	48.2000	
200	250.0	24.00	1.50	61840	-	61840-2Z	-	-	-	-	74000	91000	2100	-	2500	208.00	242.00	1.50	2.7000	
200	280.0	38.00	2.10	61940	-	61940-2Z	-	-	-	-	143000	158000	2000	-	2500	209.00	271.00	2.00	6.8800	
200	310.0	34.00	2.00	16040	-	-	-	-	-	-	142000	160000	2000	-	2400	209.00	300.00	2.00	8.6800	
200	310.0	51.00	2.10	6040	-	6040-2Z	-	-	-	-	201000	222000	1900	-	2400	209.00	301.00	2.00	13.9000	
200	360.0	58.00	4.00	6240	-	6240-2Z	-	-	-	-	268000	310000	1600	-	1900	218.00	342.00	3.00	28.2000	
200	420.0	80.00	5.00	6340	-	-	-	-	-	-	380000	445000	1300	-	1700	222.00	398.00	4.00	54.6000	
220	270.0	24.00	1.50	61844	-	61844-2Z	-	-	-	-	76500	98000	1900	-	2400	228.00	262.00	1.50	2.9800	
220	300.0	38.00	2.10	61944	-	61944-2Z	-	-	-	-	146000	168000	1800	-	2300	229.00	291.00	2.00	7.4500	
220	340.0	37.00	2.10	16044	-	-	-	-	-	-	181000	216000	1800	-	2200	232.00	328.00	2.00	11.3000	
220	340.0	56.00	3.00	6044	-	6044-2Z	-	-	-	-	235000	270000	1700	-	2200	230.00	330.00	2.50	18.4000	
220	400.0	65.00	4.00	6244	-	-	-	-	-	-	310000	375000	1400	-	1700	238.00	382.00	3.00	37.0000	
220	460.0	88.00	5.00	6344	-	-	-	-	-	-	430000	480000	1300	-	1600	242.00	438.00	4.00	60.8000	
240	300.0	28.00	2.00	61848	-	61848-2Z	-	-	-	-	98500	127000	1800	-	2100	250.00	291.00	2.00	4.6000	
240	320.0	38.00	2.10	61948	-	61948-2Z	-	-	-	-	154000	186000	1700	-	2000	249.00	311.00	2.00	8.0200	
240	360.0	37.00	2.10	16048	-	-	-	-	-	-	178000	217000	1700	-	2000	252.00	348.00	2.00	12.1000	
240	360.0	56.00	3.00	6048	-	-	-	-	-	-	244000	296000	1600	-	1900	250.00	350.00	2.50	19.6000	
240	440.0	72.00	4.00	6248	-	-	-	-	-	-	340000	430000	1200	-	1500	258.00	322.00	3.00	49.9000	
240	500.0	95.00	5.00	6348	-	-	-	-	-	-	470000	625000	1100	-	1300	260.00	480.00	4.00	97.0000	
260	320.0	28.00	2.00	61852	-	-	-	-	-	-	101000	136000	1600	-	2000	269.00	311.00	2.00	4.9500	
260	360.0	46.00	2.10	61952	-	-	-	-	-	-	204000	254000	1500	-	1800	269.00	351.00	2.00	13.4000	
260	400.0	44.00	3.00	16052	-	-	-	-	-	-	227000	299000	1500	-	1800	274.00	386.00	2.50	18.5000	
260	400.0	65.00	4.00	6052	-	-	-	-	-	-	310000	400000	1400	-	1700	272.00	388.00	3.00	29.3000	
260	480.0	80.00	5.00	6252	-	-	-	-	-	-	400000	540000	1100	-	1400	282.00	458.00	4.00	67.5000	
260	540.0	102.00	6.00	6352	-	-	-	-	-	-	505000	710000	1000	-	1200	286.00	514.00	5.00	119.0000	
280	350.0	33.00	2.00	61856	-	-	-	-	-	-	133000	177000	1500	-	1800	290.00	341.00	2.00	7.3500	
280	380.0	46.00	2.10	61956	-	-	-	-	-	-	209000	270000	1400	-	1700	289.00	371.00	2.00	14.3000	
280	420.0	44.00	3.00	16056	-	-	-	-	-	-	232000	315000	1400	-	1600	294.00	406.00	2.50	23.0000	
280	420.0	65.00	4.00	6056	-	-	-	-	-	-	305000	405000	1300	-	1600	293.00	405.00	3.00	31.0000	
280	500.0	80.00	5.00	6256	-	-	-	-	-	-	395000	550000	950	-	1200	302.00	478.00	4.00	71.0000	

Main Dimensions(mm)				Model							Basic Dynamic	Basic Static	Permissible Rotational Speed(rpm)			Assembly Dimensions(mm)			Reference Weight (Kg)
d	D	B	r (Min)	Open type	With dust cover on one side	With dust cover on both sides	With contact seal on one side	With contact seal on both sides	With contact seal on one side	With non-contact seal on both sides	Load Ratings C(N)	Load Ratings Co(N)	Grease Lubrication Open type.Z.2Z. RZ.2RZ	Grease Lubrication RS. 2RS	Oil lubrication Open type.Z	d _a (Min)	D _a (Max)	r _a (Max)	
280	580.0	108.00	6.00	6356	-	-	-	-	-	-	570000	840000	900	-	1100	306.00	554.00	5.00	147.0000
300	380.0	38.00	2.10	61860	-	-	-	-	-	-	166000	219000	1400	-	1600	311.00	369.00	2.00	10.4000
300	420.0	56.00	3.00	61960	-	-	-	-	-	-	269000	370000	1300	-	1500	311.00	409.00	2.50	22.8000
300	460.0	50.00	4.00	16060	-	-	-	-	-	-	292000	410000	1300	-	1500	318.00	442.00	3.00	32.5000
300	460.0	74.00	4.00	6060	-	-	-	-	-	-	355000	490000	1200	-	1500	313.00	447.00	3.00	43.8000
300	540.0	85.00	5.00	6260	-	-	-	-	-	-	460000	670000	850	-	1100	322.00	518.00	4.00	88.6000
320	400.0	38.00	2.10	61864	-	-	-	-	-	-	164000	218000	1300	-	1500	330.00	389.00	2.00	10.9000
460	680.0	100.00	6.00	6092	-	-	-	-	-	-	605000	1080000	710	-	850	486.00	654.00	5.00	123.0000
480	600.0	56.00	3.00	61896	-	-	-	-	-	-	320000	540000	860	-	1000	493.00	587.00	2.50	36.2000
480	650.0	78.00	5.00	61996	-	-	-	-	-	-	430000	770000	810	-	950	500.00	630.00	4.00	73.0000
480	700.0	71.00	5.00	16096	-	-	-	-	-	-	444000	807000	760	-	900	502.00	678.00	4.00	98.5000
480	700.0	100.00	6.00	6096	-	-	-	-	-	-	605000	1090000	710	-	850	506.00	674.00	5.00	127.0000
500	620.0	56.00	3.00	68/500	-	-	-	-	-	-	325000	560000	820	-	970	513.00	607.00	2.50	37.5000
500	670.0	78.00	5.00	69/500	-	-	-	-	-	-	445000	805000	770	-	910	520.00	650.00	4.00	75.5000
500	720.0	71.00	5.00	160/500	-	-	-	-	-	-	455000	846000	730	-	870	522.00	698.00	4.00	102.0000
500	720.0	100.00	6.00	60/500	-	-	-	-	-	-	630000	1170000	670	-	800	526.00	694.00	5.00	131.0000