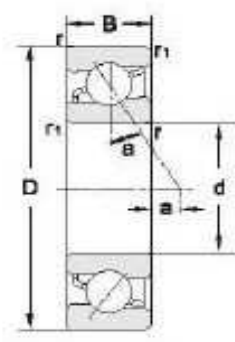
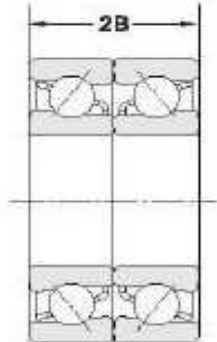


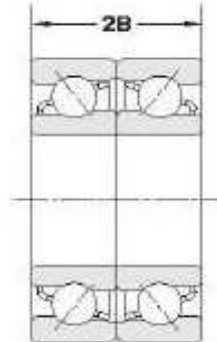
# ROLAMENTO DE ESFERA DE CONTATO ANGULAR



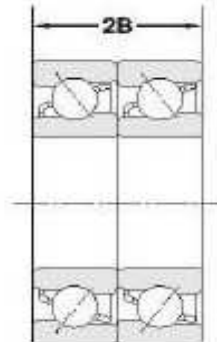
Single-row



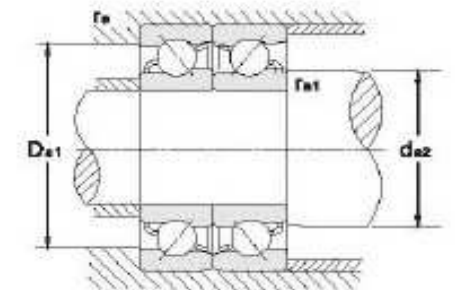
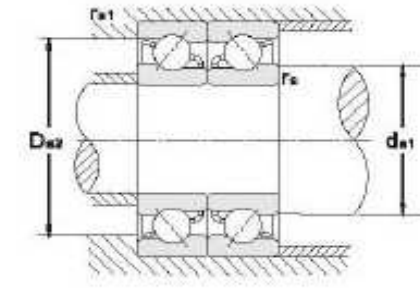
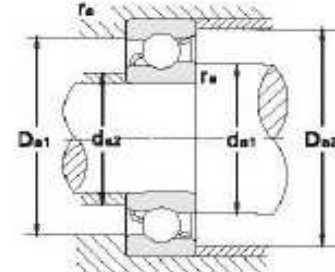
DB(Back to back)



DF(Face to face)



DT(In parallel)



Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic Load Ratings C(N)		Basic Static Load Ratings Co(N)		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference Weigh(Kg)
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Single-row series	Combined series	Single-row series	Combined series	Grease Lubrication Single-row series	Grease Lubrication Combined series	Oil lubrication Single-row series	Grease Lubrication Combined series	d <sub>a1</sub> (Min)	d <sub>a2</sub> (Min)	D <sub>a1</sub> (Max)	D <sub>a2</sub> (Max)	r <sub>a</sub> (Max)	r <sub>a1</sub> (Max)
4	16.0	5.0	0.3	0.15	3.0	734C	734CDB	734CDF	734CDT	1700	3300	660	1800	53000	43000	75000	65000	6.5	-	13.5	-	0.3	0.15	0.005
5	16.0	5.0	0.3	0.15	3.0	725C	725CDB	725CDF	725CDT	1800	3500	760	2100	53000	43000	75000	65000	7.5	-	13.5	-	0.3	0.15	0.005
6	17.0	6.0	0.3	0.15	4.0	706C	706CDB	706CDF	706CDT	2030	3750	795	2400	50000	39000	73000	64000	8.5	-	14.5	-	0.3	0.15	0.006
6	19.0	6.0	0.3	0.15	4.0	726C	726CDB	726CDF	726CDT	2150	3850	1000	2550	48000	37500	71000	61000	8.8	-	16.5	-	0.3	0.15	0.008
7	19.0	6.0	0.3	0.15	5.0	707C	707CDB	707CDF	707CDT	2300	4240	1200	2750	48000	37500	68000	58000	9.5	-	16.5	-	0.3	0.15	0.007
8	22.0	7.0	0.3	0.15	5.0	708C	708CDB	708CDF	708CDT	2600	4550	1540	3040	45000	35000	65000	55000	11.0	-	19.5	-	0.3	0.15	0.015
8	24.0	8.0	0.3	0.15	5.0	728C	728CDB	728CDF	728CDT	2400	4300	1250	2980	47000	36000	66000	56000	10.5	-	21.5	-	0.3	0.15	0.016
9	24.0	7.0	0.3	0.15	5.0	709C	709CDB	709CDF	709CDT	2900	4800	1800	3300	52000	43000	68000	58000	12.5	-	21.0	-	0.3	0.15	0.018
10	22.0	6.0	0.3	0.15	6.7	7900	7900DB	7900DF	7900DT	2880	4700	1450	2900	40000	32000	56000	43000	12.5	-	19.5	20.8	0.3	0.15	0.009
10	22.0	6.0	0.3	0.15	5.1	7900C	7900CDB	7900CDF	7900CDT	3000	4900	1520	3050	48000	38000	63000	53000	12.5	-	19.5	20.8	0.3	0.15	0.009
10	26.0	8.0	0.3	0.15	1.2	7000	7000DB	7000DF	7000DT	5000	8150	2340	4650	23000	19000	31000	26000	12.0	12.0	24.0	25.0	0.3	0.15	0.022
10	26.0	8.0	0.3	0.15	0.8	7000B	7000BDB	7000BDF	7000BDT	4650	7550	2150	4350	25000	20000	33000	27000	12.5	13.0	23.5	24.8	0.3	0.15	0.021
10	26.0	8.0	0.3	0.15	-1.9	7000C	7000CDB	7000CDF	7000CDT	5350	8700	2500	5000	43000	33000	55000	44000	12.0	12.0	24.0	25.0	0.3	0.15	0.022
10	30.0	9.0	0.6	0.30	1.3	7200	7200DB	7200DF	7200DT	5400	8800	2710	5400	22000	18000	30000	24000	15.0	12.0	25.0	27.4	0.6	0.30	0.034
10	30.0	9.0	0.6	0.30	3.9	7200B	7200BDB	7200BDF	7200BDT	5150	8350	2570	5150	19000	16000	28000	22000	15.0	12.0	25.0	27.4	0.6	0.30	0.034
10	30.0	9.0	0.6	0.30	-2.2	7200C	7200CDB	7200CDF	7200CDT	6450	10500	2960	5900	38000	30000	50000	40000	15.0	15.0	25.0	27.4	0.6	0.30	0.034
10	35.0	11.0	0.6	0.30	1.0	7300	7300DB	7300DF	7300DT	9300	15100	4300	8600	20000	16000	26000	21000	15.0	12.0	30.0	32.4	0.6	0.30	0.055
10	35.0	11.0	0.6	0.30	3.9	7300B	7300BDB	7300BDF	7300BDT	8950	14500	4150	8250	18000	14000	24000	19000	15.0	12.0	30.0	32.4	0.6	0.30	0.055
10	35.0	11.0	0.6	0.30	-2.8	7300C	7300CDB	7300CDF	7300CDT	9850	16000	4600	9250	32000	26000	44000	35000	15.0	15.0	30.0	32.4	0.6	0.30	0.055

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Single-row series	Combined series	Single-row series	Combined series	Grease Lubrication Single-row series	Grease Lubrication Combined series	Oil lubrication Single-row series	Grease Lubrication Combined series	d <sub>a1</sub> (Min)	d <sub>a2</sub> (Min)	D <sub>a1</sub> (Max)	D <sub>a2</sub> (Max)	r <sub>a</sub> (Max)	r <sub>a1</sub> (Max)	Single-row series
12	24.0	6.0	0.3	0.15	7.2	7901	7901DB	7901DF	7901DT	3200	5200	1770	3550	38000	30000	53000	43000	14.5	-	21.5	22.8	0.3	0.15	0.011	
12	24.0	6.0	0.3	0.15	5.4	7901C	7901CDB	7901CDF	7901CDT	3350	5450	1860	3700	45000	36000	63000	50000	14.5	-	21.5	22.8	0.3	0.15	0.011	
12	28.0	8.0	0.3	0.15	1.7	7001	7001DB	7001DF	7001DT	5400	8800	2710	5400	22000	18000	29000	23000	14.0	14.0	26.0	27.0	0.3	0.15	0.024	
12	28.0	8.0	0.3	0.15	1.4	7001B	7001BDB	7001BDF	7001BDT	4950	8100	2500	5050	22000	18000	29000	24000	14.5	15.0	25.5	26.8	0.3	0.30	0.024	
12	28.0	8.0	0.3	0.15	-1.7	7001C	7001CDB	7001CDF	7001CDT	5800	9450	2910	5800	38000	30000	50000	40000	14.0	14.0	26.0	27.0	0.3	0.15	0.024	
12	32.0	10.0	0.6	0.30	1.4	7201	7201DB	7201DF	7201DT	7600	12400	3960	7950	20000	16000	27000	22000	17.0	14.0	27.0	29.4	0.6	0.30	0.040	
12	32.0	10.0	0.6	0.30	4.2	7201B	7201BDB	7201BDF	7201BDT	7200	11700	3800	7550	17000	15000	24000	20000	17.0	14.0	27.0	29.4	0.6	0.30	0.040	
12	32.0	10.0	0.6	0.30	-2.5	7201C	7201CDB	7201CDF	7201CDT	7950	13000	3900	7750	34000	26000	45000	36000	17.0	17.0	27.0	29.4	0.6	0.30	0.040	
12	37.0	12.0	1.0	0.60	1.1	7301	7301DB	7301DF	7301DT	11200	18200	5250	10500	18000	15000	24000	20000	18.0	15.0	31.0	33.4	1.0	0.60	0.063	
12	37.0	12.0	1.0	0.60	4.3	7301B	7301BDB	7301BDF	7301BDT	10800	17500	5050	10100	16000	13000	22000	18000	18.0	15.0	31.0	33.4	1.0	0.60	0.063	
12	37.0	12.0	1.0	0.60	-3.1	7301C	7301CDB	7301CDF	7301CDT	10800	17500	4900	9800	30000	24000	40000	32000	18.0	18.0	31.0	33.4	1.0	0.60	0.063	
15	28.0	7.0	0.3	0.15	8.5	7902	7902DB	7902DF	7902DT	4550	7400	2530	5050	32000	26000	43000	34000	17.5	-	25.5	26.8	0.3	0.15	0.015	
15	28.0	7.0	0.3	0.15	6.4	7902C	7902CDB	7902CDF	7902CDT	4750	7750	2640	5300	38000	30000	53000	43000	17.5	-	25.5	26.8	0.3	0.15	0.015	
15	32.0	9.0	0.3	0.15	2.3	7002	7002DB	7002DF	7002DT	6150	9950	3400	6850	18000	15000	24000	20000	17.0	17.0	30.0	31.0	0.3	0.15	0.035	
15	32.0	9.0	0.3	0.15	1.8	7002B	7002BDB	7002BDF	7002BDT	5550	9050	3150	6300	19000	15000	25000	20000	17.5	18.0	29.5	30.8	0.3	0.15	0.035	
15	32.0	9.0	0.3	0.15	-1.8	7002C	7002CDB	7002CDF	7002CDT	6300	10200	3400	6850	32000	24000	43000	34000	17.0	17.0	30.0	31.0	0.3	0.15	0.035	
15	35.0	11.0	0.6	0.30	1.7	7202	7202DB	7202DF	7202DT	9050	14700	4700	9400	17000	14000	23000	19000	20.0	17.0	30.0	32.4	0.6	0.30	0.048	
15	35.0	11.0	0.6	0.30	5.0	7202B	7202BDB	7202BDF	7202BDT	8600	14000	4500	8950	16000	12000	21000	17000	20.0	17.0	30.0	32.4	0.6	0.30	0.048	
15	35.0	11.0	0.6	0.30	-2.6	7202C	7202CDB	7202CDF	7202CDT	8700	14200	4550	9150	30000	23000	40000	32000	20.0	20.0	30.0	32.4	0.6	0.30	0.048	
15	42.0	13.0	1.0	0.60	1.7	7302	7302DB	7302DF	7302DT	13600	22000	7100	14200	16000	13000	21000	17000	21.0	18.0	36.0	38.4	1.0	0.60	0.085	
15	42.0	13.0	1.0	0.60	5.5	7302B	7302BDB	7302BDF	7302BDT	12800	21000	6750	13500	14000	11000	19000	16000	21.0	18.0	36.0	38.4	1.0	0.60	0.085	
15	42.0	13.0	1.0	0.60	-3.1	7302C	7302CDB	7302CDF	7302CDT	13300	21700	6850	13700	26000	20000	34000	27000	21.0	21.0	36.0	38.4	1.0	0.60	0.085	
17	30.0	7.0	0.3	0.15	9.0	7903	7903DB	7903DF	7903DT	4750	7750	2800	5600	30000	24000	40000	32000	19.5	-	27.5	28.8	0.3	0.15	0.017	
17	30.0	7.0	0.3	0.15	6.6	7903C	7903CDB	7903CDF	7903CDT	5000	8150	2940	5850	34000	28000	48000	38000	19.5	-	27.5	28.8	0.3	0.15	0.017	
17	35.0	10.0	0.3	0.15	2.5	7003	7003DB	7003DF	7003DT	6400	10400	3800	7650	17000	13000	22000	18000	19.0	19.0	33.0	34.0	0.3	0.15	0.045	
17	35.0	10.0	0.3	0.15	1.8	7003B	7003BDB	7003BDF	7003BDT	6100	9900	3750	7500	17000	14000	23000	18000	19.2	20.0	32.5	33.8	0.3	0.15	0.045	
17	35.0	10.0	0.3	0.15	-2.0	7003C	7003CDB	7003CDF	7003CDT	6650	10800	3850	7650	28000	22000	38000	30000	19.0	19.0	33.0	34.0	0.3	0.15	0.045	
17	40.0	12.0	0.6	0.30	2.2	7203	7203DB	7203DF	7203DT	11900	19400	6600	13200	16000	13000	21000	17000	22.0	19.0	35.0	37.4	0.6	0.30	0.070	
17	40.0	12.0	0.6	0.30	6.0	7203B	7203BDB	7203BDF	7203BDT	11300	18400	6300	12600	14000	11000	19000	15000	22.0	19.0	35.0	37.4	0.6	0.30	0.070	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Single-row series	Combined series	Single-row series	Combined series	Grease Lubrication Single-row series	Grease Lubrication Combined series	Oil lubrication Single-row series	Grease Lubrication Combined series	d <sub>a1</sub> (Min)	d <sub>a2</sub> (Min)	D <sub>a1</sub> (Max)	D <sub>a2</sub> (Max)	r <sub>a</sub> (Max)	r <sub>a1</sub> (Max)	Single-row series
17	40.0	12.0	0.6	0.30	-2.7		7203C	7203CDB	7203CDF	7203CDT	10900	17800	5900	11800	25000	20000	34000	28000	22.0	22.0	35.0	37.4	0.6	0.30	0.070
17	47.0	14.0	1.0	0.60	2.2	7303	7303DB	7303DF	7303DT	15900	25900	8650	17300	14000	11000	19000	15000	23.0	21.0	41.0	43.4	1.0	0.60	0.120	
17	47.0	14.0	1.0	0.60	6.4	7303B	7303BDB	7303BDF	7303BDT	15200	24700	8250	16500	13000	10000	17000	14000	23.0	21.0	41.0	43.4	1.0	0.60	0.120	
17	47.0	14.0	1.0	0.60	-3.2	7303C	7303CDB	7303CDF	7303CDT	15900	25800	8350	16700	24000	19000	31000	25000	23.0	23.0	41.0	43.4	1.0	0.60	0.120	
20	37.0	9.0	0.3	0.15	11.1	7904	7904DB	7904DF	7904DT	6600	10700	4050	8100	24000	19000	32000	26000	22.5	-	34.5	35.8	0.3	0.15	0.036	
20	37.0	9.0	0.3	0.15	8.3	7904C	7904CDB	7904CDF	7904CDT	6950	11300	4250	8500	28000	11300	38000	32000	22.5	-	34.5	35.8	0.3	0.15	0.036	
20	42.0	12.0	0.6	0.30	2.9	7004	7004DB	7004DF	7004DT	10300	16700	6050	12100	15000	12000	20000	16000	24.0	24.0	38.0	40.0	0.6	0.30	0.079	
20	42.0	12.0	0.6	0.30	1.5	7004B	7004BDB	7004BDF	7004BDT	9350	15200	5550	11100	14000	11000	19000	15000	24.5	25.0	37.5	39.5	0.6	0.30	0.079	
20	42.0	12.0	0.6	0.30	-2.4	7004C	7004CDB	7004CDF	7004CDT	11200	18200	6600	13200	22000	18000	32000	26000	24.0	24.0	38.0	40.0	0.6	0.30	0.079	
20	47.0	14.0	1.0	0.60	2.7	7204	7204DB	7204DF	7204DT	14500	23500	8300	16600	13000	10000	18000	14000	26.0	23.0	41.0	43.4	1.0	0.60	0.110	
20	47.0	14.0	1.0	0.60	7.1	7204B	7204BDB	7204BDF	7204BDT	13700	22300	7850	15700	11000	9500	16000	13000	26.0	23.0	41.0	43.4	1.0	0.60	0.110	
20	47.0	14.0	1.0	0.60	-3.1	7204C	7204CDB	7204CDF	7204CDT	14700	23800	8150	16300	21000	17000	30000	24000	26.0	26.0	41.0	43.4	1.0	0.60	0.110	
20	52.0	15.0	1.1	0.60	2.9	7304	7304DB	7304DF	7304DT	18700	30500	10400	20800	13000	10000	17000	13000	27.0	25.0	45.0	47.0	1.0	0.60	0.150	
20	52.0	15.0	1.1	0.60	7.6	7304B	7304BDB	7304BDF	7304BDT	17800	28900	9900	19800	10000	9000	15000	12000	27.0	25.0	45.0	47.0	1.0	0.60	0.150	
20	52.0	15.0	1.1	0.60	-3.2	7304C	7304CDB	7304CDF	7304CDT	18600	30000	10000	20000	21000	17000	28000	22000	27.0	27.0	45.0	47.0	1.0	0.60	0.150	
20	72.0	19.0	1.1	0.60	3.8	7404	7404DB	7404DF	7404DT	35500	57500	18900	37500	9500	8500	13000	11000	29.0	25.0	63.0	65.6	1.0	0.60	0.465	
20	72.0	19.0	1.1	0.60	29.2	7404B	7404BDB	7404BDF	7404BDT	33500	54400	17900	35900	8500	6400	12000	9600	27.0	-	65.0	67.5	1.0	0.60	0.395	
25	42.0	9.0	0.3	0.15	12.3	7905	7905DB	7905DF	7905DT	7450	12100	5150	10300	20000	16000	28000	22000	27.5	-	39.5	40.8	0.3	0.15	0.043	
25	42.0	9.0	0.3	0.15	9.0	7905C	7905CDB	7905CDF	7905CDT	7850	12700	5400	10800	24000	19000	34000	26000	28.5	-	39.5	40.8	0.3	0.15	0.042	
25	47.0	12.0	0.6	0.30	4.4	7005	7005DB	7005DF	7005DT	11300	18400	7400	14800	13000	10000	17000	13000	29.0	29.0	43.0	45.0	0.6	0.30	0.091	
25	47.0	12.0	0.6	0.30	2.3	7005B	7005BDB	7005BDF	7005BDT	10200	16600	6700	13400	12000	10000	17000	13000	29.5	30.0	42.5	44.5	0.6	0.30	0.091	
25	47.0	12.0	0.6	0.30	-1.8	7005C	7005CDB	7005CDF	7005CDT	12900	21000	8650	17300	19000	15000	28000	22000	29.0	29.0	43.0	45.0	0.6	0.30	0.091	
25	52.0	15.0	1.0	0.60	3.6	7205	7205DB	7205DF	7205DT	16200	26300	10200	20500	12000	9500	15000	12000	31.0	28.0	46.0	48.4	1.0	0.60	0.135	
25	52.0	15.0	1.0	0.60	8.9	7205B	7205BDB	7205BDF	7205BDT	15300	24800	9700	19400	9500	8000	14000	11000	31.0	28.0	46.0	48.4	1.0	0.60	0.135	
25	52.0	15.0	1.0	0.60	-3.1	7205C	7205CDB	7205CDF	7205CDT	16700	27100	10300	20700	18000	15000	26000	20000	31.0	31.0	46.0	48.4	1.0	0.60	0.135	
25	62.0	17.0	1.1	0.60	4.1	7305	7305DB	7305DF	7305DT	26400	43000	15800	31500	10000	8500	14000	11000	32.0	30.0	55.0	57.0	1.0	0.60	0.245	
25	62.0	17.0	1.1	0.60	9.8	7305B	7305BDB	7305BDF	7305BDT	25100	40500	15100	30000	8500	7300	12000	10000	32.0	30.0	55.0	57.0	1.0	0.60	0.245	
25	62.0	17.0	1.1	0.60	-3.4	7305C	7305CDB	7305CDF	7305CDT	26600	43000	15500	31000	17000	13000	23000	18000	32.0	32.0	55.0	57.0	1.0	0.60	0.245	
25	80.0	21.0	1.5	1.00	26.4	7405	7405DB	7405DF	7405DT	39700	64500	23200	46300	8200	6400	11000	9100	33.5	31.0	71.5	74.5	1.5	0.80	0.527	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Single-row series	Combined series	Single-row series	Combined series	Grease Lubrication Single-row series	Grease Lubrication Combined series	Oil lubrication Single-row series	Grease Lubrication Combined series	d <sub>a1</sub> (Min)	d <sub>a2</sub> (Min)	D <sub>a1</sub> (Max)	D <sub>a2</sub> (Max)	r <sub>a</sub> (Max)	r <sub>a1</sub> (Max)	Single-row series
25	80.0	21.0	1.5	1.00	33.6		7405B	7405BDB	7405BDF	7405BDT	36900	60000	21500	43000	7300	5500	10000	8200	33.5	31.0	71.5	74.5	1.5	0.80	0.527
30	47.0	9.0	0.3	0.15	13.5	7906	7906DB	7906DF	7906DT	7850	12800	5950	11900	18000	14000	24000	19000	32.5	-	44.5	45.8	0.3	0.20	0.049	
30	47.0	9.0	0.3	0.15	9.7	7906C	7906CDB	7906CDF	7906CDT	8300	13500	6250	12500	22000	17000	28000	24000	32.5	-	44.5	45.8	0.3	0.20	0.049	
30	55.0	13.0	1.0	0.60	5.8	7006	7006DB	7006DF	7006DT	14500	23600	10100	20300	12000	8500	14000	11000	35.0	35.0	50.0	52.0	1.0	0.60	0.135	
30	55.0	13.0	1.0	0.60	3.2	7006B	7006BDB	7006BDF	7006BDT	13100	21300	9200	18400	11000	8500	14000	11000	35.5	36.0	49.5	50.5	1.0	0.50	0.133	
30	55.0	13.0	1.0	0.60	-1.6	7006C	7006CDB	7006CDF	7006CDT	15300	24800	10300	20600	17000	14000	24000	19000	35.0	35.0	50.0	52.0	1.0	0.60	0.135	
30	62.0	16.0	1.0	0.60	5.3	7206	7206DB	7206DF	7206DT	22500	36500	14700	29500	10000	8000	13000	10000	36.0	33.0	56.0	58.4	1.0	0.60	0.210	
30	62.0	16.0	1.0	0.60	11.3	7206B	7206BDB	7206BDF	7206BDT	21200	34500	13900	27900	8500	7000	12000	9500	36.0	33.0	56.0	58.4	1.0	0.60	0.210	
30	62.0	16.0	1.0	0.60	-2.7	7206C	7206CDB	7206CDF	7206CDT	23200	37500	14900	29700	16000	13000	22000	17000	36.0	36.0	56.0	58.4	1.0	0.60	0.210	
30	72.0	19.0	1.1	0.60	5.2	7306	7306DB	7306DF	7306DT	33500	54500	20900	41500	9000	7000	12000	9500	37.0	35.0	65.0	67.0	1.0	0.60	0.360	
30	72.0	19.0	1.1	0.60	11.9	7306B	7306BDB	7306BDF	7306BDT	32000	52000	19900	39500	7500	6100	10000	8500	37.0	35.0	65.0	67.0	1.0	0.60	0.360	
30	72.0	19.0	1.1	0.60	-3.6	7306C	7306CDB	7306CDF	7306CDT	32500	52500	20400	40500	15000	11000	20000	15000	37.0	37.0	65.0	67.0	1.0	0.60	0.360	
30	90.0	23.0	1.5	1.00	29.3	7406	7406DB	7406DF	7406DT	47600	77300	28400	56900	7300	5700	9700	8100	38.5	36.0	81.5	84.5	1.5	0.80	0.686	
30	90.0	23.0	1.5	1.00	37.3	7406B	7406BDB	7406BDF	7406BDT	44200	71800	26400	52800	6500	4900	8900	7300	38.5	36.0	81.5	84.5	1.5	0.80	0.686	
35	55.0	10.0	0.6	0.30	15.5	7907	7907DB	7907DF	7907DT	11400	18600	8700	17400	15000	12000	20000	17000	40.0	-	50.0	52.5	0.6	0.30	0.074	
35	55.0	10.0	0.6	0.30	11.0	7907C	7907CDB	7907CDF	7907CDT	12100	19600	9150	18300	18000	14000	24000	20000	40.0	-	50.0	52.5	0.6	0.30	0.074	
35	62.0	14.0	1.0	0.60	7.0	7007	7007DB	7007DF	7007DT	17500	28500	12600	25200	9500	7500	13000	10000	40.0	40.0	57.0	59.0	1.0	0.60	0.170	
35	62.0	14.0	1.0	0.60	4.2	7007B	7007BDB	7007BDF	7007BDT	15800	25700	11400	22800	9200	7400	12000	9900	40.5	41.0	56.5	57.5	1.0	0.50	0.170	
35	62.0	14.0	1.0	0.60	-1.4	7007C	7007CDB	7007CDF	7007CDT	19300	31000	13700	27500	15000	13000	20000	17000	40.0	40.0	57.0	59.0	1.0	0.60	0.170	
35	72.0	17.0	1.1	0.60	6.9	7207	7207DB	7207DF	7207DT	29700	48000	20000	40000	8500	7000	11000	9500	42.0	40.0	65.0	67.0	1.0	0.60	0.295	
35	72.0	17.0	1.1	0.60	14.1	7207B	7207BDB	7207BDF	7207BDT	28000	45500	19000	38000	7500	6000	10000	8000	42.0	40.0	65.0	67.0	1.0	0.60	0.295	
35	72.0	17.0	1.1	0.60	-2.8	7207C	7207CDB	7207CDF	7207CDT	30500	49500	20100	40000	13000	11000	18000	15000	42.0	42.0	65.0	67.0	1.0	0.60	0.295	
35	80.0	21.0	1.5	1.00	6.1	7307	7307DB	7307DF	7307DT	40000	65000	26300	52500	8000	6300	10000	8500	44.0	40.0	71.0	74.6	1.5	1.00	0.475	
35	80.0	21.0	1.5	1.00	13.7	7307B	7307BDB	7307BDF	7307BDT	37500	61500	24900	49500	7000	5500	9500	7500	44.0	40.0	71.0	74.6	1.5	1.00	0.475	
35	80.0	21.0	1.5	1.00	-3.9	7307C	7307CDB	7307CDF	7307CDT	40500	66000	26000	52000	13000	10000	17000	14000	44.0	44.0	71.0	74.6	1.5	1.00	0.475	
35	100.0	25.0	1.5	1.00	32.6	7407	7407DB	7407DF	7407DT	60400	98200	37000	73900	6500	5000	8600	7200	43.5	41.0	91.5	94.5	1.5	0.80	0.950	
35	100.0	25.0	1.5	1.00	41.7	7407B	7407BDB	7407BDF	7407BDT	56200	91300	34300	68600	5700	4300	7900	6500	43.5	41.0	91.5	94.5	1.5	0.80	0.950	
40	62.0	12.0	0.6	0.30	17.9	7908	7908DB	7908DF	7908DT	14300	23300	11200	22300	14000	11000	18000	15000	45.0	-	57.0	59.5	0.6	0.30	0.110	
40	62.0	12.0	0.6	0.30	12.8	7908C	7908CDB	7908CDF	7908CDT	15100	24600	11700	23500	16000	13000	22000	18000	45.0	-	57.0	59.5	0.6	0.30	0.109	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication	Grease Lubrication	Oil lubrication	Grease Lubrication	d <sub>a1</sub>	d <sub>a2</sub>	D <sub>a1</sub>	D <sub>a2</sub>	r <sub>a</sub>	r <sub>a1</sub>	Single-row series
					Single-row series						Combined series	Single-row series	Combined series	Single-row series	Combined series	Single-row series	Combined series	(Min)	(Min)	(Max)	(Max)	(Max)	(Max)	(Max)	
40	68.0	15.0	1.0	0.60	8.2	7008	7008DB	7008DF	7008DT	18800	30500	14500	29000	8500	6600	11000	9000	45.0	45.0	63.0	65.0	1.0	0.60	0.210	
40	68.0	15.0	1.0	0.60	3.7	7008B	7008BDB	7008BDF	7008BDT	16800	27400	13200	26400	8300	6600	11000	8900	45.5	45.5	62.5	63.5	1.0	0.50	0.210	
40	68.0	15.0	1.0	0.60	-1.3	7008C	7008CDB	7008CDF	7008CDT	19900	32500	15100	30000	13000	10000	18000	15000	45.0	45.0	63.0	65.0	1.0	0.60	0.210	
40	80.0	18.0	1.1	0.60	8.3	7208	7208DB	7208DF	7208DT	35000	57500	25200	50500	7500	6000	10000	8000	47.0	45.0	73.0	75.0	1.0	0.60	0.380	
40	80.0	18.0	1.1	0.60	16.2	7208B	7208BDB	7208BDF	7208BDT	33000	54000	23700	47500	6700	5300	9200	7200	47.0	45.0	73.0	75.0	1.0	0.60	0.380	
40	80.0	18.0	1.1	0.60	-2.1	7208C	7208CDB	7208CDF	7208CDT	36500	59500	25400	50500	12000	9500	17000	13000	47.0	47.0	73.0	75.0	1.0	0.60	0.380	
40	90.0	23.0	1.5	1.00	7.3	7308	7308DB	7308DF	7308DT	49000	79000	33000	66000	7000	5500	9200	7500	49.0	45.0	81.0	84.6	1.5	1.00	0.655	
40	90.0	23.0	1.5	1.00	15.8	7308B	7308BDB	7308BDF	7308BDT	46000	75000	31000	62500	6300	5000	8500	6700	49.0	45.0	81.0	84.6	1.5	1.00	0.655	
40	90.0	23.0	1.5	1.00	-4.0	7308C	7308CDB	7308CDF	7308CDT	49500	80500	32500	65500	11000	9000	15000	12000	49.0	49.0	81.0	84.6	1.5	1.00	0.655	
40	110.0	27.0	2.0	1.00	35.5	7408	7408DB	7408DF	7408DT	69900	11400	43500	87100	5900	4600	7900	6600	50.0	45.5	100.0	104.5	2.0	1.00	1.230	
40	110.0	27.0	2.0	1.00	45.4	7408B	7408BDB	7408BDF	7408BDT	64900	10500	40400	80800	5200	3900	7200	5900	50.0	45.5	100.0	104.5	2.0	1.00	1.230	
45	68.0	12.0	0.6	0.30	19.2	7909	7909DB	7909DF	7909DT	15100	24600	12700	25400	12000	9500	17000	13000	50.0	-	63.0	65.5	0.6	0.30	0.130	
45	68.0	12.0	0.6	0.30	13.6	7909C	7909CDB	7909CDF	7909CDT	16000	26000	13400	26800	14000	12000	20000	16000	50.0	-	63.0	65.5	0.6	0.30	0.129	
45	75.0	16.0	1.0	0.60	9.3	7009	7009DB	7009DF	7009DT	22200	36000	17600	35000	7500	6000	10000	8000	50.0	50.0	70.0	72.0	1.0	0.60	0.265	
45	75.0	16.0	1.0	0.60	2.9	7009B	7009BDB	7009BDF	7009BDT	20000	36200	16000	35400	7500	6000	10000	8000	50.5	50.5	69.5	70.5	1.0	0.50	0.260	
45	75.0	16.0	1.0	0.60	-1.1	7009C	7009CDB	7009CDF	7009CDT	24600	40000	19400	39000	11000	9500	16000	13000	50.0	50.0	70.0	72.0	1.0	0.60	0.265	
45	85.0	19.0	1.1	0.60	9.3	7209	7209DB	7209DF	7209DT	39500	64500	28800	57500	7000	5500	9200	7500	52.0	50.0	78.0	80.0	1.0	0.60	0.430	
45	85.0	19.0	1.1	0.60	17.8	7209B	7209BDB	7209BDF	7209BDT	37000	60500	27100	54000	6300	5000	8500	6700	52.0	50.0	78.0	80.0	1.0	0.60	0.430	
45	85.0	19.0	1.1	0.60	-2.0	7209C	7209CDB	7209CDF	7209CDT	41000	66500	29000	58000	11000	9000	15000	12000	52.0	52.0	78.0	80.0	1.0	0.60	0.430	
45	100.0	25.0	1.5	1.00	8.4	7309	7309DB	7309DF	7309DT	63500	103000	43500	87000	6300	5000	8500	6700	54.0	50.0	91.0	94.6	1.5	1.00	0.875	
45	100.0	25.0	1.5	1.00	18.0	7309B	7309BDB	7309BDF	7309BDT	60000	97500	41500	82500	5600	4500	7500	6000	54.0	50.0	91.0	94.6	1.5	1.00	0.875	
45	100.0	25.0	1.5	1.00	-4.1	7309C	7309CDB	7309CDF	7309CDT	63500	103000	43500	87000	10000	8000	14000	11000	54.0	54.0	91.0	94.6	1.5	1.00	0.875	
45	120.0	29.0	2.0	1.00	38.6	7409	7409DB	7409DF	7409DT	84900	13800	53800	10800	5400	4200	7100	6000	55.0	50.5	110.0	114.5	2.0	1.00	1.550	
45	120.0	29.0	2.0	1.00	49.5	7409B	7409BDB	7409BDF	7409BDT	78900	12800	50000	10000	4800	3600	6600	5400	55.0	50.5	110.0	114.5	2.0	1.00	1.550	
50	72.0	12.0	0.6	0.30	20.2	7910	7910DB	7910DF	7910DT	15900	25900	14200	28400	11000	9000	15000	12000	55.0	-	67.0	69.5	0.6	0.30	0.132	
50	72.0	12.0	0.6	0.30	14.2	7910C	7910CDB	7910CDF	7910CDT	16900	27400	15000	30000	13000	11000	18000	15000	55.0	-	67.0	69.5	0.6	0.30	0.130	
50	80.0	16.0	1.0	0.60	10.8	7010	7010DB	7010DF	7010DT	23600	38500	20000	40000	7000	5500	9200	7500	55.0	55.0	75.0	77.0	1.0	0.60	0.285	
50	80.0	16.0	1.0	0.60	4.2	7010B	7010BDB	7010BDF	7010BDT	21200	34500	18100	36200	6900	5500	9200	7400	55.5	55.5	74.5	76.0	1.0	0.50	0.290	
50	80.0	16.0	1.0	0.60	-0.5	7010C	7010CDB	7010CDF	7010CDT	26200	42500	22000	44000	10000	9000	15000	12000	55.0	55.0	75.0	77.0	1.0	0.60	0.285	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication Single-row series	Grease Lubrication Combined series	Oil lubrication Single-row series	Grease Lubrication Combined series	d <sub>a1</sub> (Min)	d <sub>a2</sub> (Min)	D <sub>a1</sub> (Max)	D <sub>a2</sub> (Max)	r <sub>a</sub> (Max)	r <sub>a1</sub> (Max)	Single-row series
50	90.0	20.0	1.1	0.60	10.2						7210	7210DB	7210DF	7210DT	41000	67000	31500	63000	6300	5300	8500	6700	57.0	55.0	83.0
50	90.0	20.0	1.1	0.60	19.4	7210B	7210BDB	7210BDF	7210BDT	38500	63000	29600	59000	5600	4500	7500	6000	57.0	55.0	83.0	85.0	1.0	0.60	0.485	
50	90.0	20.0	1.1	0.60	-1.9	7210C	7210CDB	7210CDF	7210CDT	43000	70000	32000	63500	9500	8000	14000	11000	57.0	57.0	83.0	85.0	1.0	0.60	0.485	
50	110.0	27.0	2.0	1.00	9.6	7310	7310DB	7310DF	7310DT	74000	121000	52000	104000	5600	4500	7500	6000	60.0	56.0	100.0	104.0	2.0	1.00	1.140	
50	110.0	27.0	2.0	1.00	20.1	7310B	7310BDB	7310BDF	7310BDT	70000	114000	49500	98500	5000	4000	6700	5300	60.0	56.0	100.0	104.0	2.0	1.00	1.140	
50	110.0	27.0	2.0	1.00	-4.3	7310C	7310CDB	7310CDF	7310CDT	75500	122000	51000	102000	9000	7300	13000	10000	60.0	60.0	100.0	104.0	2.0	1.00	1.140	
50	130.0	31.0	2.1	1.10	41.6	7410	7410DB	7410DF	7410DT	97400	158000	65300	131000	4900	3800	6600	5500	62.0	-	118.0	123.0	2.0	1.00	1.920	
50	130.0	31.0	2.1	1.10	53.5	7410B	7410BDB	7410BDF	7410BDT	90200	147000	60400	121000	4400	3300	6000	4900	63.0	-	118.0	123.0	2.0	1.00	1.920	
55	80.0	13.0	1.0	0.60	22.2	7911	7911DB	7911DF	7911DT	18100	29300	16800	33500	10000	8000	14000	11000	61.0	-	74.0	75.0	1.0	0.50	0.184	
55	80.0	13.0	1.0	0.60	15.5	7911C	7911CDB	7911CDF	7911CDT	19100	31000	17700	35500	12000	9500	16000	13000	61.0	-	74.0	75.0	1.0	0.50	0.182	
55	90.0	18.0	1.1	0.60	11.9	7011	7011DB	7011DF	7011DT	31000	50500	26200	52500	6300	5000	8500	6700	61.0	61.0	84.0	86.0	1.0	0.60	0.420	
55	90.0	18.0	1.1	0.60	5.6	7011B	7011BDB	7011BDF	7011BDT	27900	45400	23700	47500	6200	5000	5300	6600	62.0	62.0	83.0	86.0	1.0	0.60	0.420	
55	90.0	18.0	1.1	0.60	-0.6	7011C	7011CDB	7011CDF	7011CDT	34500	56000	28800	57500	9500	8000	14000	11000	61.0	61.0	84.0	86.0	1.0	0.60	0.420	
55	100.0	21.0	1.5	1.00	11.9	7211	7211DB	7211DF	7211DT	51000	83000	39500	79000	6000	4500	7500	6300	64.0	60.0	91.0	94.6	1.5	1.00	0.635	
55	100.0	21.0	1.5	1.00	22.1	7211B	7211BDB	7211BDF	7211BDT	48000	78000	37500	74500	5300	4000	7000	5500	64.0	60.0	91.0	94.6	1.5	1.00	0.635	
55	100.0	21.0	1.5	1.00	-1.6	7211C	7211CDB	7211CDF	7211CDT	53000	86500	40000	80000	9000	7500	13000	10000	64.0	64.0	91.0	94.6	1.5	1.00	0.635	
55	120.0	29.0	2.0	1.00	10.8	7311	7311DB	7311DF	7311DT	85500	139000	61500	123000	5000	4000	7000	5500	65.0	61.0	110.0	114.0	2.0	1.00	1.450	
55	120.0	29.0	2.0	1.00	22.3	7311B	7311BDB	7311BDF	7311BDT	81000	132000	58000	116000	4500	3500	6200	5000	65.0	61.0	110.0	114.0	2.0	1.00	1.450	
55	120.0	29.0	2.0	1.00	-4.4	7311C	7311CDB	7311CDF	7311CDT	87000	142000	60000	121000	8500	6800	11000	9000	65.0	65.0	110.0	114.0	2.0	1.00	1.450	
55	140.0	33.0	2.1	1.00	45.0	7411	7411DB	7411DF	7411DT	118000	192000	82400	165000	4500	3500	6000	5000	67.0	-	128.0	133.0	2.0	1.00	2.360	
55	140.0	33.0	2.1	1.00	57.8	7411B	7411BDB	7411BDF	7411BDT	110000	179000	76500	153000	4000	3000	5500	4500	67.0	-	128.0	133.0	2.0	1.00	2.360	
60	85.0	13.0	1.0	0.60	23.4	7912	7912DB	7912DF	7912DT	18300	29800	17700	35500	9500	7500	13000	10000	66.0	-	79.0	80.0	1.0	0.50	0.198	
60	85.0	13.0	1.0	0.60	16.2	7912C	7912CDB	7912CDF	7912CDT	19400	31500	18700	37500	11000	9000	15000	12000	66.0	-	79.0	80.0	1.0	0.50	0.195	
60	95.0	18.0	1.1	0.60	13.4	7012	7012DB	7012DF	7012DT	32000	51500	28000	56000	6000	4500	7600	6200	66.0	66.0	89.0	91.0	1.0	0.60	0.450	
60	95.0	18.0	1.1	0.60	6.7	7012B	7012BDB	7012BDF	7012BDT	28600	46400	25300	50700	5800	4600	7700	6200	67.0	67.0	88.0	90.5	1.0	0.60	0.450	
60	95.0	18.0	1.1	0.60	-0.1	7012C	7012CDB	7012CDF	7012CDT	35500	57500	30500	61500	9000	7500	13000	10000	66.0	66.0	89.0	91.0	1.0	0.60	0.450	
60	110.0	22.0	1.5	1.00	13.5	7212	7212DB	7212DF	7212DT	62000	100000	48500	97500	5300	4300	7100	5600	69.0	65.0	101.0	104.6	1.5	1.00	0.820	
60	110.0	22.0	1.5	1.00	24.7	7212B	7212BDB	7212BDF	7212BDT	58000	94000	46000	92000	4800	3800	6300	5000	69.0	65.0	101.0	104.6	1.5	1.00	0.820	
60	110.0	22.0	1.5	1.00	-1.2	7212C	7212CDB	7212CDF	7212CDT	64500	105000	49500	98500	8000	6500	12000	9500	69.0	69.0	101.0	104.6	1.5	1.00	0.820	



Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication	Grease Lubrication	Oil lubrication	Grease Lubrication	d <sub>a1</sub>	d <sub>a2</sub>	D <sub>a1</sub>	D <sub>a2</sub>	r <sub>a</sub>	r <sub>a1</sub>	Single-row series
					Single-row series						Combined series	Single-row series	Combined series	Single-row series	Combined series	Single-row series	Combined series	(Min)	(Min)	(Max)	(Max)	(Max)	(Max)	(Max)	
60	130.0	31.0	2.1	1.10	11.9	7312	7312DB	7312DF	7312DT	98000	159000	71500	148000	4800	3800	6300	5000	72.0	67.0	118.0	123.0	2.0	1.00	1.810	
60	130.0	31.0	2.1	1.10	24.4	7312B	7312BDB	7312BDF	7312BDT	92500	151000	67500	135000	4300	3400	5500	4500	72.0	67.0	118.0	123.0	2.0	1.00	1.810	
60	130.0	31.0	2.1	1.10	-4.5	7312C	7312CDB	7312CDF	7312CDT	99500	162000	70000	1400000	7500	6000	10000	8500	72.0	72.0	118.0	123.0	2.0	1.00	1.810	
60	150.0	35.0	2.1	1.10	48.5	7412	7412DB	7412DF	7412DT	129000	209000	93600	187000	4100	3200	5500	4600	72.0	-	138.0	143.0	2.0	1.00	2.850	
60	150.0	35.0	2.1	1.10	62.6	7412B	7412BDB	7412BDF	7412BDT	119000	194000	86700	173000	3700	2800	5100	4100	73.0	-	138.0	143.0	2.0	1.00	2.850	
65	90.0	13.0	1.0	0.60	24.6	7913	7913DB	7913DF	7913DT	19100	31000	19400	39000	9000	7100	12000	9500	71.0	-	84.0	85.0	1.0	0.50	0.211	
65	90.0	13.0	1.0	0.60	16.9	7913C	7913CDB	7913CDF	7913CDT	20200	33000	20500	41000	10000	8500	14000	12000	71.0	-	84.0	85.0	1.0	0.50	0.208	
65	100.0	18.0	1.1	0.60	14.8	7013	7013DB	7013DF	7013DT	33500	54500	31000	62500	5600	4300	7100	6000	71.0	71.0	94.0	96.0	1.0	0.60	0.470	
65	100.0	18.0	1.1	0.60	7.6	7013B	7013BDB	7013BDF	7013BDT	33700	48900	31400	56600	7200	4300	9500	5800	72.0	72.0	93.0	95.5	1.0	0.60	0.470	
65	100.0	18.0	1.1	0.60	0.5	7013C	7013CDB	7013CDF	7013CDT	37500	60500	34500	69000	8500	7100	12000	9500	71.0	71.0	94.0	96.0	1.0	0.60	0.470	
65	120.0	23.0	1.5	1.00	15.2	7213	7213DB	7213DF	7213DT	70000	114000	57800	116000	4900	3900	6500	5300	74.0	70.0	111.0	114.6	1.5	1.00	1.020	
65	120.0	23.0	1.5	1.00	27.4	7213B	7213BDB	7213BDF	7213BDT	66000	107000	54500	109000	4300	3400	5600	5600	74.0	70.0	111.0	114.6	1.5	1.00	1.020	
65	120.0	23.0	1.5	1.00	-0.8	7213C	7213CDB	7213CDF	7213CDT	73500	120000	59000	118000	8000	6500	11000	8500	74.0	74.0	111.0	114.6	1.5	1.00	1.020	
65	140.0	33.0	2.1	1.10	13.1	7313	7313DB	7313DF	7313DT	111000	180000	82000	165000	4400	3600	5800	4700	77.0	72.0	128.0	133.0	2.0	1.00	2.220	
65	140.0	33.0	2.1	1.10	26.6	7313B	7313BDB	7313BDF	7313BDT	105000	170000	77500	155000	4000	3200	5300	4200	77.0	72.0	128.0	133.0	2.0	1.00	2.220	
65	140.0	33.0	2.1	1.10	-4.7	7313C	7313CDB	7313CDF	7313CDT	113000	183000	81000	162000	7200	5700	9600	7700	77.0	77.0	128.0	133.0	2.0	1.00	2.220	
65	160.0	37.0	2.1	1.10	51.4	7413	7413DB	7413DF	7413DT	139000	226000	104000	209000	3900	3000	5200	4300	77.0	-	148.0	153.0	2.0	1.00	3.410	
65	160.0	37.0	2.1	1.10	66.3	7413B	7413BDB	7413BDF	7413BDT	129000	209000	96800	194000	3500	2600	4800	3900	77.0	-	148.0	153.0	2.0	1.00	3.410	
70	100.0	16.0	1.0	0.60	27.8	7914	7914DB	7914DF	7914DT	26500	43000	26300	52500	8000	6300	11000	9000	76.0	-	94.0	95.0	1.0	0.50	0.341	
70	100.0	16.0	1.0	0.60	19.4	7914C	7914CDB	7914CDF	7914CDT	28100	45500	27800	55500	9500	7500	13000	11000	76.0	-	94.0	95.0	1.0	0.50	0.338	
70	110.0	20.0	1.1	0.60	16.0	7014	7014DB	7014DF	7014DT	42500	69000	39500	78500	5000	4000	6600	5300	76.0	76.0	104.0	106.0	1.0	0.60	0.660	
70	110.0	20.0	1.1	0.60	7.6	7014B	7014BDB	7014BDF	7014BDT	38300	62100	35500	71100	5000	4000	6600	5300	77.0	77.0	103.0	103.0	1.0	0.60	0.660	
70	110.0	20.0	1.1	0.60	0.4	7014C	7014CDB	7014CDF	7014CDT	47000	76500	43000	86500	7800	6700	11000	9000	76.0	76.0	104.0	106.0	1.0	0.60	0.660	
70	125.0	24.0	1.5	1.00	16.1	7214	7214DB	7214DF	7214DT	76500	124000	63500	127000	4500	3800	6300	5000	79.0	75.0	116.0	119.6	1.5	1.00	1.120	
70	125.0	24.0	1.5	1.00	29.0	7214B	7214BDB	7214BDF	7214BDT	71500	116000	59500	120000	4300	3200	5600	4500	79.0	75.0	116.0	119.6	1.5	1.00	1.120	
70	125.0	24.0	1.5	1.00	-0.7	7214C	7214CDB	7214CDF	7214CDT	80000	130000	65000	130000	7500	6000	10000	8000	79.0	79.0	116.0	119.6	1.5	1.00	1.120	
70	150.0	35.0	2.1	1.10	14.3	7314	7314DB	7314DF	7314DT	125000	203000	94000	188000	4000	3200	5300	4300	82.0	77.0	138.0	143.0	2.0	1.00	2.700	
70	150.0	35.0	2.1	1.10	28.7	7314B	7314BDB	7314BDF	7314BDT	118000	191000	88500	177000	3600	2900	4800	3900	82.0	77.0	138.0	143.0	2.0	1.00	2.700	
70	150.0	35.0	2.1	1.10	-4.8	7314C	7314CDB	7314CDF	7314CDT	127000	206000	92500	185000	6800	5400	9000	7200	82.0	82.0	138.0	143.0	2.0	1.00	2.700	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication	Grease Lubrication	Oil lubrication	Grease Lubrication	d <sub>a1</sub>	d <sub>a2</sub>	D <sub>a1</sub>	D <sub>a2</sub>	r <sub>a</sub>	r <sub>a1</sub>	Single-row series
					Single-row series						Combined series	Single-row series	Combined series	Single-row series	Combined series	Single-row series	Combined series	(Min)	(Min)	(Max)	(Max)	(Max)	(Max)	(Max)	
70	180.0	42.0	3.0	1.10	57.6	7414	7414DB	7414DF	7414DT	149000	242000	115000	230000	3500	2700	4600	3900	84.0	-	166.0	173.0	2.5	1.00	4.990	
70	180.0	42.0	3.0	1.10	74.2	7414B	7414BDB	7414BDF	7414BDT	148000	241000	119000	237000	3100	2300	4300	3800	84.0	-	166.0	173.0	2.5	1.00	4.990	
75	105.0	16.0	1.0	0.60	29.0	7915	7915DB	7915DF	7915DT	26900	44000	27700	55500	7500	6000	10000	8500	81.0	-	99.0	100.0	1.0	0.50	0.355	
75	105.0	16.0	1.0	0.60	21.1	7915C	7915CDB	7915CDF	7915CDT	28600	46500	29300	58500	9000	7100	12000	10000	81.0	-	99.0	100.0	1.0	0.50	0.358	
75	115.0	20.0	1.1	0.60	17.4	7015	7015DB	7015DF	7015DT	43500	70500	41500	83000	4800	3800	6300	5000	81.0	81.0	109.0	111.0	1.0	0.60	0.695	
75	115.0	20.0	1.1	0.60	9.8	7015B	7015BDB	7015BDF	7015BDT	39100	63500	37600	75200	4700	3800	6300	5000	82.0	82.0	108.0	110.5	1.0	0.60	0.690	
75	115.0	20.0	1.1	0.60	1.0	7015C	7015CDB	7015CDF	7015CDT	48500	78500	46000	92000	7300	5900	10000	8500	81.0	81.0	109.0	111.0	1.0	0.60	0.695	
75	130.0	25.0	1.5	1.00	17.1	7215	7215DB	7215DF	7215DT	79000	129000	68500	137000	4300	3400	5800	4700	84.0	80.0	121.0	124.6	1.5	1.00	1.230	
75	130.0	25.0	1.5	1.00	30.6	7215B	7215BDB	7215BDF	7215BDT	74000	120000	64000	128000	4000	3200	5300	4300	84.0	80.0	121.0	124.6	1.5	1.00	1.230	
75	130.0	25.0	1.5	1.00	-0.7	7215C	7215CDB	7215CDF	7215CDT	83500	135000	70000	141000	7000	5600	9500	7500	84.0	84.0	121.0	124.6	1.5	1.00	1.230	
75	160.0	37.0	2.1	1.10	15.4	7315	7315DB	7315DF	7315DT	136000	221000	106000	212000	3800	3000	5000	4000	87.0	82.0	148.0	153.0	2.0	1.00	3.150	
75	160.0	37.0	2.1	1.10	30.9	7315B	7315BDB	7315BDF	7315BDT	128000	208000	100000	200000	3400	2700	4500	3600	87.0	82.0	148.0	153.0	2.0	1.00	3.150	
75	160.0	37.0	2.1	1.10	-4.9	7315C	7315CDB	7315CDF	7315CDT	138000	225000	104000	209000	6300	5000	8500	6700	87.0	87.0	148.0	153.0	2.0	1.00	3.150	
75	190.0	45.0	3.0	1.10	61.3	7415	7415DB	7415DF	7415DT	171000	278000	141000	282000	3300	2500	4400	3600	89.0	-	176.0	183.0	2.5	1.00	5.900	
75	190.0	45.0	3.0	1.10	78.9	7415B	7415BDB	7415BDF	7415BDT	158000	257000	131000	261000	2900	2200	4000	3300	90.0	-	176.0	183.0	2.5	1.00	5.900	
80	110.0	16.0	1.0	0.60	30.2	7916	7916DB	7916DF	7916DT	27300	44500	29000	58000	7100	5600	10000	8000	86.0	-	104.0	105.0	1.0	0.50	0.381	
80	110.0	16.0	1.0	0.60	20.7	7916C	7916CDB	7916CDF	7916CDT	29000	47000	30500	61500	8500	6700	12000	9500	86.0	-	104.0	105.0	1.0	0.50	0.377	
80	125.0	22.0	1.1	0.60	18.6	7016	7016DB	7016DF	7016DT	53500	86500	50500	101000	4400	3500	5800	4600	86.0	86.0	119.0	121.0	1.0	0.60	0.925	
80	125.0	22.0	1.1	0.60	12.2	7016B	7016BDB	7016BDF	7016BDT	47800	77700	45700	91300	4300	3500	5800	4600	87.0	87.0	118.0	120.5	1.0	0.60	0.930	
80	125.0	22.0	1.1	0.60	0.8	7016C	7016CDB	7016CDF	7016CDT	59000	96000	55500	111000	6800	5500	9300	7400	86.0	86.0	119.0	121.0	1.0	0.60	0.925	
80	140.0	26.0	2.0	1.00	18.8	7216	7216DB	7216DF	7216DT	89000	145000	76500	153000	4000	3200	5400	4300	90.0	86.0	130.0	134.0	2.0	1.00	1.500	
80	140.0	26.0	2.0	1.00	33.2	7216B	7216BDB	7216BDF	7216BDT	83500	135000	71500	143000	3600	2800	5000	4000	90.0	86.0	130.0	134.0	2.0	1.00	1.500	
80	140.0	26.0	2.0	1.00	-0.3	7216C	7216CDB	7216CDF	7216CDT	93500	152000	78000	156000	6700	5300	9000	7300	90.0	90.0	130.0	134.0	2.0	1.00	1.500	
80	170.0	39.0	2.1	1.10	16.6	7316	7316DB	7316DF	7316DT	147000	239000	119000	238000	3600	2800	4800	3800	92.0	87.0	158.0	163.0	2.0	1.00	4.180	
80	170.0	39.0	2.1	1.10	33.0	7316B	7316BDB	7316BDF	7316BDT	139000	226000	112000	225000	3200	2500	4200	3400	92.0	87.0	158.0	163.0	2.0	1.00	4.180	
80	170.0	39.0	2.1	1.10	-5.1	7316C	7316CDB	7316CDF	7316CDT	150000	243000	117000	235000	6000	4700	8000	6300	92.0	92.0	18.0	163.0	2.0	1.00	4.180	
80	200.0	48.0	3.0	1.10	65.0	7416	7416DB	7416DF	7416DT	193000	313000	166000	332000	3100	2400	4100	3400	94.0	-	186.0	193.0	2.5	1.00	6.000	
80	200.0	48.0	3.0	1.10	83.6	7416B	7416BDB	7416BDF	7416BDT	179000	290000	154000	307000	2700	2100	3800	3100	94.0	-	186.0	193.0	2.5	1.00	6.000	
85	120.0	18.0	1.1	0.60	32.9	7917	7917DB	7917DF	7917DT	36500	59500	38500	77000	6700	5300	9000	7500	92.0	-	113.0	115.0	1.0	0.60	0.541	



Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication	Grease Lubrication	Oil lubrication	Grease Lubrication	d <sub>a1</sub>	d <sub>a2</sub>	D <sub>a1</sub>	D <sub>a2</sub>	r <sub>a</sub>	r <sub>a1</sub>	Single-row series
					Single-row series						Combined series	Single-row series	Combined series	Single-row series	Combined series	Single-row series	Combined series	(Min)	(Min)	(Max)	(Max)	(Max)	(Max)	(Max)	
85	120.0	18.0	1.1	0.60	22.7	7917C	7917CDB	7917CDF	7917CDT	39000	63000	40500	81500	8000	6300	11000	9000	92.0	-	113.0	115.0	1.0	0.60	0.534	
85	130.0	22.0	1.1	0.60	20.0	7017	7017DB	7017DF	7017DT	54500	88500	53500	107000	4100	3300	5500	4400	91.0	91.0	124.0	126.0	1.0	0.60	0.960	
85	130.0	22.0	1.1	0.60	12.5	7017B	7017BDB	7017BDF	7017BDT	48800	79300	48400	96700	4100	3300	5500	4400	92.0	92.0	123.0	125.5	1.0	0.60	0.970	
85	130.0	22.0	1.1	0.60	1.4	7017C	7017CDB	7017CDF	7017CDT	60500	98500	59000	118000	6600	5400	9100	7700	91.0	91.0	124.0	126.0	1.0	0.60	0.960	
85	150.0	28.0	2.0	1.00	19.9	7217	7217DB	7217DF	7217DT	91500	149000	78000	156000	3800	3000	5000	4000	95.0	91.0	140.0	144.0	2.0	1.00	1.870	
85	150.0	28.0	2.0	1.00	35.4	7217B	7217BDB	7217BDF	7217BDT	85500	139000	73000	1460000	3400	2600	4500	3800	95.0	91.0	140.0	144.0	2.0	1.00	1.870	
85	150.0	28.0	2.0	1.00	-0.4	7217C	7217CDB	7217CDF	7217CDT	100000	163000	85000	170000	6300	5000	8500	6700	95.0	95.0	140.0	144.0	2.0	1.00	1.870	
85	180.0	41.0	3.0	1.10	17.7	7317	7317DB	7317DF	7317DT	159000	258000	133000	266000	3400	2600	4500	3600	99.0	92.0	166.0	173.0	2.5	1.00	4.900	
85	180.0	41.0	3.0	1.10	35.2	7317B	7317BDB	7317BDF	7317BDT	150000	244000	125000	251000	3000	2400	4000	3200	99.0	92.0	166.0	173.0	2.5	1.00	4.900	
85	180.0	41.0	3.0	1.10	-5.2	7317C	7317CDB	7317CDF	7317CDT	162000	263000	131000	262000	5500	4500	7400	6000	99.0	99.0	166.0	173.0	2.5	1.00	4.900	
85	210.0	52.0	4.0	1.50	68.7	7417	7417DB	7417DF	7417DT	204000	331000	180000	360000	3000	2300	3900	3300	103.0	-	192.0	201.5	3.0	1.50	8.540	
85	210.0	52.0	4.0	1.50	88.1	7417B	7417BDB	7417BDF	7417BDT	189000	307000	167000	334000	2600	2000	3600	3000	103.0	-	192.0	201.5	3.0	1.50	8.540	
90	125.0	18.0	1.1	0.60	34.1	7918	7918DB	7918DF	7918DT	39500	64000	43500	87000	6300	5000	8500	7100	97.0	-	118.0	120.0	1.0	0.60	0.560	
90	125.0	18.0	1.1	0.60	23.4	7918C	7918CDB	7918CDF	7918CDT	41500	67500	46000	92000	7500	6000	10000	8500	97.0	-	118.0	120.0	1.0	0.60	0.568	
90	140.0	24.0	1.5	1.00	21.2	7018	7018DB	7018DF	7018DT	65000	106000	63000	126000	3800	3200	5200	4200	97.0	97.0	133.0	135.6	1.5	1.00	1.260	
90	140.0	24.0	1.5	1.00	12.4	7018B	7018BDB	7018BDF	7018BDT	58400	94900	57100	114000	3900	3100	5100	4100	98.5	98.5	131.5	134.5	1.5	0.80	1.260	
90	140.0	24.0	1.5	1.00	1.3	7018C	7018CDB	7018CDF	7018CDT	72000	117000	69500	139000	6300	5000	8500	7000	97.0	97.0	133.0	135.6	1.5	1.00	1.260	
90	160.0	30.0	2.0	1.00	21.1	7218	7218DB	7218DF	7218DT	118000	191000	103000	206000	3500	2800	4700	3700	100.0	96.0	150.0	154.0	2.0	1.00	2.300	
90	160.0	30.0	2.0	1.00	37.5	7218B	7218BDB	7218BDF	7218BDT	110000	179000	97000	194000	3200	2500	4300	3400	100.0	96.0	150.0	154.0	2.0	1.00	2.300	
90	160.0	30.0	2.0	1.00	-0.6	7218C	7218CDB	7218CDF	7218CDT	124000	201000	105000	211000	5600	4700	7800	6200	100.0	100.0	150.0	154.0	2.0	1.00	2.300	
90	190.0	43.0	3.0	1.10	18.9	7318	7318DB	7318DF	7318DT	171000	277000	147000	295000	3200	2600	4300	3400	104.0	97.0	176.0	183.0	2.5	1.00	5.760	
90	190.0	43.0	3.0	1.10	37.3	7318B	7318BDB	7318BDF	7318BDT	161000	262000	139000	278000	2800	2300	3800	3000	104.0	97.0	176.0	183.0	2.5	1.00	5.760	
90	190.0	43.0	3.0	1.10	-5.3	7318C	7318CDB	7318CDF	7318CDT	174000	282000	146000	291000	5000	4000	7100	5600	104.0	104.0	176.0	183.0	2.5	1.00	5.760	
90	225.0	54.0	4.0	1.50	72.5	7418	7418DB	7418DF	7418DT	216000	351000	196000	393000	2800	2100	3700	3100	108.0	-	207.0	216.5	3.0	1.50	11.400	
90	225.0	54.0	4.0	1.50	93.1	7418B	7418BDB	7418BDF	7418BDT	200000	325000	182000	364000	2500	1800	3400	2800	108.0	-	207.0	216.5	3.0	1.50	11.400	
95	130.0	18.0	1.1	0.60	35.2	7919	7919DB	7919DF	7919DT	40000	64500	45500	91000	6000	4800	8500	6700	102.0	-	123.0	125.0	1.0	0.60	0.603	
95	130.0	18.0	1.1	0.60	24.1	7919C	7919CDB	7919CDF	7919CDT	42500	68500	48000	96000	7100	5600	10000	8000	102.0	-	123.0	125.0	1.0	0.60	0.597	
95	145.0	24.0	1.5	1.00	22.6	7019	7019DB	7019DF	7019DT	67000	109000	66500	133000	3800	3100	5200	4200	102.0	102.0	138.0	140.6	1.5	1.00	1.360	
95	145.0	24.0	1.5	1.00	16.8	7019B	7019BDB	7019BDF	7019BDT	59600	96800	60500	121000	3600	2900	4800	3900	103.5	103.5	136.5	139.5	1.5	0.80	1.320	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication	Grease Lubrication	Oil lubrication	Grease Lubrication	d <sub>a1</sub>	d <sub>a2</sub>	D <sub>a1</sub>	D <sub>a2</sub>	r <sub>a</sub>	r <sub>a1</sub>	Single-row series
					Single-row series						Combined series	Single-row series	Combined series	Single-row series	Combined series	Single-row series	Combined series	(Min)	(Min)	(Max)	(Max)	(Max)	(Max)	(Max)	
95	145.0	24.0	1.5	1.00	1.9	7019C	7019CDB	7019CDF	7019CDT	74000	120000	43500	147000	5700	4600	7800	6500	102.0	102.0	138.0	140.6	1.5	1.00	1.360	
95	170.0	32.0	2.1	1.10	22.2	7219	7219DB	7219DF	7219DT	126000	205000	112000	225000	3400	2600	4500	3600	107.0	102.0	158.0	163.0	2.0	1.00	2.780	
95	170.0	32.0	2.1	1.10	39.7	7219B	7219BDB	7219BDF	7219BDT	118000	192000	105000	210000	3000	2400	4000	3200	107.0	102.0	158.0	163.0	2.0	1.00	2.780	
95	170.0	32.0	2.1	1.10	-0.7	7219C	7219CDB	7219CDF	7219CDT	132000	215000	115000	230000	5600	4300	7500	6000	107.0	107.0	158.0	163.0	2.0	1.00	2.780	
95	200.0	45.0	3.0	1.10	20.1	7319	7319DB	7319DF	7319DT	183000	297000	163000	325000	3000	2400	4000	3200	109.0	102.0	186.0	193.0	2.5	1.00	6.680	
95	200.0	45.0	3.0	1.10	39.5	7319B	7319BDB	7319BDF	7319BDT	172000	280000	153000	305000	2500	2200	3600	3000	109.0	102.0	186.0	193.0	2.5	1.00	6.680	
95	200.0	45.0	3.0	1.10	-5.5	7319C	7319CDB	7319CDF	7319CDT	186000	300000	161000	320000	5000	4000	6700	5400	109.0	109.0	186.0	193.0	2.5	1.00	6.680	
100	140.0	20.0	1.1	0.60	38.0	7920	7920DB	7920DF	7920DT	47500	77000	51500	103000	5600	4500	8000	6300	107.0	-	133.0	135.0	1.0	0.60	0.808	
100	140.0	20.0	1.1	0.60	26.1	7920C	7920CDB	7920CDF	7920CDT	50000	81500	54000	108000	6700	5300	9000	7500	107.0	-	133.0	135.0	1.0	0.60	0.800	
100	150.0	24.0	1.5	1.00	24.1	7020	7020DB	7020DF	7020DT	68000	111000	70500	141000	3600	2800	4800	3800	107.0	107.0	143.0	145.6	1.5	1.00	1.370	
100	150.0	24.0	1.5	1.00	16.5	7020B	7020BDB	7020BDF	7020BDT	61200	99400	63600	127000	3500	2800	4700	3800	108.5	108.5	141.5	144.5	1.5	0.80	1.370	
100	150.0	24.0	1.5	1.00	2.4	7020C	7020CDB	7020CDF	7020CDT	76000	123000	77500	156000	5600	4500	7500	6300	107.0	107.0	143.0	145.6	1.5	1.00	1.370	
100	180.0	34.0	2.1	1.10	23.4	7220	7220DB	7220DF	7220DT	144000	234000	126000	251000	3200	2400	4200	3400	112.0	107.0	168.0	173.0	2.0	1.00	3.320	
100	180.0	34.0	2.1	1.10	41.8	7220B	7220BDB	7220BDF	7220BDT	135000	219000	1100000	221000	2800	2200	3700	3000	112.0	107.0	168.0	173.0	2.0	1.00	3.320	
100	180.0	34.0	2.1	1.10	-0.8	7220C	7220CDB	7220CDF	7220CDT	150000	244000	128000	255000	5300	4200	7000	5600	112.0	112.0	168.0	173.0	2.0	1.00	3.320	
100	215.0	47.0	3.0	1.10	22.0	7320	7320DB	7320DF	7320DT	207000	335000	190000	380000	2800	2200	3800	3000	114.0	107.0	201.0	208.0	2.5	1.00	8.180	
100	215.0	47.0	3.0	1.10	42.7	7320B	7320BDB	7320BDF	7320BDT	196000	320000	180000	360000	2400	2000	3300	2800	114.0	107.0	201.0	208.0	2.5	1.00	8.180	
100	215.0	47.0	3.0	1.10	-5.3	7320C	7320CDB	7320CDF	7320CDT	211000	340000	194000	385000	4500	3500	6400	5000	114.0	114.0	201.0	208.0	2.5	1.00	8.180	
105	145.0	20.0	1.1	0.60	39.2	7921	7921DB	7921DF	7921DT	48000	78500	54000	108000	5600	4300	7500	6000	112.0	-	138.0	140.0	1.0	0.60	0.820	
105	145.0	20.0	1.1	0.60	26.7	7921C	7921CDB	7921CDF	7921CDT	51000	83000	57000	114000	6300	5300	9000	7100	112.0	-	138.0	140.0	1.0	0.60	0.830	
105	160.0	26.0	2.0	1.00	25.2	7021	7021DB	7021DF	7021DT	80000	130000	81500	163000	3300	2600	4400	3500	113.0	113.0	152.0	155.0	2.0	1.00	1.730	
105	160.0	26.0	2.0	1.00	16.8	7021B	7021BDB	7021BDF	7021BDT	71400	220000	73800	241000	3300	2300	4400	3100	115.0	117.0	150.0	183.0	2.0	1.00	1.730	
105	160.0	26.0	2.0	1.00	2.3	7021C	7021CDB	7021CDF	7021CDT	97000	158000	97500	195000	5400	4500	7400	5900	113.0	113.0	152.0	155.0	2.0	1.00	1.730	
105	190.0	36.0	2.1	1.10	24.6	7221	7221DB	7221DF	7221DT	156000	243000	141000	283000	3000	2400	4000	3200	117.0	112.0	178.0	183.0	2.0	1.00	3.930	
105	190.0	36.0	2.1	1.10	44.0	7221B	7221BDB	7221BDF	7221BDT	147000	228000	124000	250000	2700	2100	3600	2900	117.0	112.0	178.0	183.0	2.0	1.00	3.930	
105	190.0	36.0	2.1	1.10	-0.9	7221C	7221CDB	7221CDF	7221CDT	163000	265000	144000	287000	5000	4000	6700	5400	117.0	117.0	178.0	183.0	2.0	1.00	3.930	
105	225.0	49.0	3.0	1.10	23.1	7321	7321DB	7321DF	7321DT	219000	355000	206000	410000	2700	2100	3600	2800	119.0	112.0	211.0	218.0	2.5	1.00	9.340	
105	225.0	49.0	3.0	1.10	44.8	7321B	7321BDB	7321BDF	7321BDT	208000	335000	196000	390000	2400	1900	3200	2600	119.0	112.0	211.0	218.0	2.5	1.00	9.340	
105	225.0	49.0	3.0	1.10	-5.3	7321C	7321CDB	7321CDF	7321CDT	224000	365000	212000	425000	4400	3500	6000	4800	119.0	119.0	211.0	218.0	2.5	1.00	9.340	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication Single-row series	Grease Lubrication Combined series	Oil lubrication Single-row series	Grease Lubrication Combined series	d <sub>a1</sub> (Min)	d <sub>a2</sub> (Min)	D <sub>a1</sub> (Max)	D <sub>a2</sub> (Max)	r <sub>a</sub> (Max)	r <sub>a1</sub> (Max)	Single-row series
110	150.0	20.0	1.1	0.60	40.3						7922	7922DB	7922DF	7922DT	49000	79500	56000	112000	5300	4300	7100	5600	117.0	-	143.0
110	150.0	20.0	1.1	0.60	27.4	7922C	7922CDB	7922CDF	7922CDT	52000	84500	59500	119000	6300	5000	8500	6700	117.0	-	143.0	145.0	1.0	0.60	0.867	
110	170.0	28.0	2.0	1.00	26.2	7022	7022DB	7022DF	7022DT	915000	149000	92500	185000	3200	2500	4300	3300	118.0	118.0	162.0	165.0	2.0	1.00	2.140	
110	170.0	28.0	2.0	1.00	16.8	7022B	7022BDB	7022BDF	7022BDT	823000	134000	83700	167000	3100	2500	4200	3300	120.0	120.0	160.0	164.5	2.0	1.00	2.140	
110	170.0	28.0	2.0	1.00	2.2	7022C	7022CDB	7022CDF	7022CDT	107000	173000	104000	209000	5200	4200	7000	5700	118.0	118.0	162.0	165.0	2.0	1.00	2.140	
110	200.0	38.0	2.1	1.10	25.7	7222	7222DB	7222DF	7222DT	170000	276000	158000	315000	2800	2200	3800	3000	122.0	117.0	188.0	193.0	2.0	1.00	4.620	
110	200.0	38.0	2.1	1.10	46.1	7222B	7222BDB	7222BDF	7222BDT	159000	259000	149000	298000	2600	2000	3400	2800	122.0	117.0	188.0	193.0	2.0	1.00	4.620	
110	200.0	38.0	2.1	1.10	-1.0	7222C	7222CDB	7222CDF	7222CDT	171000	277000	157000	315000	4700	3800	6300	5000	122.0	122.0	188.0	193.0	2.0	1.00	4.620	
110	240.0	50.0	3.0	1.10	25.5	7322	7322DB	7322DF	7322DT	244000	395000	239000	480000	2600	2000	3400	2700	124.0	117.0	226.0	233.0	2.5	1.00	11.000	
110	240.0	50.0	3.0	1.10	48.5	7322B	7322BDB	7322BDF	7322BDT	231000	375000	227000	455000	2200	1800	3000	2400	124.0	117.0	226.0	233.0	2.5	1.00	11.000	
110	240.0	50.0	3.0	1.10	-4.7	7322C	7322CDB	7322CDF	7322CDT	237000	385000	227000	455000	4300	3400	5700	4500	124.0	124.0	226.0	233.0	2.5	1.00	11.000	
120	165.0	22.0	1.1	0.60	44.2	7924	7924DB	7924DF	7924DT	67500	110000	77000	154000	4800	3800	6300	5300	127.0	-	158.0	160.0	1.0	0.60	1.150	
120	165.0	22.0	1.1	0.60	30.1	7924C	7924CDB	7924CDF	7924CDT	72000	117000	81000	162000	5600	4500	7500	6300	127.0	-	158.0	160.0	1.0	0.60	1.160	
120	180.0	28.0	2.0	1.00	29.3	7024	7024DB	7024DF	7024DT	96500	157000	103000	206000	2900	2300	3800	3000	128.0	128.0	172.0	175.0	2.0	1.00	2.270	
120	180.0	28.0	2.0	1.00	17.8	7024B	7024BDB	7024BDF	7024BDT	86400	140000	93000	186000	2900	2300	3900	3100	130.0	130.0	170.0	174.5	2.0	1.00	2.270	
120	180.0	28.0	2.0	1.00	3.3	7024C	7024CDB	7024CDF	7024CDT	109000	178000	112000	223000	4800	3800	6500	5200	128.0	128.0	172.0	175.0	2.0	1.00	2.270	
120	215.0	40.0	2.1	1.10	28.4	7224	7224DB	7224DF	7224DT	182000	295000	180000	360000	2600	2100	3400	2700	132.0	127.0	203.0	208.0	2.0	1.00	6.050	
120	215.0	40.0	2.1	1.10	50.3	7224B	7224BDB	7224BDF	7224BDT	170000	277000	169000	335000	2300	1900	3100	2500	132.0	127.0	203.0	208.0	2.0	1.00	6.050	
120	215.0	40.0	2.1	1.10	-0.6	7224C	7224CDB	7224CDF	7224CDT	185000	300000	176000	350000	4300	3400	5700	4600	132.0	132.0	203.0	208.0	2.0	1.00	6.050	
120	260.0	55.0	3.0	1.10	27.3	7324	7324DB	7324DF	7324DT	260000	420000	269000	540000	2200	1800	3000	2400	134.0	127.0	246.0	253.0	2.5	1.00	14.200	
120	260.0	55.0	3.0	1.10	52.5	7324B	7324BDB	7324BDF	7324BDT	245000	400000	253000	505000	2100	1700	2800	2200	134.0	127.0	246.0	253.0	2.5	1.00	14.200	
130	180.0	24.0	1.5	1.00	48.1	7926	7926DB	7926DF	7926DT	74000	120000	86000	172000	4300	3400	6000	4800	139.0	-	171.0	174.0	1.5	0.80	1.540	
130	180.0	24.0	1.5	1.00	32.8	7926C	7926CDB	7926CDF	7926CDT	78500	128000	91000	182000	5000	4000	7100	5600	139.0	-	171.0	174.0	1.5	0.80	1.500	
130	200.0	33.0	2.0	1.00	31.1	7026	7026DB	7026DF	7026DT	117000	190000	125000	250000	2600	2200	3600	2700	138.0	138.0	192.0	195.0	2.0	1.00	3.430	
130	200.0	33.0	2.0	1.00	21.4	7026B	7026BDB	7026BDF	7026BDT	105000	171000	113000	226000	2600	2100	3500	2800	140.0	140.0	190.0	194.5	2.0	1.00	3.430	
130	200.0	33.0	2.0	1.00	2.5	7026C	7026CDB	7026CDF	7026CDT	130000	211000	138000	276000	4400	3500	5800	4700	138.0	138.0	192.0	195.0	2.0	1.00	3.430	
130	230.0	40.0	3.0	1.10	32.0	7226	7226DB	7226DF	7226DT	196000	320000	198000	395000	2400	1900	3100	2500	144.0	137.0	216.0	223.0	2.5	1.00	6.880	
130	230.0	40.0	3.0	1.10	55.5	7226B	7226BDB	7226BDF	7226BDT	184000	298000	185000	370000	2100	1700	2800	2300	144.0	137.0	216.0	223.0	2.5	1.00	6.880	
130	230.0	40.0	3.0	1.10	0.9	7226C	7226CDB	7226CDF	7226CDT	214000	350000	216000	430000	4000	3100	5200	4200	144.0	144.0	216.0	223.0	2.5	1.00	6.880	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication Single-row series	Grease Lubrication Combined series	Oil lubrication Single-row series	Grease Lubrication Combined series	d <sub>a1</sub> (Min)	d <sub>a2</sub> (Min)	D <sub>a1</sub> (Max)	D <sub>a2</sub> (Max)	r <sub>a</sub> (Max)	r <sub>a1</sub> (Max)	Single-row series
130	280.0	58.0	4.0	1.50	30.2						7326	7326DB	7326DF	7326DT	300000	490000	330000	660000	2200	1700	2900	2200	148.0	139.0	262.0
130	280.0	58.0	4.0	1.50	57.0	7326B	7326BDB	7326BDF	7326BDT	284000	460000	310000	620000	1900	1500	2600	2000	148.0	139.0	262.0	271.0	3.0	1.50	17.400	
140	190.0	24.0	1.5	1.00	50.5	7928	7928DB	7928DF	7928DT	75000	122000	90000	180000	4000	3200	5600	4500	149.0	-	181.0	184.0	1.5	0.80	1.630	
140	190.0	24.0	1.5	1.00	34.1	7928C	7928CDB	7928CDF	7928CDT	79500	129000	95500	191000	4800	3800	6700	5300	149.0	-	181.0	184.0	1.5	0.80	1.630	
140	210.0	33.0	2.0	1.00	34.0	7028	7028DB	7028DF	7028DT	120000	194000	133000	265000	2400	1900	3300	2600	148.0	148.0	202.0	205.0	2.0	1.00	3.630	
140	210.0	33.0	2.0	1.00	24.5	7028B	7028BDB	7028BDF	7028BDT	107000	174000	119000	237000	2500	2000	3300	2600	150.0	150.0	200.0	204.5	2.0	1.00	3.640	
140	210.0	33.0	2.0	1.00	3.7	7028C	7028CDB	7028CDF	7028CDT	133000	216000	146000	292000	4100	3300	5400	4300	148.0	148.0	202.0	205.0	2.0	1.00	3.630	
140	250.0	42.0	3.0	1.10	35.3	7228	7228DB	7228DF	7228DT	211000	345000	228000	455000	2200	1800	3000	2400	154.0	147.0	236.0	243.0	2.5	1.00	8.780	
140	250.0	42.0	3.0	1.10	60.8	7228B	7228BDB	7228BDF	7228BDT	197000	320000	214000	425000	2000	1600	2600	2200	154.0	147.0	236.0	243.0	2.5	1.00	8.780	
140	250.0	42.0	3.0	1.10	1.3	7228C	7228CDB	7228CDF	7228CDT	223000	360000	235000	470000	3600	2900	4800	3900	154.0	154.0	236.0	243.0	2.5	1.00	8.780	
140	300.0	62.0	4.0	1.50	32.5	7328	7328DB	7328DF	7328DT	300000	490000	335000	670000	2000	1600	2600	2000	158.0	149.0	282.0	291.0	3.0	1.50	21.500	
140	300.0	62.0	4.0	1.50	61.3	7328B	7328BDB	7328BDF	7328BDT	284000	460000	315000	635000	1700	1400	2400	1900	158.0	149.0	282.0	291.0	3.0	1.50	21.500	
150	210.0	28.0	2.0	1.00	56.0	7930	7930DB	7930DF	7930DT	96500	157000	115000	231000	3800	3000	5000	4000	160.0	-	200.0	204.0	2.0	1.00	2.970	
150	210.0	28.0	2.0	1.00	38.1	7930C	7930CDB	7930CDF	7930CDT	102000	166000	122000	244000	4300	3600	6000	4800	160.0	-	200.0	204.0	2.0	1.00	2.960	
150	225.0	35.0	2.1	1.10	36.6	7030	7030DB	7030DF	7030DT	137000	222000	154000	305000	2300	1800	3000	2400	159.0	159.0	216.0	219.0	2.0	1.00	4.420	
150	225.0	35.0	2.1	1.10	26.8	7030B	7030BDB	7030BDF	7030BDT	122000	199000	169000	275000	2300	1800	3000	2400	162.0	162.0	213.0	218.0	2.0	1.00	4.430	
150	225.0	35.0	2.1	1.10	4.1	7030C	7030CDB	7030CDF	7030CDT	152000	247000	169000	340000	3800	3000	5000	4000	159.0	159.0	216.0	219.0	2.0	1.00	4.420	
150	270.0	45.0	3.0	1.10	38.1	7230	7230DB	7230DF	7230DT	249000	405000	280000	560000	2000	1600	2800	2200	164.0	157.0	256.0	263.0	2.5	1.00	11.000	
150	270.0	45.0	3.0	1.10	65.6	7230B	7230BDB	7230BDF	7230BDT	223000	360000	246000	490000	1800	1500	2600	2000	164.0	157.0	256.0	263.0	2.5	1.00	11.000	
150	270.0	45.0	3.0	1.10	1.5	7230C	7230CDB	7230CDF	7230CDT	261000	425000	287000	575000	3400	2700	4500	3600	164.0	164.0	256.0	263.0	2.5	1.00	11.000	
150	320.0	65.0	4.0	1.50	35.3	7330	7330DB	7330DF	7330DT	330000	535000	380000	765000	1700	1400	2400	1800	168.0	159.0	302.0	311.0	3.0	1.50	25.100	
150	320.0	65.0	4.0	1.50	66.1	7330B	7330BDB	7330BDF	7330BDT	310000	505000	360000	725000	1500	1300	2200	1600	168.0	159.0	302.0	311.0	3.0	1.50	25.100	
160	220.0	28.0	2.0	1.00	69.0	7932	7932DB	7932DF	7932DT	98500	160000	121000	241000	2800	2300	3800	3000	170.0	-	210.0	214.0	2.0	1.00	3.130	
160	220.0	28.0	2.0	1.00	39.4	7932C	7932CDB	7932CDF	7932CDT	106000	173000	133000	265000	3800	3000	5000	4000	170.0	-	210.0	214.0	2.0	1.00	3.100	
160	240.0	38.0	2.1	1.10	38.7	7032	7032DB	7032DF	7032DT	155000	252000	176000	350000	2100	1700	2800	2300	169.0	169.0	231.0	234.0	2.0	1.00	5.440	
160	240.0	38.0	2.1	1.10	28.6	7032B	7032BDB	7032BDF	7032BDT	139000	225000	158000	316000	2100	1700	2800	2300	172.0	172.0	228.0	233.0	2.0	1.00	5.450	
160	240.0	38.0	2.1	1.10	4.1	7032C	7032CDB	7032CDF	7032CDT	172000	280000	194000	390000	3500	2800	4700	3900	169.0	169.0	231.0	234.0	2.0	1.00	5.440	
160	290.0	48.0	3.0	1.10	41.0	7232	7232DB	7232DF	7232DT	263000	425000	305000	615000	1900	1500	2600	2000	174.0	167.0	276.0	283.0	2.5	1.00	13.700	
160	290.0	48.0	3.0	1.10	70.4	7232B	7232BDB	7232BDF	7232BDT	246000	400000	287000	575000	1700	1400	2200	1800	174.0	167.0	276.0	283.0	2.5	1.00	13.700	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication Single-row series	Grease Lubrication Combined series	Oil lubrication Single-row series	Grease Lubrication Combined series	d <sub>a1</sub> (Min)	d <sub>a2</sub> (Min)	D <sub>a1</sub> (Max)	D <sub>a2</sub> (Max)	r <sub>a</sub> (Max)	r <sub>a1</sub> (Max)	Single-row series
160	290.0	48.0	3.0	1.10	2.4						7232C	7232CDB	7232CDF	7232CDT	288000	470000	335000	670000	3200	2500	3900	3400	174.0	174.0	276.0
160	340.0	68.0	4.0	1.50	38.2	7332	7332DB	7332DF	7332DT	345000	565000	420000	845000	1700	1400	2200	1800	178.0	169.0	322.0	331.0	3.0	1.50	30.200	
160	340.0	68.0	4.0	1.50	70.9	7322B	7322BDB	7322BDF	7322BDT	325000	530000	395000	795000	1500	1200	2000	1600	178.0	169.0	322.0	331.0	3.0	1.50	30.200	
170	230.0	28.0	2.0	1.00	71.5	7934	7934DB	7934DF	7934DT	102000	165000	129000	257000	2700	2100	3600	2800	180.0	-	220.0	224.0	2.0	1.00	3.29	
170	230.0	28.0	2.0	1.00	40.8	7934C	7934CDB	7934CDF	7934CDT	113000	183000	148000	297000	3600	2800	4800	3800	180.0	-	220.0	224.0	2.0	1.00	3.36	
170	260.0	42.0	2.1	1.10	41.1	7034	7034DB	7034DF	7034DT	179000	291000	210000	420000	2000	1600	2600	2100	179.0	179.0	251.0	254.0	2.0	1.00	7.87	
170	260.0	42.0	2.1	1.10	31.6	7034B	7034BDB	7034BDF	7034BDT	166000	270000	193000	386000	1900	1600	2600	2100	182.0	182.0	248.0	253.0	2.0	1.00	7.76	
170	260.0	42.0	2.1	1.10	3.8	7034C	7034CDB	7034CDF	7034CDT	206000	335000	236000	470000	3100	2600	4200	3500	179.0	179.0	251.0	254.0	2.0	1.00	7.87	
170	310.0	52.0	4.0	1.50	43.3	7234	7234DB	7234DF	7234DT	242000	440000	330000	660000	1800	1400	2400	1900	188.0	179.0	292.0	301.0	3.0	1.50	17.40	
170	310.0	52.0	4.0	1.50	74.7	7234B	7234BDB	7234BDF	7234BDT	254000	410000	310000	620000	1600	1300	2200	1700	188.0	179.0	292.0	301.0	3.0	1.50	17.40	
170	310.0	52.0	4.0	1.50	2.2	7234C	7234CDB	7234CDF	7234CDT	299000	485000	360000	725000	3000	2400	3600	3200	188.0	188.0	292.0	301.0	3.0	1.50	17.40	
170	360.0	72.0	4.0	1.50	40.5	7334	7334DB	7334DF	7334DT	390000	630000	485000	970000	1600	1300	2200	1700	188.0	179.0	342.0	351.0	3.0	1.50	35.70	
170	360.0	72.0	4.0	1.50	75.2	7334B	7334BDB	7334BDF	7334BDT	365000	595000	460000	915000	1400	1100	2000	1600	188.0	179.0	342.0	351.0	3.0	1.50	35.70	
180	250.0	33.0	2.0	1.00	78.5	7936	7936DB	7936DF	7936DT	131000	213000	163000	325000	2500	2000	3300	2700	190.0	-	240.0	244.0	2.0	1.00	4.87	
180	250.0	33.0	2.0	1.00	45.3	7936C	7936CDB	7936CDF	7936CDT	145000	236000	184000	370000	3200	2600	4500	3600	190.0	-	240.0	244.0	2.0	1.00	4.90	
180	280.0	46.0	2.1	1.10	43.4	7036	7036DB	7036DF	7036DT	207000	335000	252000	505000	1900	1500	2500	2000	189.0	189.0	271.0	274.0	2.0	1.00	9.98	
180	280.0	46.0	2.1	1.10	34.5	7036B	7036BDB	7036BDF	7036BDT	190000	308000	228000	457000	1800	1400	2400	1900	192.0	192.0	268.0	273.0	2.0	1.00	10.10	
180	280.0	46.0	2.1	1.10	3.5	7036C	7036CDB	7036CDF	7036CDT	235000	385000	290000	580000	3100	2500	4200	3300	189.0	189.0	271.0	274.0	2.0	1.00	9.98	
180	320.0	52.0	4.0	1.50	46.2	7236	7236DB	7236DF	7236DT	281000	450000	350000	705000	1700	1300	2200	1800	198.0	189.0	302.0	311.0	3.0	1.50	19.90	
180	320.0	52.0	4.0	1.50	78.9	7236B	7236BDB	7236BDF	7236BDT	262000	425000	330000	660000	1500	1200	2000	1700	198.0	189.0	302.0	311.0	3.0	1.50	19.90	
180	320.0	52.0	4.0	1.50	3.3	7236C	7236CDB	7236CDF	7236CDT	310000	500000	385000	775000	2800	2300	3700	3300	198.0	198.0	302.0	311.0	3.0	1.50	19.90	
180	380.0	75.0	4.0	1.50	43.3	7336	7336DB	7336DF	7336DT	410000	665000	535000	1070000	1400	1200	2000	1600	198.0	189.0	362.0	371.0	3.0	1.50	41.30	
180	380.0	75.0	4.0	1.50	80.0	7336B	7336BDB	7336BDF	7336BDT	385000	625000	505000	1010000	1300	1100	1900	1500	198.0	189.0	362.0	371.0	3.0	1.50	41.30	
190	260.0	33.0	2.0	1.00	81.5	7938	7938DB	7938DF	7938DT	133000	216000	169000	335000	2400	1900	3200	2500	200.0	-	250.0	254.0	2.0	1.00	5.10	
190	260.0	33.0	2.0	1.00	46.6	7938C	7938CDB	7938CDF	7938CDT	147000	239000	192000	385000	3000	2400	4300	3400	200.0	-	250.0	254.0	2.0	1.00	4.98	
190	290.0	46.0	2.1	1.10	46.3	7038	7038DB	7038DF	7038DT	218000	355000	277000	555000	1800	1400	2300	1900	199.0	199.0	281.0	284.0	2.0	1.00	10.70	
190	290.0	46.0	2.1	1.10	36.5	7038B	7038BDB	7038BDF	7038BDT	194000	316000	241000	483000	1700	1400	2300	1800	202.0	202.0	278.0	283.0	2.0	1.00	10.80	
190	290.0	46.0	2.1	1.10	4.7	7038C	7038CDB	7038CDF	7038CDT	248000	405000	310000	615000	2900	2300	3900	3100	199.0	199.0	281.0	284.0	2.0	1.00	10.70	
190	340.0	55.0	4.0	1.50	49.0	7238	7238DB	7238DF	7238DT	315000	510000	410000	825000	1600	1300	2200	1700	208.0	199.0	322.0	331.0	3.0	1.50	21.50	

Main Dimensions (mm)					Point of action (mm)	Model				Basic Dynamic		Basic Static		Permissible Revolutions (rpm)				Assembly Dimensions (mm)						Reference	
d	D	B	r (Min)	r <sub>1</sub> (Min)		a	Single-row series	Back to back	Face to face	In parallel	Load Ratings C(N)		Load Ratings Co(N)		Grease Lubrication	Grease Lubrication	Oil lubrication	Grease Lubrication	d <sub>a1</sub>	d <sub>a2</sub>	D <sub>a1</sub>	D <sub>a2</sub>	r <sub>a</sub>	r <sub>a1</sub>	Single-row series
					Single-row series						Combined series	Single-row series	Combined series	Single-row series	Combined series	Single-row series	Combined series	(Min)	(Min)	(Max)	(Max)	(Max)	(Max)	(Max)	
190	340.0	55.0	4.0	1.50	83.7	7238B	7238BDB	7238BDF	7238BDT	294000	475000	385000	770000	1400	1100	2000	1600	208.0	199.0	322.0	331.0	3.0	1.50	21.50	
190	400.0	78.0	5.0	2.00	46.1	7338	7338DB	7338DF	7338DT	445000	725000	610000	1220000	1400	1100	1900	1500	212.0	200.0	378.0	390.0	4.0	2.00	47.60	
190	400.0	78.0	5.0	2.00	84.8	7338B	7338BDB	7338BDF	7338BDT	420000	680000	575000	1150000	1300	1000	1800	1400	212.0	200.0	378.0	390.0	4.0	2.00	47.60	
200	280.0	38.0	2.1	1.10	88.5	7940	7940DB	7940DF	7940DT	185000	300000	231000	465000	2200	1800	3000	2400	212.0	-	268.0	273.0	2.0	1.00	7.15	
200	280.0	38.0	2.1	1.10	51.2	7940C	7940CDB	7940CDF	7940CDT	189000	305000	244000	490000	2800	2200	4000	3200	212.0	-	268.0	273.0	2.0	1.00	6.85	
200	310.0	51.0	2.1	1.10	48.1	7040	7040DB	7040DF	7040DT	226000	365000	277000	555000	1700	1300	2200	1800	209.0	209.0	301.0	304.0	2.0	1.00	13.80	
200	310.0	51.0	2.1	1.10	37.5	7040B	7040BDB	7040BDF	7040BDT	218000	355000	279000	558000	1600	1300	2100	1700	212.0	212.0	298.0	303.0	2.0	1.00	12.70	
200	310.0	51.0	2.1	1.10	3.9	7040C	7040CDB	7040CDF	7040CDT	274000	445000	360000	715000	2800	2200	3700	3000	209.0	209.0	301.0	304.0	2.0	1.00	13.80	
200	360.0	58.0	4.0	1.50	54.8	7240	7240DB	7240DF	7240DT	335000	550000	450000	900000	1500	1200	2000	1600	218.0	209.0	342.0	351.0	3.0	1.50	25.50	
200	360.0	58.0	4.0	1.50	88.5	7240B	7240BDB	7240BDF	7240BDT	315000	510000	420000	840000	1300	1000	1900	1500	218.0	209.0	342.0	351.0	3.0	1.50	25.50	
200	420.0	80.0	5.0	2.00	49.5	7340	7340DB	7340DF	7340DT	475000	770000	655000	1310000	1300	1100	1800	1400	222.0	210.0	398.0	410.0	4.0	2.00	53.70	
200	420.0	80.0	5.0	2.00	90.1	7340B	7340BDB	7340BDF	7340BDT	445000	725000	620000	1240000	1200	1000	1700	1300	222.0	210.0	398.0	410.0	4.0	2.00	53.70	