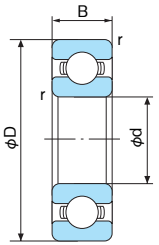
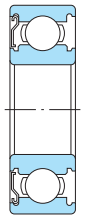
NACHI

■ Deep-groove Ball Bearings

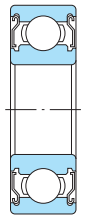
Bore Diameter: 10～25mm



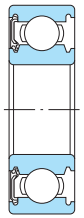
Open



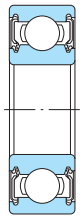
One shield (ZE)



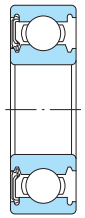
Two shields (ZZE)



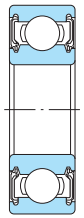
One contact seal (NSE)



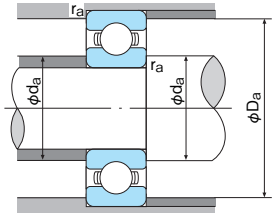
Two contact seals (2NSE)



One non-contact seal (NKE)



Two non-contact seals (2NKE)



■**Dynamic equivalent radial load**
Pr=XFr+YFa

■**Static equivalent radial load**
Larger value of following to be used:
Por=0.6Fr+0.5Fa
Por=Fr

$\frac{f_0 Fa}{Cor}$	e	$\frac{Fa}{Fr} \leqq e$		$\frac{Fa}{Fr} > e$	
		X	Y	X	Y
0.172	0.19				2.30
0.345	0.22	1	0	0.56	1.99
0.689	0.26				1.71
1.03	0.28				1.55
1.38	0.30	1	0	0.56	1.45
2.07	0.34				1.31
3.45	0.38				1.15
5.17	0.42	1	0	0.56	1.04
6.89	0.44				1.00

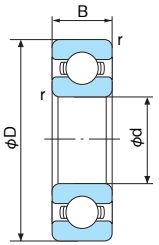
1N=0.102kgf

Boundary dimensions (mm)				Bearing No.							Basic dynamic load rating Cr (N)	Basic static load rating Cor (N)	Factor fo	Limiting speed (min^{-1})			Abutment and fillet dimensions (mm)			Mass (kg)	Bearing No.
														Grease lubrication		Oil lubrication					
d	D	B	r (min)	Open type	Shield type		Contact seal type		Non-contact seal type					Open type, ZE, ZZE,NKE,2NKE	NSE, 2NSE	Open type, ZE	da (min)	Da (max)	ra (max)		
10	19	5	0.3	6800	6800ZE	6800ZZE	6800NSE	6800-2NSE	6800NKE	6800-2NKE	2120	985	14.2	37000	24000	44000	12	17	0.3	0.005	6800
	22	6	0.3	6900	6900ZE	6900ZZE	6900NSE	6900-2NSE	6900NKE	6900-2NKE	2490	1130	14.0	33000	22000	38000	12	20	0.3	0.009	6900
	26	8	0.3	6000	6000ZE	6000ZZE	6000NSE	6000-2NSE	6000NKE	6000-2NKE	4550	1970	12.4	30000	22000	36000	12	24	0.3	0.019	6000
	30	9	0.6	6200	6200ZE	6200ZZE	6200NSE	6200-2NSE	6200NKE	6200-2NKE	5100	2390	13.2	25000	18000	30000	15	25	0.6	0.032	6200
	35	11	0.6	6300	6300ZE	6300ZZE	6300NSE	6300-2NSE	6300NKE	6300-2NKE	8100	3450	11.3	23000	17000	27000	15	30	0.6	0.053	6300
12	21	5	0.3	6801	6801ZE	6801ZZE	6801NSE	6801-2NSE	6801NKE	6801-2NKE	1920	1040	15.3	32000	20000	39000	14	19	0.3	0.006	6801
	24	6	0.3	6901	6901ZE	6901ZZE	6901NSE	6901-2NSE	6901NKE	6901-2NKE	2700	1320	14.5	30000	20000	36000	14	22	0.3	0.011	6901
	28	8	0.3	6001	6001ZE	6001ZZE	6001NSE	6001-2NSE	6001NKE	6001-2NKE	5100	2390	13.2	28000	18000	32000	14	26	0.3	0.023	6001
	32	10	0.6	6201	6201ZE	6201ZZE	6201NSE	6201-2NSE	6201NKE	6201-2NKE	6800	3050	12.3	22000	17000	28000	17	27	0.6	0.037	6201
	37	12	1	6301	6301ZE	6301ZZE	6301NSE	6301-2NSE	6301NKE	6301-2NKE	9750	4250	11.2	20000	16000	24000	18	31	1.0	0.060	6301
15	24	5	0.3	6802	6802ZE	6802ZZE	6802NSE	6802-2NSE	6802NKE	6802-2NKE	2080	1260	15.8	28000	17000	34000	17	22	0.3	0.007	6802
	28	7	0.3	6902	6902ZE	6902ZZE	6902NSE	6902-2NSE	6902NKE	6902-2NKE	4300	2250	14.3	26000	17000	31000	17	26	0.3	0.016	6902
	32	8	0.3	16002	—	—	—	—	—	—	5600	2840	13.9	24000	—	28000	20	27	0.3	0.025	16002
	32	9	0.3	6002	6002ZE	6002ZZE	6002NSE	6002-2NSE	6002NKE	6002-2NKE	5600	2840	13.9	24000	15000	28000	17	30	0.3	0.032	6002
	35	11	0.6	6202	6202ZE	6202ZZE	6202NSE	6202-2NSE	6202NKE	6202-2NKE	7650	3700	13.1	20000	15000	24000	20	30	0.6	0.045	6202
	42	13	1	6302	6302ZE	6302ZZE	6302NSE	6302-2NSE	6302NKE	6302-2NKE	11400	5400	12.3	17000	13000	21000	21	36	1.0	0.082	6302
17	26	5	0.3	6803	6803ZE	6803ZZE	6803NSE	6803-2NSE	6803NKE	6803-2NKE	2630	1570	16.1	26000	15000	30000	19	24	0.3	0.008	6803
	30	7	0.3	6903	6903ZE	6903ZZE	6903NSE	6903-2NSE	6903NKE	6903-2NKE	4600	2550	14.7	24000	15000	29000	19	28	0.3	0.018	6903
	35	8	0.3	16003	—	—	—	—	—	—	6000	3250	14.3	22000	—	26000	22	30	0.3	0.032	16003
	35	10	0.3	6003	6003ZE	6003ZZE	6003NSE	6003-2NSE	6003NKE	6003-2NKE	6000	3250	14.3	22000	14000	26000	19	33	0.3	0.039	6003
	40	12	0.6	6203	6203ZE	6203ZZE	6203NSE	6203-2NSE	6203NKE	6203-2NKE	9550	4800	13.1	18000	12000	21000	22	35	0.6	0.065	6203
	47	14	1	6303	6303ZE	6303ZZE	6303NSE	6303-2NSE	6303NKE	6303-2NKE	13600	6550	12.3	16000	11000	19000	23	41	1.0	0.115	6303
20	32	7	0.3	6804	6804ZE	6804ZZE	6804NSE	6804-2NSE	6804NKE	6804-2NKE	4000	2640	15.5	22000	13000	26000	22	30	0.3	0.019	6804
	37	9	0.3	6904	6904ZE	6904ZZE	6904NSE	6904-2NSE	6904NKE	6904-2NKE	6350	3700	14.8	19000	12000	23000	22	35	0.3	0.036	6904
	42	8	0.3	16004	—	—	—	—	—	—	7900	4500	14.5	18000	—	21000	25	37	0.3	0.050	16004
	42	12	0.6	6004	6004ZE	6004ZZE	6004NSE	6004-2NSE	6004NKE	6004-2NKE	9400	5000	13.9	18000	11000	21000	24	38	0.6	0.070	6004
	47	14	1	6204	6204ZE	6204ZZE	6204NSE	6204-2NSE	6204NKE	6204-2NKE	12800	6600	13.1	16000	11000	18000	26	41	1.0	0.106	6204
	52	15	1.1	6304	6304ZE	6304ZZE	6304NSE	6304-2NSE	6304NKE	6304-2NKE	15900	7900	12.4	14000	10000	17000	27	45	1.1	0.144	6304
22	50	14	1	62/22	62/22ZE	62/22ZZE	62/22NSE	62/22-2NSE	62/22NKE	62/22-2NKE	13900	6950	13.1	14000	9700	17000	28	44	1.0	0.120	62/22
	56	16	1.1	63/22	63/22ZE	63/22ZZE	63/22NSE	63/22-2NSE	63/22NKE	63/22-2NKE	18400	9250	12.4	13000	9500	16000	29	49	1.0	0.176	63/22
25	37	7	0.3	6805	6805ZE	6805ZZE	6805NSE	6805-2NSE	6805NKE	6805-2NKE	4300	2940	16.0	18000	10000	22000	27	35	0.3	0.022	6805
	42	9	0.3	6905	6905ZE	6905ZZE	6905NSE	6905-2NSE	6905NKE	6905-2NKE	7000	4500	15.3	16000	10000	20000	27	40	0.3	0.042	6905
	47	8	0.3	16005	—	—	—	—	—	—	6950	4600	15.6	15000	—	18000	30	42	0.3	0.060	16005
	47	12	0.6	6005	6005ZE	6005ZZE	6005NSE	6005-2NSE	6005NKE	6005-2NKE	10100	5850	14.5	15000	9500	18000	29	43	0.6	0.079	6005
	52	15	1	6205	6205ZE	6205ZZE	6205NSE	6205-2NSE	6205NKE	6205-2NKE	14000	7900	13.9	13000	9000	16000	31	46	1.0	0.128	6205
	62	17	1.1	6305	6305ZE	6305ZZE	6305NSE	6305-2NSE	6305NKE	6305-2NKE	23600	12100	12.2	12000	8100	14000	32	55	1.0	0.232	6305

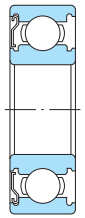
NACHI

■ Deep-groove Ball Bearings

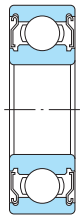
Bore Diameter: 28～50mm



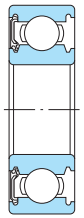
Open



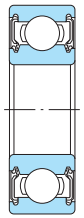
One shield (ZE)



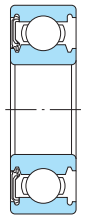
Two shields (ZZE)



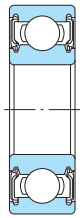
One contact seal (NSE)



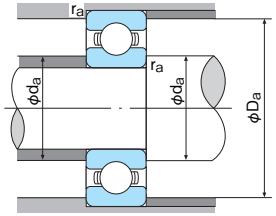
Two contact seals (2NSE)



One non-contact seal (NKE)



Two non-contact seals (2NKE)



■Dynamic equivalent radial load
Pr=XFr+YFa

■Static equivalent radial load
Larger value of following to be used:
Por=0.6Fr+0.5Fa
Por=Fr

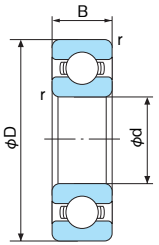
$\frac{f_0 Fa}{Cor}$	e	$\frac{Fa}{Fr} \leqq e$		$\frac{Fa}{Fr} > e$	
		X	Y	X	Y
0.172	0.19				2.30
0.345	0.22	1	0	0.56	1.99
0.689	0.26				1.71
1.03	0.28				1.55
1.38	0.30	1	0	0.56	1.45
2.07	0.34				1.31
3.45	0.38				1.15
5.17	0.42	1	0	0.56	1.04
6.89	0.44				1.00

1N=0.102kgf

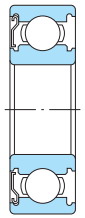
Boundary dimensions (mm)				Bearing No.							Basic dynamic load rating Cr (N)	Basic static load rating Cor (N)	Factor fo	Limiting speed (min^{-1})			Abutment and fillet dimensions (mm)			Mass (kg)	Bearing No.
														Grease lubrication		Oil lubrication					
d	D	B	r (min)	Open type	Shield type		Contact seal type		Non-contact seal type					Open type, ZE, ZZE,NKE,2NKE	NSE, 2NSE	Open type, ZE	da (min)	Da (max)	ra (max)		
28	58	16	1	62/28	62/28ZE	62/28ZZE	62/28NSE	62/28-2NSE	62/28NKE	62/28-2NKE	17900	9750	13.1	12000	8200	14000	34	52	1.0	0.175	62/28
	68	18	1.1	63/28	63/28ZE	63/28ZZE	63/28NSE	63/28-2NSE	63/28NKE	63/28-2NSE	26800	14000	12.4	11000	7500	13000	35	61	1.0	0.287	63/28
30	42	7	0.3	6806	6806ZE	6806ZZE	6806NSE	6806-2NSE	6806NKE	6806-2NKE	5350	3800	16.4	15000	9000	18000	32	40	0.3	0.026	6806
	47	9	0.3	6906	6906ZE	6906ZZE	6906NSE	6906-2NSE	6906NKE	6906-2NKE	7250	5000	15.8	14000	8500	17000	32	45	0.3	0.045	6906
	55	9	0.3	16006	—	—	—	—	—	—	9950	6550	15.4	13000	—	15000	35	50	0.3	0.085	16006
	55	13	1	6006	6006ZE	6006ZZE	6006NSE	6006-2NSE	6006NKE	6006-2NKE	13200	8300	14.8	13000	8000	15000	35	50	1.0	0.117	6006
	62	16	1	6206	6206ZE	6206ZZE	6206NSE	6206-2NSE	6206NKE	6206-2NKE	19500	11300	13.9	11000	7500	13000	36	56	1.0	0.199	6206
	72	19	1.1	6306	6306ZE	6306ZZE	6306NSE	6306-2NSE	6306NKE	6306-2NKE	26700	15000	13.2	10000	6700	12000	37	65	1.0	0.346	6306
32	65	17	1	62/32	62/32ZE	62/32ZZE	62/32NSE	62/32-2NSE	62/32NKE	62/32-2NKE	22400	13100	13.6	11000	7100	12000	38	59	1.0	0.230	62/32
	75	20	1.1	63/32	63/32ZE	63/32ZZE	63/32NSE	63/32-2NSE	63/32NKE	63/32-2NKE	30000	16200	12.7	9500	6500	11000	39	68	1.0	0.382	63/32
35	47	7	0.3	6807	6807ZE	6807ZZE	6807NSE	6807-2NSE	6807NKE	6807-2NKE	4750	3800	16.4	14000	7600	16000	37	45	0.3	0.029	6807
	55	10	0.6	6907	6907ZE	6907ZZE	6907NSE	6907-2NSE	6907NKE	6907-2NKE	10400	7150	15.6	12000	7500	15000	39	51	0.6	0.073	6907
	62	9	0.3	16007	—	—	—	—	—	—	11700	8150	15.6	12000	—	14000	40	57	0.6	0.110	16007
	62	14	1	6007	6007ZE	6007ZZE	6007NSE	6007-2NSE	6007NKE	6007-2NKE	16000	10300	14.8	12000	6800	14000	40	57	1.0	0.156	6007
	72	17	1.1	6207	6207ZE	6207ZZE	6207NSE	6207-2NSE	6207NKE	6207-2NKE	25700	15300	13.8	9800	6300	11000	42	65	1.0	0.288	6207
	80	21	1.5	6307	6307ZE	6307ZZE	6307NSE	6307-2NSE	6307NKE	6307-2NKE	33500	19200	13.2	8800	6000	10000	44	71	1.5	0.457	6307
40	52	7	0.3	6808	6808ZE	6808ZZE	6808NSE	6808-2NSE	6808NKE	6808-2NKE	5950	4900	16.2	12000	6700	14000	42	50	0.3	0.033	6808
	62	12	0.6	6908	6908ZE	6908ZZE	6908NSE	6908-2NSE	6908NKE	6908-2NKE	13700	9950	15.8	11000	6300	13000	44	58	0.6	0.108	6908
	68	9	0.3	16008	—	—	—	—	—	—	11100	8550	16.1	10000	—	12000	45	63	0.3	0.125	16008
	68	15	1	6008	6008ZE	6008ZZE	6008NSE	6008-2NSE	6008NKE	6008-2NKE	16800	11500	15.3	10000	6100	12000	45	63	1.0	0.194	6008
	80	18	1.1	6208	6208ZE	6208ZZE	6208NSE	6208-2NSE	6208NKE	6208-2NKE	29100	17900	14.0	8700	5600	10000	47	73	1.0	0.366	6208
	90	23	1.5	6308	6308ZE	6308ZZE	6308NSE	6308-2NSE	6308NKE	6308-2NKE	40500	24100	13.2	7800	5300	9200	49	81	1.5	0.633	6308
45	58	7	0.3	6809	6809ZE	6809ZZE	6809NSE	6809-2NSE	6809NKE	6809-2NKE	5350	4900	16.1	11000	6000	13000	47	56	0.3	0.040	6809
	68	12	0.6	6909	6909ZE	6909ZZE	6909NSE	6909-2NSE	6909NKE	6909-2NKE	14100	10900	16.1	10000	5600	12000	49	64	0.6	0.122	6909
	75	10	0.6	16009	—	—	—	—	—	—	12900	10500	16.2	9200	—	11000	52	68	0.6	0.170	16009
	75	16	1	6009	6009ZE	6009ZZE	6009NSE	6009-2NSE	6009NKE	6009-2NKE	20900	15200	15.3	9200	5400	11000	50	70	1.0	0.246	6009
	85	19	1.1	6209	6209ZE	6209ZZE	6209NSE	6209-2NSE	6209NKE	6209-2NKE	32500	20500	14.1	7800	5300	9300	52	78	1.0	0.407	6209
	100	25	1.5	6309	6309ZE	6309ZZE	6309NSE	6309-2NSE	6309NKE	6309-2NKE	53000	32000	13.1	7000	4800	8200	54	91	1.5	0.833	6309
50	65	7	0.3	6810	6810ZE	6810ZZE	6810NSE	6810-2NSE	6810NKE	6810-2NKE	6400	5800	16.1	10000	5300	12000	52	63	0.3	0.052	6810
	72	12	0.6	6910	6910ZE	6910ZZE	6910NSE	6910-2NSE	6910NKE	6910-2NKE	14500	11700	16.1	9500	5300	11000	54	68	0.6	0.125	6910
	80	10	0.6	16010	—	—	—	—	—	—	16100	13100	16.1	8500	—	10000	57	73	0.6	0.180	16010
	80	16	1	6010	6010ZE	6010ZZE	6010NSE	6010-2NSE	6010NKE	6010-2NKE	21800	16600	15.6	8500	5000	10000	55	75	1.0	0.264	6010
	90	20	1.1	6210	6210ZE	6210ZZE	6210NSE	6210-2NSE	6210NKE	6210-2NKE	35000	23200	14.4	7100	4800	8600	57	83	1.0	0.463	6210
	110	27	2	6310	6310ZE	6310ZZE	6310NSE	6310-2NSE	6310NKE	6310-2NKE	62000	38000	13.1	6400	4300	7500	60	100	2.0	1.07	6310

■ Deep-groove Ball Bearings

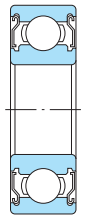
Bore Diameter: 55～80mm



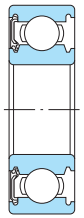
Open



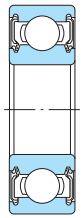
One shield (ZE)



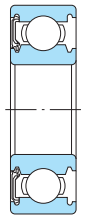
Two shields (ZZE)



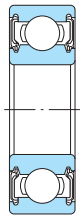
One contact seal (NSE)



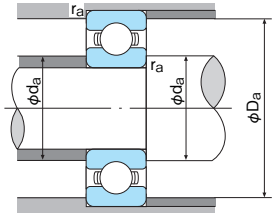
Two contact seals (2NSE)



One non-contact seal (NKE)



Two non-contact seals (2NKE)



■Dynamic equivalent radial load
Pr=XFr+YFa

■Static equivalent radial load
Larger value of following to be used:
Por=0.6Fr+0.5Fa
Por=Fr

$\frac{f_0 Fa}{Cor}$	e	$\frac{Fa}{Fr} \leqq e$		$\frac{Fa}{Fr} > e$	
		X	Y	X	Y
0.172	0.19				2.30
0.345	0.22	1	0	0.56	1.99
0.689	0.26				1.71
1.03	0.28				1.55
1.38	0.30	1	0	0.56	1.45
2.07	0.34				1.31
3.45	0.38				1.15
5.17	0.42	1	0	0.56	1.04
6.89	0.44				1.00

1N=0.102kgf

Boundary dimensions (mm)				Bearing No.							Basic dynamic load rating Cr (N)	Basic static load rating Cor (N)	Factor fo	Limiting speed (min^{-1})			Abutment and fillet dimensions (mm)			Mass (kg)	Bearing No.
														Grease lubrication		Oil lubrication					
d	D	B	r (min)	Open type	Shield type		Contact seal type		Non-contact seal type					Open type, ZE, ZZE,NKE,2NKE	NSE, 2NSE	Open type, ZE	da (min)	Da (max)	ra (max)		
55	72	9	0.3	6811	6811Z	6811ZZ	—	—	—	—	8800	8100	16.2	8700	—	10000	57	70	0.3	0.083	6811
	80	13	1	6911	6911Z	6911ZZ	—	—	—	—	16000	13200	16.2	8200	—	9600	60	75	1.0	0.177	6911
	90	11	0.6	16011	—	—	—	—	—	—	15200	13500	16.5	7700	—	9000	62	83	0.6	0.260	16011
	90	18	1.1	6011	6011ZE	6011ZZE	6011NSE	6011-2NSE	6011NKE	6011-2NKE	28300	21300	15.4	7700	4500	9000	61	84	1.0	0.384	6011
	100	21	1.5	6211	6211ZE	6211ZZE	6211NSE	6211-2NSE	6211NKE	6211-2NSE	43500	29300	14.4	6400	4300	7700	64	91	1.5	0.607	6211
	120	29	2	6311	6311ZE	6311ZZE	6311NSE	6311-2NSE	6311NKE	6311-2NKE	71500	44500	13.1	5800	4000	6800	65	110	2.0	1.37	6311
60	78	10	0.3	6812	6812Z	6812ZZ	—	—	—	—	11500	10600	16.3	8000	—	9500	62	76	0.3	0.106	6812
	85	13	1	6912	6912Z	6912ZZ	—	—	—	—	15200	13500	16.5	7600	—	9000	65	80	1.0	0.191	6912
	95	11	0.6	16012	—	—	—	—	—	—	16200	14300	16.5	7100	—	8500	67	88	0.6	0.280	16012
	95	18	1.1	6012	6012ZE	6012ZZE	6012NSE	6012-2NSE	6012NKE	6012-2NKE	29400	23200	15.5	7100	4100	8500	66	89	1.0	0.418	6012
	110	22	1.5	6212	6212ZE	6212ZZE	6212NSE	6212-2NSE	6212NKE	6212-2NKE	52500	36000	14.3	6000	3800	7100	69	101	1.5	0.783	6212
	130	31	2.1	6312	6312ZE	6312ZZE	6312NSE	6312-2NSE	6312NKE	6312-2NKE	82000	52000	13.2	5400	3600	6300	72	118	2.0	1.70	6312
65	85	10	0.6	6813	6813Z	6813ZZ	—	—	—	—	11900	11500	16.2	7500	—	8700	69	81	0.6	0.125	6813
	90	13	1	6913	6913Z	6913ZZ	—	—	—	—	17400	16000	16.5	7100	—	8500	70	85	1.0	0.200	6913
	100	11	0.6	16013	—	—	—	—	—	—	20500	18600	16.4	6700	—	8000	72	93	0.6	0.300	16013
	100	18	1.1	6013	6013ZE	6013ZZE	6013NSE	6013-2NSE	6013NKE	6013-2NKE	30500	25200	15.7	6700	4000	8000	71	94	1.0	0.438	6013
	120	23	1.5	6213	6213ZE	6213ZZE	6213NSE	6213-2NSE	6213NKE	6213-2NKE	57000	40000	14.4	5500	3600	6500	74	111	1.5	0.990	3213
	140	33	2.1	6313	6313ZE	6313ZZE	6313NSE	6313-2NSE	6313NKE	6313-2NKE	92500	59500	13.2	4900	3400	6000	77	128	2.0	2.08	6313
70	90	10	0.6	6814	6814Z	6814ZZ	—	—	—	—	12100	11900	16.1	7000	—	8100	74	86	0.6	0.135	6814
	100	16	1	6914	6914Z	6914ZZ	—	—	—	—	23700	21100	16.3	6500	—	7700	75	95	1.0	0.327	6914
	110	13	0.6	16014	—	—	—	—	—	—	26800	23600	16.2	6100	—	7100	77	103	0.6	0.433	16014
	110	20	1.1	6014	6014ZE	6014ZZE	6014NSE	6014-2NSE	6014NKE	6014-2NKE	38000	31000	15.6	6100	3600	7100	76	104	1.0	0.607	6014
	125	24	1.5	6214	6214ZE	6214ZZE	6214NSE	6214-2NSE	6214NKE	6214-2NKE	62000	44000	14.4	5100	3400	6300	79	116	1.5	1.07	6214
	150	35	2.1	6314	6314ZE	6314ZZE	6314NSE	6314-2NSE	6314NKE	6314-2NKE	104000	68000	13.2	4600	3200	5400	82	138	2.0	2.52	6314
75	95	10	0.6	6815	6815Z	6815ZZ	—	—	—	—	12500	12800	16.0	6500	—	7600	79	91	0.6	0.145	6815
	105	16	1	6915	6915Z	6915ZZ	—	—	—	—	20800	19700	16.5	6200	—	7200	80	100	1.0	0.345	6915
	115	13	0.6	16015	—	—	—	—	—	—	27600	25300	16.4	5700	—	6700	82	108	0.6	0.457	16015
	115	20	1.1	6015	6015ZE	6015ZZE	6015NSE	6015-2NSE	6015NKE	6015-2NKE	39500	33500	15.7	5700	3400	6700	81	109	1.0	0.645	6015
	130	25	1.5	6215	6215ZE	6215ZZE	6215NSE	6215-2NSE	6215NKE	6215-2NKE	66000	49500	14.7	4800	3200	5600	84	121	1.5	1.18	6215
	160	37	2.1	6315	6315ZE	6315ZZE	6315NSE	6315-2NSE	6315NKE	6315-2NKE	113000	77000	13.2	4300	2900	5000	87	148	2.0	3.02	6315
80	100	10	0.6	6816	6816Z	6816ZZ	—	—	—	—	12700	13300	15.9	6000	—	7100	84	96	0.6	0.155	6816
	110	16	1	6916	6916Z	6916ZZ	—	—	—	—	27600	25300	16.4	5700	—	6700	85	105	1.0	0.363	6916
	125	14	0.6	16016	—	—	—	—	—	—	32000	29600	16.4	5300	—	6300	87	118	0.6	0.597	16016
	125	22	1.1	6016	6016Z	6016ZZ	—	—	—	—	47500	39500	15.6	5300	—	6300	86	119	1.0	0.855	6016
	140	26	2	6216	6216Z	6216ZZ	6216NSL	6216-2NSL	6216NK	6216-2NK	72500	53000	14.6	4500	3000	5300	90	130	2.0	1.40	6216
	170	39	2.1	6316	6316Z	6316ZZ	6316NSL	6316-2NSL	6316NK	6316-2NK	123000	86500	13.2	4000	2800	4800	92	158	2.0	3.59	6316