

公制轴承型号 Metric Bearing No.	外形尺寸 Boundary Dimensions							重量	动负荷	静负荷
	d	D	T	B	C	R	r	Weight	Dynamic	Static
	mm					min	min	W	Cr	Cor
								kg	KN	KN
30202	15.000	35.000	11.750	11.000	10.000	0.6	0.6	0.053	15.80	14.40
30203	17.000	40.000	13.250	12.000	11.000	1.0	1.0	0.080	21.20	21.30
30204	20.000	47.000	15.250	14.000	12.000	1.0	1.0	0.126	28.20	30.60
30205	25.000	52.000	16.250	15.000	13.000	1.0	1.0	0.157	35.40	39.40
30206	30.000	62.000	17.250	16.000	14.000	1.0	1.0	0.231	45.40	50.50
30207	35.000	72.000	18.250	17.000	15.000	1.5	1.5	0.331	56.80	63.50
30208	40.000	80.000	19.750	18.000	16.000	1.5	1.5	0.422	63.00	74.00
30209	45.000	85.000	20.750	19.000	16.000	1.5	1.5	0.474	71.30	83.80
30210	50.000	90.000	21.750	20.000	17.000	1.5	1.5	0.530	73.30	92.10
30211	55.000	100.000	22.750	21.000	18.000	2.0	1.5	0.712	94.60	112.80
30212	60.000	110.000	23.750	22.000	19.000	2.0	1.5	0.904	103.30	130.00
30213	65.000	120.000	24.750	23.000	20.00	2.0	1.5	1.130	120.60	152.60
30214	70.000	125.000	26.250	24.000	21.000	2.0	1.5	1.261	138.30	173.70
30215	75.000	130.000	27.250	25.000	22.000	2.0	1.5	1.360	138.40	185.40
30216	80.000	140.000	28.250	26.000	22.000	2.5	2.0	1.675	167.70	212.90
30217	85.000	150.000	30.500	28.000	24.000	0.6	0.3	2.060	177.60	236.80
30302	15.000	42.000	14.250	13.000	11.000	1.0	1.0	0.095	23.90	21.60
30303	17.000	47.000	15.250	14.000	12.000	1.0	1.0	0.130	29.70	27.20
30304	20.000	52.000	16.250	15.000	13.000	1.5	1.5	0.170	34.70	33.20
30305	25.000	62.000	18.250	17.000	15.000	1.5	1.5	0.260	49.20	48.10
30306	30.000	72.000	20.750	19.000	16.000	1.5	1.5	0.387	61.70	63.10
30307	35.000	80.000	22.750	21.000	18.000	2.0	1.5	0.520	78.80	82.60
30308	40.000	90.000	25.250	23.000	20.000	2.0	1.5	0.745	95.20	107.50
30309	45.000	100.000	27.250	25.000	22.000	2.0	1.5	0.983	114.05	129.80
30310	50.000	110.000	29.250	27.000	23.000	2.5	2.0	1.256	130.10	157.10
30311	55.000	12.000	31.500	29.000	25.000	2.5	2.0	1.530	153.30	187.60
30312	60.000	130.000	33.500	31.000	26.000	3.0	2.5	1.990	171.40	210.00
30314	70.000	150.000	38.000	35.000	30.000	3.0	2.5	2.980	219.00	271.70
31306	30.000	72.000	20.750	19.000	14.000	1.5	1.5	0.392	52.50	60.30
31307	35.000	80.000	22.750	21.000	15.000	2.0	1.5	0.517	67.90	76.30
31308	40.000	90.000	25.250	23.000	17.000	2.0	1.5	0.727	81.40	96.40
31309	45.000	100.000	27.250	25.000	18.000	2.0	1.5	0.944	95.60	113.80
31313	65.000	140.000	35.000	33.000	23.000	3.0	2.5	2.370	165.70	202.60
32004X	20.000	42.000	15.000	15.000	12.000	0.6	0.6	0.098	26.30	30.00
32005X	25.000	47.000	15.000	15.000	11.500	0.6	0.6	0.112	28.00	34.10
32006X	30.000	55.000	17.000	17.000	13.000	1.0	1.0	0.174	38.90	48.90
32007X	35.000	62.000	18.000	18.000	14.000	1.0	1.0	0.220	42.00	56.00
32008X	40.000	68.000	19.000	19.000	14.500	1.0	1.0	0.270	47.00	67.30
32009X	45.000	75.000	20.000	20.000	15.500	1.0	1.0	0.340	59.60	80.10

32010X	50.000	80.000	20.000	20.000	15.500	1.0	1.0	0.368	63.00	88.00
32011X	55.000	90.000	23.000	23.000	17.500	1.5	1.5	0.552	79.70	115.60
32012X	60.000	95.000	23.000	23.000	17.500	1.5	1.5	0.578	83.80	121.50
32013X	65.000	100.000	23.000	23.000	17.500	1.5	1.5	0.620	82.80	127.30
32014X	70.000	110.000	25.000	25.000	19.000	1.5	1.5	0.841	101.70	158.00
32015X	75.000	115.000	25.000	25.000	19.000	1.5	1.5	0.872	103.10	160.20
32016X	80.000	125.000	29.000	29.000	22.000	1.5	1.5	1.252	141.00	220.00
32017X	85.000	130.000	29.000	29.000	22.000	1.5	1.5	1.318	139.80	220.30
32204	20.000	47.000	19.250	18.000	15.000	1.0	1.0	0.161	37.00	40.60
32205	25.000	52.000	19.250	18.000	16.000	1.0	1.0	0.184	43.00	48.00
32206	30.000	62.000	21.250	20.000	17.000	1.0	1.0	0.286	54.34	63.70
32207	35.000	72.000	24.250	23.000	19.000	1.5	1.5	0.446	74.00	89.50
32208	40.000	80.000	24.750	23.000	19.000	1.5	1.5	0.532	77.90	97.20
32209	45.000	85.000	24.750	23.000	19.000	1.5	1.5	0.580	84.10	103.00
32210	50.000	90.000	24.750	23.000	19.000	1.5	1.5	0.625	86.70	107.60
32211	55.000	100.000	26.750	25.000	21.000	2.0	1.5	0.854	112.70	141.50
32212	60.000	110.000	29.750	28.000	24.000	2.0	2.0	1.168	132.80	179.60
32213	65.000	120.000	32.750	31.000	27.000	2.0	1.5	1.550	160.90	221.70
32214	70.000	125.000	33.250	31.000	27.000	2.0	1.5	1.641	173.10	237.10
32216	80.000	140.000	35.250	33.000	28.000	2.5	2.0	2.132	198.10	279.00
32217	85.000	150.000	38.500	36.000	30.000	2.5	2.0	2.680	226.70	324.00
32219	95.000	170.000	45.500	43.000	37.000	3.0	2.5	4.240	302.50	448.40
32304	20.000	52.000	22.250	21.000	18.000	1.5	1.5	0.230	44.60	46.30
32305	25.000	62.000	25.250	24.000	20.000	1.5	1.5	0.369	64.60	68.80
32306	30.000	72.000	28.750	27.000	23.000	1.5	1.5	0.565	85.50	96.40
32307	35.000	80.000	32.750	31.000	25.000	2.0	1.5	0.764	103.60	118.30
32308	40.000	90.000	35.250	33.000	27.000	2.0	1.5	1.044	120.80	147.10
32309	45.000	100.000	38.250	36.000	30.000	2.0	1.5	1.403	152.20	189.30
32310	50.000	110.000	42.250	40.000	33.000	2.5	2.0	1.890	177.50	236.10
32311	55.000	120.000	45.500	43.000	35.000	2.5	2.0	2.363	212.7	271.30
32312	60.000	130.000	48.500	46.000	37.000	3.0	2.5	2.900	226.70	303.00
32313	65.000	140.000	51.000	48.000	39.000	3.0	2.5	3.514	269.3	349.80
32907	35.000	55.000	14.000	14.000	11.500	0.6	0.6	0.119	25.40	34.20
32908	40.000	62.000	15.000	15.000	12.000	0.6	0.6	0.158	31.60	46.10
32912	60.000	85.000	17.000	17.000	14.000	1.0	1.0	0.282	45.30	70.90
33005	25.000	47.000	17.000	17.000	14.000	0.6	0.6	0.131	32.50	42.50
33012	60.000	95.000	27.000	26.000	21.000	1.5	1.5	0.666	79.70	116.40
33013	65.000	100.000	27.000	27.000	21.000	1.5	1.5	0.740	100.90	163.60
33016	80.000	125.000	36.000	36.000	29.500	1.5	1.5	1.615	175.80	293.10
33019	95.000	145.000	39.000	39.000	32.500	2.0	2.0	2.260	231.00	389.90
33021	105.000	160.000	43.000	43.000	34.000	2.5	2.0	2.980	257.00	437.00
33108	40.000	75.000	26.000	26.000	20.500	1.5	1.5	0.484	78.00	98.40
33109	45.000	80.000	26.000	26.000	20.500	1.5	1.5	0.536	87.10	117.20

33110	50.000	85.000	26.000	26.000	20.000	1.5	1.5	0.595	89.50	124.70
33113	65.000	110.000	34.000	34.000	26.500	1.5	1.5	1.300	142.80	220.40
33116	80.000	130.000	37.000	37.000	29.000	2.0	1.5	1.864	180.00	292.00
33118	90.000	150.000	45.000	45.000	35.000	2.5	2.0	3.130	252.10	414.70
33205	25.000	52.000	22.000	22.000	18.000	1.0	1.0	0.215	47.10	55.80
33206	30.000	62.000	25.000	25.000	19.500	1.0	1.0	0.343	63.80	75.40
33207	35.000	72.000	28.000	28.000	22.000	1.5	1.5	0.510	82.60	101.70
33212	60.000	110.000	38.000	38.000	29.000	2.0	1.5	1.510	165.80	231.40
33213	65.000	120.000	41.000	41.000	32.000	2.0	1.5	1.990	202.20	281.60
320/22XF	22.000	44.000	15.000	15.000	11.500	1.0	1.0	0.102	26.10	30.30
320/28X	28.000	52.000	16.000	16.000	12.000	1.0	1.0	0.144	31.40	40.40
320/28XF	28.000	52.000	16.000	16.000	12.000	1.5	1.5	0.144	31.40	40.40
320/32XF	32.000	58.000	17.000	17.000	13.000	1.0	1.0	0.188	38.60	49.20
320/32XR	32.000	58.000	17.000	17.000	13.000	3.2	1.0	0.188	38.60	49.20
35KC802	35.000	80.000	29.150	28.500	22.000	2.0	2.0	0.7107	91.20	109.00
50KB801	50.000	80.000	22.000	20.000	17.500	3.5	1.5	0.395	61.00	89.00
50KB8301	50.000	83.000	24.000	20.500	19.000	4.0	1.3	0.460	68.60	90.50
T5FC030	30.000	72.000	24.000	23.000	16.500	0.5	1.5	0.449	56.30	61.30
T5GD035	35.000	89.000	38.000	38.000	27.500	1.0	1.5	1.203	112.20	148.30
T2CC050	50.000	83.000	20.500	20.500	15.500	3.5	1.0	0.396	68.60	87.00
T2CC050/T2CC050J	50.000	83.000	20.500	20.500	15.500	3.5	1.0	0.396	68.60	87.00
S-479505	75.000	140.000	34.250	32.000	28.000	0.5	2.0	2.255	208.90	282.50
T3DD080	80.000	130.000	35.000	34.000	28.500	3.6	2.5	1.707	160.00	250.20
T4DC090	90.000	145.000	35.000	34.000	27.000	6.5	3.2	2.085	180.50	293.10
32004XR	20.000	42.000	15.000	15.000	12.000	2.0	0.6	0.098	26.30	30.00
32004XRZ	20.000	42.000	15.000	15.000	12.000	2.0	1.0	0.098	26.30	30.00
XAA32004X/YAA32004	20.000	42.000	15.000	15.000	12.000	2.0	1.0	0.098	26.30	30.00
32005XR	25.000	47.000	15.000	15.000	11.500	SP	0.6	0.112	28.00	34.10
32005XRZ	25.000	47.000	15.000	15.000	11.500	SP	1.0	0.112	28.00	34.10
32005XR/26	26.000	47.000	15.000	15.000	11.500	SP	0.6	0.112	28.00	34.10
xAA32005X/YAA32005X	25.000	47.000	15.000	15.000	11.500	3.3	1.0	0.112	28.00	34.10
32007X30/32007X	30.000	62.000	18.000	18.000	14.000	1.5	1.5	0.250	42.00	56.00
32007X34/32007XF	34.000	62.000	18.000	18.000	14.000	1.5	1.5	0.231	42.00	56.00
32007XRZ	35.000	62.000	18.000	18.000	14.000	SP	1.5	0.221	42.00	56.00
NP316592/32007X	35.000	62.000	18.000	18.000	14.000	3.0	1.0	0.221	42.00	56.00
32008X1WC	40.000	72.000	19.000	19.000	14.500	1.0	1.0	0.328	52.00	73.00
XAA32008X	40.000	68.000	19.000	19.000	14.500	3.5	1.0	0.270	47.00	67.30
JXC18437CA/32008XZ	41.000	68.000	19.000	21.000	14.500	2.0	1.0	0.270	47.00	67.30
XAA32009X/32009X	45.000	75.000	20.000	20.000	15.500	3.0	1.0	0.339	59.60	80.10
32010XR	50.000	80.000	20.000	20.000	15.500	3.0	1.0	0.368	63.00	88.00
XAA32010X/Y32010XZ	50.000	80.000	20.000	20.000	15.500	2.3	1.0	0.368	63.00	88.00
AB-32010X/32010X	50.000	80.000	20.000	20.000	15.500	3.0	1.0	0.368	60.00	88.00
32010XZ/Y32010XZ	50.000	80.000	20.000	20.000	15.500	1.0	1.0	0.368	63.00	88.00

JXC25678CAIY32011XZ	55.000	90.000	23.000	23.000	17.500	3.0	1.5	0.550	79.70	115.60
515979/30206A	30.000	62.000	17.250	16.000	14.000	SP	1.0	0.226	45.40	50.50
30207/80F	35.000	80.000	18.250	17.000	15.000	1.5	1.5	0.443	56.80	63.50
30207/37F	37.000	72.000	18.250	17.000	15.000	2.0	2.0	0.315	56.80	63.50
L30208	40.000	85.000	7.750	18.000	16.000	1.5	2.0	0.432	63.00	74.00
L30210	50.000	95.000	8.750	20.000	17.000	1.5	2.0	0.539	73.30	92.10
303/28F	28.000	68.000	19.750	18.000	16.000	1.5	1.5	0.331	53.10	52.40
30304C	20.000	52.000	16.250	16.000	12.000	1.5	1.5	0.166	33.10	31.60
30306C	30.000	72.000	20.750	19.000	14.000	1.5	1.5	0.378	57.70	56.70
H30306C	30.000	72.000	20.650	19.000	16.000	0.3	1.5	0.388	57.70	56.70
30309X2B	45.000	100.000	31.850	29.000	20.500	2.5	2.5	1.036	102.20	112.50
32204R	20.000	47.000	19.250	18.000	15.000	0.3	0.3	0.161	37.00	40.60
32205B	25.000	52.000	19.250	18.000	15.000	1.0	1.0	0.195	39.00	47.80
32306C	30.000	72.000	28.750	27.000	23.000	2.0	2.0	0.589	70.70	89.90
32306-KL	30.000	72.000	28.750	27.000	23.000	1.5	1.5	0.565	85.50	96.40
32307BC	35.000	80.000	32.750	31.000	25.000	2.0	1.5	0.808	96.40	122.40
32308F/32308	38.000	90.000	35.250	33.000	27.000	2.5	2.0	1.075	120.80	147.10
32308B	40.000	90.000	35.250	33.000	27.000	2.0	1.5	1.124	110.20	141.50
32308C	40.000	90.000	35.250	33.000	26.000	2.0	1.5	1.069	110.20	141.50
32308-KL	40.000	90.000	35.250	33.000	27.000	2.0	1.5	1.044	120.80	147.10
XAA33108/Y33108Z	40.000	75.000	26.000	26.000	20.500	3.5	1.5	0.484	78.00	98.40
33113X2	65.000	110.000	30.500	30.000	24.000	3.0	3.0	1.114	125.70	184.80
英制轴承型号 Inch Bearing No	外形尺寸 Boundary Dimensions							重量	动负荷	静负荷
	d	D	T	B	C	R	r	Weight	Dynamic	Static
	mm					min	min	w	Cr	Cor
								kg	KN	KN
CBK-170B	15.000	35.000	11.000	10.750	8.500	1.0	1.3	0.050	16.30	15.00
CBK-257	15.000	42.000	12.900	13.500	10.000	2.0	1.5	0.096	22.50	23.50
05066/05185	16.993	47.000	14.381	14.381	11.112	1.5	1.3	0.127	25.90	26.60
LM11749/LM11710	17.463	39.878	13.843	14.605	10.668	1.3	1.3	0.085	22.30	22.80
A6075/A6157	19.050	39.992	12.014	11.153	9.525	1.0	1.3	0.066	12.90	12.90
4A-6	19.050	44.450	12.700	11.908	9.525	1.5	1.5	0.090	20.20	20.50
LM11949/LM11910	19.050	45.237	15.494	16.637	12.065	1.3	1.3	0.121	29.00	30.30
LM11949X/LM11910X	19.050	45.237	15.494	16.637	12.065	SP	SP	0.121	29.00	30.30
LM11949RS/LM11910	19.050	46.000	15.494	16.637	12.065	1.3	1.3	0.127	29.00	30.30
09067/09195	19.050	49.225	18.034	19.050	14.288	1.3	1.3	0.174	38.00	38.20
09067/09196	19.050	49.225	21.209	19.050	17.462	1.3	1.5	0.194	38.00	38.20
09074/09194	19.050	49.225	23.020	21.539	17.462	1.5	3.5	0.198	38.00	38.20
09074/09195	19.050	49.225	19.845	21.539	14.288	1.5	1.3	0.183	38.00	38.20
09074/09196	19.050	49.225	23.020	21.539	17.462	1.5	1.5	0.202	38.00	38.20
CBK-173	20.000	43.000	13.200	12.000	11.000	3.0	1.5	0.086	22.00	23.00
09081/09195	20.625	49.225	19.845	21.539	14.288	1.5	1.3	0.174	38.00	38.20

09081/09196	20.625	49.225	23.020	21.539	17.462	1.5	1.5	0.193	38.00	38.20
LM12748/LM12710	21.430	45.237	15.494	16.638	12.065	1.3	1.3	0.121	27.80	33.40
M12649/M12610	21.430	50.005	17.526	18.288	113.970	1.3	1.3	0.170	39.80	40.60
JL22349/JL22310-P	22.000	41.000	14.400	14.400	11.400	1.0	1.0	0.082	26.30	30.00
LM12749/LM12710	22.000	45.237	15.494	16.637	12.065	1.3	1.3	0.117	27.80	33.40
LM12749/LM12711	22.000	46.000	15.494	16.637	12.065	1.3	1.3	0.120	27.80	33.40
M12648/M12610	22.225	50.005	17.526	18.288	13.970	1.3	1.3	0.164	39.80	40.60
07087/07210X	22.225	50.800	15.011	14.260	12.700	1.3	1.5	0.147	26.78	28.93
07087X/07210X	22.225	50.800	15.011	14.260	12.700	1.5	1.5	0.147	26.78	28.93
07087/07204	22.225	51.994	15.011	14.260	12.700	1.3	1.3	0.157	26.78	28.93
1380/1328	22.225	52.388	19.368	20.168	14.288	1.5	1.5	0.192	40.00	41.00
1755/1729	22.225	56.896	19.368	19.837	15.875	1.3	1.3	0.249	40.50	43.50
CBK-258	23.000	52.000	15.000	14.260	12.700	3.2	2.0	0.151	28.10	31.00
1779/1729X	23.812	56.896	19.368	19.837	15.875	0.8	1.5	0.205	40.50	43.50
07097/07204	25.000	51.994	15.011	14.260	12.700	1.5	1.3	0.145	26.78	28.93
07100/07196	25.400	50.005	13.495	14.260	9.525	1.0	1.0	0.117	26.78	28.93
07100S/07196	25.400	50.005	13.495	14.260	9.525	1.5	1.0	0.117	26.78	28.93
L44643/L44610	25.400	50.292	14.224	14.732	10.668	1.3	1.3	0.128	26.70	32.50
144643RS/L44610	25.400	50.292	14.224	14.732	10.668	1.3	1.3	0.134	26.70	32.50
07100S/07210X	25.400	50.800	15.011	14.260	12.700	1.5	1.5	0.133	26.78	28.93
07100/07204	25.400	51.994	15.011	14.260	12.700	1.0	1.3	0.143	26.78	28.93
1780/1729	25.400	56.896	19.368	19.837	15.875	0.8	1.3	0.231	40.50	43.50
15578/15520	25.400	57.150	17.463	17.462	13.495	1.3	1.5	0.218	37.80	42.70
1986/1922	25.400	57.150	19.845	19.355	15.875	1.3	1.5	0.236	41.90	46.90
M84548/M84510	25.400	57.150	19.845	19.355	15.875	1.5	1.5	0.239	42.10	49.30
1986/1932	25.400	58.738	19.050	19.355	15.080	1.3	1.3	0.248	41.90	46.90
M84249/M84210	25.400	59.530	23.368	23.114	18.288	0.8	1.5	0.319	50.30	56.80
1986/1931	25.400	60.325	19.845	19.355	15.875	1.3	1.3	0.273	41.90	46.90
15101/15243	25.400	61.912	19.050	20.638	14.288	0.8	2.0	0.292	44.70	50.90
15100/15245	25.400	62.000	19.050	20.638	14.288	3.5	1.3	0.292	44.70	50.90
15101/15245	25.400	62.000	19.050	20.638	14.288	0.8	1.3	0.294	44.70	50.90
15102/15245	25.400	62.000	19.050	20.638	14.288	1.5	1.3	0.300	44.70	50.90
15100/15250	25.400	63.500	20.638	20.638	15.875	3.5	1.3	0.324	44.70	50.90
15100/15250X	25.400	63.500	20.638	20.638	15.875	3.5	1.5	0.324	44.70	50.90
15101/15250	25.400	63.500	20.638	20.638	15.875	0.8	1.3	0.304	44.70	50.90
15101/15250X	25.400	63.500	20.638	20.638	15.875	0.8	1.5	0.304	44.70	50.90
15579X/15520	25.987	57.150	17.463	17.462	13.495	3.5	1.5	0.212	37.80	42.70
CBK-171	26.000	52.000	15.000	14.260	12.700	3.2	2.0	0.138	28.10	31.00
15103S/15245	26.162	62.000	19.050	19.939	14.288	0.8	1.3	0.224	44.70	50.90
M84549/M84510	26.987	57.150	19.431	19.431	14.732	1.5	1.5	0.229	42.10	49.30
L44649/L44610	26.988	50.292	14.224	14.732	10.668	3.5	1.3	0.119	26.70	32.50
15580/15520	26.988	57.150	17.463	17.462	13.495	3.5	1.5	0.212	37.80	42.70
15106/15245	26.988	62.000	19.050	20.638	14.288	0.8	1.3	0.284	44.70	50.90

15106/15250	26.988	63.500	20.638	20.638	15.875	0.8	1.3	0.310	44.70	50.90
15106/250X	26.988	63.500	20.638	20.638	15.875	0.8	1.5	0.316	44.70	50.90
J115585/15520	28.000	57.150	17.463	17.462	13.495	3.5	1.5	0.200	37.80	42.70
1985/1922	28.575	57.150	19.845	19.355	15.875	0.8	1.5	0.216	41.90	46.90
1988/1922	28.575	57.150	19.845	19.355	15.875	3.5	1.5	0.213	41.00	45.00
1985/1932	28.575	58.738	19.050	19.355	15.080	0.8	1.3	0.228	41.90	46.90
1985/1931	28.575	60.325	19.845	19.355	15.875	0.8	1.3	0.253	41.90	46.90
15112/15245	28.575	62.000	19.050	20.638	14.288	3.5	1.3	0.270	44.70	50.90
15112/15250	28.575	63.500	20.638	15.875	3.500	3.5	1.3	0.302	44.70	50.90
15112/15250X	28.575	63.500	20.638	20.638	15.875	3.5	1.5	0.300	44.70	50.90
M86647/M86610	28.575	64.292	21.433	21.433	16.670	1.5	1.5	0.343	48.10	67.00
12689/2631	28.575	66.421	23.813	25.433	19.050	1.3	1.3	0.409	66.40	74.30
102474/02420	28.575	68.262	22.225	22.225	17.462	0.8	1.5	0.399	56.20	65.70
12474/2420	28.575	68.262	22.225	23.812	17.462	0.8	1.5	0.410	64.70	73.70
02872/02820	28.575	73.025	22.225	22.225	17.462	0.8	3.3	0.473	56.00	66.00
1329013A/Q	29.000	50.292	14.224	17.500	10.700	2.5	1.3	0.119	27.70	33.86
145449/L45410	29.000	50.292	14.224	14.732	10.668	3.5	1.3	0.109	30.00	37.80
115117/15245	29.987	62.000	19.050	20.638	14.288	1.3	1.3	0.260	44.70	50.90
14118/14274	30.000	69.012	19.845	19.202	15.875	0.8	3.3	0.352	48.10	57.80
JLM88540Z/JLM88510Z	30.000	72.000	29.370	27.783	23.020	1.3	3.3	0.606	74.14	100.96
114118/14283	30.000	72.085	22.385	19.202	18.415	0.8	2.3	0.395	48.10	57.80
M86649/M86610	30.162	64.292	21.433	21.433	16.670	1.5	1.5	0.332	48.10	67.00
M88043/M88010	30.162	68.262	22.225	22.225	17.462	2.3	1.5	0.398	56.10	71.00
M88043/M88011	30.162	68.262	22.225	22.225	17.462	2.3	2.3	0.373	56.10	71.00
15118/15245	30.213	62.000	19.050	20.638	14.288	3.5	1.3	0.254	44.70	50.90
15118/15250	30.213	63.500	20.638	15.875	15.875	3.5	1.3	0.286	44.70	50.90
15118/15250X	30.213	20.638	20.638	15.875	15.875	3.5	1.5	0.286	44.70	50.90
LM67048Z/LM67010BA	31.750	58.877	6.833	16.764	11.811	SP	1.3	0.176	33.90	42.50
LM67045/LM67010	31.750	59.131	15.875	18.500	11.811	2.0	1.3	0.188	33.90	42.50
LM67048/LM67010	31.750	59.131	15.875	16.764	11.811	SP	1.3	0.177	33.90	42.50
LM67048RS/LM67010	31.750	59.131	15.875	16.764	11.811	SP	1.3	0.185	33.90	42.50
LM67049A/LM67010	31.750	59.131	15.875	16.764	11.811	0.8	1.3	0.183	33.90	42.50
LM67049AX/LM67010X	31.750	59.131	15.875	16.764	11.811	0.3	0.5	0.183	37.80	42.70
15123/15243	31.750	61.912	18.161	19.050	14.288	SP	2.0	0.236	44.70	50.90
LM67048/LM67014	31.750	61.986	15.875	16.764	11.811	Sp	1.3	0.197	33.90	42.50
LM67049A/LM67014	31.750	61.986	15.875	16.764	11.811	0.8	1.3	0.203	33.90	42.50
15123/15244	31.750	62.000	19.749	19.050	15.875	SP	1.3	0.252	44.70	50.90
15123/15245	31.750	62.000	18.161	19.050	14.288	SP	1.3	0.238	44.70	50.90
15126/15245	31.750	62.000	19.050	20.638	14.288	0.8	1.3	0.247	44.70	50.90
15123/15250X	31.750	63.500	19.749	19.050	15.875	SP	1.5	0.270	44.70	50.90
15126/15250X	31.750	63.500	20.638	20.638	15.875	0.8	1.5	0.280	44.70	50.90
02475/02420	31.750	68.262	22.225	22.225	17.462	3.5	1.5	0.370	56.20	65.70
M88046/M88010	31.750	68.262	22.225	22.225	17.462	1.5	1.5	0.398	56.10	71.00

14123AA/14274	31.750	69.012	26.983	26.721	15.875	4.3	3.3	0.384	48.10	57.80
14123AA/14276	31.750	69.012	26.983	26.721	15.875	4.3	1.3	0.385	48.10	57.80
14125A/14274	31.750	69.012	19.845	19.583	15.875	3.5	3.3	0.341	48.10	57.80
14125A/14276	31.750	69.012	19.845	19.583	15.875	3.5	1.3	0.342	48.10	57.80
14125A/14283	31.750	72.085	22.385	19.583	18.415	3.5	2.3	0.380	48.10	57.80
HM88542/HM88510	31.750	73.025	29.370	27.783	23.020	1.3	3.3	0.611	74.10	101.00
JL26749/JL26710	32.000	53.000	14.501	15.000	11.500	SP	1.3	0.122	30.60	39.50
M88048/M88010	33.338	68.262	22.225	22.225	17.462	0.8	1.5	0.373	56.10	71.00
14130/14274	33.338	69.012	19.845	19.583	15.875	3.5	3.3	0.326	48.10	57.80
14130/14276	33.338	69.012	19.845	19.583	15.875	3.5	1.3	0.328	48.10	57.80
14131/14274	33.338	69.012	19.845	19.583	15.875	0.8	3.3	0.327	48.10	57.80
14131/14276	33.338	69.012	19.845	19.583	15.875	0.8	1.3	0.328	48.10	57.80
HM88547/HM88510	33.338	73.025	29.370	27.783	23.020	0.8	3.3	0.590	74.10	101.00
2790/2720	33.338	76.200	23.812	25.654	19.050	1.5	3.3	0.547	75.50	94.00
HM89443/HM89410	33.338	76.200	29.370	28.575	23.020	0.8	3.3	0.653	79.60	107.00
LM48548/LM48510	34.925	65.088	18.034	18.288	13.970	SP	1.3	0.250	45.70	58.00
LM48548A/LM48510	34.925	65.088	18.034	18.288	13.970	0.8	1.3	0.251	45.70	58.00
14585/14525	34.925	68.262	20.638	20.638	15.875	3.5	2.3	0.331	51.10	61.00
LM48548/LM48514XP	34.925	68.262	18.034	18.288	13.970	SP	1.2	0.250	45.70	58.00
14136A/14276	34.925	69.012	26.983	26.721	15.875	0.8	1.3	0.349	48.10	57.80
14137A/14274	34.925	69.012	19.845	19.583	15.875	1.5	3.3	0.317	48.10	57.80
14137A/14276	34.925	69.012	19.845	19.583	15.875	1.5	1.3	0.318	48.10	57.80
14137AS/14276	34.925	69.012	19.845	19.583	15.875	0.5	1.3	0.318	48.10	57.80
14138A/14274	34.925	69.012	19.845	19.583	15.875	3.5	3.3	0.314	48.10	57.80
14138A/14276	34.925	69.012	19.845	19.583	15.875	3.5	1.3	0.315	48.10	57.80
14138A/14283	34.925	72.085	22.385	19.583	18.415	3.5	2.3	0.356	48.10	57.80
HM88649/HM88610	34.925	72.233	25.400	25.400	19.842	2.3	2.3	0.483	66.90	87.30
25877/25821	34.925	73.025	23.812	24.608	19.050	1.5	0.8	0.467	72.50	87.90
HM89446/HM89410	34.925	76.200	29.370	28.575	23.020	3.5	3.3	0.642	79.60	107.00
28137/28317	34.925	80.035	21.433	20.940	15.875	1.5	1.5	0.496	57.30	65.90
L68149/L68110	35.000	59.131	15.875	16.764	11.938	SP	1.3	0.167	33.30	44.40
32822CA/Q	35.000	60.000	13.000	18.500	13.000	2.0	1.0	0.164	26.70	30.20
JL68145/JL68111Z	35.000	60.000	15.875	18.460	11.938	2.0	1.3	0.185	31.50	47.50
L68149/L68111	35.000	60.000	15.875	16.764	11.938	SP	1.3	0.175	33.30	44.40
LM78349/LM78310A	35.000	62.000	16.700	17.000	13.600	SP	1.5	0.203	40.90	52.80
L68149/L68116	35.000	65.088	15.875	16.764	11.938	SP	1.3	0.222	33.30	44.40
HM88648/HM88610	35.717	72.233	25.400	25.400	19.842	3.5	2.3	0.473	66.90	87.30
HM89448/HM89410	36.512	76.200	29.370	28.575	23.020	0.8	3.3	0.623	79.20	106.00
HM89449/HM89410	36.512	76.200	29.370	28.575	23.020	3.5	3.3	0.623	79.20	106.00
HM89249/HM89210	36.512	79.375	29.370	28.829	22.664	3.5	3.3	0.685	89.00	108.60
JL69345/JL69310Z	38.000	63.000	17.000	19.000	13.500	SP	1.3	0.205	38.60	52.40
JL69348Z/JL69310Z	38.000	63.000	17.000	17.000	13.500	3.3	1.3	0.199	38.60	52.40
JL69349/JL69310	38.000	63.000	17.000	17.000	13.500	SP	1.3	0.199	38.60	52.40

57410S/LM29710S	38.100	65.088	18.034	21.139	13.970	SP	1.3	0.231	43.30	56.80
LM29748/LM29710	38.100	65.088	18.034	18.288	13.970	SP	1.3	0.226	43.30	56.80
LM29749/LM29710	38.100	65.088	18.034	18.288	13.970	2.3	1.3	0.231	43.30	56.80
LM29749/LM29711	38.100	65.088	19.812	18.288	15.748	2.3	1.3	0.245	43.30	56.80
LM29748RS/LM29710	38.100	65.088	18.034	18.288	13.970	3.5	1.3	0.236	43.30	56.80
19150/19268	38.100	68.262	15.875	16.520	11.908	1.5	1.5	0.235	47.10	55.50
13685L/13621	38.100	69.012	19.050	19.050	15.083	3.5	2.3	0.302	49.50	62.40
16150/16284	38.100	72.238	20.638	20.638	15.875	3.5	1.3	0.345	49.80	61.30
2788/2729	38.100	76.200	23.812	25.654	19.050	3.5	0.8	0.500	75.50	94.00
2788A/2729	38.100	76.200	23.812	25.654	19.050	1.5	0.8	0.500	75.50	94.00
3490/3420	38.100	79.375	29.370	29.771	23.812	3.5	3.3	0.645	87.60	105.60
25572/25520	38.100	82.931	23.812	25.400	19.050	0.8	0.8	0.639	78.00	100.00
J16154/J16285	39.000	72.014	21.400	20.638	16.637	3.5	0.4	0.352	49.80	61.30
M201047/M201011	39.688	73.025	25.654	22.098	21.336	0.8	2.3	0.422	63.00	81.00
344/332	40.000	80.000	21.000	22.403	17.826	3.5	1.3	0.459	69.00	74.00
350/354A	40.000	85.000	20.638	21.692	17.462	4.0	1.3	0.544	72.80	83.50
LM300849/LM300811	40.988	67.975	17.500	18.000	13.500	SP	1.5	0.237	44.40	59.80
18590/18520	41.275	73.025	16.667	17.462	12.700	3.5	1.5	0.277	47.00	55.70
LM501349/LM501310	41.275	73.431	19.558	19.812	14.732	3.5	0.8	0.328	56.10	69.50
LM501349/LM501314	41.275	73.431	21.431	19.812	16.604	3.5	0.8	0.348	56.10	69.50
24780/24720	41.275	76.200	22.225	23.020	17.462	3.5	0.8	0.420	66.70	83.30
26882/26822	41.275	79.375	23.812	25.400	19.050	3.5	0.8	0.522	77.00	98.60
336/332	41.275	80.000	21.000	22.403	17.826	0.8	1.3	0.448	69.00	74.00
M802048/M802011	41.275	82.550	26.543	25.654	20.193	3.5	3.3	0.604	84.00	105.70
44162/44348	41.275	88.500	25.400	23.698	17.462	2.3	1.5	0.675	75.60	84.80
4388/4335	41.275	90.488	39.688	40.386	33.338	3.5	3.3	1.203	130.30	170.50
25578/25520	42.862	82.931	23.812	25.400	19.050	2.3	0.8	0.578	78.00	100.00
25578/25523	42.862	82.931	26.988	25.400	22.225	2.3	2.3	0.621	78.00	100.00
25578/25521	42.862	83.058	23.812	25.400	19.050	2.3	3.3	0.572	78.00	100.00
25578/25522	42.862	83.058	23.876	25.400	19.114	2.3	2.0	0.578	78.00	100.00
26884/26823	42.875	76.200	25.400	25.400	20.638	3.5	1.5	0.449	77.00	98.60
25577/25520	42.875	82.931	23.812	25.400	19.050	3.5	0.8	0.575	78.00	100.00
25577/25521	42.875	83.058	23.812	25.400	19.050	3.5	3.3	0.569	78.00	100.00
25577/25522	42.875	83.058	23.876	25.400	19.114	3.5	2.0	0.580	78.00	100.00
25580/25520	44.450	82.931	23.812	25.400	19.050	3.5	0.8	0.555	78.00	100.00
25581/25520	44.450	82.931	23.812	25.400	19.050	0.5	0.8	0.558	78.00	100.00
25580/25521	44.450	83.058	23.812	25.400	19.050	3.5	3.3	0.549	78.00	100.00
25580/25522	44.450	83.058	23.876	25.400	19.114	3.5	2.0	0.554	78.00	100
355/354A	44.450	85.000	20.638	21.692	17.462	2.3	1.3	0.497	72.80	83.50
NP910415/M804010	44.450	88.900	25.400	25.400	19.050	3.5	3.3	0.680	90.20	113.00
3782/3720	44.450	93.264	30.162	30.302	23.812	3.5	3.3	0.943	104.50	138.80
25584/25520	44.983	82.931	23.812	25.400	19.050	1.5	0.8	0.547	78.00	100.00
25584/25521	44.983	83.058	23.812	25.400	19.050	1.5	3.3	0.541	78.00	100.00

4630/4628	44.988	82.55	21.974	21.000	15.000	3.5	3.3	0.463	66.50	81.80
25584A/25520	44.988	82.931	23.812	25.400	19.050	3.5	0.8	0.546	78.00	100.00
JLM603048F/JLM603013Z	45.000	78.000	21.501	24.000	15.000	3.5	2.3	0.392	57.50	73.50
17887/17831	45.230	79.985	19.842	20.638	15.080	2.0	1.3	0.400	62.20	79.30
LM102949/LM102910	45.242	73.431	19.558	19.812	15.748	3.5	0.8	0.304	55.90	78.10
LM603049/LM603011	45.242	77.788	19.842	19.842	15.080	3.5	0.8	0.355	57.50	73.50
LM603049/LM603012	45.242	77.788	21.430	19.842	16.667	3.5	0.8	0.373	57.50	73.50
LM603049/LM603014	45.242	79.974	19.842	19.842	15.080	3.5	0.8	0.386	57.50	73.50
25590/25520	45.618	82.931	23.812	25.400	19.050	3.5	0.8	0.540	78.00	100.00
25590/25521	45.618	83.058	23.812	25.400	19.050	3.5	3.3	0.534	78.00	100.00
25590/25522	45.618	83.058	23.876	25.400	19.114	3.5	2.0	0.540	78.00	100.00
LM503349/LM503310	45.987	74.975	18.001	18.000	14.000	2.3	1.5	0.297	53.10	74.80
LM503349A/LM503310	45.987	74.975	18.001	18.000	14.000	SP	1.5	0.297	53.10	74.80
369A/362A	47.625	88.900	20.638	22.225	16.513	3.5	1.3	0.528	72.40	84.60
369S/362A	47.625	88.900	20.638	22.225	16.513	2.3	1.3	0.528	72.40	84.60
M804049/M804010	47.625	88.900	25.400	25.400	19.050	3.5	3.3	0.638	90.20	113.00
369S/362	47.625	90.000	20.000	22.225	15.875	2.3	2.0	0.538	72.40	84.60
386A/382A	47.625	96.838	21.000	21.946	15.875	0.8	0.8	0.708	82.00	102.90
386A/382	47.625	98.425	21.000	21.946	17.826	0.8	0.8	0.756	82.00	102.90
HM804848/HM804810	48.412	95.250	30.163	29.370	23.020	2.3	3.3	0.932	104.40	140.30
365S/362A	49.212	88.900	20.638	22.225	16.513	0.8	1.3	0.511	72.40	84.60
5395/5335	49.212	103.188	43.658	44.475	36.512	3.5	3.3	1.687	169.00	227.00
JLM104945/JLM104910Z	50.000	82.000	21.500	27.700	17.000	3.0	0.5	0.449	69.50	94.00
JLM104948/JLM104910	50.000	82.000	21.500	21.500	17.000	3.0	0.5	0.417	69.50	94.00
JLM104948/JLM104911	50.000	82.550	21.115	21.500	16.510	3.0	1.3	0.420	69.50	94.00
JLM704649/JLM704610	50.000	84.000	22.000	22.000	17.500	3.5	1.5	0.464	70.80	96.21
JM205149/JM205110	50.000	90.000	28.000	28.000	23.000	3.0	2.5	0.724	105.50	138.80
396/3920	50.000	112.712	26.967	21.996	23.812	0.8	3.3	1.212	87.00	116.40
LM104949/JLM104910	50.800	82.000	21.976	22.225	17.000	3.5	0.5	0.412	69.50	94.00
LM104949/LM104911	50.800	82.550	21.590	22.225	16.510	3.5	1.3	0.416	69.50	94.00
LM104949/LM104912	50.800	82.931	21.590	22.225	16.510	3.5	1.3	0.422	69.50	94.00
18790/18720	50.800	85.000	17.463	17.462	13.495	3.5	1.5	0.369	50.10	65.40
368/362A	50.800	88.900	20.638	22.225	16.513	1.5	1.3	0.491	72.40	84.60
368-L/362A-L	50.800	88.900	20.638	22.225	16.513	1.0	0.9	0.491	72.40	84.60
368/362	50.800	90.000	20.000	22.225	15.875	1.5	2.0	0.499	72.40	84.60
368A/362	50.800	90.000	20.000	22.225	15.875	3.5	2.0	0.499	72.40	84.60
368-L/362-L	50.800	90.000	20.000	22.225	15.875	1.0	1.5	0.499	72.40	84.60
28580/28521	50.800	92.075	24.608	25.400	19.845	3.5	0.8	0.691	85.20	118.70
3780/3720	50.800	93.264	30.163	30.302	23.812	3.5	3.3	0.830	104.50	138.80
33889/33822	50.800	95.250	27.783	28.575	22.225	3.5	0.8	0.838	108.40	141.80
385A/382A	50.800	96.838	21.001	21.946	15.875	2.3	0.8	0.666	82.00	102.90
385A/382	50.800	98.425	21.001	21.946	17.826	2.3	0.8	0.713	82.00	102.90
45285A/45221	50.800	104.775	30.162	30.958	23.812	0.8	0.8	1.223	125.30	164.50

4580/4535	50.800	104.775	39.688	40.157	33.338	3.5	3.3	1.599	151.10	212.00
455/453A	50.800	107.950	27.783	29.317	22.225	0.8	0.8	1.234	109.20	144.20
368S/362A	51.592	88.900	20.638	22.225	16.513	2.0	1.3	0.479	72.40	84.60
368S/362	51.592	90.000	20.000	22.225	15.875	2.0	2.0	0.487	72.40	84.60
33891R/33821	52.388	95.250	27.783	28.575	22.225	2.3	2.3	0.808	108.40	141.80
LM806649/LM806610	53.975	88.900	19.050	19.050	13.492	2.3	2.0	0.438	63.20	86.80
539A/532A	53.975	111.125	38.100	36.957	30.162	5.5	3.3	1.598	145.10	183.80
6280/6220	53.975	127.000	50.800	52.388	41.275	3.5	3.3	3.219	254.50	328.60
JLM506849/JLM506810	55.000	90.000	23.000	23.000	18.500	1.5	0.5	0.547	82.80	114.70
JM207049A/JM207010	55.000	95.000	28.999	29.000	23.500	6.0	2.5	0.784	110.50	151.00
385/382A	55.000	96.838	21.001	21.946	15.875	2.3	0.8	0.606	82.00	102.90
385/382	55.000	98.425	21.001	21.946	17.826	2.3	0.8	0.653	82.00	102.90
387/382A	57.150	96.838	21.001	21.946	15.875	2.3	0.8	0.573	82.00	102.90
387/382S	57.150	96.838	25.400	21.946	20.274	2.3	2.3	0.640	82.00	102.90
387A/382A	57.150	96.838	21.001	21.946	15.875	3.5	0.8	0.570	82.00	102.90
387A/382S	57.150	96.838	25.400	21.946	20.274	3.5	2.3	0.640	82.00	102.90
387AS/382A	57.150	96.838	21.001	21.946	15.875	5.0	0.8	0.564	82.00	102.90
387S/382A	57.150	96.838	21.001	21.946	15.875	0.8	0.8	0.643	82.00	102.90
387S/382S	57.150	96.838	25.400	21.946	20.274	0.8	2.3	0.643	82.00	102.90
28682/28622	57.150	97.630	24.608	24.608	19.446	3.5	0.8	0.722	88.90	128.40
387/382	57.150	98.425	21.000	21.946	17.826	2.3	0.8	0.620	82.00	102.90
387A/382	57.150	98.425	21.001	21.946	17.826	3.5	0.8	0.617	82.00	102.90
387S/382	57.150	98.425	21.001	21.946	17.826	0.8	0.8	0.623	82.00	102.90
387A/383A	57.150	100.000	21.001	21.946	17.825	3.5	2.0	0.648	82.00	102.90
469Z/453XZ	57.150	104.775	30.163	29.317	24.605	3.6	3.3	1.025	109.20	144.20
555S/552A	57.150	123.825	38.100	36.678	30.162	3.5	3.3	2.132	162.70	223.70
388A/382	57.531	98.425	21.000	21.946	17.826	3.5	0.8	0.612	82.00	102.90
HM212044/HM212011	60.325	122.238	38.100	38.354	29.718	8.0	3.3	2.007	193.10	254.30
29585/29520	63.500	107.950	25.400	25.400	19.050	3.5	3.3	0.900	99.00	144.00
29586/29520	63.500	107.950	25.400	25.400	19.050	1.5	3.3	0.900	99.00	144.00
29586/29522	63.500	107.950	25.400	25.400	19.050	1.5	0.8	0.900	99.00	144.00
HM212047/HM212011	63.500	122.238	38.100	38.354	29.718	7.0	3.3	1.920	193.10	254.30
JM511946/JM511910	65.000	110.000	28.000	28.000	22.500	3.0	2.5	1.055	136.50	191.70
H212749/H212710	65.987	123.975	41.500	41.500	41.500	7.0	3.5	2.130	209.00	284.00
29590/29520	66.675	107.950	25.400	25.400	19.050	3.5	3.3	0.830	99.00	144.00
29590/29522	66.675	107.950	25.400	25.400	19.050	3.5	0.8	0.830	99.00	144.00
395A/394A	66.675	110.000	22.000	21.996	18.824		1.3	0.786	87.00	116.40
395S/394A	66.675	110.000	22.000	21.996	18.824	3.5	1.3	0.760	87.00	116.40
39590/39520	66.675	112.712	30.163	30.162	23.812	3.5	3.3	1.164	148.00	208.50
3984/3920	66.675	112.712	30.162	30.048	23.812	3.5	3.3	1.128	110.30	161.70
HM212049/HM212011	66.675	122.238	38.100	38.354	29.718	3.5	3.3	1.840	193.10	254.30
8658	73.025	100.013	16.993	16.993	12.954	1.5	0.4	0.360	53.10	86.40
8682	73.025	100.096	16.993	16.993	12.954	1.5	0.4	0.362	53.10	86.40

LM814849/LM814810	77.788	117.475	25.400	25.400	19.050	3.5	3.3	0.930	102.10	167.00
JM515649/JM515610	80.000	130.000	35.000	34.000	28.500	3.0	2.5	1.700	168.70	257.2
740/742	80.962	150.089	44.450	46.672	36.512	5.0	3.3	3.389	273.00	380.80
27687/27620	82.550	125.412	25.400	25.400	19.845	3.5	1.5	1.046	106.60	173.8
593A/592A	88.900	152.400	39.688	36.322	30.162	6.4	3.3	2.701	183.90	288.70
HM518445/HM518410	88.900	152.400	39.688	39.688	30.162	6.4	3.3	2.832	258.00	373.10
759/752	88.900	161.925	47.625	48.260	38.100	3.5	3.3	4.055	275.80	394.90
HM218248/HM218210	89.974	146.975	40.000	40.000	32.500	7.0	3.5	2.499	233.00	351.00
598A/592A	92.075	152.400	39.688	36.322	30.162	6.4	3.3	2.569	183.90	288.70
594A/592A	95.250	152.400	39.688	36.322	30.162	5.0	3.3	2.450	183.90	288.70
HM220149/HM220110	100.000	157.000	42.000	42.000	34.000	8.0	3.5	2.870	245.60	393.80