

Groove radial ball bearings – metric

GRW-designation	Main dimensions in [mm] [inch]		Bearing without closure in [mm] [inch]				Bearing with closure in [mm] [inch]				Chamfer in [mm] [inch]	Modification dimensions acc. to DIN 5418 [mm] [inch]		Load ratings acc. to DIN ISO ⁽²⁾ (max)		Closure variants ⁽³⁾		Max. limiting speed ⁽⁵⁾ [mm ⁻¹]	
	d	D	Width without closure B	Width with extended inner ring without closure B ₁	Flange dimensions without closure		Width with extended inner ring with closure B ₂	Width with extended inner ring with closure B ₃	Flange dimensions with closure			r _{s min} ⁽¹⁾	Shaft diameter d _{a min}	Housing diameter D _{a max}	C _r [N]	C _{0r} [N]	Shield ⁽⁴⁾	Seal ⁽⁴⁾	with closure or with shield
Basic symbols					Flange diameter FD	Flange width FB			Flange diameter FD ₁	Flange width FB ₁									
67/0,6	0.60 .0236	2.00 .0787	0.80 .0315	-	-	-	-	-	-	-	0.05 .002	1.00 .039	1.60 .063	27	7	-	-	170,000	-
68/1,5/0003	0.80 .0315	4.00 .1575	2.00 .0787	-	5.00 .1969	0.60 .0236	2.00 .0787	-	5.00 .1969	0.60 .0236	0.05 .002	1.20 .047	3.60 .142	163	44	X	-	138,000	-
681	1.00 .0394	3.00 .1181	1.00 .0394	-	-	-	2.00 .0787	-	-	-	0.05 .002	1.40 .055	2.60 .102	82	22	X	-	150,000	-
681/003	1.00 .0394	3.00 .1181	2.00 .0787	-	-	-	2.00 .0787	-	-	-	0.05 .002	1.40 .055	2.60 .102	52	21	X	-	170,000	-
691	1.00 .0394	4.00 .1575	1.60 .0630	-	-	-	2.30 .0906	-	-	-	0.10 .004	1.60 .063	3.40 .130	160	43	-	-	126,000	-
68/1,5/0001	1.00 .0394	4.00 .1575	-	-	-	-	2.00 .0787	-	5.00 .1969	0.60 .0236	0.05 .002	1.40 .055	3.60 .142	163	44	X	-	130,000	-
68/1,5/0011	1.00 .0394	4.00 .1575	2.00 .0787	-	5.00 .1969	0.60 .0236	2.00 .0787	-	-	-	0.05 .002	1.40 .055	3.60 .142	163	44	X	-	130,000	-
68/1,5	1.50 .0591	4.00 .1575	1.20 .0472	2.00 .0787	5.00 .1969	0.40 .0157	2.00 .0787	-	5.00 .1969	0.60 .0236	0.05 .002	1.90 .075	3.60 .142	163	44	X	-	153,000	-
68/1,5A	1.50 .0591	4.00 .1575	-	-	-	-	2.00 .0787	-	5.00 .1969	0.60 .0236	0.05 .002	2.10 .083	3.60 .142	112	33	X	-	120,000	-
69/1,5 ⁽⁴⁾	1.50 .0591	5.00 .1969	2.00 .0787	2.80 .1102	6.50 .2559	0.60 .0236	2.60 .1024	3.40 .130	6.50 .2559	0.80 .0315	0.15 .006	2.30 .091	4.20 .165	192	59	X	-	109,000	-
69/1,5/002	1.50 .0591	5.00 .1969	-	-	-	-	2.00 .0787	-	6.50 .2559	0.60 .0236	0.15 .006	2.30 .091	4.20 .165	192	59	X	-	93,000	-
60/1,5	1.50 .0591	6.00 .2362	2.50 .0984	-	7.50 .2953	0.60 .0236	3.00 .1181	-	7.50 .2953	0.80 .0315	0.15 .006	2.30 .091	5.20 .205	330	98	X	-	90,000	-
672	2.00 .0787	4.00 .1575	1.20 .0472	-	-	-	2.00 .0787	-	-	-	0.05 .002	2.40 .094	3.60 .142	124	40	X	-	104,000	-
682	2.00 .0787	5.0 .1969	1.50 .0591	2.30 .0906	6.10 .2402	0.50 .0197	2.30 .0906	3.10 .122	6.10 .2402	0.60 .0236	0.08 .003	2.50 .098	4.50 .177	192	59	X	X	116,000	71,000
682/003	2.00 .0787	5.00 .1969	-	-	-	-	2.50 .0984	-	6.20 .2441	0.60 .0236	0.10 .004	2.60 .102	4.40 .173	169	50	X	-	100,000	-
682/005	2.00 .0787	5.00 .1969	2.60 .1024	-	6.50 .2559	0.80 .0315	2.60 .1024	-	6.50 .2559	0.80 .0315	0.08 .003	2.50 .098	4.50 .177	192	59	X	-	105,000	-
692/003	2.00 .0787	6.00 .2362	2.00 .0787	-	-	-	-	-	-	-	0.15 .006	2.80 .110	5.20 .205	286	90	-	-	91,000	-
692	2.00 .0787	6.00 .2362	2.30 .0906	3.10 .1220	7.50 .2953	0.60 .0236	2.30 .0906	3.10 .122	7.50 .2953	0.60 .0236	0.15 .006	2.80 .110	5.20 .205	286	90	X	X	91,000	65,000

Note:

⁽¹⁾ r_{s min} = minimum single bearing chamfer or maximum permissible shaft or housing fillet radius.

⁽²⁾ Other load ratings are possible due to different ball sets with use of a non-standard retainer.

⁽³⁾ Different shields or seals available.

⁽⁴⁾ Bearings also available with 1 or 2 shields/seals.

⁽⁵⁾ Limiting speed also depends on seal material and the respective ball set.

• Ball bearings without shields or seals are also available with recesses.

• Please discuss your desired design in terms of flange, extended inner ring width, shield, seal, and material with our Technical Application Consultants to find out about availability.

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	d	D	Width without closure	Width with extended inner ring without closure	Flange dimensions without closure		Width with extended inner ring with closure	Width with extended inner ring with closure	Flange dimensions with closure			r _{s min} (1)	Shaft diameter d _{a min}	Housing diameter D _{a max}	C _r [N]	C _{0r} [N]	Shield (4)	Seal (4)	with closure or with shield
Basic symbols			B	B ₁	Flange diameter FD	Flange width FB	B ₂	B ₃	Flange diameter FD ₁	Flange width FB ₁									
692/005	2.00 .0787	6.00 .2362	2.50 .0984	-	7.20 .2835	0.60 .0236	2.50 .0984	-	-	-	0.15 .006	2.80 .110	5.20 .205	330	99	X	-	90,000	-
692/004	2.00 .0787	6.00 .2362	3.00 .1181	-	7.50 .2953	0.80 .0315	3.00 .1181	-	7.50 .2953	0.80 .0315	0.15 .006	2.80 .110	5.20 .205	330	99	X	-	95,000	-
683/0003	2.00 .0787	7.00 .2756	3.00 .1181	-	8.20 .3228	0.60 .0236	3.00 .1181	-	8.20 .3228	0.60 .0236	0.15 .006	2.80 .110	6.20 .244	386	129	X	-	75,000	-
693/0001	2.00 .0787	8.00 .3150	4.00 .1575	-	9.50 .3740	0.90 .0354	4.00 .1575	-	9.50 .3740	0.90 .0354	0.15 .006	2.80 .150	7.20 .283	644	215	X	-	67,000	-
67/2,35	2.35 .0925	5.00 .1969	1.50 .0591	2.30 .0906	6.10 .2402	0.50 .0197	2.30 .0906	-	6.10 .2402	0.60 .0236	0.08 .003	2.50 .098	4.50 .177	192	59	X	-	120,000	-
68/2,35	2.35 .0925	5.50 .2165	2.00 .0787	-	-	-	-	-	-	-	0.08 .003	2.90 .114	5.00 .197	286	90	-	-	91,000	-
67/2,5	2.50 .0984	5.00 .1969	1.50 .0591	-	-	-	-	-	-	-	0.08 .003	2.90 .114	4.60 .181	192	59	-	-	93,000	-
68/2,5	2.50 .0984	6.00 .2362	1.80 .0709	2.60 .1024	7.10 .2795	0.50 .0197	2.60 .1024	3.40 .1303	7.10 .2795	0.80 .0315	0.08 .003	3.00 .118	5.50 .217	286	90	X	X	101,000	61,000
69/2,5/002	2.50 .0984	7.00 .2756	-	-	-	-	2.50 .0984	-	-	-	0.10 .004	3.10 .122	6.40 .252	177	58	X	-	75,000	-
69/2,5	2.50 .0984	7.00 .2756	2.50 .0984	-	8.50 .3346	0.70 .0276	3.50 .1307	-	8.50 .3346	0.90 .0354	0.15 .006	3.30 .130	6.30 .248	432	149	X	X	87,000	53,000
683/0001	2.50 .0984	7.00 .2756	2.00 .0787	-	8.10 .3189	0.50 .0197	3.00 .1181	-	8.10 .3189	0.80 .0315	0.10 .004	3.60 .142	6.40 .252	432	149	X	-	88,000	-
60/2,5	2.50 .0984	8.00 .3150	2.80 .1102	3.60 .1417	9.50 .3740	0.70 .0276	2.80 .1102	3.60 .1417	9.50 .3740	0.70 .0276	0.15 .006	3.30 .130	7.20 .283	432	149	X	X	81,000	53,000
60/2,5/004	2.50 .0984	8.00 .3150	4.00 .1575	-	9.50 .3740	0.90 .0354	4.00 .1575	-	9.50 .3740	0.90 .0354	0.15 .006	3.30 .130	7.20 .283	552	177	X	-	71,000	-
673	3.00 .1181	6.00 .2362	2.00 .0787	-	7.20 .2835	0.60 .0236	2.00 .0787	-	-	-	0.08 .003	3.60 .142	5.40 .213	208	74	x	-	81,000	-
673/003	3.00 .1181	6.00 .2362	-	-	-	-	2.50 .0984	-	7.20 .2835	0.60 .0236	0.10 .004	3.60 .142	5.40 .213	208	74	X	-	80,000	-
683/63	3.00 .1181	7.00 .2751	3.00 .1181	3.80 .1496	-	-	3.00 .1181	3.80 .1496	-	-	0.10 .004	3.60 .142	7.40 .291	432	149	X	X	80,000	50,000
683	3.00 .1181	7.00 .2756	2.00 .0787	2.80 .1102	8.10 .3189	0.50 .0197	3.00 .1181	3.80 .1496	8.10 .3189	0.80 .0315	0.10 .004	3.60 .142	6.40 .252	432	149	X	X	90,000	53,000
683/8	3.00 .1181	8.00 .3150	3.00 .1181	-	-	-	3.00 .1181	3.80 .1496	-	-	0.10 .004	3.60 .142	7.40 .291	432	149	X	X	95,000	55,000

Note:

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(5) Limiting speed also depends on seal material and the respective ball set.

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	d	D	Width without closure	Width with extended inner ring without closure	Flange dimensions without closure		Width with extended inner ring with closure	Width with extended inner ring with closure	Flange dimensions with closure			r _{s min} ⁽¹⁾	Shaft diameter d _{a min}	Housing diameter D _{a max}	C _r [N]	C _{0r} [N]	Shield ⁽⁴⁾	Seal ⁽⁴⁾	with closure or with shield
Basic symbols			B	B ₁	Flange diameter FD	Flange width FB	B ₂	B ₃	Flange diameter FD ₁	Flange width FB ₁									
683/003	3.00 .1181	7.00 .2756	2.50 .0984	-	-	-	2.50 .0984	-	-	-	0.10 .004	3.60 .142	6.40 .252	432	149	X	-	93,000	-
693/003	3.00 .1181	8.00 .3150	2.50 .0984	-	-	-	-	-	-	-	0.15 .006	3.80 .150	7.20 .283	644	215	-	-	60,000	-
693 ⁽⁴⁾	3.00 .1181	8.00 .3150	3.00 .1181	3.80 .1496	9.50 .3740	0.70 .0276	4.00 .1575	4.80 .1890	9.50 .3740	0.90 .0354	0.15 .006	3.80 .150	7.20 .283	644	215	X	X	80,000	51,000
693/002	3.00 .1181	8.00 .3150	-	-	-	-	3.00 .1181	-	-	-	0.15 .006	3.80 .150	7.20 .283	395	141	X	-	67,000	-
603	3.00 .1181	9.00 .3543	3.00 .1181	-	10.50 .4134	0.70 .0276	5.00 .1969	-	10.50 .4134	1.00 .0394	0.15 .006	3.80 .150	8.20 .323	571	189	X	-	67,000	-
603/003	3.00 .1181	9.00 .3543	-	-	-	-	4.00 .1575	-	10.60 .4173	0.80 .0315	0.20 .008	4.40 .173	7.60 .299	571	189	X	-	67,000	-
603/004	3.00 .1181	9.00 .3543	2.50 .0984	-	10.20 .4016	0.60 .0236	-	-	-	-	0.20 .008	4.40 .173	7.60 .299	571	189	-	-	67,000	-
623	3.00 .1181	10.00 .3937	4.00 .1575	4.80 .1890	11.50 .4528	1.00 .0394	4.00 .1575	4.80 .1890	11.50 .4528	1.00 .0394	0.15 .006	4.40 .173	8.60 .339	725	265	X	X	65,000	44,000
623/13	3.00 .1181	13.00 .5118	4.00 .1575	4.80 .1890	-	-	4.00 .1575	4.80 .1890	-	-	0.15 .006	4.40 .173	8.60 .339	725	265	X	X	70,000	46,000
633	3.00 .1181	13.00 .5118	5.00 .1969	-	15.00 .5906	1.00 .0394	5.00 .1969	-	15.00 .5906	1.00 .0394	0.20 .008	4.80 .1890	11.20 .441	1339	488	X	-	55,000	-
693/0004	3.30 .1299	8.00 .3150	4.00 .1575	-	9.50 .3740	0.90 .0354	4.00 .1575	-	9.50 .3740	0.90 .0354	0.15 .006	4.10 .161	7.20 .283	625	213	X	-	80,000	-
674/004	4.00 .1575	7.00 .2756	1.60 .0630	-	-	-	1.60 .063	-	-	-	0.08 .003	4.50 .177	6.50 .256	337	129	-	-	60,000	-
674	4.00 .1575	7.00 .2756	2.00 .0787	-	-	-	2.00 .0787	-	-	-	0.08 .003	4.50 .177	6.50 .256	345	130	X	-	67,000	-
674/003	4.00 .1575	7.00 .2756	2.50 .0984	-	-	-	2.50 .0984	-	8.20 .3228	0.60 .0236	0.08 .003	4.50 .177	6.50 .256	255	108	X	-	67,000	-
693B/0021	4.00 .1575	8.00 .3150	3.00 .1181	-	-	-	3.00 .1181	-	-	-	0.15 .006	4.80 .189	7.20 .283	380	127	X	-	72,000	-
684	4.00 .1575	9.00 .3543	2.50 .0984	3.30 .1299	10.30 .4055	0.60 .0236	4.00 .1575	4.80 .1890	10.30 .4055	1.00 .0394	0.10 .004	4.60 .181	8.40 .331	658	226	X	X	62,000	45,000
684/103	4.00 .1575	10.00 .3937	3.00 .1181	-	11.50 .4528	0.80 .0315	-	-	-	-	0.10 .004	4.60 .181	9.40 .370	658	226	-	-	48,000	-
684/103	4.00 .1575	10.00 .3937	3.00 .1181	-	11.20 .4409	0.60 .0236	-	-	-	-	0.15 .006	4.80 .189	9.20 .362	711	272	-	-	56,000	-

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	Basic symbols	d	D	Width without closure	Width with extended inner ring without closure	Flange dimensions without closure		Width with extended inner ring with closure	Width with extended inner ring with closure	Flange dimensions with closure		r _{s min} (1)	Shaft diameter d _{a min}	Housing diameter D _{a max}	C _r [N]	C _{0r} [N]	Shield (4)	Seal (4)	with closure or with shield	with seal
			B	B ₁	Flange diameter FD	Flange width FB	B ₂	B ₃	Flange diameter FD ₁	Flange width FB ₁										
684/10	4.00 .1575	10.00 .3937	4.00 .1575	4.80 .1890	11.50 .4528	1.00 .0394	4.00 .1575	4.80 .1890	11.50 .4528	1.00 .0394	0.10 .004	4.60 .181	9.40 .370	711	272	X	X	86,000	45,000	
684/10 W8	4.00 .1575	10.00 .3937	–	–	–	–	4.00 .1575	–	11.60 .4567	0.80 .0315	0.15 .006	4.80 .189	9.20 .362	711	272	X	–	56,000	–	
694	4.00 .1575	11.00 .4331	4.00 .1575	–	12.50 .4921	1.00 .0394	4.00 .1575	–	12.50 .4921	1.00 .0394	0.15 .006	4.80 .189	10.20 .402	730	271	X	X	66,000	41,000	
604	4.00 .1575	12.00 .4724	4.00 .1575	–	13.50 .5315	1.00 .0394	4.00 .1575	–	13.50 .5315	1.00 .0394	0.20 .008	5.40 .213	10.60 .417	734	282	X	X	56,000	37,000	
624	4.00 .1575	13.00 .5118	5.00 .1969	5.80 .2283	15.00 .5906	1.00 .0394	5.00 .1969	5.80 .2283	15.00 .5906	1.00 .0394	0.20 .008	5.80 .228	11.20 .441	1339	488	X	X	52,000	28,000	
694/133	4.00 .1575	13.00 .5118	5.00 .1969	–	–	–	5.00 .1969	–	–	–	0.15 .006	4.80 .189	12.20 .480	730	271	X	X	65,000	53,000	
624/16	4.00 .1575	16.00 .6299	5.00 .1969	5.80 .2283	–	–	5.00 .1969	5.80 .2283	–	–	0.20 .008	5.80 .228	12.20 .480	1306	486	X	X	55,000	30,000	
634	4.00 .1575	16.00 .6299	5.00 .1969	–	18.00 .7087	1.00 .0394	5.00 .1969	–	18.00 .7087	1.00 .0394	0.30 .012	6.40 .252	13.60 .535	1730	670	X	X	44,000	43,000	
624/17	4.00 .1575	17.00 .6693	5.00 .1969	5.80 .2283	–	–	5.00 .1969	5.80 .2283	–	–	0.20 .008	5.80 .228	15.20 .598	1306	486	X	X	55,000	30,000	
675	5.00 .1969	8.00 .3150	2.00 .0787	–	–	–	2.00 .0787	–	–	–	0.08 .003	5.50 .217	7.50 .295	390	160	X	–	52,000	–	
675/003	5.00 .1969	8.00 .3150	2.50 .0984	–	9.20 .3622	0.60 .0236	2.50 .0984	–	–	–	0.10 .004	5.60 .220	7.50 .295	218	90	X	–	63,000	–	
675/004	5.00 .1969	8.00 .3150	3.00 .1181	–	–	–	3.00 .1181	–	–	–	0.08 .003	5.40 .213	7.60 .299	390	160	X	–	52,000	–	
675/094	5.00 .1969	9.00 .3543	3.00 .1181	–	–	–	3.00 .1181	–	10.20 .4016	0.60 .0236	0.15 .006	5.40 .213	8.60 .339	431	169	X	–	60,000	–	
694A/1002	5.00 .1969	10.00 .3937	4.00 .1575	–	–	–	4.00 .1575	–	11.20 .4409	0.80 .0315	0.15 .006	5.50 .217	8.80 .346	431	169	X	–	60,000	–	
694/1002	5.00 .1969	10.00 .3937	4.00 .1575	–	–	–	4.00 .1575	–	–	–	0.15 .006	5.50 .217	8.80 .346	730	271	X	–	66,000	–	
694/1002 W1	5.00 .1969	10.00 .3937	4.00 .1575	–	11.60 .4567	0.80 .0315	4.00 .1575	–	11.60 .4567	0.80 .0315	0.15 .006	5.80 .228	9.20 .362	431	169	X	–	60,000	–	
685	5.00 .1969	11.00 .4331	3.00 .1181	–	12.50 .4921	0.80 .0315	5.00 .1969	–	12.50 .4921	1.00 .0394	0.15 .006	5.80 .228	10.70 .421	734	282	X	X	71,000	37,000	
685/003	5.00 .1969	11.00 .4331	4.00 .1575	–	12.50 .4921	1.00 .0394	4.00 .1575	–	12.50 .4921	1.00 .0394	0.15 .006	5.80 .228	10.70 .421	734	282	X	–	62,000	–	

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(2) Other load ratings are possible due to different ball sets with use of a non-standard retainer.

(3) Different shields or seals available.

(4) Bearings also available with 1 or 2 shields/seals.

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Groove radial ball bearings – metric

GRW-designation	Main dimensions in [mm] [inch]		Bearing without closure in [mm] [inch]				Bearing with closure in [mm] [inch]				Chamfer in [mm] [inch]	Modification dimensions acc. to DIN 5418 [mm] [inch]		Load ratings acc. to DIN ISO (2) (max)		Closure variants (3)		Max. limiting speed (5) [mm ⁻¹]	
	d	D	Width without closure	Width with extended inner ring without closure	Flange dimensions without closure		Width with extended inner ring with closure	Width with extended inner ring with closure	Flange dimensions with closure			r _{s min} (1)	Shaft diameter d _{a min}	Housing diameter D _{a max}	C _r [N]	C _{0r} [N]	Shield (4)	Seal (4)	with closure or with shield
Basic symbols			B	B ₁	Flange diameter FD	Flange width FB	B ₂	B ₃	Flange diameter FD ₁	Flange width FB ₁									
695	5.00 .1969	13.00 .5118	4.00 .1575	-	15.00 .5906	1.00 .0394	4.00 .1575	-	15.00 .5906	1.00 .0394	0.20 .008	6.40 .252	11.60 .457	1077	432	X	X	50,000	34,000
624/0003	5.00 .1969	13.00 .5118	5.00 .1969	-	-	-	5.00 .1969	-	15.00 .5906	1.00 .0394	0.20 .008	6.80 .268	11.20 .441	1306	486	X	-	52,000	-
605	5.00 .1969	14.00 .5512	5.00 .1969	-	16.00 .6299	1.00 .0394	5.00 .1969	-	16.00 .6299	1.00 .0394	0.20 .008	6.40 .252	12.60 .496	1329	507	X	X	50,000	33,000
625	5.00 .1969	16.00 .6299	5.00 .1969	5.80 .2283	18.00 .7087	1.00 .0394	5.00 .1969	5.80 .2283	18.00 .7087	1.00 .0394	0.30 .012	7.40 .291	13.60 .535	1729	675	X	X	50,000	31,000
635	5.00 .1969	19.00 .7480	6.00 .2362	-	22.00 .8661	1.50 .0591	6.00 .2362	-	22.00 .8661	1.50 .0591	0.30 .012	7.40 .291	16.60 .654	2522	1057	X	X	40,000	22,000
635/22	5.00 .1969	22.00 .8661	6.00 .2362	6.80 .2677	-	-	6.00 .2362	6.80 .2677	-	-	0.60 .024	7.40 .291	19.60 .772	2458	1053	X	X	43,000	25,000
676	6.00 .2362	10.00 .3937	2.50 .0984	-	11.20 .4409	0.60 .0236	-	-	-	-	0.15 .006	6.80 .268	9.20 .362	500	216	-	-	35,000	-
676/003	6.00 .2362	10.00 .3937	3.00 .1181	-	-	-	3.00 .1181	-	-	-	0.10 .004	6.60 .26	9.40 .370	503	215	X	-	46,000	-
676/003	6.00 .2362	10.00 .3937	-	-	-	-	3.00 .1181	-	11.20 .4409	0.60 .0236	0.15 .006	6.80 .268	9.20 .362	500	216	X	-	35,000	-
695/1232	6.00 .2362	12.00 .4724	3.00 .1181	-	13.20 .5197	0.60 .0236	-	-	-	-	0.20 .008	7.40 .291	10.60 .417	716	295	-	-	50,000	-
695/1202	6.00 .2362	12.00 .4724	4.00 .1575	-	13.60 .5354	0.80 .0315	4.00 .1575	-	13.60 .5354	0.80 .0315	0.15 .006	6.80 .268	11.20 .441	851	366	X	X	49,000	28,000
686	6.00 .2362	13.00 .5118	3.50 .1307	4.30 .1693	15.00 .5906	1.00 .0394	5.00 .1969	5.80 .2283	15.00 .5906	1.10 .0433	0.15 .006	6.80 .268	12.20 .48	1096	437	X	X	55,000	33,000
696	6.00 .2362	15.00 .5906	5.00 .1969	-	17.00 .6693	1.20 .0472	5.00 .1969	-	17.00 .6693	1.20 .0472	0.20 .008	7.40 .291	13.60 .535	1340	523	X	X	46,000	45,000
625/0002	6.00 .2362	16.00 .6299	5.00 .1969	-	18.00 .7087	1.00 .0394	5.00 .1969	-	18.00 .7087	1.00 .0394	0.15 .006	8.40 .331	13.60 .535	1646	663	X	-	41,000	-
606	6.00 .2362	17.00 .6693	6.00 .2362	-	19.00 .7480	1.20 .0472	6.00 .2362	-	19.00 .7480	1.20 .0472	0.30 .012	8.00 .315	15.00 .591	2263	846	X	X	45,000	30,000
626	6.00 .2362	19.00 .7480	6.00 .2362	-	22.00 .8661	1.50 .0591	6.00 .2362	-	22.00 .8661	1.50 .0591	0.30 .012	8.40 .331	16.60 .654	2522	1057	X	X	40,000	22,000
626/005	6.00 .2362	19.00 .7480	8.00 .3150	-	-	-	8.00 .3150	-	-	-	0.30 .012	8.40 .331	16.60 .654	2522	1057	X	-	48,000	-
636	6.00 .2362	22.00 .8661	7.00 .2756	-	-	-	7.00 .2756	-	-	-	0.30 .012	8.40 .331	19.60 .772	3333	1423	X	-	36,000	-

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