

JB/BT 019-2004 附表1-1

JB/BT 019-2004-B 附表1: 520mm片宽散热器技术参数(涂漆产品)

散热片数	12				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m ²	m ²	m ²	kg	kg
1000	7.1	8.2	13.1	121.9	39.0
1200	8.4	9.8	15.8	142.5	45.2
1250	8.8	10.2	16.4	147.6	46.8
1400	9.8	11.4	18.4	163.1	51.5
1500	10.5	12.2	19.8	173.4	54.6
1600	11.2	13.0	21.1	183.7	57.8
1750	12.2	14.2	23.1	199.1	62.5
1800	12.6	14.6	23.8	204.4	64.0
2000	13.9	16.2	26.4	224.8	70.3
2200	15.3	17.8	29.1	245.5	76.5
2250	15.6	18.2	29.8	250.7	78.1
2400	16.7	19.4	31.8	266.1	82.8
2500	17.3	20.2	33.1	276.4	85.9
2600	18.0	21.0	34.5	286.7	89.1
2750	19.1	22.2	36.5	302.2	93.8
2800	19.4	22.6	37.1	307.3	95.3
3000	20.8	24.2	39.8	327.9	101.6
3200	22.1	25.8	42.5	348.5	107.9
3250	22.5	26.2	43.1	353.6	109.4
3400	23.5	27.4	45.1	369.0	114.1
3500	24.2	28.2	46.5	379.4	117.2
3600	24.9	29.0	47.8	389.6	120.4
3750	25.9	30.2	49.8	405.1	125.1
3800	26.2	30.6	50.5	410.2	126.6
4000	27.6	32.2	53.2	430.8	132.9
4200	29.0	33.8	55.8	451.4	139.2
4250	29.3	34.2	56.5	456.6	140.7
4400	30.3	35.4	58.5	472.0	145.4
4500	31.0	36.2	59.8	482.3	148.6
4600	31.7	37.0	61.2	492.7	151.7
4750	32.7	38.2	63.2	505.0	156.4

散热片数	14				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	8.1	9.4	15.3	139.8	44.9
1200	9.7	11.3	18.4	163.8	52.2
1250	10.1	11.7	19.2	169.8	54.0
1400	11.2	13.1	21.5	187.9	59.5
1500	12.0	14.0	23.1	199.8	63.1
1600	12.8	15.0	24.6	211.9	66.8
1750	14.0	16.3	26.9	229.8	72.3
1800	14.4	16.8	27.7	235.9	74.1
2000	16.0	18.6	30.8	259.8	81.4
2200	17.5	20.5	34.0	283.9	88.7
2250	17.9	20.9	34.7	290.0	90.5
2400	19.1	22.3	37.1	307.9	96.0
2500	19.9	23.2	38.6	320.0	99.6
2600	20.7	24.2	40.2	332.0	103.3
2750	21.9	25.6	42.5	350.1	108.8
2800	22.3	26.0	43.3	356.0	110.6
3000	23.8	27.9	46.4	380.1	117.9
3200	25.4	29.7	49.5	404.1	125.2
3250	25.8	30.2	50.3	410.1	127.0
3400	27.0	31.5	52.7	428.0	132.5
3500	27.8	32.5	54.2	440.1	136.2
3600	28.6	33.4	55.8	452.1	139.8
3750	29.7	34.8	58.1	470.1	145.3
3800	30.1	35.2	58.9	476.1	147.1
4000	31.7	37.1	62.0	500.2	154.4
4200	33.3	38.9	65.1	524.2	161.7
4250	33.7	39.4	65.9	530.2	163.6
4400	34.9	40.8	68.3	548.2	169.0
4500	35.6	41.7	69.8	560.2	172.7
4600	36.4	42.6	71.4	572.3	176.4
4750	37.6	44.0	73.7	587.2	181.8

散热片数	16				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	9.2	10.7	17.4	157.6	50.7
1200	11.0	12.8	21.0	185.1	59.1
1250	11.5	13.3	21.9	191.9	61.2
1400	12.8	14.9	24.6	212.6	67.4
1500	13.7	15.9	26.3	226.2	71.6
1600	14.6	17.0	28.1	240.1	75.8
1750	15.9	18.5	30.8	260.5	82.1
1800	16.4	19.1	31.7	267.5	84.1
2000	18.1	21.1	35.2	294.9	92.5
2200	19.9	23.2	38.8	322.3	100.8
2250	20.4	23.8	39.7	329.3	102.9
2400	21.7	25.3	42.4	349.8	109.2
2500	22.6	26.4	44.1	363.6	113.4
2600	23.5	27.4	45.9	377.3	117.5
2750	24.8	29.0	48.6	397.9	123.8
2800	25.3	29.5	49.5	404.8	125.9
3000	27.1	31.6	53.1	432.3	134.2
3200	28.8	33.7	56.6	459.7	142.6
3250	29.3	34.2	57.5	466.6	144.7
3400	30.6	35.8	60.2	487.1	150.9
3500	31.5	36.8	62.0	500.9	155.1
3600	32.4	37.9	63.7	514.5	159.3
3750	33.8	39.5	66.4	535.2	165.5
3800	34.2	40.0	67.3	542.0	167.6
4000	36.0	42.1	70.9	569.5	176.0
4200	37.8	44.2	74.4	597.0	184.3
4250	38.2	44.7	75.3	603.8	186.4
4400	39.5	46.2	78.0	624.5	192.7
4500	40.4	47.3	79.8	638.1	196.8
4600	41.3	48.3	81.6	651.9	201.0
4750	42.7	49.9	84.2	669.4	207.3

散热片数	18				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	10.3	11.9	19.6	175.5	56.6
1200	12.3	14.3	23.6	206.4	66.0
1250	12.8	14.9	24.6	214.1	68.4
1400	14.3	16.6	27.6	237.3	75.4
1500	15.3	17.8	29.6	252.7	80.1
1600	16.3	19.0	31.6	268.2	84.8
1750	17.8	20.7	34.6	291.3	91.8
1800	18.3	21.3	35.6	299.1	94.2
2000	20.3	23.6	39.6	329.9	103.6
2200	22.2	26.0	43.6	360.8	113.0
2250	22.7	26.6	44.7	368.6	115.3
2400	24.2	28.3	47.7	391.7	122.4
2500	25.2	29.5	49.7	407.2	127.1
2600	26.2	30.6	51.7	422.6	131.8
2750	27.7	32.4	54.7	445.8	138.8
2800	28.2	33.0	55.7	453.5	141.2
3000	30.2	35.3	59.7	484.4	150.5
3200	32.2	37.7	63.7	515.3	159.9
3250	32.7	38.2	64.7	523.0	162.3
3400	34.2	40.0	67.7	546.1	169.3
3500	35.2	41.2	69.7	561.6	174.0
3600	36.2	42.3	71.7	577.0	178.7
3750	37.7	44.1	74.7	600.2	185.8
3800	38.2	44.7	75.7	607.9	188.1
4000	40.2	47.0	79.7	638.8	197.5
4200	42.2	49.3	83.7	669.7	206.9
4250	42.7	49.9	84.7	677.4	209.3
4400	44.2	51.7	87.7	700.7	216.3
4500	45.1	52.8	89.7	716.0	221.0
4600	46.1	54.0	91.7	731.6	225.7
4750	47.6	55.8	94.8	751.6	232.7

散热片数	20				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	11.3	13.1	21.8	193.3	62.5
1200	13.5	15.7	26.2	227.7	72.9
1250	14.0	16.3	27.3	236.2	75.6
1400	15.7	18.3	30.7	262.0	83.4
1500	16.8	19.5	32.9	279.1	88.6
1600	17.9	20.8	35.1	296.4	93.8
1750	19.5	22.7	38.5	322.0	101.6
1800	20.0	23.4	39.6	330.7	104.3
2000	22.2	26.0	44.0	364.9	114.7
2200	24.4	28.5	48.5	399.2	125.1
2250	25.0	29.2	49.6	408.0	127.7
2400	26.6	31.1	52.9	433.6	135.6
2500	27.7	32.4	55.2	450.8	140.8
2600	28.8	33.7	57.4	467.9	146.0
2750	30.4	35.6	60.7	493.7	153.8
2800	31.0	36.2	61.9	502.3	156.4
3000	33.2	38.8	66.3	536.6	166.9
3200	35.3	41.4	70.8	571.0	177.3
3250	35.9	42.0	71.9	579.5	179.9
3400	37.5	43.9	75.2	605.1	187.7
3500	38.6	45.2	77.4	622.4	193.0
3600	39.7	46.5	79.7	639.5	198.2
3750	41.4	48.4	83.0	665.3	206.0
3800	41.9	49.0	84.1	673.8	208.6
4000	44.1	51.6	88.6	708.2	219.0
4200	46.3	54.2	93.0	742.5	229.5
4250	46.8	54.8	94.1	751.0	232.1
4400	48.5	56.7	97.5	776.9	239.9
4500	49.5	58.0	99.7	793.9	245.1
4600	50.6	59.3	101.9	811.2	250.4
4750	52.3	61.2	105.3	833.8	258.2

散热片数	22				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	12.3	14.3	23.9	211.2	68.4
1200	14.7	17.1	28.8	248.9	79.9
1250	15.2	17.8	30.1	258.3	82.7
1400	17.0	19.8	33.7	286.7	91.3
1500	18.2	21.2	36.2	305.5	97.1
1600	19.4	22.6	38.6	324.5	102.8
1750	21.2	24.7	42.3	352.7	111.4
1800	21.8	25.4	43.5	362.3	114.3
2000	24.2	28.2	48.4	399.9	125.8
2200	26.5	31.0	53.3	437.6	137.3
2250	27.1	31.7	54.6	447.3	140.1
2400	28.9	33.8	58.2	475.4	148.7
2500	30.1	35.2	60.7	494.4	154.5
2600	31.3	36.6	63.1	513.2	160.2
2750	33.1	38.7	66.8	541.6	168.8
2800	33.7	39.4	68.0	551.0	171.7
3000	36.0	42.2	72.9	588.8	183.2
3200	38.4	45.0	77.8	626.6	194.7
3250	39.0	45.7	79.1	636.0	197.5
3400	40.8	47.8	82.7	664.1	206.1
3500	42.0	49.1	85.2	683.1	211.9
3600	43.2	50.5	87.6	701.9	217.6
3750	44.9	52.6	91.3	730.3	226.2
3800	45.5	53.3	92.5	739.7	229.1
4000	47.9	56.1	97.4	777.5	240.6
4200	50.3	58.9	102.3	815.3	252.1
4250	50.9	59.6	103.5	824.7	254.9
4400	52.7	61.7	107.2	853.1	263.5
4500	53.8	63.1	109.7	871.8	269.3
4600	55.0	64.5	112.1	890.8	275.0
4750	56.8	66.6	115.8	916.0	283.6

散热片数	24				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	13.2	15.4	26.1	229.0	74.3
1200	15.8	18.4	31.5	270.2	86.8
1250	16.4	19.1	32.8	280.5	89.9
1400	18.4	21.4	36.8	311.5	99.3
1500	19.6	22.9	39.5	331.9	105.6
1600	20.9	24.4	42.1	352.7	111.8
1750	22.8	26.7	46.2	383.4	121.2
1800	23.5	27.4	47.5	393.9	124.4
2000	26.0	30.4	52.8	434.9	136.9
2200	28.6	33.4	58.2	476.1	149.4
2250	29.2	34.2	59.5	486.6	152.5
2400	31.2	36.5	63.5	517.3	161.9
2500	32.4	38.0	66.2	538.0	168.2
2600	33.7	39.5	68.9	558.5	174.5
2750	35.6	41.7	72.9	589.5	183.9
2800	36.3	42.5	74.2	599.7	187.0
3000	38.8	45.5	79.6	641.0	199.5
3200	41.4	48.5	84.9	682.2	212.0
3250	42.0	49.2	86.2	692.4	215.2
3400	44.0	51.5	90.2	723.2	224.6
3500	45.2	53.0	92.9	743.9	230.8
3600	46.5	54.5	95.6	764.4	237.1
3750	48.4	56.8	99.6	795.4	246.5
3800	49.1	57.5	100.9	805.6	249.6
4000	51.6	60.5	106.3	846.8	262.1
4200	54.2	63.5	111.6	888.0	274.6
4250	54.8	64.3	113.0	898.3	277.8
4400	56.8	66.5	117.0	929.3	287.2
4500	58.0	68.1	119.6	949.8	293.4
4600	59.3	69.6	122.3	970.5	299.7
4750	61.2	71.8	126.3	998.2	309.1

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散热片数	26				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m ²	m ²	m ²	kg	kg
1000	14.2	16.5	28.3	246.9	80.2
1200	16.9	19.7	34.1	291.5	93.7
1250	17.6	20.5	35.5	302.6	97.1
1400	19.7	22.9	39.9	336.2	107.3
1500	21.0	24.5	42.8	358.4	114.1
1600	22.4	26.1	45.7	380.8	120.9
1750	24.5	28.6	50.0	414.1	131.0
1800	25.1	29.4	51.4	425.5	134.4
2000	27.9	32.6	57.2	469.9	148.0
2200	30.6	35.8	63.0	514.5	161.6
2250	31.3	36.6	64.5	525.9	164.9
2400	33.4	39.0	68.8	559.2	175.1
2500	34.7	40.7	71.7	581.6	181.9
2600	36.1	42.3	74.6	603.8	188.7
2750	38.2	44.7	78.9	637.4	198.9
2800	38.8	45.5	80.4	648.5	202.3
3000	41.6	48.7	86.2	693.1	215.8
3200	44.3	51.9	92.0	737.8	229.4
3250	45.0	52.7	93.4	748.9	232.8
3400	47.1	55.2	97.8	782.2	243.0
3500	48.4	56.8	100.7	804.7	249.7
3600	49.8	58.4	103.6	826.8	256.5
3750	51.9	60.8	107.9	860.4	266.7
3800	52.5	61.6	109.3	871.5	270.1
4000	55.3	64.8	115.1	916.2	283.7
4200	58.0	68.1	120.9	960.8	297.2
4250	58.7	68.9	122.4	971.9	300.6
4400	60.8	71.3	126.7	1005.5	310.8
4500	62.1	72.9	129.6	1027.7	317.6
4600	63.5	74.5	132.5	1050.1	324.4
4750	65.6	76.9	136.8	1080.4	334.5

散热片数	28				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m ²	m ²	m ²	kg	kg
1000	15.1	17.5	30.5	264.7	86.0
1200	18.0	21.0	36.7	312.8	100.6
1250	18.7	21.8	38.3	324.7	104.3
1400	20.9	24.4	42.9	360.9	115.3
1500	22.4	26.1	46.0	384.8	122.6
1600	23.8	27.8	49.2	409.0	129.9
1750	26.0	30.4	53.8	444.8	140.8
1800	26.8	31.3	55.4	457.1	144.5
2000	29.7	34.7	61.6	504.9	159.1
2200	32.6	38.1	67.9	553.0	173.7
2250	33.3	39.0	69.4	565.2	177.4
2400	35.5	41.6	74.1	601.1	188.3
2500	37.0	43.3	77.2	625.2	195.6
2600	38.4	45.0	80.3	649.1	202.9
2750	40.6	47.6	85.0	685.3	213.9
2800	41.3	48.4	86.6	697.2	217.5
3000	44.3	51.9	92.8	745.3	232.1
3200	47.2	55.3	99.0	793.4	246.8
3250	47.9	56.2	100.6	805.4	250.4
3400	50.1	58.7	105.3	841.2	261.4
3500	51.5	60.4	108.4	865.4	268.7
3600	53.0	62.2	111.5	889.3	276.0
3750	55.2	64.7	116.2	925.5	286.9
3800	55.9	65.6	117.7	937.4	290.6
4000	58.8	69.0	124.0	985.5	305.2
4200	61.8	72.5	130.2	1033.6	319.8
4250	62.5	73.3	131.8	1045.5	323.5
4400	64.7	75.9	136.5	1081.7	334.4
4500	66.1	77.6	139.6	1105.6	341.7
4600	67.6	79.3	142.7	1129.8	349.0
4750	69.8	81.9	147.4	1162.6	360.0

散热片数	30				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m ²	m ²	m ²	kg	kg
1000	16.0	18.6	32.6	282.6	91.9
1200	19.1	22.2	39.3	334.1	107.6
1250	19.8	23.1	41.0	346.9	111.5
1400	22.2	25.9	46.0	385.6	123.2
1500	23.7	27.7	49.3	411.2	131.1
1600	25.2	29.5	52.7	437.1	138.9
1750	27.6	32.2	57.7	475.5	150.6
1800	28.3	33.1	59.4	488.7	154.5
2000	31.4	36.8	66.0	539.9	170.2
2200	34.5	40.4	72.7	591.4	185.8
2250	35.3	41.3	74.4	604.5	189.8
2400	37.6	44.0	79.4	642.9	201.5
2500	39.1	45.8	82.7	668.8	209.3
2600	40.7	47.7	86.1	694.5	217.2
2750	43.0	50.4	91.1	733.2	228.9
2800	43.8	51.3	92.8	746.0	232.8
3000	46.9	54.9	99.4	797.5	248.5
3200	50.0	58.6	106.1	849.0	264.1
3250	50.7	59.5	107.8	861.8	268.0
3400	53.0	62.2	112.8	900.2	279.8
3500	54.6	64.0	116.1	926.2	287.6
3600	56.1	65.8	119.5	951.8	295.4
3750	58.4	68.6	124.5	990.5	307.2
3800	59.2	69.5	126.2	1003.3	311.1
4000	62.3	73.1	132.8	1054.8	326.7
4200	65.4	76.7	139.5	1106.4	342.4
4250	66.2	77.7	141.2	1119.2	346.3
4400	68.5	80.4	146.2	1157.9	358.0
4500	70.0	82.2	149.5	1183.5	365.9
4600	71.6	84.0	152.9	1209.4	373.7
4750	73.9	86.7	157.9	1244.8	385.4

散热片数	32				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	16.8	19.6	34.8	300.4	97.8
1200	20.1	23.4	41.9	355.4	114.5
1250	20.9	24.4	43.7	369.0	118.7
1400	23.4	27.3	49.1	410.3	131.2
1500	25.0	29.2	52.6	437.6	139.5
1600	26.6	31.1	56.2	465.3	147.9
1750	29.0	34.0	61.5	506.3	160.4
1800	29.9	34.9	63.3	520.2	164.6
2000	33.1	38.8	70.4	574.9	181.3
2200	36.4	42.6	77.6	629.8	198.0
2250	37.2	43.6	79.3	643.8	202.2
2400	39.6	46.4	84.7	684.8	214.7
2500	41.3	48.3	88.2	712.4	223.0
2600	42.9	50.3	91.8	739.8	231.4
2750	45.3	53.1	97.2	781.1	243.9
2800	46.1	54.1	98.9	794.7	248.1
3000	49.4	57.9	106.1	849.7	264.8
3200	52.7	61.8	113.2	904.6	281.5
3250	53.5	62.7	115.0	918.3	285.7
3400	55.9	65.6	120.3	959.3	298.2
3500	57.5	67.5	123.9	986.9	306.5
3600	59.2	69.4	127.4	1014.2	314.9
3750	61.6	72.3	132.8	1055.5	327.4
3800	62.4	73.3	134.6	1069.2	331.6
4000	65.7	77.1	141.7	1124.2	348.3
4200	68.9	80.9	148.8	1179.1	365.0
4250	69.8	81.9	150.6	1192.8	369.1
4400	72.2	84.8	155.9	1234.1	381.7
4500	73.8	86.7	159.5	1261.4	390.0
4600	75.5	88.6	163.1	1289.0	398.4
4750	77.9	91.5	168.4	1327.0	410.9

散热片数	34				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	17.7	20.6	37.0	318.3	103.7
1200	21.1	24.6	44.5	376.7	121.4
1250	22.0	25.6	46.4	391.2	125.9
1400	24.5	28.6	52.1	435.0	139.2
1500	26.2	30.6	55.9	464.1	148.0
1600	27.9	32.7	59.7	493.4	156.9
1750	30.5	35.7	65.4	537.0	170.2
1800	31.4	36.7	67.3	551.8	174.6
2000	34.8	40.7	74.8	609.9	192.4
2200	38.2	44.7	82.4	668.3	210.1
2250	39.1	45.7	84.3	683.1	214.6
2400	41.6	48.8	90.0	726.7	227.9
2500	43.3	50.8	93.8	756.0	236.7
2600	45.0	52.8	97.5	785.1	245.6
2750	47.6	55.8	103.2	829.0	258.9
2800	48.5	56.8	105.1	843.5	263.4
3000	51.9	60.8	112.7	901.9	281.1
3200	55.3	64.9	120.3	960.3	298.8
3250	56.1	65.9	122.1	974.8	303.3
3400	58.7	68.9	127.8	1018.3	316.6
3500	60.4	70.9	131.6	1047.7	325.5
3600	62.1	72.9	135.4	1076.7	334.3
3750	64.7	75.9	141.1	1120.6	347.6
3800	65.6	76.9	143.0	1135.1	352.1
4000	69.0	81.0	150.5	1193.5	369.8
4200	72.4	85.0	158.1	1251.9	387.5
4250	73.2	86.0	160.0	1266.4	392.0
4400	75.8	89.0	165.7	1310.3	405.3
4500	77.5	91.0	169.5	1339.3	414.2
4600	79.2	93.0	173.2	1368.7	423.0
4750	81.8	96.1	178.9	1409.2	436.3

散热片数	35				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	18.1	21.1	38.1	327.2	106.6
1200	21.6	25.2	45.9	387.3	124.9
1250	22.5	26.2	47.8	402.2	129.5
1400	25.1	29.3	53.7	447.4	143.2
1500	26.8	31.4	57.5	477.3	152.3
1600	28.6	33.4	61.4	507.5	161.4
1750	31.2	36.5	67.3	552.3	175.1
1800	32.1	37.5	69.2	567.6	179.7
2000	35.6	41.7	77.0	627.4	197.9
2200	39.1	45.8	84.8	687.5	216.2
2250	40.0	46.8	86.8	702.8	220.8
2400	42.6	49.9	92.6	747.6	234.5
2500	44.3	52.0	96.5	777.8	243.6
2600	46.1	54.0	100.4	807.7	252.7
2750	48.7	57.1	106.3	852.9	266.4
2800	49.6	58.1	108.2	867.8	271.0
3000	53.1	62.3	116.0	928.0	289.3
3200	56.6	66.4	123.8	988.1	307.5
3250	57.5	67.4	125.7	1003.0	312.1
3400	60.1	70.5	131.6	1047.8	325.8
3500	61.8	72.6	135.5	1078.1	334.9
3600	63.6	74.6	139.4	1107.9	344.0
3750	66.2	77.7	145.2	1153.1	357.7
3800	67.1	78.7	147.2	1168.0	362.3
4000	70.6	82.9	155.0	1228.2	380.6
4200	74.1	87.0	162.8	1288.3	398.8
4250	75.0	88.0	164.7	1303.2	403.4
4400	77.6	91.1	170.5	1348.4	417.1
4500	79.3	93.2	174.4	1378.3	426.2
4600	81.1	95.2	178.3	1408.5	435.4
4750	83.7	98.3	184.2	1450.3	449.1

散热片数	36				
中心距L	有效面积		实际面积	重量	油重
	S自	S风			
mm	m2	m2	m2	kg	kg
1000	18.5	21.5	39.2	336.1	109.6
1200	22.1	25.8	47.2	397.9	128.4
1250	23.0	26.8	49.2	413.3	133.0
1400	25.7	30.0	55.2	459.8	147.1
1500	27.4	32.1	59.2	490.5	156.5
1600	29.2	34.2	63.2	521.6	165.9
1750	31.9	37.3	69.2	567.7	180.0
1800	32.8	38.4	71.2	583.4	184.7
2000	36.4	42.6	79.2	644.9	203.5
2200	40.0	46.8	87.2	706.7	222.3
2250	40.9	47.9	89.2	722.5	227.0
2400	43.5	51.0	95.3	768.5	241.1
2500	45.3	53.1	99.3	799.6	250.5
2600	47.1	55.2	103.3	830.4	259.8
2750	49.8	58.4	109.3	876.8	273.9
2800	50.7	59.5	111.3	892.2	278.6
3000	54.3	63.7	119.3	954.0	297.4
3200	57.9	67.9	127.3	1015.9	316.2
3250	58.8	68.9	129.3	1031.2	320.9
3400	61.4	72.1	135.3	1077.3	335.0
3500	63.2	74.2	139.3	1108.4	344.4
3600	65.0	76.3	143.4	1139.2	353.8
3750	67.7	79.5	149.4	1185.6	367.9
3800	68.6	80.5	151.4	1201.0	372.6
4000	72.2	84.7	159.4	1262.8	391.3
4200	75.7	89.0	167.4	1324.7	410.1
4250	76.6	90.0	169.4	1340.0	414.8
4400	79.3	93.2	175.4	1386.5	428.9
4500	81.1	95.3	179.4	1417.2	438.3
4600	82.9	97.4	183.4	1448.3	447.7
4750	85.6	100.5	189.4	1491.4	461.8