

## 产品参数表:

型号	流量 Q		扬程 m	效率 %	转速 r/min	电机 功率 kW	必需汽 蚀余量 (NPSH)r	重量 kg
	m <sup>3</sup> /h	l/s						
15-80	1.1	0.3	8.5	26	2800	0.18	2.3	17
	1.5	0.42	8	34				
	2.0	0.55	7	34				
20-110	1.8	0.5	16	25	2800	0.37	2.3	25
	2.5	0.69	15	34				
	3.3	0.91	13.5	35				
20-160	1.8	0.5	33	19	2900	0.75	2.3	29
	2.5	0.69	32	25				
	3.3	0.91	30	23				
25-110	2.8	0.78	16	34	2900	0.55	2.3	26
	4	1.11	15	42				
	5.2	1.44	13.5	41				
25-125	2.8	0.78	20.6	28	2900	0.75	2.3	28
	4	1.11	20	36				
	5.2	1.44	18	35				
25-125A	2.5	0.69	17		2900	0.55	2.3	27
	3.6	1.0	16	35				
	4.6	1.28	14.4					
25-160	2.8	0.78	33	24	2900	1.5	2.3	39
	4	1.11	32	32				
	5.2	1.44	30	33				
25-160A	2.6	0.12	29		2900	1.1	2.3	34
	3.7	1.03	28	31				
	4.9	1.36	26					
32-100(I)	4.4	1.22	13.2	48	2900	0.75	2.0	32
	6.3	1.75	12.5	54				
	8.3	2.32	11.3	53				
32-125	3.5	0.97	22	40	2900	0.75	2.3	28
	5	1.39	20	44				
	6.5	1.8	18	42				
32-125A	3.1	0.86	17.6		2900	0.55	2.3	28
	4.5	1.25	16	43				
	5.8	1.61	14.4					
32-160(I)	4.4	1.22	33.2	34	2900	2.2	2.0	47
	6.3	1.75	32	40				
	8.3	2.32	30.2	42				
32-200(I)	4.4	1.22	50.5	26	2900	4	2.0	43
	6.3	1.75	50	33				
	8.3	2.32	48	35				

32-200A	2.8	0.78	44.6	34	2900	2.2	2.0	74
	4	1.11	44	40				
	5.2	1.44	42.7	42				
40-100	4.4	1.22	13.2	48	2900	0.55	2.3	32
	6.3	1.75	12.5	54				
	8.3	2.31	11.3	53				
40-100A	3.9	1.08	10.6		2900	0.37	2.3	32
	5.6	1.56	10	52				
	7.4	2.06	9					
40-125	4.4	1.22	21	41	2900	1.1	2.3	34
	6.3	1.75	20	46				
	8.3	2.31	18	43				
40-125A	3.9	1.08	17.6	40	2900	0.75	2.3	33
	5.6	1.56	16	45				
	7.4	2.06	14.4	41				
40-160	4.4	1.22	33	35	2900	2.2	2.3	47
	6.3	1.75	32	40				
	8.3	2.31	30	40				
40-160A	4.1	1.14	29	34	2900	1.5	2.3	43
	5.9	1.64	28	39				
	7.8	2.17	26.3	39				
40-160B	3.8	1.06	25.5	34	2900	1.1	2.3	38
	5.5	1.53	24	38				
	7.2	2.0	22.5	37				
40-200	4.4	1.22	51	26	2900	4	2.3	74
	6.3	1.75	50	33				
	8.3	2.31	48	32				
40-200A	4.1	1.14	45	26	2900	3	2.3	62
	5.9	1.64	44	31				
	7.8	2.17	42	30				
40-200B	3.7	1.03	38		2900	2.2	2.3	52
	5.3	1.47	36	29				
	7.0	1.94	34.5					
40-250	4.4	1.22	82	24	2900	7.5	2.3	105
	6.3	1.75	80	28				
	8.3	2.31	74	28				
40-250A	4.1	1.14	72	24	2900	5.5	2.3	98
	5.9	1.64	70	28				
	7.8	2.17	65	27				
40-250B	3.8	1.06	61.5	23	2900	4	2.3	77
	5.5	1.53	60	27				
	7.0	1.94	56	26				
40-100(I)	8.8	2.44	13.2	55	2900	1.1	2.3	34
	12.5	3.47	12.5	62				

	16.3	4.53	11.3	60				
40-100(I)A	8	2.22	10.6					
	11	3.05	10	60	2900	0.75	2.3	32
	14.5	4.03	9					
40-125(I)	8.8	2.44	21.2	49				
	12.5	3.47	20	58	2900	1.5	2.3	38
	16.3	4.53	17.8	57				
40-125(I)A	8	2.22	17					
	11	3.05	16	57	2900	1.1	2.3	33
	14.5	4.03	14					
40-160(I)	8.8	2.44	33	45				
	12.5	3.47	32	52	2900	3	2.3	56
	16.3	4.53	30	51				
40-160(I)A	8.2	2.28	29	44				
	11.7	3.25	28	51	2900	2.2	2.3	47
	15.2	4.22	26	50				
40-160(I)B	7.3	2.38	23					
	10.4	2.89	22	50	2900	1.5	2.3	43
	13.5	3.75	20.5					
40-200(I)	8.8	2.44	51.2	38				
	12.5	3.47	50	46	2900	5.5	2.3	85
	16.3	4.53	48	46				
40-200(I)A	8.3	2.31	45.0	37				
	11.7	3.25	44	45	2900	4	2.3	75
	15.3	4.25	42	45				
40-200(I)B	7.5	2.08	37					
	10.6	2.94	36	44	2900	3	2.3	63
	13.8	3.83	34					
40-250(I)	8.8	2.44	81.2	31				
	12.5	3.47	80	38	2900	11	2.3	145
	16.3	4.53	77.5	40				
40-250(I)A	8.2	2.28	71.0					
	11.6	3.22	70	38	2900	7.5	2.3	95
	15.2	4.22	68					
40-250(I)B	7.6	2.11	61.4					
	10.8	3.0	60	37	2900	7.5	2.3	94
	14	3.89	58					
40-250(I)C	7.1	1.97	53.2					
	10.0	2.78	52	36	2900	5.5	2.3	88
	13.1	3.64	50.4					
50-100	8.8	2.44	13.6	55				
	12.5	3.47	12.5	62	2900	1.1	2.3	36
	16.3	4.53	11.3	60				
50-100A	8	2.22	11	60	2900	0.75	2.3	35

	11 14.5	3.05 4.03	10 9					
50-125	8.8 12.5 16.3	2.44 3.47 4.53	21.5 20 17.8	49 58 57	2900	1.5	2.3	43
50-125A	8 11 14.5	2.22 3.05 4.03	17 16 14	57	2900	1.1	2.3	38
50-160	8.8 12.5 16.3	2.44 3.47 4.53	33 32 30	45 52 51	2900	3	2.3	59
50-160A	8.2 11.7 15.2	2.28 3.25 4.22	29 28 26	44 51 50	2900	2.2	2.3	51
50-160B	7.3 10.4 13.5	2.38 2.89 3.75	23 22 20.5	50	2900	1.5	2.3	47
50-200	8.8 12.5 16.3	2.44 3.47 4.53	52 50 48	38 46 46	2900	5.5	2.3	101
50-200A	8.3 11.7 15.3	2.31 3.25 4.25	45.8 44 42	37 45 45	2900	4	2.3	80
50-200B	7.5 10.6 13.8	2.08 2.94 3.83	37 36 34	44	2900	3	2.3	68
50-250	8.8 12.5 16.3	2.44 3.47 4.53	82 80 77.5	29 38 40	2900	11	2.3	160
50-250A	8.2 11.6 15.2	2.28 3.22 4.22	71.5 70 68	38	2900	7.5	2.3	115
50-250B	7.6 10.8 14	2.11 3.0 3.89	61.4 60 58	37	2900	7.5	2.3	114
50-250C	7.1 10.0 13.1	1.97 2.78 3.64	53.2 52 50.4	36	2900	5.5	2.3	108
50-100(I)	17.5 25 32.5	4.86 6.94 9.03	13.7 12.5 10.5	67 69 69	2900	1.5	2.5	41
50-100(I)A	15.6 22.3 29	4.3 6.19 8.1	11 10 8.4	65 67 68	2900	1.1	2.5	36

50-125(I)	17.5	4.86	21.5	60	2900	3	2.5	56
	25	6.94	20	68				
	32.5	9.03	18	67				
50-125(I)A	15.6	4.33	17	58	2900	2.2	2.5	48
	22.3	6.19	16	66				
	29	8.1	13.6	65				
50-160(I)	17.5	4.68	34.4	54	2900	4	2.5	72
	25	6.94	32	63				
	32.5	9.03	27.5	60				
50-160(I)A	16.4	4.56	30	54	2900	4	2.5	71
	23.4	6.5	28	62				
	30.4	8.44	24	59				
50-160(I)B	15.0	4.17	26		2900	3	2.5	59
	21.6	6.0	24	58				
	28	7.78	20.6					
50-200(I)	17.5	4.86	52.7	49	2900	7.5	2.5	108
	25	6.94	50	58				
	32.5	9.03	45.5	59				
50-200(I)A	16.4	4.56	46.4	48	2900	7.5	2.5	107
	23.5	6.53	44	57				
	30.5	8.47	40	58				
50-200(I)B	15.2	4.22	40		2900	5.5	2.5	100
	21.8	6.06	38	55				
	28.3	7.86	34.5					
50-250(I)	17.5	4.86	82	39	2900	15	2.5	175
	25	6.94	80	50				
	32.5	9.03	76.5	52				
50-250(I)A	16.4	4.56	71.5	39	2900	11	2.5	165
	23.4	6.5	70	50				
	30.5	8.47	67	52				
50-250(I)B	15	4.17	61	38	2900	11	2.5	165
	21.6	6.0	60	49				
	28	7.78	57.4	54				
50-315(I)	17.5	4.86	128	30	2900	30	2.5	310
	25	6.94	125	40				
	32.5	9.03	122	44				
50-315(I)A	16.6	4.61	115	30	2900	22	2.5	245
	23.7	6.58	113	40				
	31	8.6	110	44				
50-315(I)B	15.7	4.36	103		2900	18.5	2.5	215
	22.5	6.25	101	39				
	29.2	8.0	98					
50-315(I)C	14.4	4.0	86	38	2900	15	2.5	195
	20.6	5.72	85					

	26.8	7.44	83					
65-100	17.5	4.86	13.7	67	2900	1.5	2.5	46
	26	6.94	12.5	69				
	32.5	9.03	10.5	69				
65-100A	15.6	4.3	11	65	2900	1.1	2.5	41
	22.3	6.19	10	67				
	29	8.1	8.4	68				
65-125	17.5	4.86	21.5	60	2900	3	2.5	58
	25	6.94	20	68				
	32.5	9.03	18	67				
65-125A	15.6	4.33	17	58	2900	2.2	2.5	49
	22.3	6.19	16	66				
	29	8.1	14.4	65				
65-160	17.5	4.86	34.4	54	2900	4	2.5	75
	25	6.94	32	63				
	32.5	9.03	27.5	60				
65-160A	16.4	4.56	30	54	2900	4	2.5	75
	23.4	6.5	28	62				
	30.4	8.44	24	59				
65-160B	15.0	4.17	26		2900	3	2.5	63
	21.6	6.0	24	58				
	28	7.78	20.5					
65-200	17.5	4.86	52.7	49	2900	7.5	2.5	107
	25	6.94	50	58				
	32.5	9.03	45.5	59				
65-200A	16.4	4.56	46.4	48	2900	7.5	2.5	107
	23.5	6.53	44	57				
	30.5	8.47	40	58				
65-200B	15.2	4.22	40		2900	5.5	2.5	100
	21.8	6.06	38	55				
	28.3	7.86	34.5					
65-250	17.5	4.86	82	39	2900	15	2.5	180
	25	6.94	80	50				
	32.5	9.03	76.5	52				
65-250A	16.4	4.56	71.5	39	2900	11	2.5	170
	23.4	6.5	70	50				
	30.5	8.47	67	52				
65-250B	15	4.17	61	38	2900	11	2.5	170
	21.6	6.0	60	49				
	28	7.78	57.4	54				
65-315	17.5	4.86	127	32	2900	30	2.5	320
	25	6.94	125	40				
	32.5	9.03	122	44				
65-315A	16.6	4.61	115	32	2900	22	2.5	255

	23.7 31	6.58 8.6	113 110	40 44				
65-315B	15.7 22.5 29.2	4.36 6.25 8.0	103 101 98	39	2900	18.5	2.5	225
65-315C	14.4 20.6 26.8	4.0 5.72 7.44	86 85 83	38	2900	15	2.5	205
65-100(I)	35 50 65	9.72 13.9 18.1	13.8 12.5 10	67 73 70	2900	3	3.0	63
65-100(I)A	31.3 44.7 58	8.7 12.4 16.1	11 10 8	66 72 69	2900	2.2	3.0	53
65-125(I)	35 50 65	9.72 13.9 18.1	22 20 17	67 72.5 70	2900	5.5	3.0	99
65-125(I)A	31.3 45 58	8.7 12.5 16.1	17.5 16 13.6	66 71 69	2900	4	3.0	78
65-160(I)	35 50 65	9.72 13.9 18.1	35 32 28	63 71 70	2900	7.5	3.0	103
65-160(I)A	32.7 46.7 61	9.1 13.0 16.9	30.6 28 24	62 70 69	2900	7.5	3.0	103
65-160(I)B	30.3 43.3 56.3	8.4 12.0 15.6	26 24 21	69	2900	5.5	3.0	97
65-200(I)	35 50 65	9.72 13.9 18.1	53.5 50 46	55 67 68	2900	15	3.0	176
65-200(I)A	32.8 47 61	9.1 13.1 16.9	47 44 40	54 66 67	2900	11	3.0	166
65-200(I)B	30.5 43.5 56.6	8.5 12.1 15.7	40.6 38 33.4	65	2900	7.5	3.0	114
65-250(I)	35 50 65	9.72 13.9 18.1	83 80 72	52 59 60	2900	22	3.0	235
65-250(I)A	32.5 46.7 61	9.0 13.0 16.9	73 70 63	52 59 60	2900	18.5	3.0	205

65-250(I)B	30	8.3	62					
	43.3	12.0	60	58	2900	15	3.0	180
	56	15.6	54					
65-315(I)	35	9.72	128	44				
	60	13.9	125	54	2900	37	3.0	350
	65	18.1	121	57				
65-315(I)A	32.5	9.0	112.6	43				
	46.5	12.9	110	54	2900	30	3.0	335
	60.5	16.8	106.4	57				
65-315(I)B	31	8.6	102.5					
	44.5	12.4	100	53	2900	30	3.0	335
	58	16.1	98					
65-315(I)C	29	8.1	87					
	41	11.4	85	51	2900	22	3.0	270
	53.6	14.9	83					
80-100	35	9.72	13.8	67				
	50	13.9	12.5	73	2900	3	3.0	63
	65	18.1	10	70				
80-100A	31.3	8.7	11	66				
	44.7	12.5	10	72	2900	2.2	3.0	54
	58	16.1	8	69				
80-125	35	9.72	22	67				
	50	13.9	20	72.5	2900	5.5	3.0	99
	65	18.1	17	70				
80-125A	31.3	8.7	17.5	66				
	45	12.5	16	71	2900	4	3.0	79
	58	16.1	13.6	69				
80-160	35	9.72	35	63				
	50	13.9	32	71	2900	7.5	3.0	105
	65	18.1	28	70				
80-160A	32.7	9.1	30.6	62				
	46.7	13.0	28	70	2900	7.5	3.0	105
	61	16.9	24	69				
80-160B	30.3	8.4	26					
	43.3	12.0	24	69	2900	5.5	3.0	98
	56.3	15.6	21					
80-200	35	9.72	53.5	55				
	50	13.9	50	67	2900	15	3.0	175
	65	18.1	46	68				
80-200A	32.8	9.1	47	54				
	47	13.1	44	66	2900	11	3.0	165
	61	16.9	40	67				
80-200B	30.5	8.5	40.6					
	43.5	12.1	38	65	2900	7.5	3.0	115



	56.6	15.7	33.4					
80-250	35	9.72	83	52	2900	22	3.0	240
	50	13.9	80	59				
	65	18.1	72	60				
80-250A	32.5	9.0	73	52	2900	18.5	3.0	210
	46.7	13.0	70	59				
	61	16.9	63	60				
80-250B	30	8.3	62		2900	15	3.0	185
	43.3	12.0	60	58				
	56	15.6	54					
80-315	35	9.72	128	43	2900	37	3.0	355
	50	13.9	125	54				
	65	18.1	122	57				
80-315A	32.5	9.0	112.6	43	2900	30	3.0	340
	46.5	12.9	110	54				
	60.5	16.8	107.4	57				
80-315B	31	8.6	102.5		2900	30	3.0	340
	44.5	12.4	100	53				
	58	16.1	98					
80-315C	29	8.1	98		2900	22	3.0	275
	41	11.4	85	51				
	53.6	14.9	83					
80-350	35	9.72	146	55	2900	55	3.0	570
	50	13.9	150	66				
	65	18.1	142	67				
80-350A	31	8.6	138.4		2900	45	3.0	470
	44.5	12.4	142	65				
	58	16.1	134.8					
80-350B	29	8.1	131.4		2900	37	3.0	440
	41	11.4	135	63				
	53.6	14.9	127.8					
80-100(I)	70	19.4	13.6	66	2900	5.5	4.5	108
	100	27.8	12.5	76				
	130	36.1	11	75				
80-100(I)A	62.5	17.4	11	64	2900	4	4.5	87
	89	24.7	10	74				
	116	32.2	8.8	74				
80-125(I)	70	19.4	23.5	70	2900	11	4.5	163
	100	27.8	20	76				
	130	36.1	14	65				
80-125(I)A	62.6	17.4	19	68	2900	7.5	4.5	113
	89	24.7	16	74				
	116	32.2	11	65				
80-160(I)	70	19.4	36.5	70	2900	15	4.5	184

	100 130	27.8 36.1	3 24	76 65				
80-160(I)A	65.4 93.5 121.6	18.2 26.0 33.8	32 28 21	68 74 67	2900	11	4.5	174
80-160(I)B	60.6 86.6 112.5	16.8 24.1 31.3	72 24 18	72	2900	11	4.5	174
80-200(I)	70 100 130	19.4 27.8 36.1	54 50 42	65 74 73	2900	22	4.0	251
80-200(I)A	65.4 93.5 121.6	18.2 26.0 33.8	47.5 44 37	64 73 72	2900	18.5	4.0	220
80-200(I)B	61 87 113	16.9 24.2 31.4	41 38 32	71	2900	15	4.0	198
80-250(I)	70 100 130	19.4 27.8 36.1	87 80 68	62 69 68	2900	37	4.0	330
80-250(I)A	65.4 93.5 121.6	18.2 26.0 33.8	76 70 59.5	61 68 67	2900	30	4.0	315
80-250(I)B	61 87 113	16.9 24.2 31.4	65 60 51	66	2900	30	4.0	315
80-315(I)	70 100 130	19.4 27.8 36.1	132 125 114	55 66 67	2900	75	4.0	675
80-315(I)A	66.5 95 123.6	18.5 26.4 34.3	119 113 103	55 66 67	2900	55	4.0	535
80-315(I)B	63 90 117	17.5 25 32.5	106.6 101 92	65	2900	45	4.0	420
80-315(I)C	58 82 107	16.1 22.8 29.7	90 85 76	63	2900	37	4.0	366
100-100	70 100 130	19.4 27.8 36.1	13.6 12.5 11	66 76 75	2900	5.5	4.5	113
100-100A	62.6 89 116	17.4 47 32.2	11 10 8.8	64 74 74	2900	4	4.5	91

100-125	70	19.4	23.5	70	2900	11	4.5	169
	100	27.8	20	76				
	130	36.1	14	65				
100-125A	62.6	17.4	19	68	2900	7.5	4.5	118
	89	24.7	16	74				
	116	32.2	11	63				
100-160	70	19.4	36.5	70	2900	15	4.5	191
	100	27.8	32	76				
	130	36.1	24	65				
100-160A	65.4	18.2	32	68	2900	11	4.5	181
	93.5	26.0	28	74				
	121.6	33.8	21	67				
100-160B	60.6	16.8	27		2900	11	4.5	181
	86.6	24.1	24	72				
	112.5	31.3	18					
100-200	70	19.4	54	65	2900	22	4.0	245
	100	27.8	50	74				
	130	36.1	42	73				
100-200A	65.4	18.2	47.5	64	2900	18.5	4.0	215
	93.5	26.0	44	73				
	121.6	33.8	37	72				
100-200B	61	16.9	41		2900	15	4.0	193
	87	24.2	38	71				
	113	31.4	32					
100-250	70	19.4	37	62	2900	37	4.0	345
	100	27.8	80	69				
	130	36.1	68	68				
100-250A	65.4	18.2	76	61	2900	30	4.0	330
	93.5	26.0	70	68				
	121.6	33.8	59.5	67				
100-250B	61	16.9	65		2900	30	4.0	330
	87	24.2	60	66				
	113	31.4	51					
100-315	70	19.4	132	55	2900	75	4.0	689
	100	27.8	125	66				
	130	36.1	114	67				
100-315A	66.5	18.5	119	65	2900	55	4.0	549
	95	26.4	113	66				
	123.6	34.3	103	67				
100-315B	63	17.5	106.6		2900	45	4.0	439
	90	25	101	65				
	117	32.5	92					
100-315C	58	16.1	90		2900	37	4.0	385
	82	22.8	85	63				

	107	29.7	76					
100-100(I)	96	26.7	14	64	2900	11	4.5	115
	160	44.4	12.5	73				
	192	53.3	10	70				
100-125(I)	96	26.7	24	62	2900	15	4.5	168
	160	44.4	20	74				
	192	53.3	14	69				
100-125(I)A	84 140	23.3	20	64	2900	11	4.5	168
	168	39	17	72				
		46.7	12	68				
100-160(I)	96	26.7	36	69	2900	22	5.6	210
	160	44.4	32	79				
	192	53.3	27	75				
100-160(I)A	84	23.3	32	66	2900	18.5	5.0	210
	140	39	28	76				
	168	46.7	23.5	72				
100-200(I)	96	26.7	53	69	2900	37	5.2	402
	160	44.4	50	79				
	192	53.3	45	78				
100-200(I)A	84	23.2	48	64	2900	30	4.5	395
	140	39	45	74				
	168	46.7	40	73				
100-200(I)B	60	16.7	43		2900	22	4.5	360
	100	27.8	40	72				
	120	33.3	36					
100-250(I)	96	26.7	83	65	2900	55	4.8	560
	160	44.4	80	77				
	192	53.3	72	74				
100-250(I)A	84	23.3	75	60	2900	45	4.5	420
	140	39	72	72				
	168	46.7	65	69				
100-250(I)B	60	16.7	68		2900	37	4.5	400
	100	27.8	65	70				
	120	33.3	58					
100-350	60	16.7	153.6	72	2900	90	4.0	950
	100	27.8	150	57				
	120	33.3	142	74				
100-350A	61	16.9	145.6		2900	75	4.0	830
	87	24.2	142	75				
	113	31.4	134					
100-350B	58	16.1 22.8 29.7	138.6		2900	55	4.0	600
	82		135	75				
	107		127					
125-100	96	26.7	13	82	2900	11	4.0	180

	160 192	44.4 53.3	12.5 12					
125-100A	86 143 172	23.9 39.7 47.8	10.4 10 9.6	77	2900	7.5	4.0	125
125-125	96 160 192	26.7 44.4 53.3	22.6 20 17	80	2900	15	4.0	220
125-125A	86 143 172	23.9 39.7 47.8	18 16 13.6	77	2900	11	4.0	210
125-160	96 160 192	26.7 44.4 53.3	36 32 28	78	2900	22	4.0	265
125-160A	90 150 180	25 41.7 50	31.5 28 24.5	76	2900	18.5	4.0	230
125-160B	83 138 166	21.7 38.3 46.1	27 24 21	73	2900	15	4.0	215
125-200	96 160 192	26.7 44.4 53.3	55 50 46	77	2900	37	5.5	395
125-200A	90 150 180	25 41.7 50	48.4 44 40.5	76	2900	30	5.5	380
125-200B	83 138 166	21.7 38.3 46.1	41.3 37.5 34.5	75	2900	22	5.5	320
125-250	96 160 192	26.7 44.4 53.3	87 80 73	75	2900	55	5.0	580
125-250A	90 150 180	25 41.7 50	76 70 84	74	2900	45	5.5	490
125-250B	83 138 166	21.7 38.3 46.1	65 60 55	73	2900	37	5.5	430
125-315	96 160 192	26.7 44.7 53.3	133 125 119	70	2900	90	5.0	790
125-315A	90 150 180	25 41.7 50	117 110 104.6	70	2900	75	5.0	710

125-315B	86 143 172	23.9 39.7 47.8	106.4 100 95.2	69	2900	75	5.0	705
125-315C	80.5 134 161	22.4 37.2 44.7	96 88 86	67	2900	55	5.0	585
150-125	96 160 192	26.7 44.4 53.3	22.6 24 17	66 76 76	2900	11	4.0	210
150-125A	90 150 180	25 41.7 50	18 16 13.6	77	2900	7.5	4.0	130
150-160	96 160 192	26.7 44.4 53.3	36 32 27	75	2900	22	4.0	270
150-160A	90 150 180	25 41.7 50	32 28 23.5	76	2900	18.5	4.0	230
150-160B	84 140 168	23.3 39 46.7	27 24 21	73	2900	15	4.0	220
150-200	140 200 260	38.9 55.6 72.2	13.8 12.5 10.6	68 78 78	1450	15	3.0	265
150-200A	125 176 232.5	34.7 49.7 64.6	11 10 8.5	66 76 76	1450	11	3.0	244
150-200B	84 140 168	23.2 39 46.7	41 38 34	75	2900	22	4.0	275
150-250	140 200 260	38.9 55.6 72.2	21.8 20 17	73 79 77	1450	18.5	3.0	300
150-250A	129 184.4 240	35.8 51.2 66.7	18.5 17 14.4	72 78 76	1450	15	3.0	262
150-250B	117 167 217.5	32.5 46.4 60.4	15.2 14 12	76	1450	11	3.0	241
150-315	140 200 260	38.9 55.6 72.2	33.8 32 28	70 78 73	1450	30	2.5	410
150-315A	131 187	36.4 51.9	29.5 28	69 77	1450	22	3.5	335

	243	67.5	24.5	77				
150-351B	121	33.5	25					
	173	48.1	24	76	1450	18.5	3.5	315
	225	62.5	21					
150-350	96	26.7	153.6					
	160	44.4	150	80	2900	110	5.5	970
	192	53.3	142.8					
150-350A	90	25	145.6					
	150	41.7	142	70	2900	90	5.2	790
	180	50	134.8					
150-350B	84	23.3	138.6	65				
	140	39	135	76	2900	75	5.5	705
	168	46.7	127.8	74				
150-400	140	38.9	53	68				
	200	55.6	50	75	1450	45	3.5	490
	260	72.2	44	71				
150-400A	131	36.4	46.6	67				
	187	51.9	44	74	1450	37	3.5	454
	243	67.5	38.3	70				
150-400B	122	33.9	40					
	174	48.3	38	73	1450	30	3.5	435
	226.5	62.9	33					
150-400C	112	31.1	34					
	160	44.4	32	71	1450	22	3.5	365
	208	57.8	28					
150-250(I)	120	33.3	87	65				
	200	55.6	80	76	2900	75	4.5	702
	240	66.7	72	74				
150-250(I)A	112	31.1	76	64				
	187	51.9	70	75	2900	55	4.5	561
	224	62.2	63	73				
150-250(I)B	104	28.9	65	63				
	173	48.1	60	74	2900	45	4.5	460
	208	57.8	54	72				
150-315(I)	120	33.3	133	58				
	200	55.6	125	73	2900	110	4.5	980
	240	66.7	120	75				
150-315(I)A	112	31.1	116	57				
	187	51.9	110	72	2900	90	4.5	800
	224	62.2	105	74				
150-315(I)B	104	28.9	100	55				
	173	48.1	95	70	2900	75	4.5	724
	208	57.8	91	72				
200-200	140	38.9	13.8	68	1450	15	3.0	265

	200 260	55.6 72.2	12.5 10.6	78 78				
200-200A	125 179 232.5	34.7 49.7 64.6	11 10 8.5	66 76 76	1450	11	3.0	244
200-250	140 200 260	38.9 55.6 72.2	21.8 20 17	73 79 77	1450	18.5	3.0	305
200-250A	129 184.4 240	35.8 51.2 66.7	18.5 17 14.4	72 78 76	1450	15	3.0	267
200-250B	117 167 217.5	32.5 46.4 60.4	15.2 14 12	76	1450	11	3.0	246
200-315	140 200 260	38.9 55.6 72.2	33.8 32 28	70 78 78	1450	30	3.5	417
200-315A	131 189 243	36.4 51.9 67.5	29.5 28 24.5	69 77 77	1450	22	3.5	342
200-315B	121 173 225	33.6 48.1 62.5	25 24 21	76	1450	18.5	3.5	322
200-400	140 200 260	38.9 55.6 72.2	53 50 44	68 75 71	1450	45	3.5	498
200-400A	131 187 243	36.4 51.9 67.5	46.6 44 38.3	67 74 70	1450	37	3.5	462
200-400B	122 174 226.5	33.9 48.6 62.9	40 38 33	73	1450	30	3.5	443
200-400C	112 160 208	31.3 44.4 57.8	34 32 28	71	1450	22	3.5	373
200-200(I)	280 400 520	77.8 111.1 144	13.4 12.5 10.5	70 80 79	1450	22	4.0	382
200-200(I)A	250 358 465	69.4 90.4 129.2	10.7 10 8.5	68 73 77	1450	18.5	4.0	346
200-250(I)	280 400 520	77.8 111.1 144	22.2 20 14	75 80 72	1450	30	4.0	475



200-250(I)A	250	69.4	18	73	1450	20	4.0	405
	358	99.4	16	78				
	465	129.2	11.2	70				
200-250(I)B	226	62.8	14.4	70	1450	18.5	4.0	387
	322	89.4	13	75				
	419	116.4	7.3	67				
200-315(I)	280	77.8	36	73	1450	55	4.0	675
	400	111.4	32	80				
	520	144	26	75				
200-315(I)A	262	72.8	31.5	72	1450	45	4.0	560
	374	103.9	28	79				
	486	135	23	74				
200-315(I)B	242	67.3	27		1450	37	4.0	535
	346	96.1	24	78				
	450	125	19.5					
200-400(I)	280	77.8	54.5	75	1450	75	4.0	830
	400	111.4	50	81				
	520	144	39	77				
200-400(I)A	262	72.8	48		1450	75	4.0	830
	374	103.9	44	80				
	486	135	34					
200-400(I)B	242	67.2	41.4		1450	55	5.0	685
	346	96.1	38	78				
	450	125	29.6					
200-400(I)C	224	62.2	34.9		1450	45	5.0	580
	320	88.9	32	76				
	416	115.6	25					
250-250	350	97.2	22	78	1450	45	5.0	620
	550	152.8	20	82				
	650	180.5	16	81				
250-250A	300	83.3	18.3	76	1450	37	5.0	550
	500	139	17	80				
	600	166.7	14	80				
250-235	300	83.3	14	73	1480	22	4.5	410
	500	139	12.5	78				
	600	166.7	11	70				
250-300	300	83.3	22		1480	37	4.5	550
	500	139	20	78				
	600	166.7	16					
250-315	350	97.2	34	76	1450	75	5.5	890
	550	152.8	32	80				
	650	180.5	28	79				

250-315A	300	83.3	29.5	74	1450	55	5.5	690
	500	139	28	78				
	600	166.7	24	77				
250-315B	260	72.2	25	70	1450	45	5.5	620
	450	125	24	74				
	520	144.4	20	72				
250-400	300	83.3	54.5		1480	90	4.5	1530
	500	139	50	72				
	600	166.7	39					
300-235	480	133.3	20	77	970	55	5.0	1120
	720	200	18	81				
	900	250	15.5	74				
300-235A	438	121.7	16.5	75	970	45	5.0	1030
	607	182.5	15	79				
	821	228.1	13	72				
300-235B	400	111.1	14	73	970	37	5.0	890
	600	167.0	12.5	77				
	750	208.3	11	70				
300-300	480	133.3	31	77	970	75	5.0	1350
	720	200	28	81				
	900	250	25	77				
300-300A	444	123.3	26.5	76	970	75	5.0	1350
	666	185	24	80				
	833	231.4	21.5	76				
300-300B	415	115.3	23		970	55	5.0	1170
	623	173.1	21	79				
	779	261.4	18.5					
300-380	480	133.3	48		970	132	5.0	1900
	720	200	44	84				
	900	250	34					
300-380A	444	123.3	41.4		970	110	5.0	1700
	666	185	38	80				
	833	231.4	30					
300-380B	409	113.6	35		970	90	5.0	1530
	614	170.6	32	78				
	767	213.1	25					
300-235(I)	718	199.4	44.6		1450	160	5.5	1680
	1080	300	40	82				
	1345	373.6	34.6					
300-235(I)A	642	178.3	35.7		1450	132	5.5	1440
	965	268.1	32	80				
	1203	334.2	27.7					