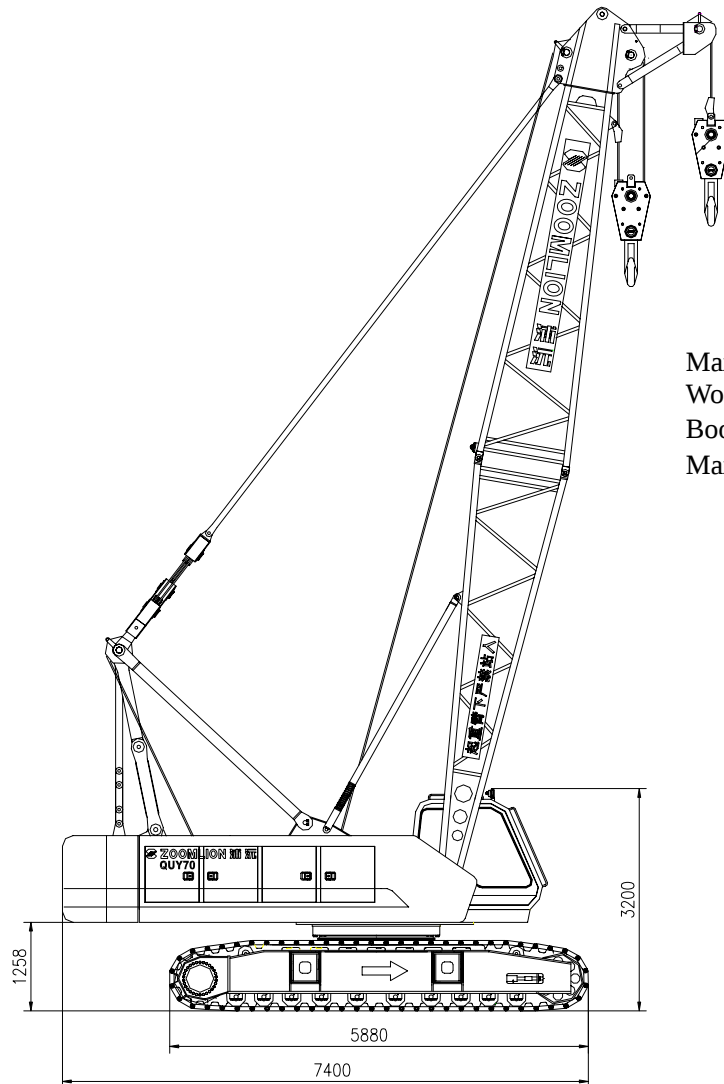


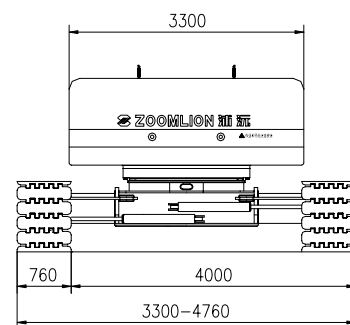
ZOOMLION

Puyuan QUY70 crawler crane

Main machine overall dimensions

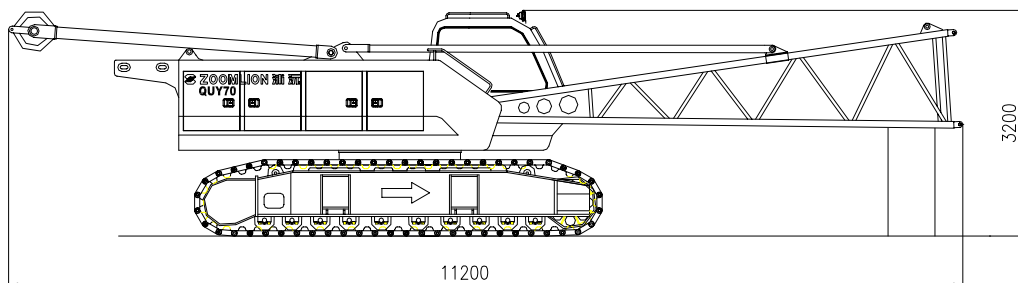


Max. lifting capacity: 70t
 Working weight with basic boom: 50t
 Boom length: 12~57m
 Max length of boom + fixed jib: 42+18m

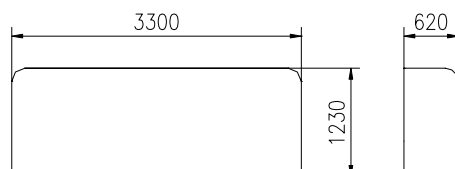


Main transportation parts overall dimensions and weight

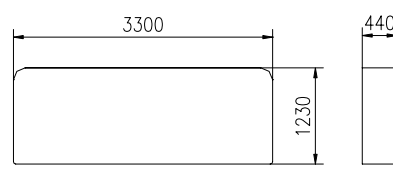
Main machine transportation weight 3.95t



Counterweight I: 10t

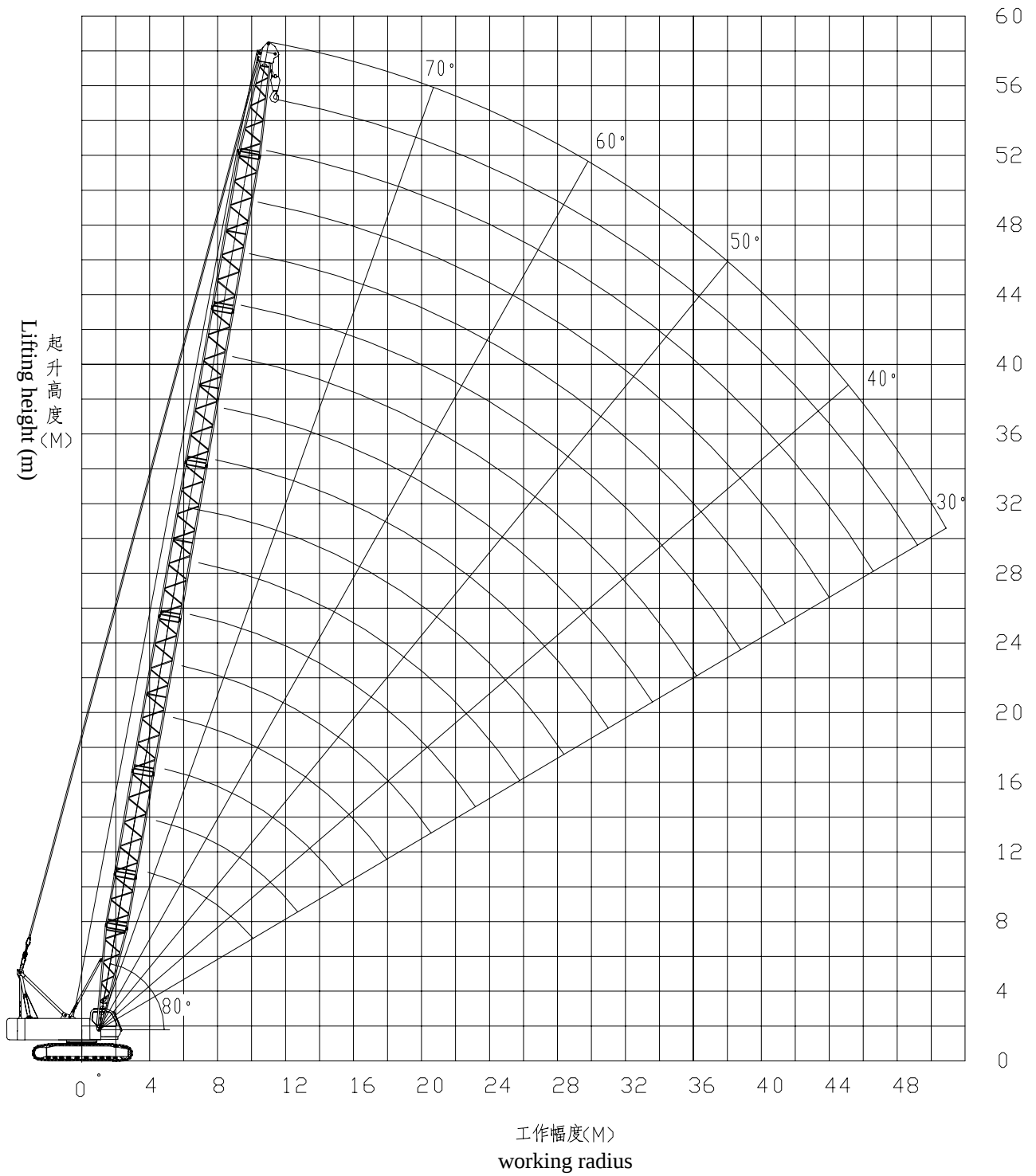


Counterweight II: 10t



Boom lifting characteristics

Boom lifting height characteristics curve



Boom lifting performance table

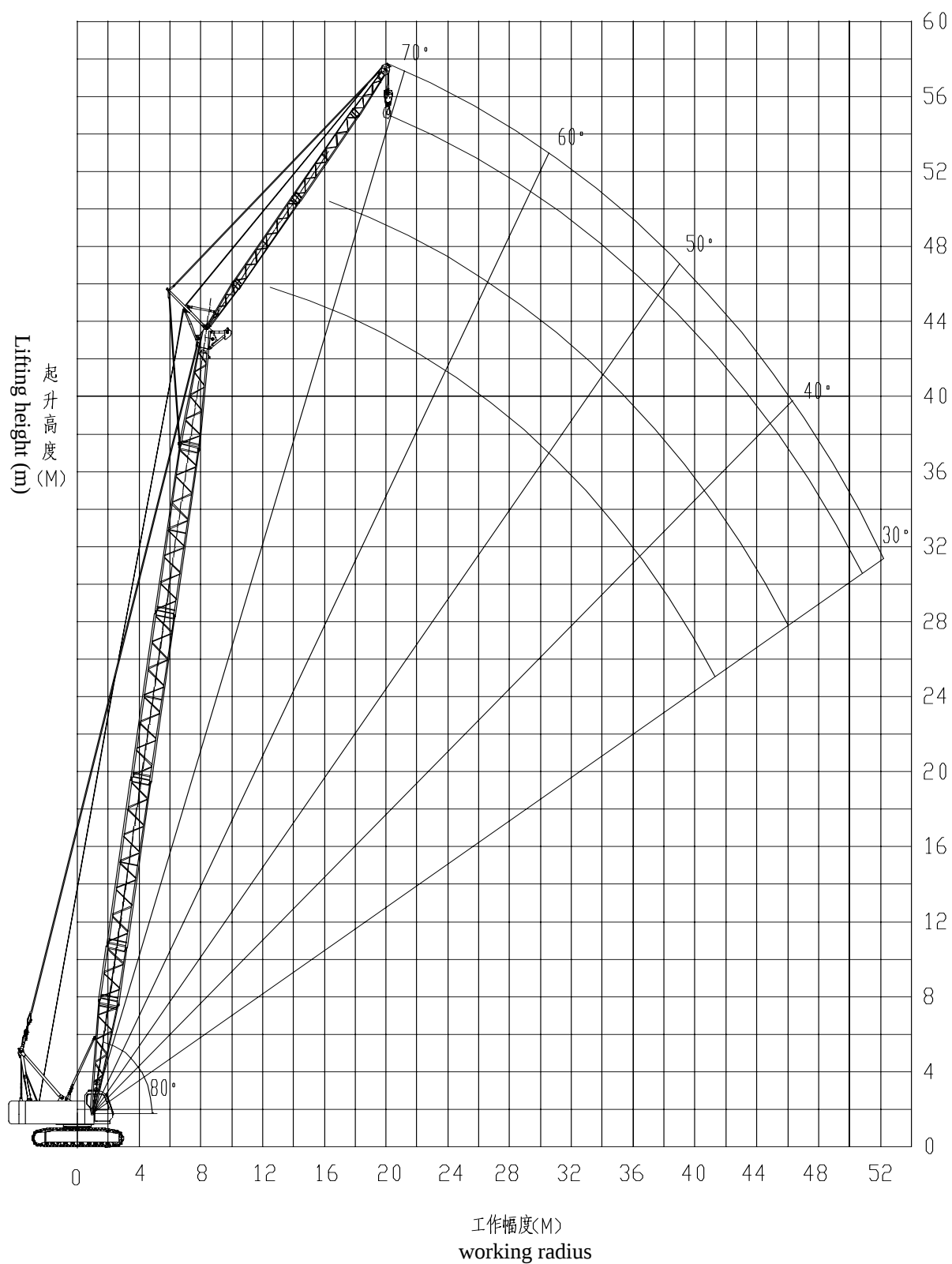
boom length fall radius	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57
	12	12	10	8	8	6	6	6	4	4	4	3	3	3	3	3
3.8	70															
4	65	65	58.2/4.1	51.2/4.6												
5	53.6	52.3	51	49.8	44.2/5.2	37/5.7										
6	40.5	40.1	39.3	38.5	37.7	36.9	34/6.2	30.4/6.7								
7	32.1	32	31.8	31.2	30.6	30.1	29.5	28.9	27.1/7.3	24.3/7.8						
8	26.6	26.5	26.4	26.2	25.8	25.3	24.8	24.3	23.9	23.4	21.9/8.3	19.9/8.8				
9	22.6	22.5	22.4	22.3	22.2	21.8	21.4	21	20.6	20.2	19.8	19.4	18.1/9.3	14.6/9.9		
10	19.7	19.5	19.4	19.3	19.2	19.1	18.7	18.4	18	17.7	17.3	17	16.6	14.6	14.6/10.4	13.7/10.9
12		15.4	15.3	15.1	15	14.9	14.8	14.6	14.3	14	13.7	13.5	13.2	13.3	13.1	12.8
14		12.6	12.5	12.4	12.2	12.1	12	11.9	11.7	11.5	11.3	11	10.8	10.9	10.7	10.5
16			10.5	10.4	10.2	10.1	10	9.9	9.8	9.6	9.5	9.2	9	9.1	8.9	8.7
19				8.3	8.1	8	7.9	7.8	7.6	7.5	7.4	7.3	7.7	7	6.9	6.8
20					7.6	7.5	7.3	7.2	7.1	7	6.8	6.7	7.1	6.5	6.3	6.2
22									6.2	6	5.9	5.8	6.6	5.5	5.4	5.3
24									5.4	5.3	5.1	5	5.7	4.8	4.6	4.5
26									4.8	4.6	4.5	4.4	4.9	4.1	4	3.9
28									4.2	4.1	4	3.9	4.3	3.6	3.5	3.3
29									4	3.9	3.7	3.6	3.7	3.4	3.2	3.1
30									3.8	3.6	3.5	3.4	3.5	3.1	3	2.9
32									3.4	3.2	3.1	3	3.3	2.7	2.6	2.5
34										2.9	2.8	2.6	2.9	2.4	2.3	2.1
36											2.5	2.3	2.5	2.1	1.9	1.8
37											2.3	2.2	2.2	1.9	1.8	1.7
38												2.1	2.1	1.8	1.7	1.5
39												1.9	1.9	1.7	1.5	1.4
40													1.8	1.6	1.4	1.3
42													1.7	1.3	1.2	1.1

Note:

1. The values in the lifting performance table include the hook weight and the weight between hook and the wire rope.
2. When lift the load with boom nose pulley, the lifting capacity is the single wire rope pulling force of boom which has same boom length and same radius.

Jib lifting characteristics

Jib lifting height characteristics curve



boom + jib lifting height characteristics curve drawing (30° between jib center line and boom)

jib lifting capacity table

boom length	30						33						36					
jib length	6		12		18		6		12		18		6		12		18	
radius	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
8	6.4/8.3						6.4/8.8						6.4/9.3					
10	6.4	6.4/10.1	6.4/10.3				6.4	6.4/10.6	6.4/10.8				6.4	6.4/11.1	6.4/11.4			
12	6.4	6.4	6.4	6.4/13.9	5.0/12.4		6.4	6.4	6.4		4.9/12.9		6.4	6.4	6.4		4.9/13.4	
14	6.4	6.4	6.4	6.4	4.8		6.4	6.4	6.4	6.4/14.4	4.9		6.4	6.4	6.4	6.4/15	4.9	
16	6.4	6.4	6.4	6.4	4.8	4.5/17.8	6.4	6.4	6.4	6.4	4.8		6.4	6.4	6.4	6.4	4.8	
18	6.4	6.4	6.4	6.4	4.7	4.5	6.4	6.4	6.4	6.4	4.8	4.4/18.3	6.4	6.4	6.4	6.4	4.8	4.5/18.8
20	6.4	6.4	6.4	6.4	4.6	4.3	6.4	6.4	6.4	6.4	4.6	4.3	6.4	6.4	6.4	6.4	4.7	4.4
22	6.4	6.4	6.4	6.4	4.5	4.3	6.3	6.3	6.4	6.4	4.5	4.3	6.1	6.2	6.3	6.4	4.5	4.3
24	5.6	5.6	5.9	5.9	4.5	4.3	5.5	5.5	5.6	5.8	4.5	4.3	5.3	5.4	5.5	5.7	4.5	4.3
26	4.9	4.9	5.2	5.2	4.4	4.2	4.8	4.8	5	5.1	4.5	4.2	4.7	4.7	4.9	5.0	4.5	4.3
28	4.4	4.4	4.6	4.6	4.4	4.2	4.3	4.3	4.4	4.5	4.4	4.2	4.1	4.1	4.3	4.4	4.3	4.2
30	3.9	3.9	4.1	4.1	4.2	4.2	3.8	3.8	3.9	4.0	4	4.2	3.7	3.7	3.8	3.9	3.9	4.1
32	3.5	3.5	3.7	3.7	3.6	3.9	3.4	3.4	3.5	3.6	3.6	3.8	3.2	3.2	3.4	3.5	3.5	3.7
34			3.3	3.3	3.4	3.5	3.0	3.0	3.2	3.2	3.3	3.4	2.9	2.9	3	3.1	3.1	3.3
36			3	3	3.1	3.1	2.6	2.6	2.9	2.9	2.9	3.0	2.5	2.5	2.7	2.8	2.8	2.9
38			2.6	2.6	2.8	2.8			2.5	2.5	2.6	2.7	2.2	2.2	2.4	2.4	2.5	2.6
40					2.5	2.5			2.3	2.3	2.4	2.4			2.2	2.2	2.3	2.3
42					2.3	2.3			2	2.0	2.2	2.2			2	2	2	2.1
44					2.0	2.0					1.9	1.9			1.7	1.7	1.8	1.8
46																	1.6	1.6
48																	1.4	1.4
50																	1.2	1.2

jib lifting capacity table

boom length	39						42					
jib length	6		12		18		6		12		18	
radius	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
8	6.4/9.8		6.4/11.9									
10	6.4	6.4/11.6	6.4				6.4/10.3					
12	6.4	6.4	6.4		4.9/13.9		6.4	6.4/12.2	6.4/12.4			
14	6.4	6.4	6.4	6.4/15.5	4.9		6.4	6.4	6.4		4.9/14.4	
16	6.4	6.4	6.4	6.4	4.8		6.4	6.4	6.4	6.4	4.9	
18	6.4	6.4	6.4	6.4	4.8	4.5/19.3	6.4	6.4	6.4	6.4	4.8	4.5/19.9
20	6.4	6.4	6.4	6.4	4.7	4.5	6.4	6.4	6.4	6.4	4.7	4.5
22	6	6.1	6.2	6.4	4.6	4.3	5.9	6.1	6.1	6.3	4.7	4.3
24	5.2	5.3	5.4	5.6	4.6	4.3	5.1	5.2	5.3	5.5	4.6	4.3
26	4.6	4.6	4.7	4.9	4.5	4.3	4.4	4.5	4.6	4.8	4.6	4.3
28	4	4.0	4.2	4.3	4.2	4.2	3.9	4	4.1	4.2	4.2	4.3
30	3.5	3.5	3.7	3.8	3.8	4.0	3.4	3.4	3.6	3.7	3.7	3.9
32	3.1	3.1	3.3	3.4	3.4	3.6	3	3.0	3.2	3.3	3.3	3.3
34	2.8	2.8	2.9	3.0	3	3.2	2.6	2.6	2.8	2.9	2.9	3.1
36	2.4	2.4	2.6	2.6	2.7	2.8	2.3	2.3	2.5	2.5	2.6	2.7
38	2.1	2.1	2.3	2.3	2.4	2.5	2.1	2.0	2.2	2.2	2.3	2.4
40	1.9	1.9	2.1	2.1	2.1	2.2	1.8	1.8	1.9	2.0	2	2.1
42	1.6	1.6	1.8	1.8	1.9	2.0	1.5	1.5	1.7	1.7	1.8	1.9
44			1.6	1.6	1.7	1.8	1.3	1.3	1.5	1.5	1.6	1.7
46			1.4	1.4	1.5	1.5			1.3	1.3	1.4	1.4
48					1.3	1.3			1.1	1.1	1.2	1.2
50					1.2	1.2					1.1	1.1
52					1	1.0					0.9	0.9
54											0.8	0.8