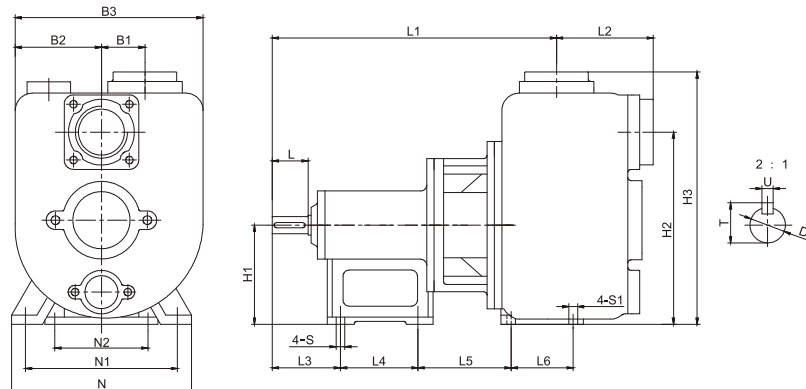
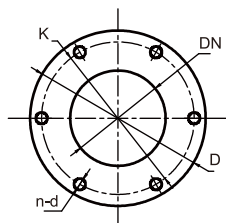


EJ Series Installation Dimensions



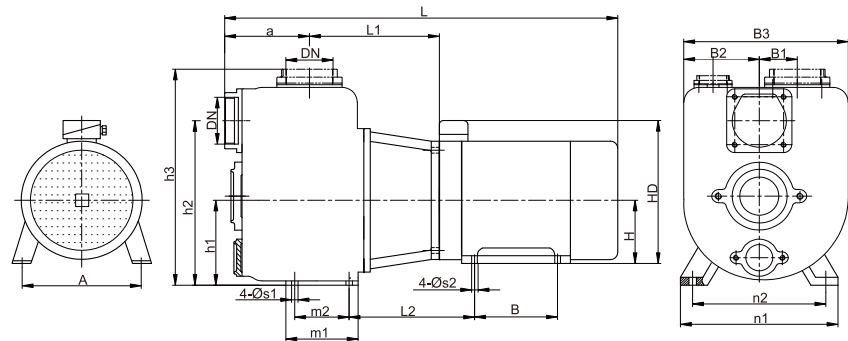
Model	Overall Dimensions					Installation Dimensions														Shaft			Weight
	B1	B2	B3	L1	L2	H1	H2	H3	N2	N1	N	L	L3	L4	L5	L6	s1	s	T	U	D	kg	
EJ80-215	70	139	303	458	155	160	310	410	150	245	290	60	110	125	150	100	Φ14	Φ14	31	8	Φ28	75	

Flange Dimensions



Model	Suction Flange(mm)				Discharge Flange(mm)			
	DN	D	K	n-d	DN	D	K	n-d
EJ40-110	RP1 ½	-	-	-	RP1 ½	-	-	-
EJ50-120	RP2				RP2			
EJ80-140	RP3				RP3			
EJ80-215								
EJ100-160	RP4				RP4			
EJ100-250								
EJ150-250								
EJ150-400	Φ150	Φ276	Φ240	6-Φ18	Φ150	Φ276	Φ240	6-Φ18
EJ200-300	Φ200	Φ320	Φ280	8-Φ18	Φ200	Φ320	Φ280	8-Φ18

EJZ Series Installation Dimensions (50Hz)



Model	Motor(B34)		Installation Dimensions (mm)																				Weight (kg)				
	Model	kw	DN	B1	B2	B3	h1	h2	h3	m1	m2	n1	n2	a	L1	s1	s2	H	HD	A	B	L2	L	Pump	Motor	Total	
EJZ40-110-01102	Y2-802-2	1.1	1 ½"	30	80	173	95	168	245	-	-	-	-	75	153.5	-	10	80	215	125	100	-	485	17	17	34	
EJZ50-120-02202	Y2-90L-2	2.2	2"	36	94	210	105	201	321					114	185			90	235	140	125		595	27	25	52	
EJZ80-140-04002	Y2-112M-2	4	3"	45	110	240	132	287	380	115	80	245	200	148	202.5	14	12	112	284	190	140	211	690	48	42	90	
EJZ80-140-05502	Y2-132S1-2	5.5		45	70	139	303	160	310	410	133	100	290	245	156			239	112	324		196	253	763	50	64	114
EJZ80-215-04004	Y2-112M-4	4		70	139	303	341		462	-	-	-	-	180	283.5			-	15	112		324	196	226	735	67	46
EJZ100-160-15002	Y2-160M2-2	15	4"	37	150	300	160	341	462	-	-	-	-	180	283.5	-	15	160	406	254	210	-	969	125	107	232	
EJZ100-250-07504	Y2-132M-4	7.5		37	150	300		341	462	-	-	-	-	180	283.5	-	15	160	406	254	210	-	969	125	107	232	
EJZ100-250-07504	Y2-132M-4	7.5	4"	160	180	420	200	350	487	145	95	340	295	275	226.5	14	12	132	324	216	178	331.5	932	135	77	212	
				160	180	420	200	350	487	145	95	340	295	275	226.5	14	12	132	324	216	178	331.5	932	135	77	212	



Description & Features

EIFEL EJT series are self-priming, solids handling, resistant to abrasion. These pumps can handle liquids up to a viscosity of about 50 mm²/s. They are designed with the advanced device Maintenance Hole and Wear Plate, easy to clean and flush. EJ & EJZ pumps have wide applications in industry, marine and waste treatment.

Model Instruction:



Design & Structure

Design	Performance and Dimensions referring to the European standard
Structure	Semi-open impeller, Single-Suction, Self-priming, Maintenance Hole, Wear Plate
Flange	Pump casings are casted with flanges; Screw flange for discharge size <100 mm

Material

Part	Standard Material	Options on request
Casing	Cast Iron	Ductile Iron
Impeller	Ductile Iron	Bronze / ASTM304(CF8) / ASTM316(CF8M)
Wear Plate	Cast Iron	Bronze / ASTM304 / ASTM316
Shaft	ASTM1045	ASTM304 / ASTM316 / ASTM420
Shaft Seal	Mechanical Seal	-

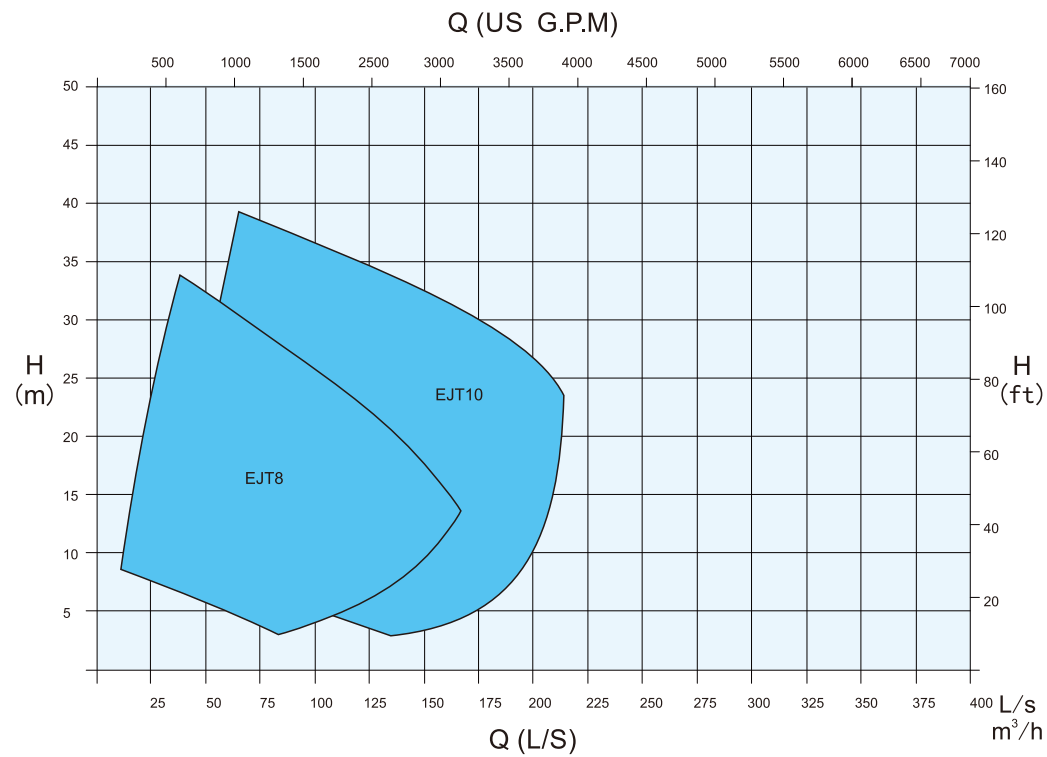
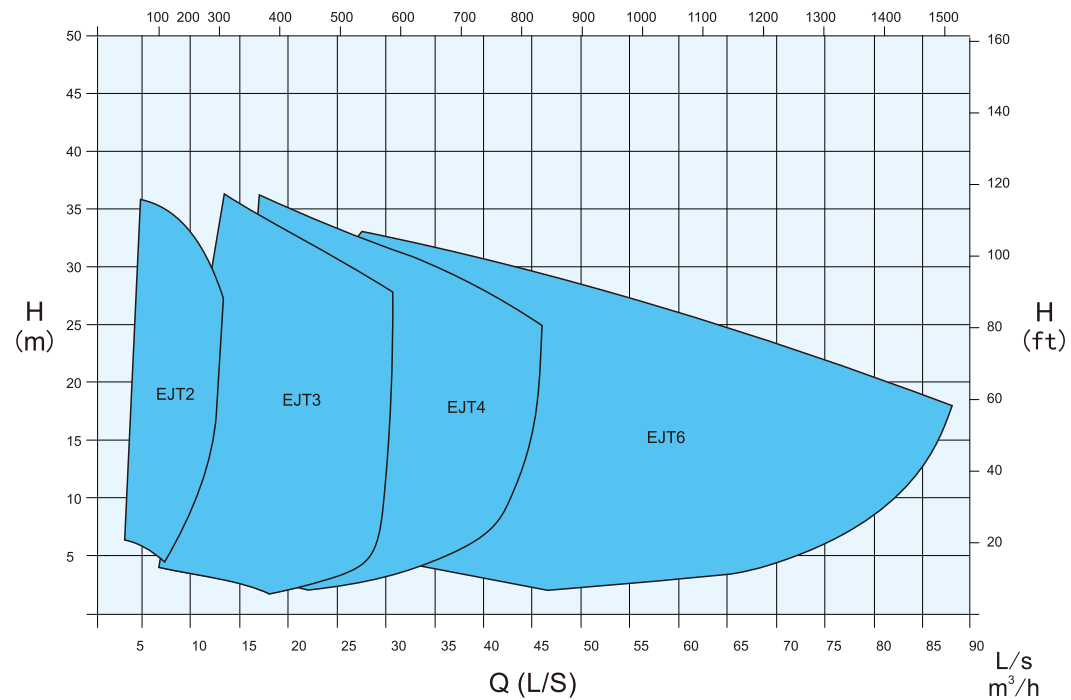
Operating Data

DN(mm)	50~250	Flow Rate(Q)	7~1000m ³ /h
Head(H)	2~44m	Max Solids Size	45~76mm
Self-priming Head	3~7m		
Speed	1500~3000Rpm; lower speed on request		
Max Temperature	80°C		
Conveying Medium	Neutral, acid or alkali clean or dirty liquids, containing sand, mud or solids in suspension		

Applications

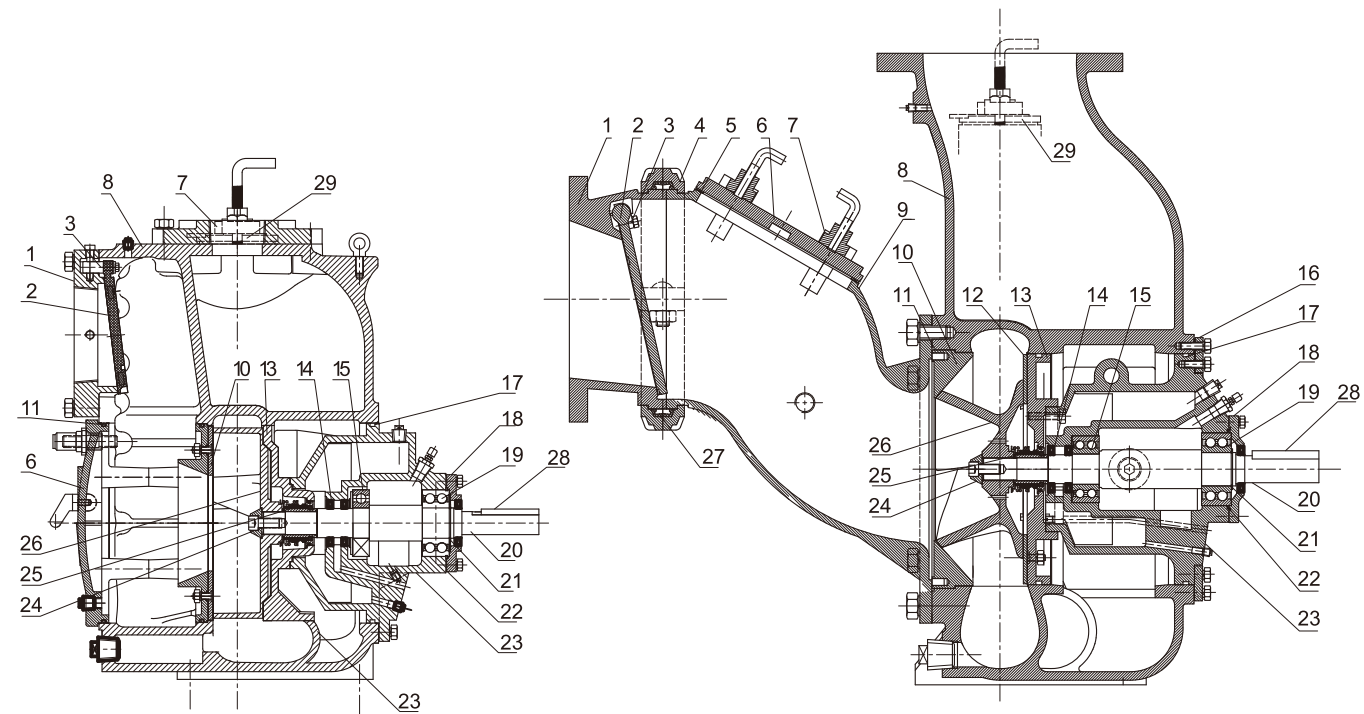
- Waste Water Treatment Plant
- Wasing, Cooling, Circulation
- Smoke Scrubbing
- Marine – Ballasting & Bilge
- Liquid Transfer: clean or dirty water, mixed liquids, abrasive or corrosive liquids, low viscosity of petroleum products

EJT Series Performance



Performance to ISO9906 Grade 2 for clean cold water only

EJT Series Explode View & List of Parts

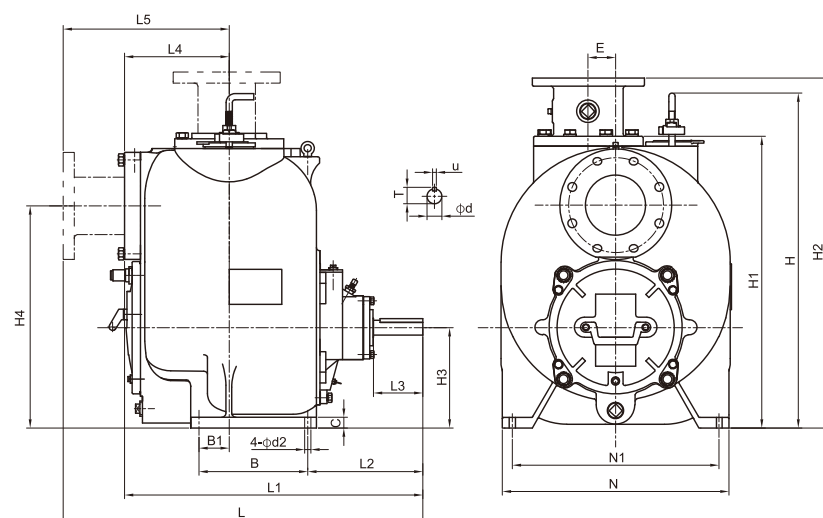


Code	Part Name
01	Suction Flange
02	Flap Valve
03	Locking block
04	Clamp
05	Gasket
06	Clean Out Cover
07	Locking plate
08	Casing
09	Suction Head
10	Front Wear Plate

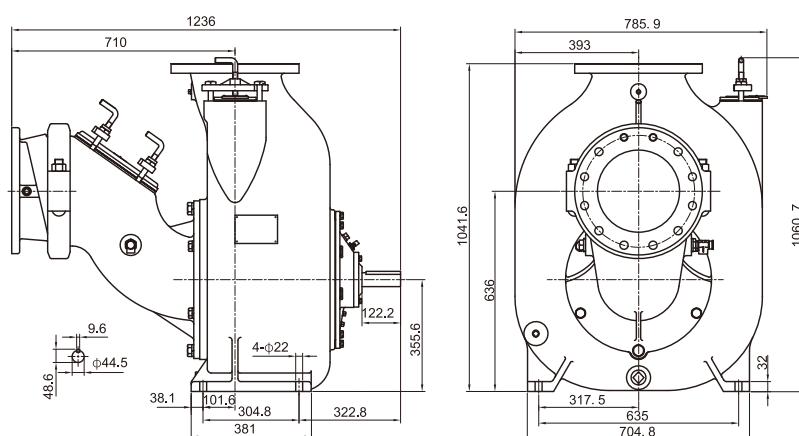
Code	Part Name
11	O Ring
12	Rear Wear Plate
13	Casing Cover
14	LIP SEAL
15	Ball Bearing
16	Bearing Housing Plate
17	O Ring
18	Bearing Cover
19	Bearing
20	Shaft

Code	Part Name
21	External Circlips
22	O Ring
23	Bearing Housing
24	Wear ring retainer
25	Seal Assembly
26	Impeller
27	Clamp Gasket
28	Key
29	Add water cover

EJT Series Installation Dimensions



Model	B	B1	C	E	H	H1	H2	H3	H4	L	L1	L2	L3	L4	L5	N	N1	d	u	T	d2	Weight (kg)
EJT2	182.6	50.8	17.5	44.4	535	452.4	551.7	152.4	342.9	627	521	226	90	163	269	324	295.1	28.4	6.4	31.4	14	112
EJT3	228.6	76.2	19	69.8	670	564.6	686.8	190.5	431.8	732	624	287	102	186	294	432	393.7	38.1	9.6	42.1	18	190
EJT4	279.4	77.8	25.4	69.8	756	654	743	222.2	495.3	814	723	295	127	228	319	508	457.2	38.1	9.6	42.1	18	260
EJT6	279.4	77.8	27	69.8	854	759	896	257	568.4	901	763	295	127	268	406	578	527	38.1	9.6	42.1	18	405
EJT8	304.8	101.6	32	0	978	960	1068	330.2	723.9	1021	950	410	171	342	413	705	635	44.5	9.6	48.6	22	660



EJT10 Installation Dimensions

Flange Dimensions (ISO7005.2 DIN2501 GB/T17241.6 PN16)

Model	Inlet(mm)				Outlet(mm)			
	DN	D	K	n-d	DN	D	K	n-d
EJT2	DN50	165	125	4-Φ18	DN50	165	125	4-Φ18
EJT3	DN80	200	160	8-Φ18	DN80	200	160	8-Φ18
EJT4	DN100	220	180	8-Φ18	DN100	220	180	8-Φ18
EJT6	DN150	285	240	8-Φ22	DN150	285	240	8-Φ22
EJT8	DN200	340	295	12-Φ22	DN200	340	295	12-Φ22
EJT10	DN250	409	355	12-Φ26	DN250	409	355	12-Φ26

Model	Speed(rpm)	Q(m³/h)	10	12.5	15	17.5	20	25	30	35	40	45
EJT2	1150	H (m)	5.1	4.9	4.6	4.5	4.3	3.8				
	1450		8.2	8	7.7	7.4	7.2	6.6	6.2	5.9		
	1750		12.2	11.9	11.5	11.4	11	10.4	9.8	9.2	8.4	
	2050		17.1	16.7	16.4	16.1	15.7	14.9	14.2	13.5	12.7	11.8
	2350			22.3	21.9	21.5	21.1	20.3	19.4	18.6	17.8	17
	2650			29.1	28.6	28.1	27.6	26.6	25.6	24.5	23.4	22.6
	2900				34.3	33.7	33.2	32.1	31	29.9	29	28.2
Model	Speed(rpm)	Q(m³/h)	10	20	30	40	50	60	70	80	90	100
EJT3	650	H (m)	3.3	2.9	2.6	2.1						
	750		4.5	4	3.5	3	2.4					
	850		5.8	5.2	4.7	4.2	3.5	2.8				
	950		7.1	6.5	6	5.4	4.8	4	3.1			
	1050		8.9	8.2	7.6	7	6.3	5.4	4.5	3.6		
	1150			10	9.4	8.6	7.8	6.9	5.9	5	4.1	
	1250			11.8	11.1	10.3	9.5	8.7	7.8	6.8	5.8	
	1350			14	13.2	12.4	11.6	10.6	9.5	8.4	7.4	
	1450			16.2	15.2	14.2	13.4	12.4	11.4	10.3	9.3	
	1550			18.6	17.4	16.4	15.5	14.6	13.6	12.5	11.4	
	1650			20.9	20	19.1	18.1	17	15.9	14.7	13.6	
	1750				22.3	21.3	20.3	19.3	18.2	17.1	15.9	14.7
	1850				25.2	24	23.1	22.1	21.1	19.9	18.6	17.6
	1950				28.3	27.1	26	24.9	23.8	22.6	21.3	20.2
	2050				31.1	30.1	29.1	28.1	27	25.8	24.6	23.4
	2150					33.2	32.1	31.1	30	28.8	27.6	26.5
Model	Speed(rpm)	Q(m³/h)	20	32	48	64	80	96	112	128	144	160
EJT4	650	H (m)	4.1	3.8	3.3	2.2						
	750		5.5	5.1	4.6	3.8	2.7					
	850		7.2	6.6	6.2	5.5	4.6	3.3				
	950			8.3	7.6	7	6.4	5.4	4.1			
	1050			10.2	9.5	8.8	8.2	7.5	6.3			
	1150			12.4	11.7	10.9	10.1	9.4	8.4	7		
	1250			14.9	13.9	12.9	12.1	11.4	10.5	9.2	7.8	
	1350				16.5	15.4	14.5	13.6	12.7	11.6	10.3	
	1450				19.3	18.1	17	16.1	15.3	14.1	12.7	
	1550				21.6	20.6	19.6	18.7	17.6	16.3	14.9	13.3
	1650				24.8	23.6	22.6	21.6	20.6	19.4	17.8	15.7
	1750				28.1	26.9	25.9	24.8	23.7	22.5	21	19.2
	1850				31.6	30.2	29	28	26.9	25.6	24.1	21.9
	1950				35.4	34.1	32.8	31.5	30.3	29	27.6	25.7
Model	Speed(rpm)	Q(m³/h)	50	80	120	150	180	210	240	270	300	330
EJT6	650	H (m)	5.7	5	3.9	2.9						
	750		7.8	7.1	5.9	4.9	3.5					
	850		10.3	9.5	8.2	7.1	5.8	4.2				
	950		12.8	12	10.6	9.4	8.2	6.6	4.9			
	1050		15.8	14.9	13.5	12.3	10.9	9.4	7.6	5.7		
	1150		18.8	17.9	16.5	15.3	13.9	12.3	10.6	8.6		
	1250		22.4	21.5	20	18.7	17.2	15.5	13.8	11.9	9.6	
	1350			25.2	23.3	22.2	20.6	18.8	17	15.2	13.1	
	1450			29.1	27.6	26.1	24.3	22.5	20.7	18.8	16.6	
	1550				31.7	30.2	28.5	26.7	24.8	22.9	20.8	18.5
Model	Speed(rpm)	Q(m³/h)	100	150	200	250	300	350	400	450	500	550
EJT8	650	H (m)	7.4	6.4	5.5	4.4	3.1					
	750		10.2	9.2	8.2	7	5.6	4.1				
	850		13	12	10.9	9.8	8.5	7	5.1			
	950		16.5	15.4	14.2	12.9	11.6	10.2	8.4	6.1		
	1050		20.4	19.1	17.8	16.5	15	13.4	11.6	9.3		
	1150		24.7	23.2	21.7	20.2	18.7	17.1	15.4	13.5	11.2	
	1250			28.2	26.5	24.8	23.1	21.2	19.3	17.3	15.1	12.3
	1350			33.6	31.9	30.1	28.3	26.4	24.6	22.4	20.4	17.8
Model	Speed(rpm)	Q(m³/h)	200	300	400	450	500	550	600	650	700	750
EJT10	650	H (m)	7	5.9	4.4	3.4						
	750		9.8	8.7	7	6.1	5.2	3.7				
	850		12.7	11.6	10.1	9.2	8.1	6.6	5.1			
	950		16.2	14.8	13.2	12.2	11.2	10	8.6	6.6		
	1050		20.2	18.7	17.2	16.2	15.1	13.9	12.5	11	8.7	
	1150		24.5	23	21.3	20.2	19.3	18.4	17.2	15.4	13.3	
	1250		29.6	27.8	26	25	24	22.8	21.5	20.1	18.4	16.1
	1350			32.9	31	29.9	28.6	27.3	25.8	24.2	22.6	20.2
	1450			38.1	36.3	35	33.7	32.4	31.1	29.5	27.9	25.7