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There may be errors between the data and the actual data,
Please refer to our actual products
No further notice.



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.com

ESP

Non-clogging Self-priming
Sewage Pump



EVOKE

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Application scenario System solution



Heating system



Floor radiant heating system



Domestic hot water system



Solar and geothermal energy system



Air conditioning system



Refrigeration system



Rainwater reuse system



Water supply pressurization system



Fire protection system



Water purification system



Source water intake system



Seawater desalination system



Agricultural irrigation system



Sewage collection and transportation system



Drainage system



Industrial application



Bath /SPA pool water circulation



Circulating filtration of water pool



About Us



70⁺

Partners from over 70 countries & areas



50⁺

More than 50 international certifications



150⁺

Complete product range, covering a wide range of fields



10000000⁺

Over 10000000 water pumps are sold worldwide every year

EVOKE Pump is a high-end sub brand under Dolleu Pump that focuses on serving the global market. With the goal of being green, eco-friendly, and energy-saving, we aim to create a new type of sustainable ecological productivity Chinese water pump brand. We are one of the world's leading high-quality suppliers in the fields of construction, water treatment, fire fighting, industry and commerce.

EVOKE provides customers with better service, innovation, and value. With outstanding fluid mechanics technology and more than 20 years of new quality productivity intelligent manufacturing mode, our innovative intelligent water treatment system solution provides one-stop humanized services, including surface pumps, commercial pumps, HVAC circulation pumps, industrial pumps, fire pumps, submersible pumps, swimming pool pumps, deep well pumps, irrigation pumps and other water pump products in multiple application fields, which are deeply loved by consumers in various countries and regions around the world.

EVOKE is committed to providing sustainable quality of life for humanity, making high-quality water pumps affordable in all regions of the world. We advocate for eco-friendly and rational water use, arouse human attention and pursuit of ecological protection, and jointly build a green and eco-friendly earth.

Milestone of EVOKE

2002

Established Haiyang
Water Pump CO.,LTD

2010

Established Shanghai Langong Pump CO.,LTD,
a well-know pump brand in the
field of fire fighting.

2016

Established the Dolleu Pump brand,
integrate the brands and enter the
industrial and commercial fields

2019

Relocated to a new factory for standardize
production, resulting in a significant
increase in production
capacity and efficiency

2024

Established EVOKE Pump,
a high-end sub brand,
to serve global users





STABLE
PERFORMANCE



HIGH
PRECISION



HIGH
EFFICIENCY



SECURITY
AND STABILITY

Rated Flow

10~750m³/h

Rated Head

3~38m

Inlet/outlet Range

DN50~DN250

Max Working Pressure

10bar

ESP Non-clogging Self-priming Sewage Pump



Feature

The ESP type non-clogging self-priming sewage pump is suitable for the treatment of municipal and industrial waste water, as well as various wastewater classification and centralized treatment systems. It is known as the "king of self-priming sewage pumps" and is the most ideal new generation of sewage pump products.

- Stable performance and reliable use
- Fast self suction and high suction degree
- Rear pull-out structure: convenient for maintenance and troubleshooting. Only ordinary tools are needed to quickly complete daily maintenance, saving time and effort
- Open impeller structure, non clogging design, strong passing capacity
- Easy to use: Simply install the pump at the edge of the sewage pit and extend the suction pipe below the liquid level to work (The first start of the pump needs to be filled with water)

Operating Condition

- Liquid temperature: 0°C~40°C, medium density $\leq 1.2 \times 10^3 \text{kg/m}^3$, pH value 5-9
- The volume ratio of solid matter in the medium is $\leq 2\%$
- Maximum particle diameter: ESP-2 38mm, ESP-3 63mm, ESP-4/ESP-6/ESP-8/ESP-10 76mm
- Environmental temperature: $\leq 40^\circ\text{C}$, Altitude: up to 1000m
- Flow usage range: 10m³/h~750m³/h
- Lift usage range: 3m~38m
- Supporting power range: 1.1kW~90kW
- Maximum working pressure: see performance curve
- Maximum suction lift: see performance table

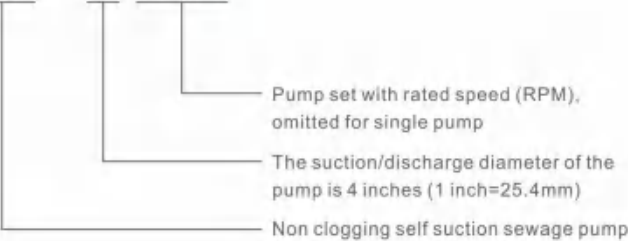


Application

- Used for handling non flammable and explosive liquids
- Rainwater and general sewage
- Municipal sewage discharge projects, construction sites, civil air defense system drainage stations
- Industrial waste water from light industry, paper making, textile, food, chemical, electricity, mining, and other industries
- Sewage discharge in residential areas
- Wastewater and sediment from water purification systems
- Tanning industry, slaughterhouse wastewater, and river pond aquaculture industry brewing and sugar industry
- Wastewater discharge that is not highly corrosive but has been severely polluted

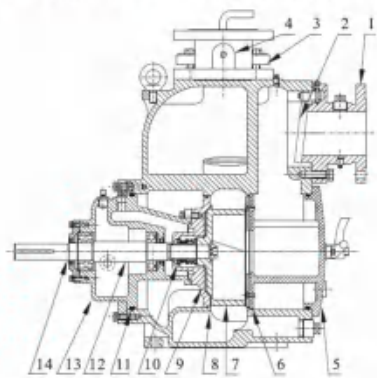
Model Definition

ESP - 4 (1150)

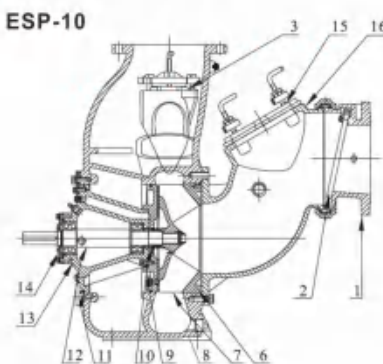


Product Structure

ESP-2/3/4/6/8 SP-2; 3; 4; 6; 8



SP-10



No.	Name	Material
		GB
1	Inlet flange	HT200
2	Inlet valve plate	NBR+Q235A
3	Water injection cap	HT200
4	Outlet flange	HT200
5	End cap	HT200
6	Wear disc	45 QT400-18
7	Impeller	QT400-18 ZG0Cr18Ni9
8	Pump body	HT200
9	Upper cover of impeller	HT200
10	Mechanical seal	WC/WC
11	O-ring	NBR/FPM
12	Pump shaft	3Cr13
13	Bearing body	HT200
14	Bearing cover	HT200
15	Inlet pipe cover	HT200
16	Water inlet pipe	HT200

Installation Condition

The suction pipe can be made of flexible or rigid pipe, and the material of the pipeline must be suitable for the liquid being transported.

The wall of the flexible pipe must have sufficient rigidity to prevent the suction pipe from collapsing.

The suction pipe should not be installed near the water flow (which may have a vortex), otherwise a baffle should be added between the suction pipe and the water flow, with a distance of 15 times the pipe diameter.

The suction pipe should not be installed near the water ,otherwise a baffle should be added, with a distance of 15 times the pipe diameter. If there are more than two suction pipes in the same sump, the distance of them should be greater than 3 times the pipe diameter.

The depth of immersion of the suction tube into the liquid is related to the liquid flow rate inside the suction tube, as shown in Figure 1.

The immersion depth of the suction pipe can be changed by increasing pipe diameter and the inlet flow, expanding the suction pipe diameter by installing standard reducing fittings, using concentric or eccentric reducing fittings for vertical or horizontal expansion.

The recommended ratio for expanding the suction pipe diameter is 1.3 to 1.5 times the pipe diameter. The backflow state means that there is pressure at the inlet of the pump, and the inlet pressure must not exceed 50% of the maximum allowable working pressure.

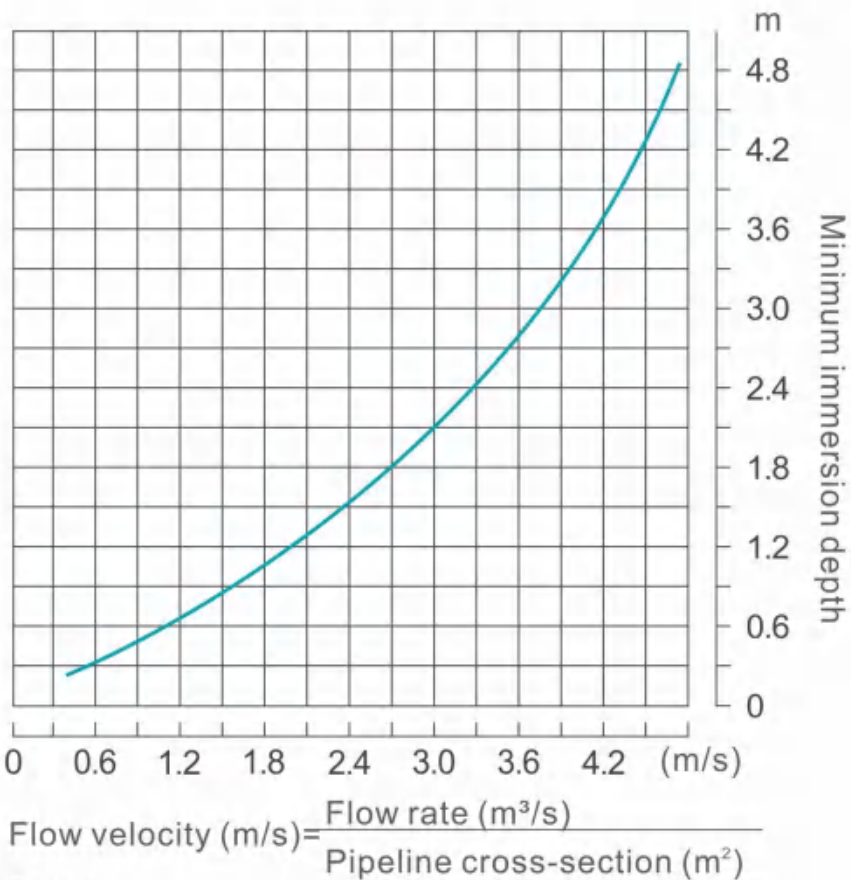
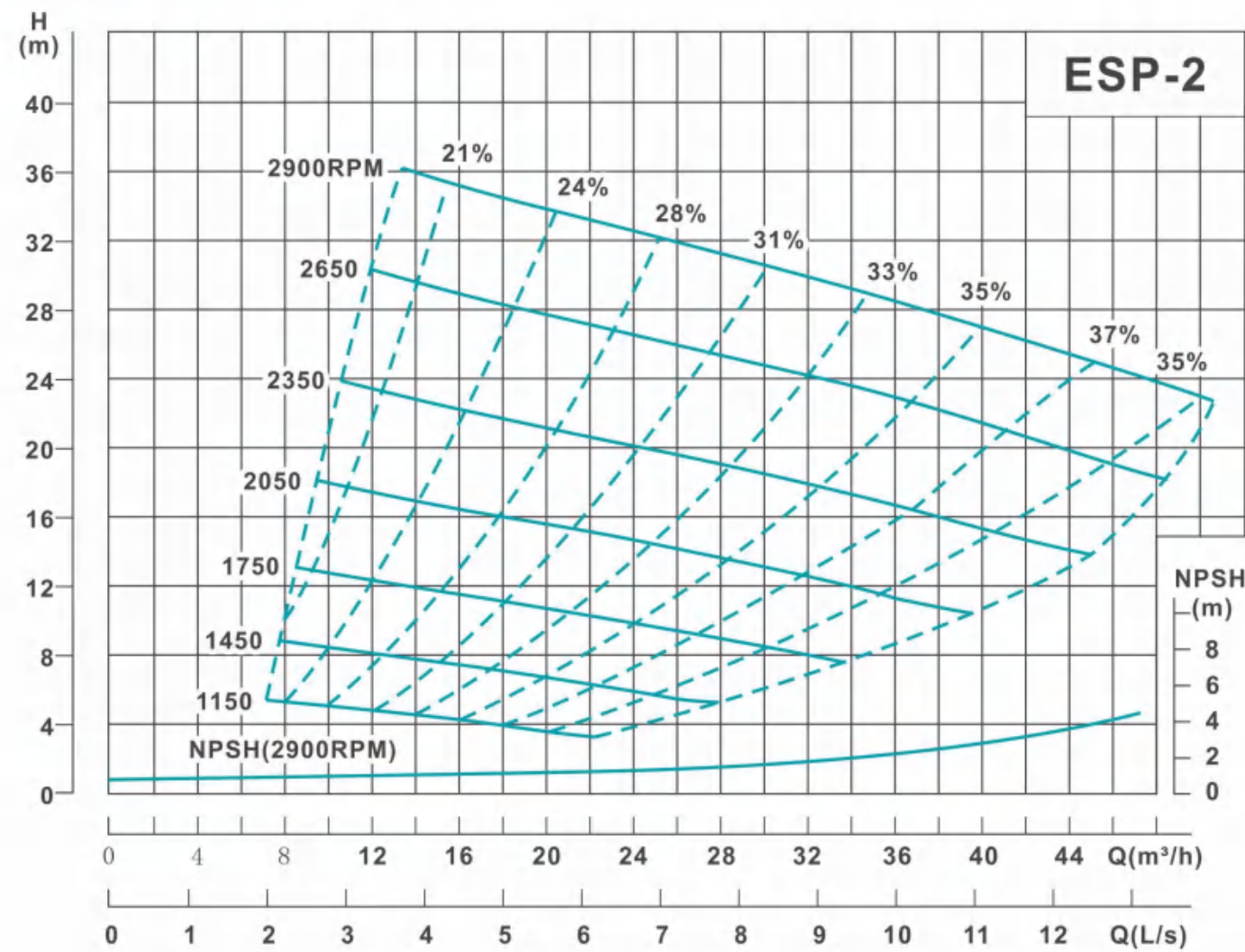


Figure 1
Recommended Relationship between
Immersion Depth and Flow Rate of the Inhalation Tube

Performance Curve



Performance Table

Model	Speed RPM	Flow		Head	Power		Inlet/Outlet	Passage size	Max suction
		m³/h	L/s	m	kW	HP	mm	mm	m
ESP-2	1150	15	15	4.0	1.1	1.5	50(2')	38	5.0
	1450*	20	20	6.5	1.5	2			6.5
	1750	25	25	9.5	3	4			6.5
	2050	28	28	13.5	4	5.5			6.5
	2350	32	32	18.0	7.5	10			6.5
	2650	35	35	23.0	7.5	10			6.5
	2900*	40	40	27.0	9.2	12.5			6.5

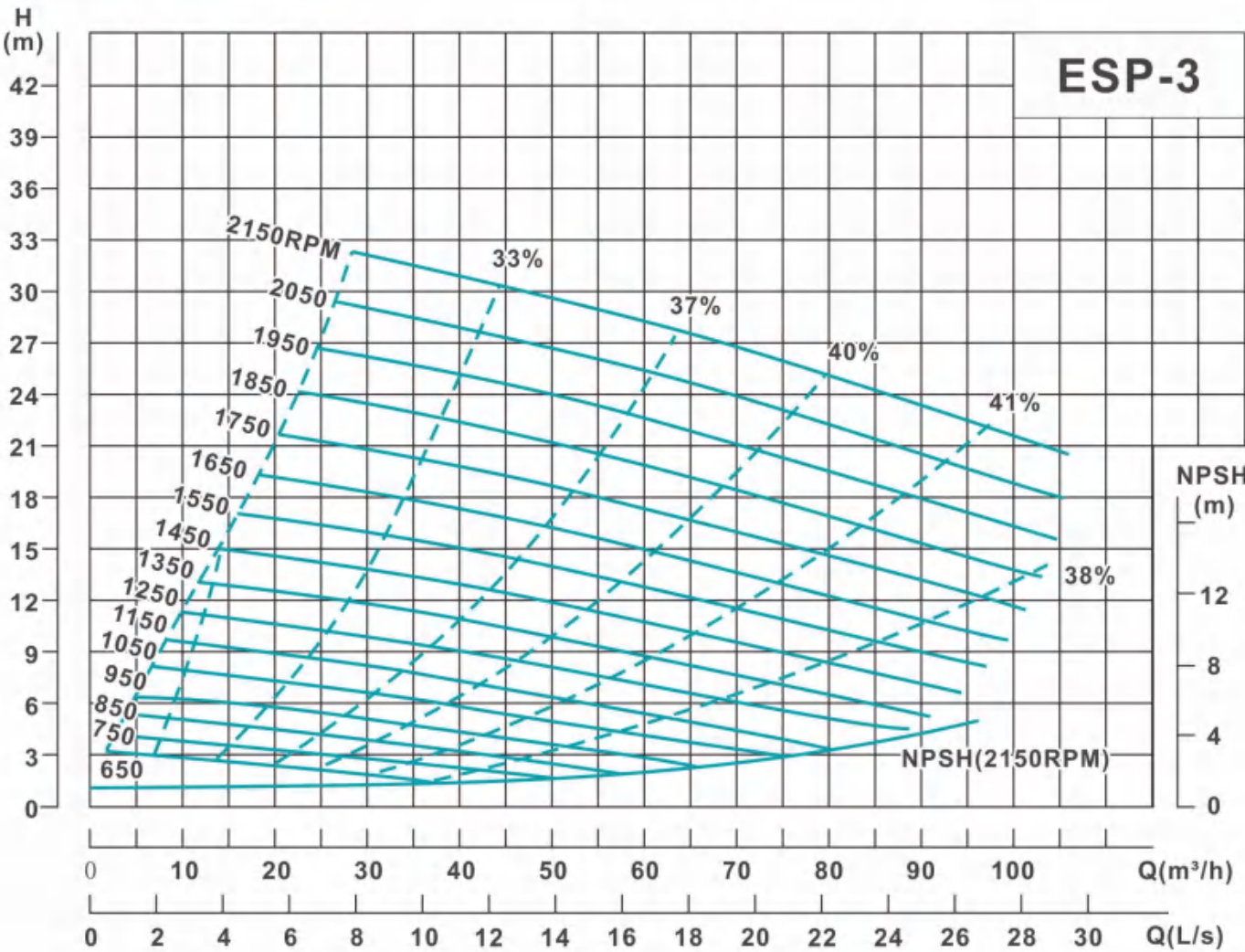
Operating Range

Model	Speed RPM	Q (m³/h)	10	12.5	15	17.5	20	25	30	35	40	45
ESP-2	1150	H (m)	5.1	4.7	4.0	3.8	3.5	-	-	-	-	-
	1450*		8.4	8.1	7.6	7.3	6.5	5.8	-	-	-	-
	1750		12.6	12.2	11.8	11.3	10.8	9.5	8.5	-	-	-
	2050		17.9	17.2	16.7	16.1	15.5	14.5	13.2	11.6	-	-
	2350		-	23.2	22.5	21.8	21.2	19.9	18.6	17.2	15.3	-
	2650		-	30.1	29.2	28.4	27.6	26.2	24.8	23.0	21.6	19.4
	2900*		-	-	35.6	34.5	33.7	32.1	30.4	29.0	27.0	25.3

Note: (ESP-2, 3, 4, 6, 8, and 10 pumps are applicable simultaneously)

- 1) The performance is based on clean water at room temperature and the minimum suction height is measured at sea level. Due to the different installation of pumps, their performance may vary depending on flow rate, specific gravity, altitude, and temperature. If the density of the conveying medium is greater than 1.2kg/dm3, please contact our company.
- 2) The parameters with "*" in the table indicate that the pump can be directly connected to the YE2 series B3 standard motor through a coupling.
- 3) The parameters of other rotational speeds in the table can be connected through variable speed transmission with a V-belt pulley.

Performance Curve



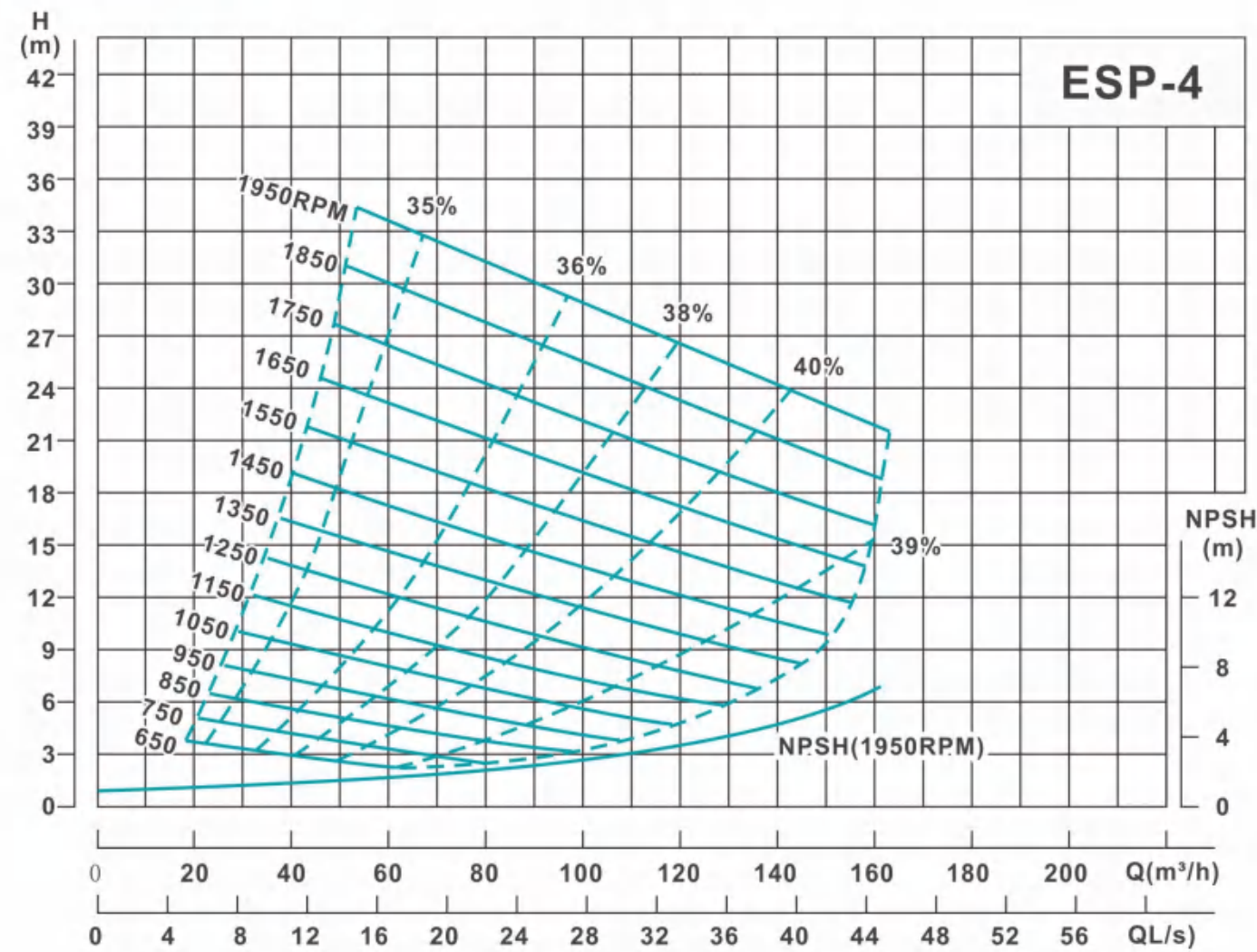
Performance Table

Model	Speed RPM	Flow		Head	Power		Inlet/Outlet	Passage size	Max suction
		m³/h	L/s	m	kW	HP	mm	mm	m
ESP-3	650	25	6.9	2	0.75	1	80(3')	63	1.5
	750*	30	8.3	3	1.5	2			1.8
	850	32.5	9.0	4	1.5	2			2.4
	950*	40	11.1	4.5	1.5	2			3.0
	1050	42.5	11.8	5.5	3	4			4.0
	1150	45	12.5	7	4	5.5			4.9
	1250	50	13.9	8	4	5.5			5.5
	1350	52.5	14.6	10	5.5	7.5			5.8
	1450*	55	15.3	11.5	5.5	7.5			6.4
	1550	60	16.7	12.5	7.5	10			6.4
	1650	65	18.1	14.5	11	15			6.7
	1750	70	19.4	16	11	15			6.7
	1850	72.5	20.1	18	15	20			7.6
	1950	75	20.8	20	15	20			7.6
	2050	80	22.2	22.5	18.5	25			7.6
	2150	85	23.6	24.5	18.5	25			7.6

Operating Range

Model	Speed RPM	Q (m³/h)	10	20	30	40	50	60	70	80	90	100
ESP-3	650	H (m)	2.9	2.5	2.0	-	-	-	-	-	-	-
	750*		3.9	3.5	3.0	2.3	-	-	-	-	-	-
	850		5.2	4.7	3.9	3.4	-	-	-	-	-	-
	950*		6.4	6.0	5.2	4.5	3.8	-	-	-	-	-
	1050		7.9	7.4	6.7	5.9	5.0	4.3	-	-	-	-
	1150		9.7	9.0	8.3	7.4	6.5	5.6	-	-	-	-
	1250		11.3	10.7	10.0	9.1	8.0	7.1	6.2	-	-	-
	1350		-	12.6	11.9	11.0	10.0	9.0	7.7	-	-	-
	1450*		-	14.7	14.0	12.9	12.0	10.8	9.6	8.3	-	-
	1550		-	16.8	16.1	15.1	14.0	12.5	11.7	10.4	9.1	-
	1650		-	19.3	18.5	17.4	16.2	15.0	13.6	12.3	11.1	-
	1750		-	-	20.9	19.7	18.7	17.5	16.0	14.5	13.2	11.8
	1850		-	-	23.5	22.5	21.2	20.0	18.4	16.9	15.3	14.0
	1950		-	-	26.2	25.3	24.1	22.7	21.0	19.6	17.9	16.4
	2050		-	-	29.0	28.0	26.8	25.3	24.0	22.5	20.5	18.9
	2150		-	-	32.1	31.0	29.7	28.2	26.8	25.1	23.4	21.7

Performance Curve



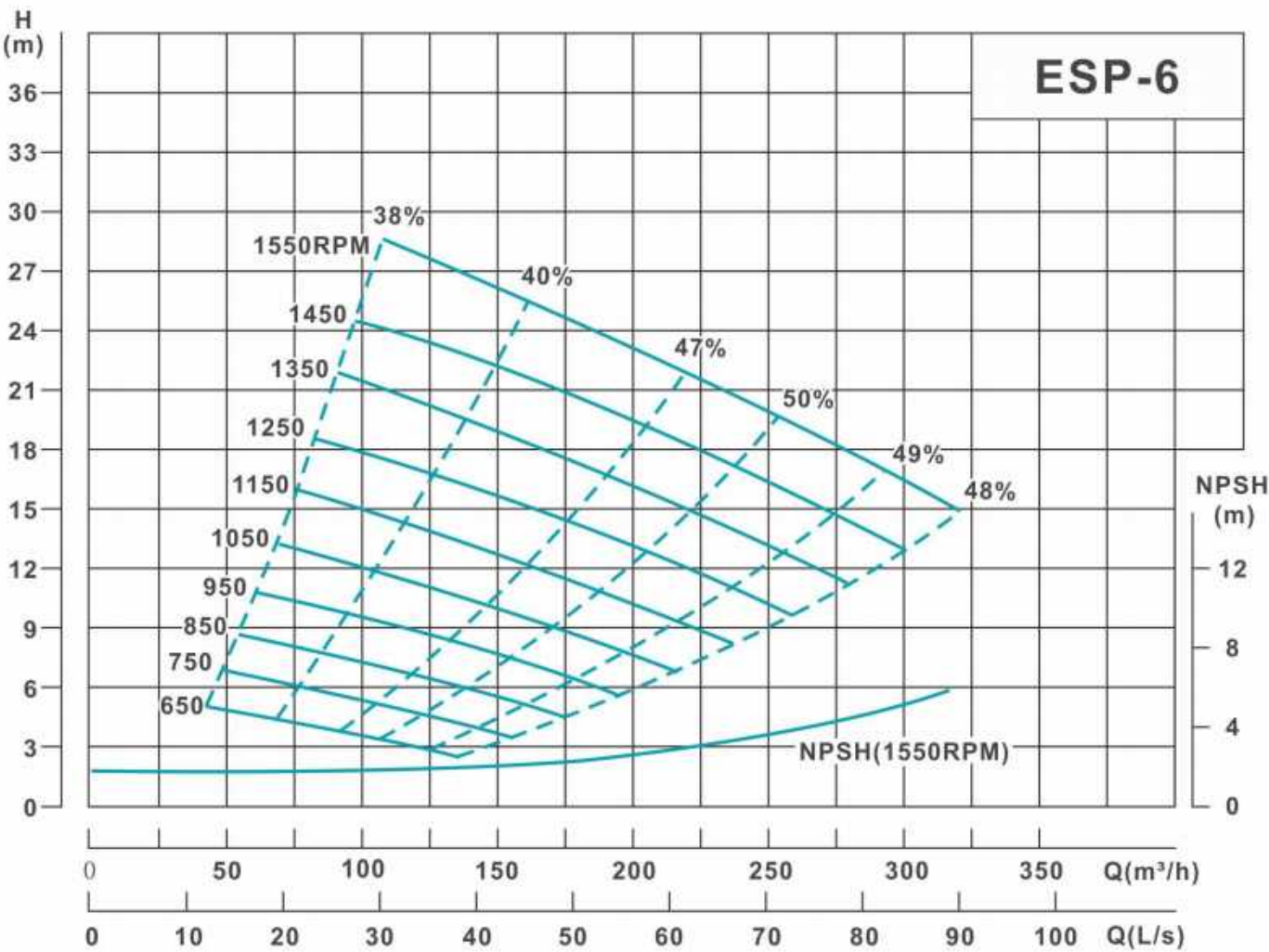
Performance Table

Model	Speed RPM	Flow		Head m	Power		Inlet/Outlet mm	Passage size mm	Max suction m
		m³/h	L/s		kW	HP			
ESP-4	650	40	11.1	3	1.5	2	100(4')	76	1.5
	750*	45	12.5	4	1.5	2			2.4
	850	53	14.7	5	2.2	3			4.9
	950*	60	16.7	6	3	4			5.8
	1050	65	18.1	7.5	5.5	7.5			6.7
	1150	72	20	9	5.5	7.5			7.3
	1250	80	22.2	10.5	7.5	10			7.6
	1350	85	23.6	12.5	11	15			7.6
	1450*	100	27.8	13.5	11	15			7.6
	1550	110	30.6	15.5	15	20			7.6
	1650	115	31.9	18	18.5	25			7.6
	1750	120	33.3	20	22	30			7.6
	1850	130	36.1	22.5	30	40			7.6
	1950	135	37.5	25	30	40			7.6

Operating Range

Model	Speed RPM	Q (m³/h)	20	32	48	64	80	96	112	128	144	160
ESP-4	650	H (m)	3.8	3.3	2.6	-	-	-	-	-	-	-
	750*		-	4.5	3.7	3.0	-	-	-	-	-	-
	850		-	6.0	5.3	4.5	3.5	-	-	-	-	-
	950*		-	7.5	6.5	5.7	5.0	-	-	-	-	-
	1050		-	9.7	8.7	7.8	6.8	5.9	-	-	-	-
	1150		-	11.9	10.8	9.9	8.8	7.6	-	-	-	-
	1250		-	14.2	13.2	12.0	10.8	9.5	8.4	-	-	-
	1350		-	16.7	15.7	14.3	13.1	11.8	10.5	-	-	-
	1450*		-	-	18.0	16.5	15.5	14.0	12.5	11.5	-	-
	1550		-	-	20.9	19.8	18.3	16.9	15.4	13.8	12.6	-
	1650		-	-	24.3	22.9	21.1	19.8	18.1	16.3	15.0	-
	1750		-	-	27.6	26.2	24.4	22.9	21.3	19.3	17.5	16.2
	1850		-	-	31.0	29.8	27.7	26.1	24.4	22.5	20.5	18.7
	1950		-	-	34.5	33.4	31.5	29.4	27.7	25.7	23.5	21.7

Performance Curve



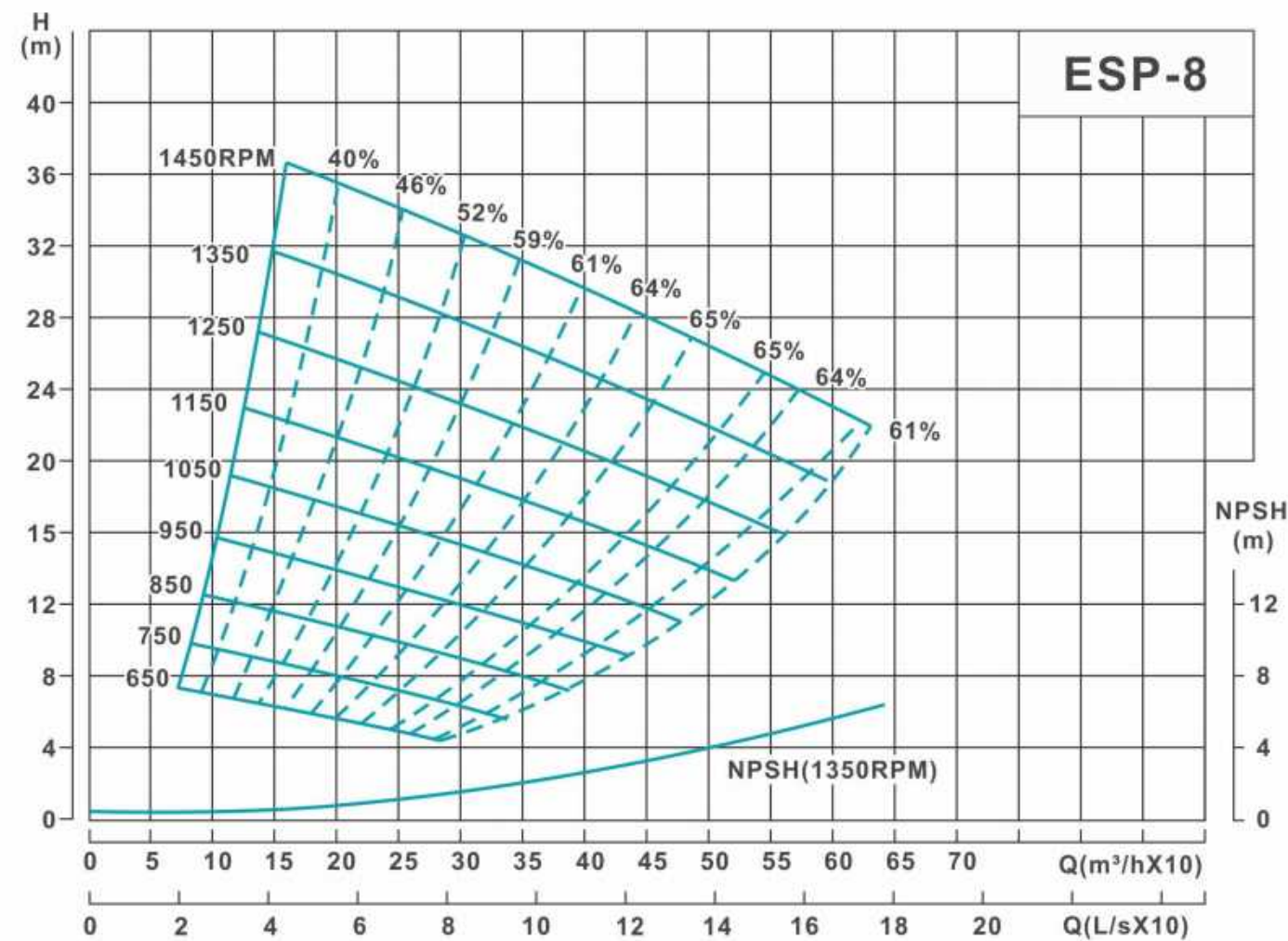
Performance Table

Model	Speed RPM	Flow		Head	Power		Inlet/Outlet	Passage size	Max suction
		m³/h	L/s	m	kW	HP	mm	mm	m
ESP-6	650	100	27.8	3.5	3	4	150(6")	76	2.4
	750*	125	34.7	4.5	4	5.5			2.7
	850	150	41.7	5.5	7.5	10			3.6
	950*	160	44.4	7.5	7.5	10			4.2
	1050	180	50.0	9.0	11	15			5.5
	1150	200	55.6	10	15	20			6.4
	1250	220	61.1	12.5	22	30			6.4
	1350	230	63.9	15	30	40			6.7
	1450*	250	69.4	17	30	40			7.0
	1550	280	77.8	18	37	50			7.6

Operating Range

Model	Speed RPM	Q (m³/h)	50	80	120	150	180	210	240	270	300
ESP-6	650	H (m)	5.0	4.2	3.1	-	-	-	-	-	-
	750*		-	6.0	4.7	3.6	-	-	-	-	-
	850		-	8.0	7.0	5.5	-	-	-	-	-
	950*		-	11.0	9.5	7.5	6.8	-	-	-	-
	1050		-	13.0	11.0	10.0	9.0	7.5	-	-	-
	1150		-	16.0	14.0	12.8	11.2	10.0	8.0	-	-
	1250		-	-	17.0	15.5	14.0	12.7	10.5	-	-
	1350		-	-	20.5	19.0	17.5	15.5	14.0	12.0	-
	1450*		-	-	24.0	22.0	21.0	19.0	17.0	15.0	13.0
	1550		-	-	28.0	26.0	24.5	22.7	20.5	18.5	16.5

Performance Curve



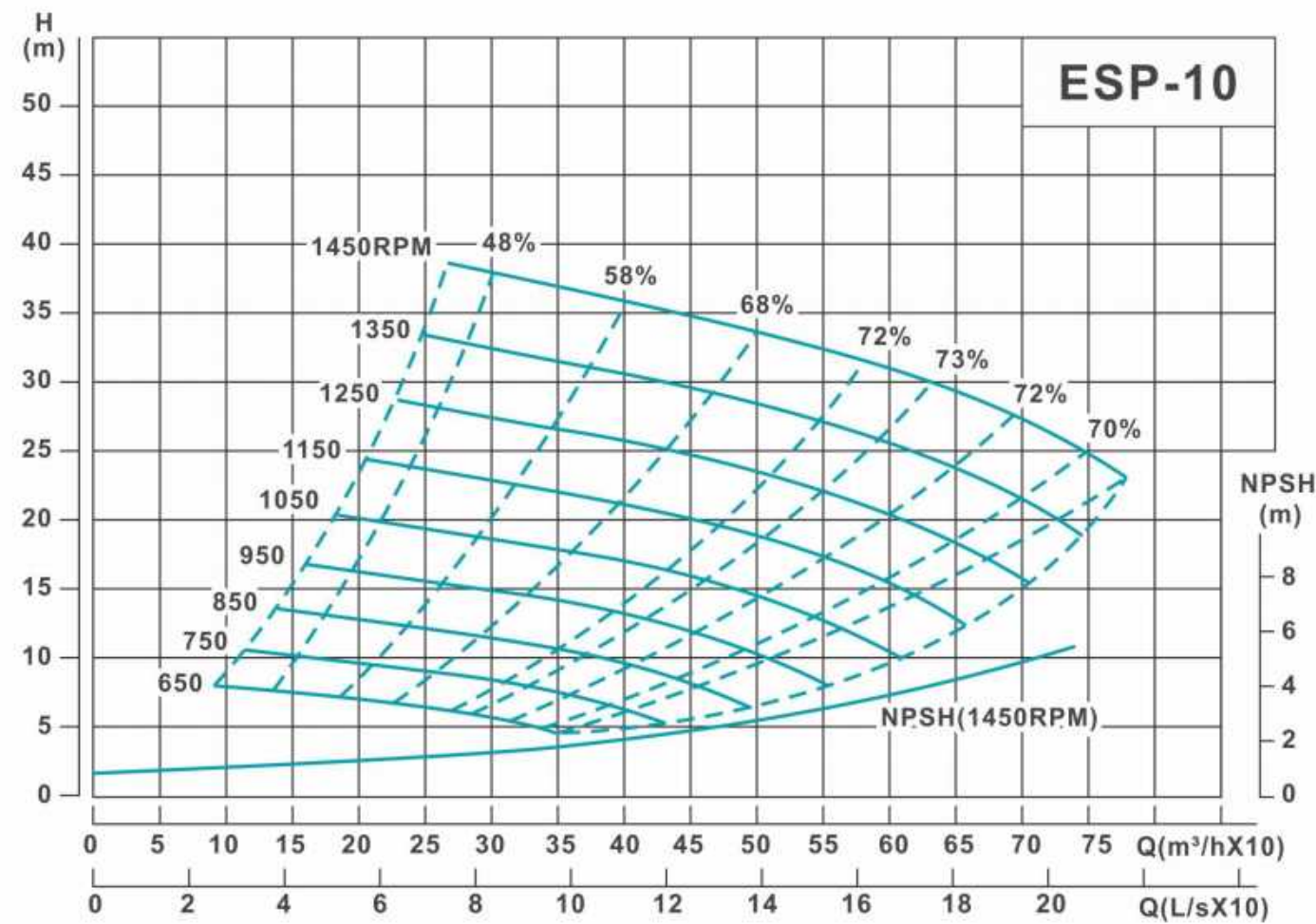
Performance Table

Model	Speed RPM	Flow		Head m	Power		Inlet/Outlet mm	Passage size mm	Max suction m
		m³/h	L/s		kW	HP			
ESP-8	650	200	55.6	6	7.5	10	200(8")	76	2.7
	750*	230	63.9	8	11	15			3.7
	850	260	72.2	10	15	20			4.6
	950*	300	83.3	12	22	30			5.2
	1050	320	88.9	15	30	41			6.1
	1150	350	97.2	18	37	50			6.4
	1250	400	111.1	20	55	75			6.7
	1350	450	125.0	23	75	102			7
	1450*	500	138.9	26	75	102			7

Operating Range

Model	Speed RPM	Q (m³/h)	100	150	200	250	300	350	400	450	500	580
ESP-8	650	H (m)	7.0	6.5	6.0	5.0	-	-	-	-	-	-
	750*		-	8.8	8.5	7.5	6.5	-	-	-	-	-
	850		-	11.5	11.0	10.0	9.0	8.0	-	-	-	-
	950*		-	15.0	14.0	13	12.0	11.0	-	-	-	-
	1050		-	18.5	17.5	16.5	15.5	14.0	13.0	-	-	-
	1150		-	-	21.5	20.3	19.0	18.0	16.5	15.5	-	-
	1250		-	-	25.5	24.5	23.0	22.0	20.0	19.0	18.0	-
	1350		-	-	30.5	29.0	27.8	26.0	25.0	23.0	22.0	-
	1450*		-	-	35.5	34.0	32.0	31.0	30.0	28.0	26.0	23.0

Performance Curve



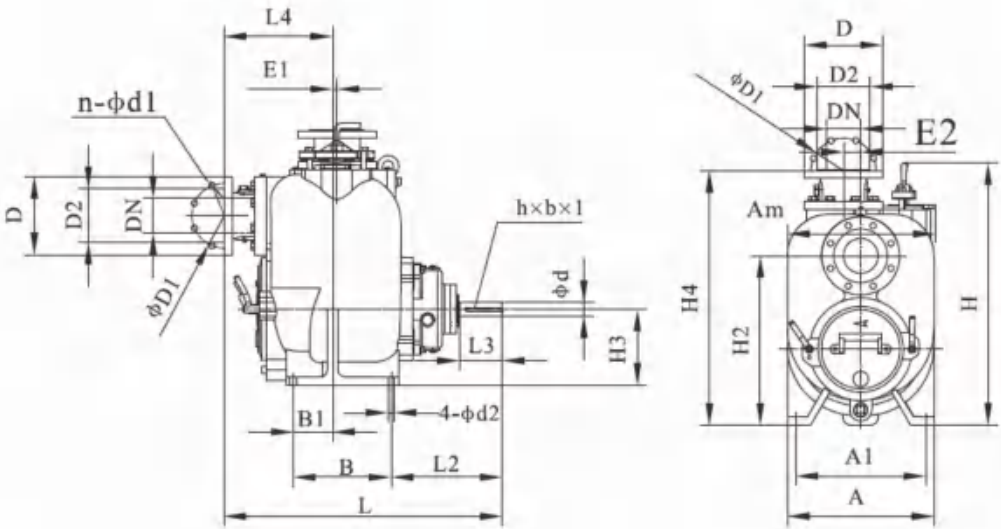
Performance Table

Model	Speed RPM	Flow		Head	Power		Inlet/Outlet	Passage size	Max suction
		m³/h	L/s	m	kW	HP	mm	mm	m
ESP-10	650	250	69	6.5	11	15	250(10')	76	2.1
	750*	300	83	8.5	15	20			3.4
	850	350	97	11	22	30			4.3
	950*	400	111	13	30	41			5.2
	1050	450	125	16	45	61			5.5
	1150	500	139	19	55	75			5.5
	1250	525	146	23	75	102			5.8
	1350	550	153	27	90	122			6.7
	1450*	600	167	31	90	122			6.7

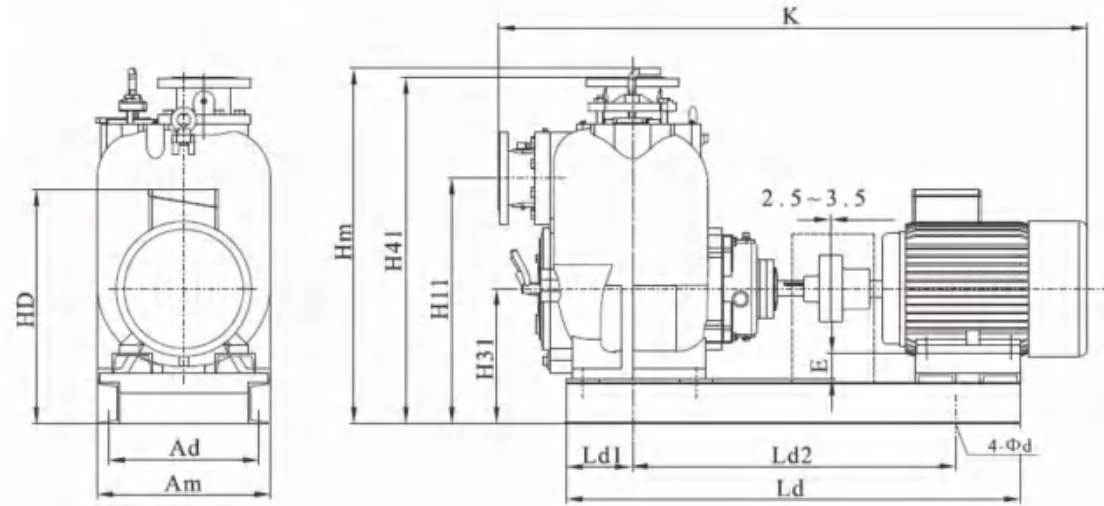
Operating Range

Model	Speed RPM	Q (m³/h)	200	300	400	450	500	550	600	650	700	750
ESP-10	650	H (m)	7.0	6.5	-	-	-	-	-	-	-	-
	750*		10.0	8.5	6.0	-	-	-	-	-	-	-
	850		13.0	11.5	10.0	8.0	-	-	-	-	-	-
	950*		16.0	15.0	13.0	12.0	10.0	-	-	-	-	-
	1050		20.0	19.0	17.0	16.0	14.5	12.5	-	-	-	-
	1150		-	23.0	21.0	20.0	19.0	17.5	15.0	-	-	-
	1250		-	27.5	25.5	24.5	23.5	22.0	20.5	18.0	-	-
	1350		-	32.5	30.5	29.5	28.0	27.0	25.5	23.5	21.5	-
	1450*		-	38.0	36.0	35.0	33.5	32.0	31.0	29.5	27.5	24.5

Pump Appearance And Installation Dimension



Appearance And Installation Dimensions Of Direct Drive Pump Unit



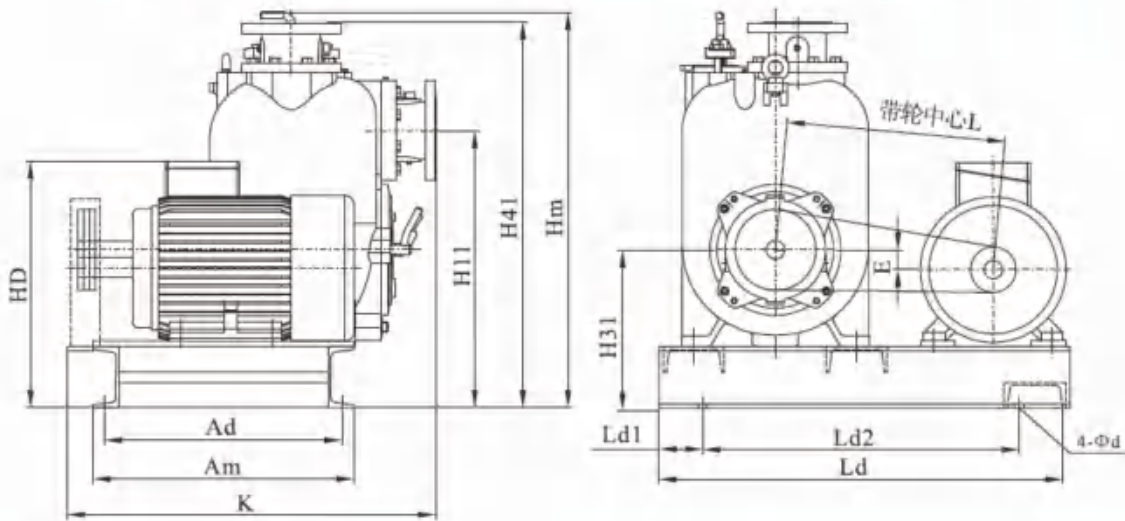
Item		ESP-2	ESP-3	ESP-4	ESP-6	ESP-8	ESP-10
Flange Size (mm)	PN	PN0.6MPa		PN1.0MPa		PN1.6MPa	
	DN	50	80	100	150	200	250
	D	140	190	220	285	340	405
	D1	110	150	180	240	295	355
	D2	90	128	158	214	266	320
Installation Dimensions (mm)	n-d1	4- $\phi 14$	4- $\phi 19$	8- $\phi 19$	8- $\phi 23$	8- $\phi 23$	12- $\phi 26$
	H2	318	431.8	495.3	574.3	723.8	639.8
	A	308	377	428	580.0	716.0	705.0
	A1	281	328	373	527.0	635.0	635.0
	B	163.2	228.6	279.4	279.4	304.8	304.80
	B1	54	76.2	110	77.8	101.6	101.6
	L2	274.8	285	326	294.0	407.1	320.6
	d2	$\phi 14$	$\phi 18$	$\phi 18$	$\phi 18$	$\phi 24$	$\phi 24$
	H3	151.5	190.5	222.2	257.2	330.2	355.6
	L3	104	102	127	127.0	170.0	123
	d	$\phi 38$	$\phi 38$	$\phi 38$	$\phi 38$	$\phi 48$	$\phi 48$
	h×b×l	10×5×95	10×5×80	10×5×90	10×5×90	14×5.5×127	14×5.5×120
Dimension (mm)	H	552	697.5	760	875	989.0	1017
	Am	321	389	429	580.0	716.0	786.0
	H4	502	652	735	887.7	1069.3	1047.8
	L	615	712.2	813.5	906.6	1023.0	1244.7
	L4	233	277	318	411	412.8	720.9
	E1	27.5	15	13	0	0	0
	E2	70	50	50	50	0	0
Wt.(kg)		99	190	275	438	655	705

Model	Speed	Electromotor		Installation Dimension							External Dimension					
	RPM	kW	Model	Ad	Ld1	Ld2	d	H11	H31	H41	K	Am	Hm	HD	E	Ld
ESP-2	1450	1.5	YE2-90L-4	300	77.5	617	20	428	261.5	612	986	341	662	416.5	61.5	772
	2900	9.2	YE2-132S-2	300	77.5	695	20	428	261.5	612	1110	341	662	471.5	19.5	850
ESP-3	750	1.5	YE2-112M-8	330	120	621	20	541.8	300.5	762.2	1134	370	800	490.5	78.5	861
	950	1.5	YE2-100L-6	330	120	614	20	541.8	300.5	762.2	1119	370	800	480.5	90.5	854
ESP-4	1450	5.5	YE2-132S1-4	330	120	660	20	541.8	300.5	762.2	1204	370	800	510.5	58.5	900
	750	1.5	YE2-112M-8	370	150	663	20	605.3	332.2	843.6	1236	430	887.3	522.2	110.2	963
	950	3	YE2-132S-6	370	150	702	20	605.3	332.2	843.6	1306	430	887.3	542.2	90.2	1002
ESP-6	1450	11	YE2-160M-4	370	150	821	20	605.3	332.2	843.6	1451	430	887.3	587.2	62.2	1121
	750	4	YE2-160M1-8	510	150	784	20	710.3	393.2	1023.7	1544	590	1024	648.2	97.2	1084
	950	7.5	YE2-160M-6	510	150	784	20	710.3	393.2	1023.7	1544	590	1024	648.2	97.2	1084
ESP-8	1450	30	YE2-200L-4	510	150	905	20	710.3	393.2	1023.7	1705	590	1024	698.2	57.2	1205
	750	11	YE2-180L-8	640	150	1050	24	904	510.2	1250	1767	716	1250	790	150.2	1350
	950	22	YE2-200L2-6	640	150	1085	24	904	510.2	1250	1769	716	1250	815	130.2	1385
ESP-10	1450	75	YE2-280S-4	640	150	1264	24	904	510.2	1250	2012	716	1250	1020	50.2	1564
	750	15	YE2-200L-8	640	150	1050	24	820	535.6	1227.8	2020	786	1228	880.6	155.6	1350
	950	30	YE2-225M-6	640	150	1050	24	820	535.6	1227.8	2095	786	1228	865.6	130.6	1350
	1450	90	YE2-280M-4	640	150	1240	24	820	535.6	1227.8	2285	786	1228	935.6	75.6	1540

Triangle Belt Variable Speed Transmission Parameters

Model	Electromotor		Pulley(Motor)		Pulley(Pump)		Triangular belt		
	Power (kW)	Model	Model	Diameter of pulley (mm)	Model	Diameter of pulley (mm)	Model	Reference band length	Quantity
ESP-2(1150)	1.1	YE2-90S-4	VA2-85	90.5	VA2-100	105.5	A	990	2
ESP-2(1750)	3	YE2-100L-2	VA3-85	90.5	VA3-132	137.5	A	990	3
ESP-2(2050)	4	YE2-112M-2	VA3-100	105.5	VA3-132	137.5	A	1100	3
ESP-2(2350)	7.5	YE2-132S2-2	VA4-100	105.5	VA4-120	125.5	A	1250	4
ESP-2(2650)	7.5	YE2-132S2-2	VA3-118	123.5	VA3-125	130.5	A	1250	3
ESP-3(650)	0.75	YE2-80M2-4	VA2-80	85.5	VA2-160	165.5	A	1250	2
ESP-3(850)	1.5	YE2-90L-4	VA2-80	85.5	VA2-125	130.5	A	1250	2
ESP-3(1050)	3	YE2-100L-6	VA3-90	95.5	VA3-120	125.5	A	1250	3
ESP-3(1150)	4	YE2-112M-4	VA3-100	105.5	VA3-120	125.5	A	1430	3
ESP-3(1250)	4	YE2-112M-4	VA3-100	105.5	VA3-112	117.5	A	1430	3
ESP-3(1350)	5.5	YE2-132S1-4	VA4-125	130.5	VA4-130	135.5	A	1430	4
ESP-3(1550)	7.5	YE2-132S2-2	VA3-125	130.5	VA3-224	229.5	A	1430	3
ESP-3(1650)	11	YE2-160M1-2	VA4-125	130.5	VA4-212	217.5	A	1560	4
ESP-3(1750)	11	YE2-160M1-2	VA4-125	130.5	VA4-200	205.5	A	1560	4
ESP-3(1850)	15	YE2-160M2-2	VB4-132	139	VB4-200	207	B	1560	4
ESP-3(1950)	15	YE2-160M2-2	VB4-125	132	VB4-180	187	B	1560	4
ESP-3(2050)	18.5	YE2-160L-2	VB4-160	167	VB4-224	231	B	1560	4
ESP-3(2150)	18.5	YE2-160L-2	VB4-160	167	VB4-212	219	B	1560	4
ESP-4(650)	1.5	YE2-90L-4	VA2-85	90.5	VA2-180	185.5	A	1430	2
ESP-4(850)	2.2	YE2-100L1-4	VA3-90	95.5	VA2-150	155.5	A	1430	2
ESP-4(1050)	5.5	YE2-132S-4	VA3-125	130.5	VA3-160	165.5	A	1550	3
ESP-4(1150)	5.5	YE2-132S-4	VA3-125	130.5	VA3-150	155.5	A	1550	3
ESP-4(1250)	7.5	YE2-132M-4	VA4-125	130.5	VA4-140	145.5	A	1550	4
ESP-4(1350)	11	YE2-160M-4	VB4-160	167	VB4-170	177	B	1560	4
ESP-4(1550)	15	YE2-160M2-2	VB3-180	187	VB3-315	322	B	1950	3
ESP-4(1650)	18.5	YE2-160L-2	VB4-150	157	VB4-250	257	B	1950	4
ESP-4(1750)	22	YE2-180M-2	VB4-180	187	VB4-280	287	B	1950	4
ESP-4(1850)	30	YE2-200L1-2	VC4-212	209.6	VC4-315	324.6	C	1950	4
ESP-4(1950)	30	YE2-200L1-2	VC4-230	239.6	VC4-355	364.6	C	1950	4
ESP-6(650)	3	YE2-100L2-4	VA2-85	91	VA2-180	186	A	1550	2
ESP-6(850)	7.5	YE2-132M-4	VB4-125	132	VB4-200	207	B	1760	4
ESP-6(1050)	11	YE2-160M-4	VB3-170	177	VB3-224	231	B	1950	3
ESP-6(1150)	15	YE2-160L-4	VB4-170	177	VB4-200	207	B	1950	4
ESP-6(1250)	22	YE2-180L-4	VC4-224	234	VC4-250	260	C	1950	4
ESP-6(1350)	30	YE2-200L-4	VC4-250	260	VC4-265	275	C	2195	4
ESP-6(1550)	37	YE2-225S-4	VC4-300	310	VC4-280	290	C	2195	4
ESP-8(650)	7.5	YE2-160M-6	VB3-125	132	VB3-180	187	B	1950	3
ESP-8(850)	15	YE2-180L-6	VB4-200	207	VB4-224	231	B	1950	4
ESP-8(1050)	30	YE2-200L-4	VC4-224	233.6	VC4-315	324.6	C	2420	4
ESP-8(1150)	37	YE2-225S-4	VC4-280	289.6	VC4-355	364.6	C	2420	4
ESP-8(1250)	55	YE2-250M-4	VC4-280	289.6	VC4-315	324.6	C	2420	4
ESP-8(1350)	75	YE2-280S-4	VD4-355	371.2	VD4-375	391.2	D	2740	4
ESP-10(650)	11	YE2-160L-6	VB4-140	147	VB4-200	207	B	1950	4
ESP-10(850)	22	YE2-200L2-6	VC4-224	233.6	VC4-250	259.6	C	2195	4
ESP-10(1050)	45	YE2-225M-4	VC4-250	259.6	VC4-355	364.6	C	2420	4
ESP-10(1150)	55	YE2-250M-4	VC4-315	324.6	VC4-400	409.6	C	2715	4
ESP-10(1250)	75	YE2-280S-4	VD4-355	371.2	VD4-425	441.2	D	2740	4
ESP-10(1350)	90	YE2-280M-4	VD4-355	371.2	VC4-375	391.2	D	2740	4

Outline And Installation Dimension Of V-belt Wheel Drive Pump Set



Model	Electromotor		Installation Dimension								External Dimension					
	kW	Model	Ad	Ld1	Ld2	d	H11	H31	H41	L	Ld	K	Hm	Am	HD	E
ESP-2(1150)	1.1	YE2-90S-4	375	100	515	20	438	271.5	622	350	715	655	672	423	375	72
ESP-2(1750)	3	YE2-100L-2	359	100	550	20	438	271.5	622	375	750	655	672	407	410	62
ESP-2(2050)	4	YE2-112M-2	352	100	560	20	438	271.5	622	363	760	655	672	400	432	50
ESP-2(2350)	7.5	YE2-132S2-2	313	100	670	20	438	271.5	622	451	870	655	672	361	472	30
ESP-2(2650)	7.5	YE2-132S2-2	313	100	650	20	438	271.5	622	433	850	655	672	361	472	30
ESP-3(650)	0.75	YE2-80M2-4	467	100	609	20	552	310.5	772	428	808	752	818	514	355	121
ESP-3(850)	1.5	YE2-90L-4	451	100	651	20	552	310.5	772	460	854	752	818	498	375	111
ESP-3(1050)	3	YE2-100L2-4	435	100	662	20	552	310.5	772	459	866	752	818	482	410	101
ESP-3(1150)	4	YE2-112M-4	428	100	767	20	552	310.5	772	540	967	752	818	475	432	89
ESP-3(1250)	4	YE2-112M-4	428	100	774	20	552	310.5	772	548	974	752	818	475	432	89
ESP-3(1350)	5.5	YE2-132S1-4	389	100	756	20	552	310.5	772	514	956	752	818	436	472	69
ESP-3(1550)	7.5	YE2-132S2-2	389	100	675	20	552	310.5	772	434	875	752	818	436	472	69
ESP-3(1650)	11	YE2-160M1-2	341	100	776	20	552	310.5	772	509	975	752	818	389	545	41
ESP-3(1750)	11	YE2-160M1-2	341	100	786	20	552	310.5	772	519	986	752	818	389	545	41
ESP-3(1850)	15	YE2-160M2-2	341	100	781	20	552	310.5	772	514	981	752	818	389	545	41
ESP-3(1950)	15	YE2-160M2-2	341	100	803	20	552	310.5	772	536	1003	752	818	389	545	41
ESP-3(2050)	18.5	YE2-160L-2	341	100	744	20	552	310.5	772	477	944	752	818	389	545	41
ESP-3(2150)	18.5	YE2-160L-2	341	100	753	20	552	310.5	772	486	953	752	818	389	545	41

Model	Electromotor		Installation Dimension								External Dimension					
	kW	Model	Ad	Ld1	Ld2	d	H11	H31	H41	L	Ld	K	Hm	Am	HD	E
ESP-4(650)	1.5	YE2-90L-4	545	100	722	20	635.3	362.2	875	499	922	855	900	600	395	142.2
ESP-4(850)	2.2	YE2-100L1-4	529	100	761	20	635.3	362.2	875	525	961	855	900	584	430	132.2
ESP-4(1050)	5.5	YE2-132S-4	483	100	818	20	635.3	362.2	875	543	1018	855	900	538	492	100.2
ESP-4(1150)	5.5	YE2-132S-4	483	100	830	20	635.3	362.2	875	555	1030	855	900	538	492	100.2
ESP-4(1250)	7.5	YE2-132M-4	483	100	840	20	635.3	362.2	875	565	1040	855	900	538	492	100.2
ESP-4(1350)	11	YE2-160M-4	436	100	818	20	635.3	362.2	875	521	1018	855	900	491	565	72.2
ESP-4(1550)	15	YE2-160M2-2	436	100	876	20	635.3	362.2	875	567	1076	855	900	491	565	72.2
ESP-4(1650)	18.5	YE2-160L-2	436	100	959	20	635.3	362.2	875	649	1159	855	900	491	565	72.2
ESP-4(1750)	22	YE2-180M-2	423	100	922	20	635.3	362.2	875	599	1122	855	900	478	610	52.2
ESP-4(1850)	30	YE2-200L1-2	413	100	900	20	635.3	362.2	875	547	1100	855	900	468	655	32.2
ESP-4(1950)	30	YE2-200L1-2	413	100	870	20	635.3	362.2	875	526	1070	855	900	468	655	32.2
ESP-6(650)	3	YE2-100L2-4	497	100	886	20	714.3	397.2	1027.7	562	1096	947	1030	552	462	135.2
ESP-6(850)	7.5	YE2-132M-4	451	100	970	20	714.3	397.2	1027.7	618	1180	947	1030	506	492	135.2
ESP-6(1050)	11	YE2-160M-4	404	100	1045	20	714.3	397.2	1027.7	659	1255	947	1030	459	565	107.2
ESP-6(1150)	15	YE2-160L-4	404	100	1061	20	714.3	397.2	1027.7	675	1271	947	1030	459	565	107.2
ESP-6(1250)	22	YE2-180L-4	391	100	1013	20	714.3	397.2	1027.7	596	1223	947	1030	446	610	87.2
ESP-6(1350)	30	YE2-200L-4	381	100	1130	20	714.3	397.2	1027.7	692	1340	947	1030	436	655	67.2
ESP-6(1550)	37	YE2-225S-4	335	100	1127	20	714.3	397.2	1027.7	662	1337	947	1030	390	710	42.2
ESP-8(650)	7.5	YE2-160M-6	614	150	1060	24	924	530.2	1269.3	733	1375	1043	1270	675	615	170.2
ESP-8(850)	15	YE2-180L-6	599	150	1000	24	924	530.2	1269.3	642	1315	1043	1270	660	660	150.2
ESP-8(1050)	30	YE2-200L-4	599	150	1200	24	924	530.2	1269.3	792	1515	1054	1270	660	705	130.2
ESP-8(1150)	37	YE2-225S-4	549	150	1130	24	924	530.2	1269.3	712	1445	1054	1270	610	760	105.2
ESP-8(1250)	55	YE2-250M-4	549	150	1150	24	924	530.2	1269.3	735	1465	1054	1270	610	820	80.2
ESP-8(1350)	75	YE2-280S-4	514	150	1260	24	924	530.2	1269.3	792	1575	1095	1270	575	890	50.2
ESP-10(650)	11	YE2-160L-6	529	150	1040	24	839.8	555.6	1247.8	704	1375	1270	1248	590	615	195.6
ESP-10(850)	22	YE2-200L2-6	509	150	1100	24	839.8	555.6	1247.8	725	1435	1280	1248	570	705	155.6
ESP-10(1050)	45	YE2-225M-4	459	150	1180	24	839.8	555.6	1247.8	743	1515	1280	1248	520	760	130.6
ESP-10(1150)	55	YE2-250M-4	489	150	1280	24	839.8	555.6	1247.8	798	1615	1280	1248	550	820	105.6
ESP-10(1250)	75	YE2-280S-4	539	150	1280	24	839.8	555.6	1247.8	738	1615	1320	1248	600	890	75.6
ESP-10(1350)	90	YE2-280M-4	554	150	1280	24	839.8	555.6	1247.8	792	1615	1320	1248	615	890	75.6