

# ECH

## Stainless Steel Horizontal Multistage Pump



### Application

- It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner system, etc.

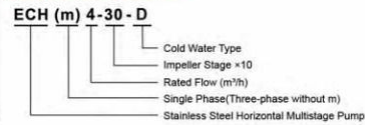
### Pump

- AISI 304 shaft
- Max. liquid temperature: +40°C
- Altitude: up to 1000 m
- Max. suction: 8 m
- Max. inlet pressure: limited by max. operating pressure
- Max. operation pressure: 8 bar
- Liquid PH value: 6.5 - 8.5

### Motor

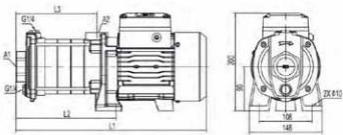
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP55
- Max. ambient temperature: +40°C

### Identification Codes



### Technical Data

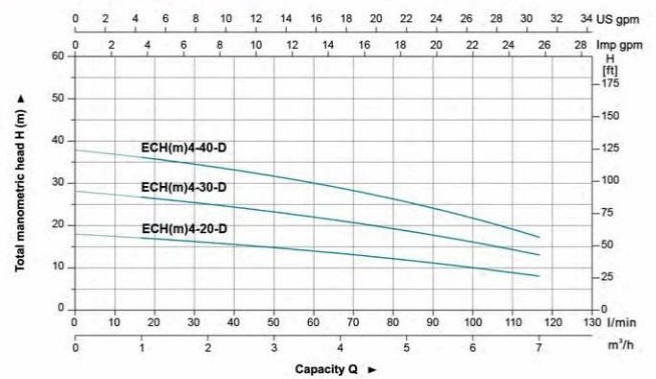
Model	Power		D (m <sup>3</sup> /h) Q (l/min)	H (m)						
	kW	HP		1	2	3	4	5	6	7
ECH(m)4-20-D	0.55	0.75	17	17	16	15	13	12	10	8
ECH(m)4-30-D	0.55	0.75	27	27	25	23	21	19	16	13
ECH(m)4-40-D	0.75	1.0	36	36	34	32	28	26	22	17



### Dimension

Model	L1	L2	L3	A1	A2
ECH(m)4-20-D	334	150	111	G1 <sub>1/2</sub>	G1
ECH(m)4-30-D	361	177	138	G1 <sub>1/2</sub>	G1
ECH(m)4-40-D	388	204	165	G1 <sub>1/2</sub>	G1

### Hydraulic Performance Curves



### Materials Table

No.	Part	Material
1	Pump body	Cast iron
2	Shell end sleeve	AISI304
3	Snap ring	PTFE
4	Diffuser	AISI304
5	Impeller	AISI304
6	Sleeve	AISI304
7	Mechanical seal	SiC/Carbon
8	Fan cover	GSF
9	Fan	PP
10	Rear cover	ZL102
11	Bearing	
12	Stator	
13	Rotor	
14	Outlet body	Cast iron
15	Collar	PTFE
16	Support	PTFE



### Package Information

Model	NW (kg)		GW (kg)		L (mm)	W (mm)	H (mm)	Quantity (pcs/carton)
	Three phase	Single phase	Three phase	Single phase				
ECH(m)4-20-D	11	11.3	11.7	12	375	185	237	1583
ECH(m)4-30-D	11.6	11.8	12.4	12.6	420	185	237	1508
ECH(m)4-40-D	12.8	13	13.8	14	420	185	237	1357

