

# 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.

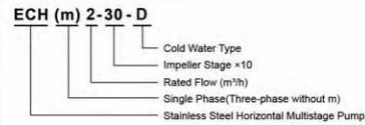
### Pump

- 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

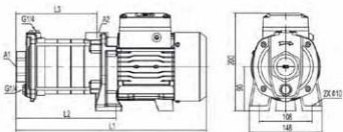
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP55
- Max. ambient temperature: +40°C

### Identification Codes



### Technical Data

Model	Power		Q (m <sup>3</sup> /h)		0.6		1.2		1.8		2.4		3.0		3.6	
	kW	HP	Q (l/min)	H (m)	10	20	30	40	50	60	10	20	30	40	50	60
ECH(m)2-20-D	0.37	0.5			16	15	13	12	10	8						
ECH(m)2-30-D	0.37	0.5			24	22	20	18	16	12						
ECH(m)2-40-D	0.55	0.75			33	30	26	24	21	16						

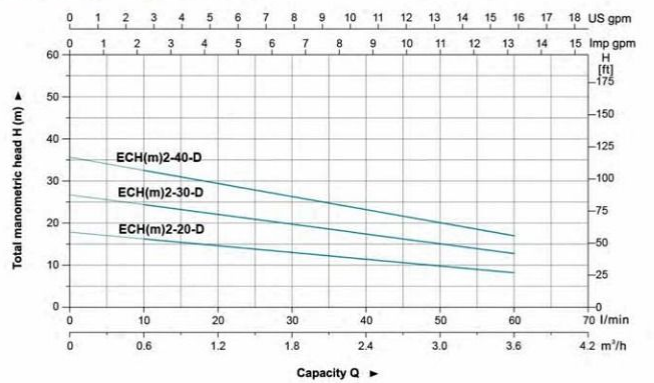


### Dimension

Model	L1	L2	L3	A1	A2
ECH(m)2-20-D	324	140	101	G1	G1
ECH(m)2-30-D	342	158	119	G1	G1
ECH(m)2-40-D	360	176	137	G1	G1



### Hydraulic Performance Curves



### Materials Table

No.	Part	Material
1	Pump body	Cast iron
2	Shell end sleeve	AlSi304
3	Snap ring	PTFE
4	Diffuser	AlSi304
5	Impeller	AlSi304
6	Sleeve	AlSi304
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 per carton
	Three phase	Single phase	Three phase	Single phase				
ECH(m)2-20-D	9.6	10	10.3	10.7	375	185	237	1674
ECH(m)2-30-D	10	10.3	10.7	11	375	185	237	1674
ECH(m)2-40-D	11.6	11.8	12.4	12.6	420	185	237	1508

