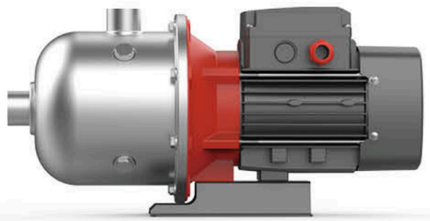
EDH

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 and centralized heating circulation system, etc

Pump

- AISI 304 shaft
- Max. liquid temperature: +85℃
- Altitude: up to 1000 m
- Max. suction: 8 m
- Max. inlet pressure: limited by max. operating pressure
- Max. operating pressure: 10 bar
- Liquid PH Value: 4-10

Motor

- IE2 motor (IE3 motor available on request)
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP55
- Max. ambient temperature: +40℃

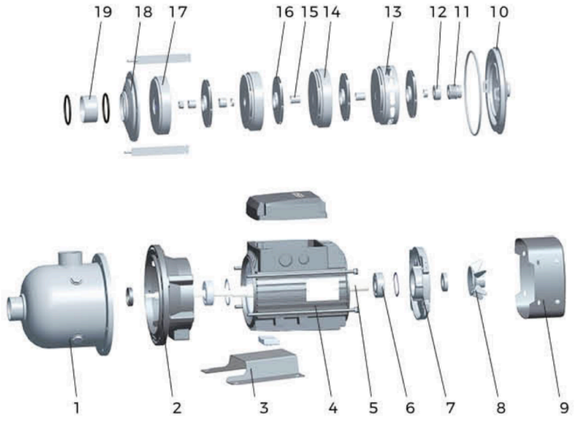
Identification Codes

EDH (m) 2 - 30

- Impeller Stage x10
- Rated Flow (m³/h)
- Single Phase (Three-phase model without m)
- Stainless Steel Horizontal Multistage Pump

Materials Table

No.	Part	Material
1	Pump body	AISI 304
2	Support	ZL 102
3	Bottom plate	Q235
4	Stator	
5	Rotor	
6	Bearing	
7	Rear cover	ZL 102
8	Fan	PP
9	Fan cover	08F
10	Bracket cover	AISI 304
11	Mechanical seal	Sic/Carbon
12	Positioning sleeve	AISI 304
13	Diffuser 3	AISI 304
14	Diffuser 2	AISI 304
15	Sleeve	AISI 304
16	Impeller	AISI 304
17	Diffuser 1	AISI 304
18	Pressure plate	AISI 304
19	Spacer bush	AISI 304



Application

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

Pump

- AISI304 shaft
- Max. liquid temperature: +60℃
- Altitude: up to 1000 m
- Max. suction: 8 m
- Max. inlet pressure: limited by max. operating pressure
- Max. operating pressure: 10 bar
- Liquid PH value: 6.5 - 8.5

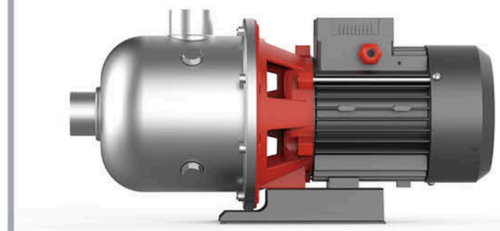
Motor

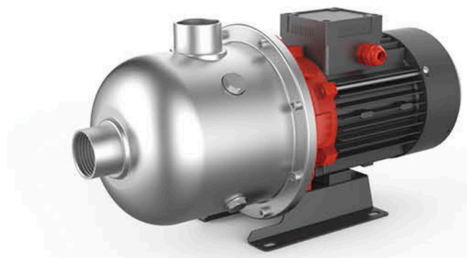
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40℃

Identification Codes

EDH (m) 2 - 20 - F

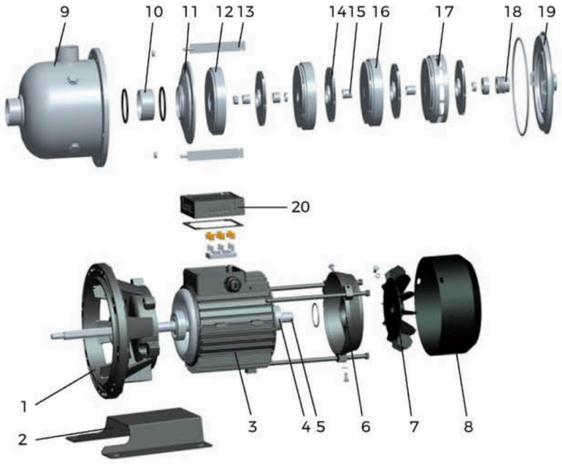
- Feature
- Impeller Stage x10
- Rated Flow (m³/h)
- Single Phase (Three-phase without m)
- Stainless Steel Horizontal Multistage Pump



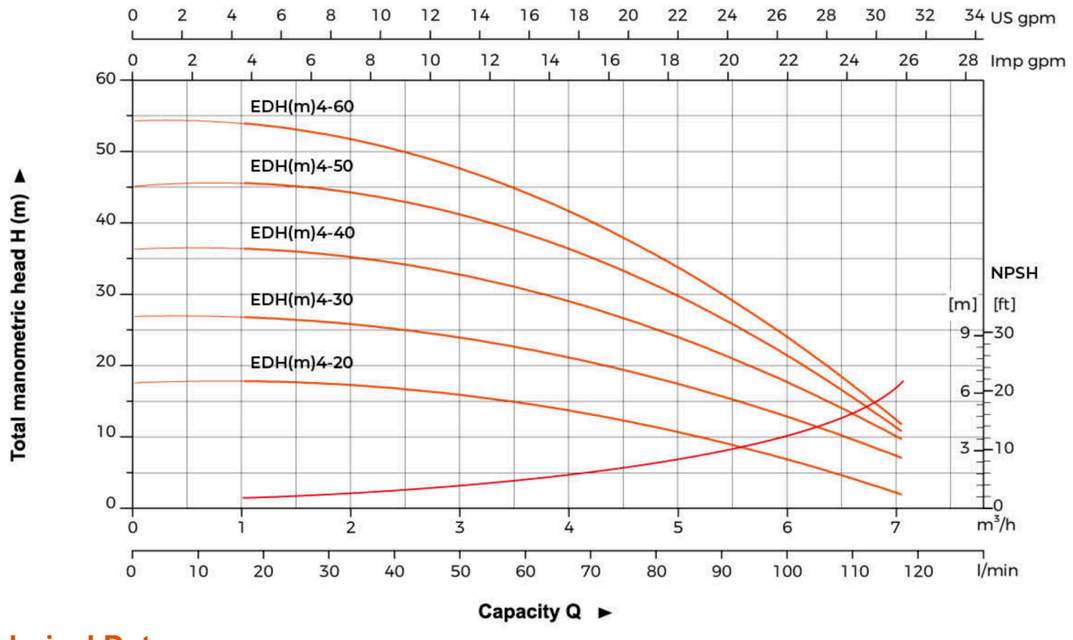


Materials Table

No.	Part	Material
1	Support	ZL 102
2	Base	Q235
3	Stator	
4	Bearing	
5	Rotor	
6	Rear	ZL 102
7	Fan	PP
8	Fan cover	08F
9	Pump body	AISI 304
10	Spacer bush	AISI 304
11	Pressure plate	AISI 304
12	Diffuser1	AISI 304
13	Tension plate	AISI 304
14	Impeller	AISI 304
15	Sleeve	AISI 304
16	Diffuser2	AISI 304
17	Diffuser3	AISI 304
18	Mechnical seal	Sic/Carbon
19	Bracket cover	AISI 304
20	Terminal cover	Plastic



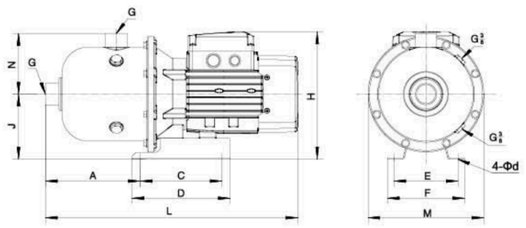
Hydraulic Performance Curves



Technical Data

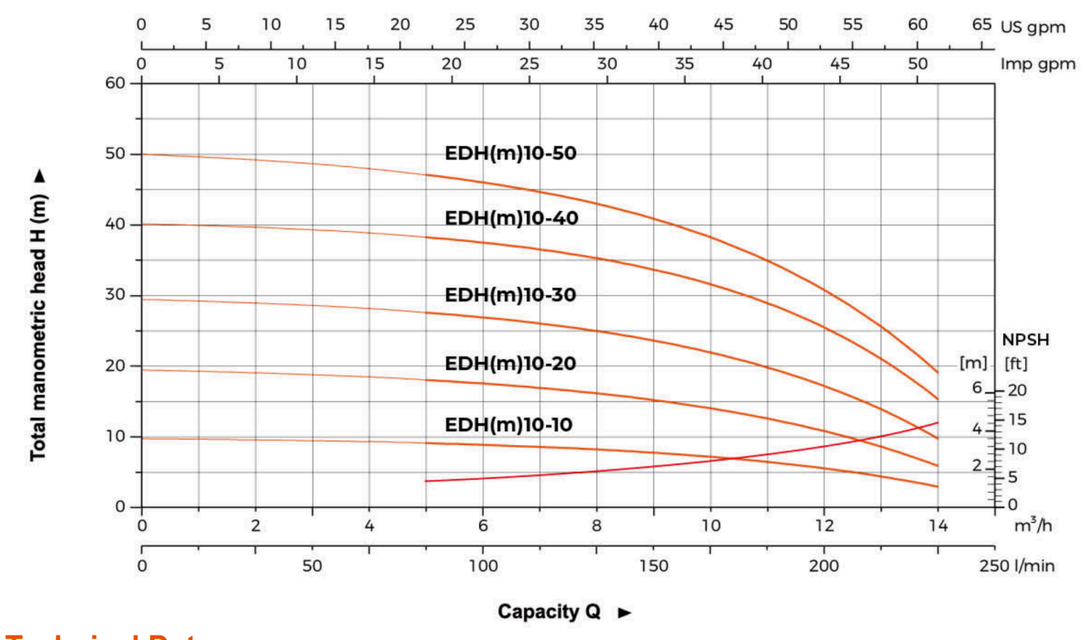
Model	Power		Q(m³/h)	1	2	3	4	4.5	5	6	7
	kW	HP	Q(l/min)	17	33	50	67	75	83	100	117
EDH(m)4-20	0.55	0.75	H (m)	17.8	17.2	16.1	14.3	12	11.3	6.3	2.3
EDH(m)4-30	0.55	0.75		26.7	26.4	24.6	22.1	18	16.8	13.5	7.3
EDH(m)4-40	0.75	1.0		36.1	35.2	32.9	29.9	25	24.7	18.6	9.2
EDH(m)4-50	1.1	1.5		45.7	43.6	40.5	37	32	31.8	21.8	10
EDH(m)4-60	1.1	1.5		53.6	52	47	42.5	37	35	23	12

Dimension



Model	L	A	C	D	E	F	G	H	J	M	N	d	GW (Kgs)	L x W x H (mm)	Quantity (PCS/20'TEU)
EDH(m)4-20	427	160	138	165	108	130	G1 1/4	216	110	Φ195	103	9	11.5	465x225x270	1044
EDH(m)4-30	427	160	138	165	108	130	G1 1/4	216	110	Φ195	103	9	12.9	465x225x270	1044
EDH(m)4-40	427	160	138	165	108	130	G1 1/4	216	110	Φ195	103	9	13.8	465x225x270	1044
EDH(m)4-50	480	160	138	165	108	130	G1 1/4	245	120	Φ195	103	9	18.2	515x225x297	870
EDH(m)4-60	480	160	138	165	108	130	G1 1/4	245	120	Φ195	103	9	18.6	515x225x297	870

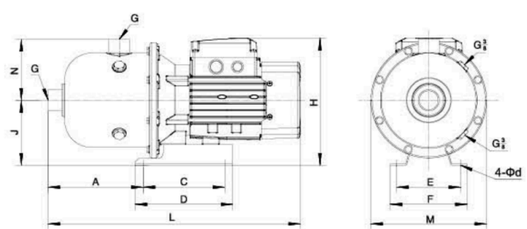
Hydraulic Performance Curves



Technical Data

Model	Power		Q(m³/h)	6	7	8	9	10	11	12	13	14
	kW	HP	Q(l/min)	100	117	133	150	167	183	200	217	233
EDH(m)10-10	0.75	1.0	H (m)	9.1	8.7	8.3	7.8	7.1	6.4	5.4	4.4	3.1
EDH(m)10-20	0.75	1.0		17.9	17.1	16.3	15.3	13.9	12.4	10.7	8.4	6.2
EDH(m)10-30	1.1	1.5		27.5	26.5	25.2	23.6	21.7	19.3	17	14	10
EDH(m)10-40	1.5	2.0		38.7	37.2	35.9	33.9	31.6	28.7	24.9	19.7	15.9
EDH(m)10-50	2.2	3.0		47.2	45.4	43.6	41	38.2	34.2	30	24.5	18

Dimension



Model	L	A	C	D	E	F	G	H	J	M	N	d	GW (Kgs)	L x W x H (mm)	Quantity (PCS/20'TEU)
EDH(m)10-10	568	277	138	165	108	130	G2	245	120	Φ233	140	9	21.5	610x265x317	540
EDH(m)10-20	568	277	138	165	108	130	G2	245	120	Φ233	140	9	22	610x265x317	540
EDH(m)10-30	568	277	138	165	108	130	G2	245	120	Φ233	140	9	23	610x265x317	540
EDH(m)10-40	626	285.5	138	165	108	130	G2	248	120	Φ233	140	9	29	660x265x317	480
EDH(m)10-50	626	285.5	138	165	108	130	G2	248	120	Φ233	140	9	30.7	660x265x317	480