



YOKING PUMP INDUSTRY CO.,LTD.



FLOWS OF POWER CYCLES OF LIFE

ISO9001:2015
International
Quality Management System
Certification

Domestic Pump

50Hz



FLOWS OF POWER CYCLES OF LIFE

YOKING PUMP INDUSTRY CO.,LTD.

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🌐 www.yokingpumps.com

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20231110

YOKING PUMP INDUSTRY CO.,LTD.

High-Quality Industrial Pumps Manufacturer



HIGH-QUALITY INDUSTRIAL PUMPS MANUFACTURER

YOKING PUMP INDUSTRY CO., LTD is a professional manufacturer of high quality industrial pumps, with the business purpose of "Quality As The Basis, Sales For Development" and the value of "Technology First, Beyond Self". We use super high casting technology, high quality parts to create the best quality products. In order to better meet customer demand and business expansion needs, We are looking for agents and cooperative partner from all over the world. Our quality and production of products improved year by year, YOKING has entered a period of rapid development, but we will work harder, constantly improve the product framework, innovative technology, will be more excellent products and perfect service for the majority of customers.



CMI

Stainless Steel Horizontal Multistage Centrifugal Pump



Private House



Agricultural



Civil use



Industrial use



Application

- Air conditioning system
- Water treatment
- Water pressurization on the processing line
- Heating and cooling water for industrial production lines
- Conveying liquid that is thin, clean, non-flammable, non-explosive, free of solid particles and fibers
- Air freshening, humidification equipment (soft water)
- Water supply pressurization (drinking water)
- Fertilization/metering system
- Aquaculture

Operation Conditions

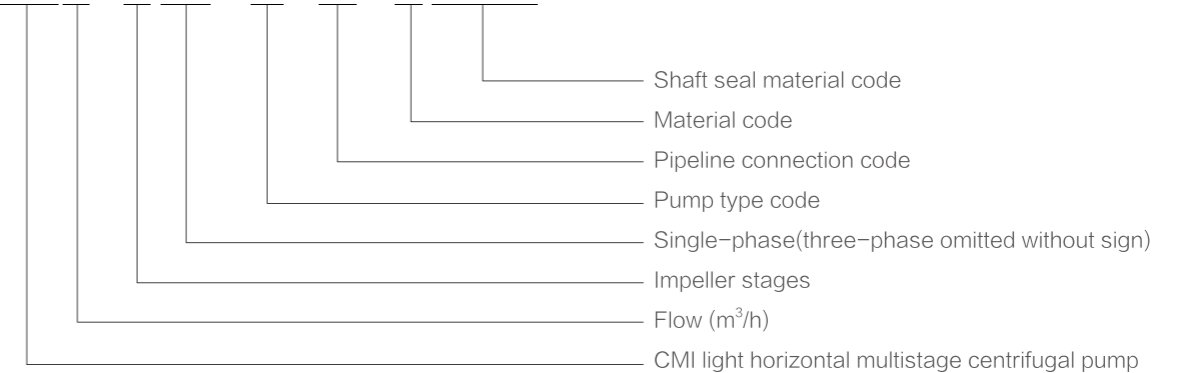
- Liquid: thin, clean, non-flammable and explosive liquid without solid particles or fibers.
- Liquid temperature: Low temperature: -20°C to $+70^{\circ}\text{C}$
Normal temperature: $+15^{\circ}\text{C}$ to $+70^{\circ}\text{C}$
High temperature: $+70^{\circ}\text{C}$ to 104°C
- PH value: between 6.5-8.5
- Ambient temperature: $\leq 40^{\circ}\text{C}$
- Altitude: $\leq 1000\text{m}$
- Max. working pressure: 1.0Mpa
- Voltage fluctuation range: $\pm 10\%$
- Before use, it must be filled with water to drain the air in the pump, otherwise the water cannot be pumped normally.

Motor

- Voltage & Frequency: Single-phase 220-240V/50Hz, three-phase 380-415V/50Hz (60Hz and different voltages can be customized).
- Motor poles: 2 poles
- Insulation class: F
- Protection class: IP55
- Working system: S1
- Built-in thermal protector for single-phase motor
- Bearing: C&U high temperature bearing
- Max. times of motor starts per hour: 20 times; motor starts times(lifetime): $\geq 100,000$ times.

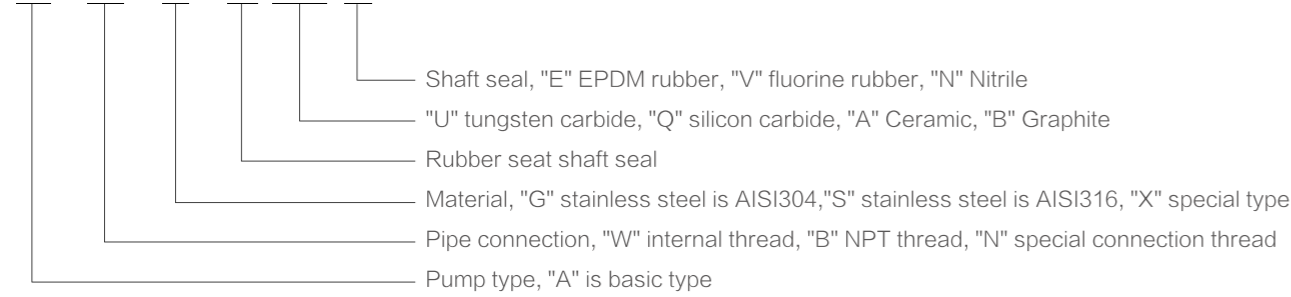
Model Implication

CMI 3 - 2 (D) - A - W - G BABE

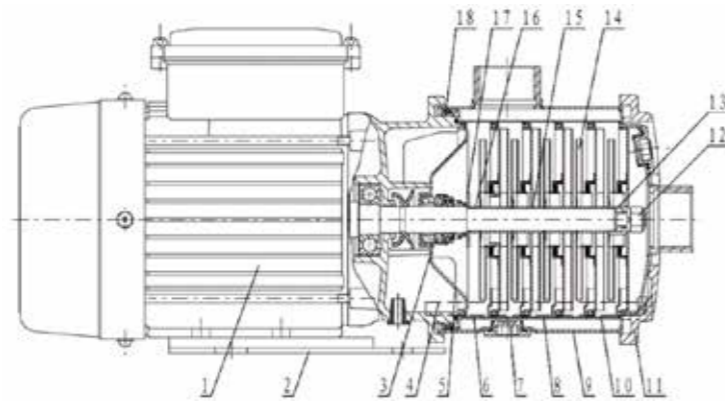


Model Implication

A - W - G - B AB E

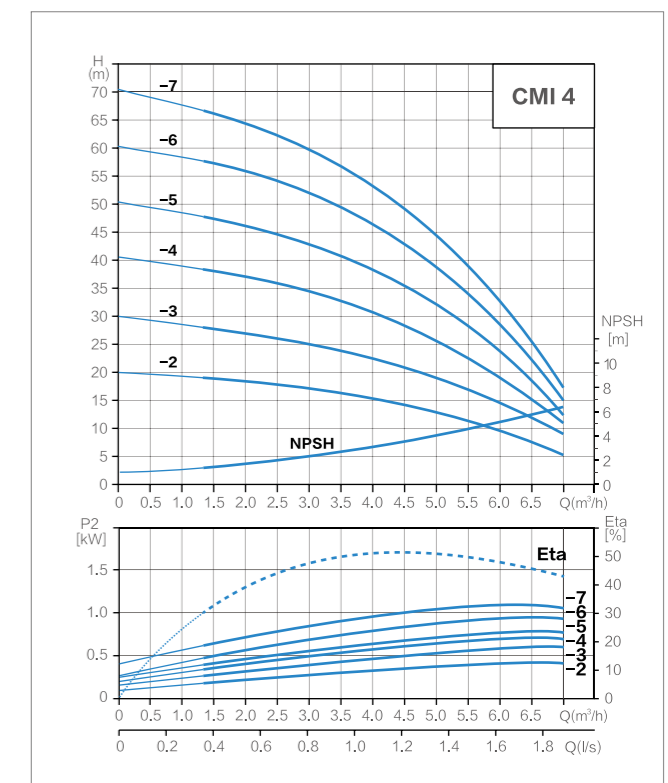
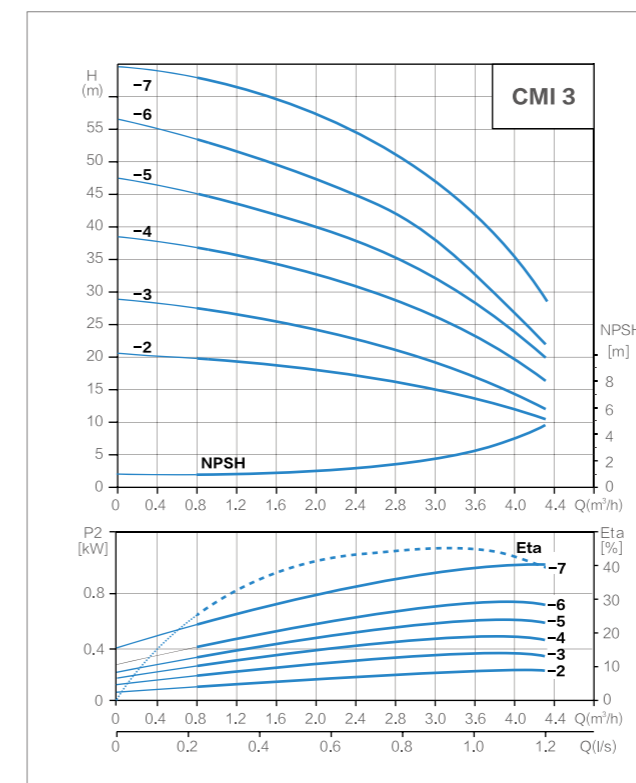
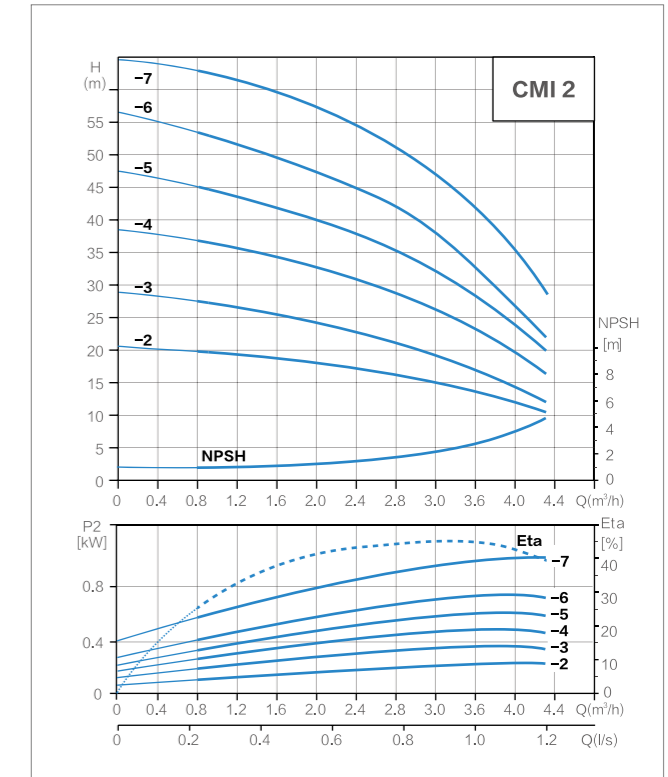
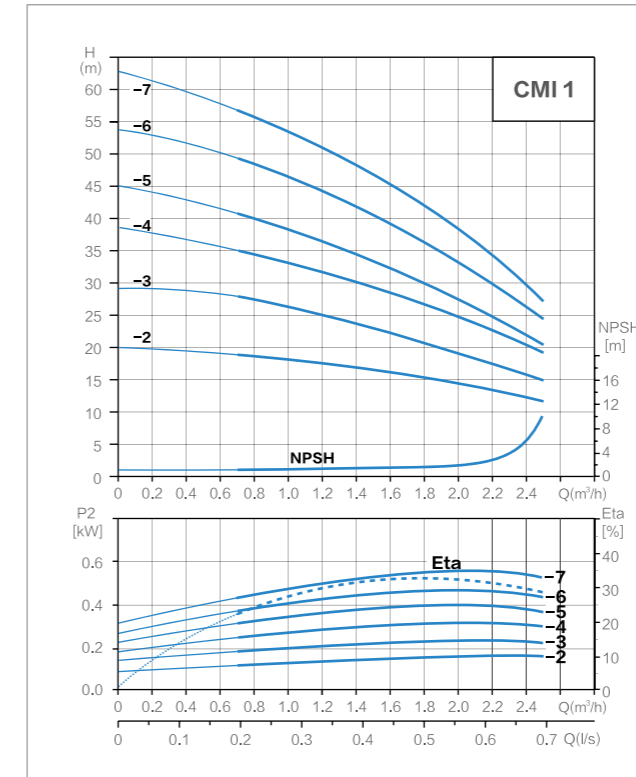


Structure

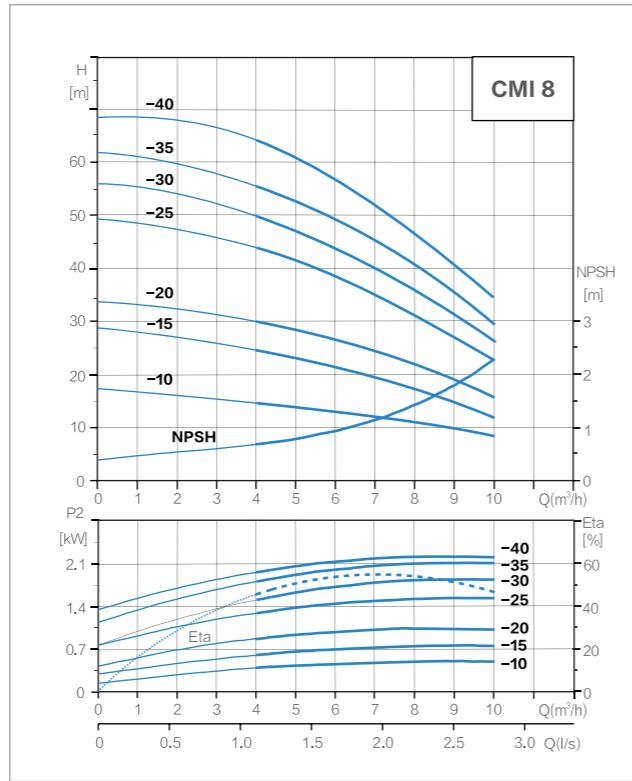
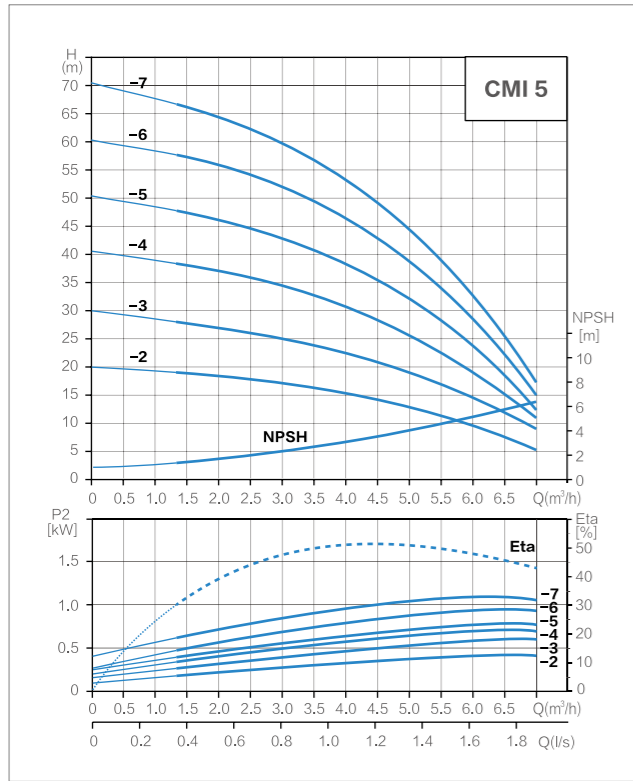


No.	Part	Material	No.	Part	Material
1	Motor		10	Inlet Section	SUS304
2	Bottom Plate	A3	11	Clamp	ADC12
3	Mechanical Seal	Graphite/Ceramic/EPDM	12	Nut	SUS304
4	Hexagon Socket Screw	A3	13	Impeller Press Tube	SUS304
5	Pump Cover	SUS304	14	Impeller	SUS304
6	Outlet Section	SUS304	15	Long Sleeve	SUS304
7	Plug	SUS304	16	Short Sleeve	SUS304
8	Middle Section	SUS304	17	Flat Washer	SUS304
9	Pump Casing	SUS304	18	O-Ring	NBR

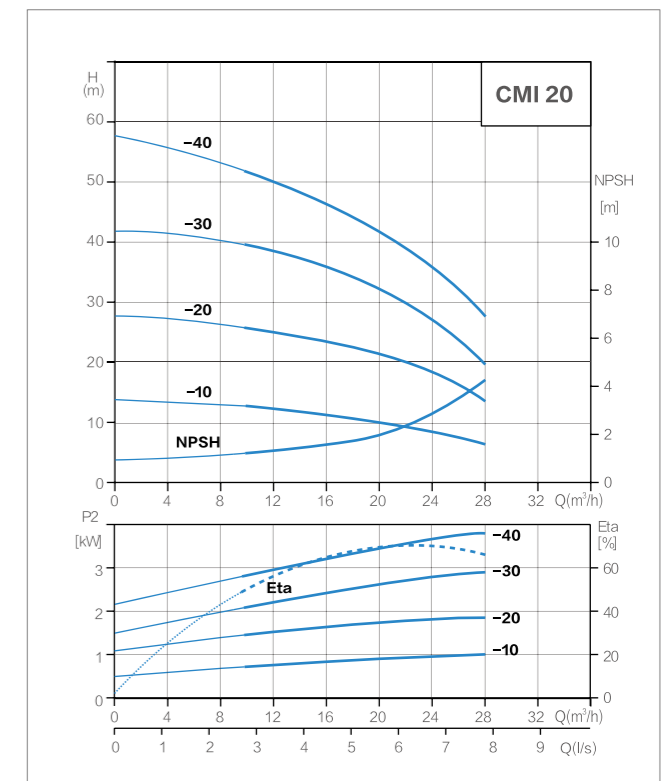
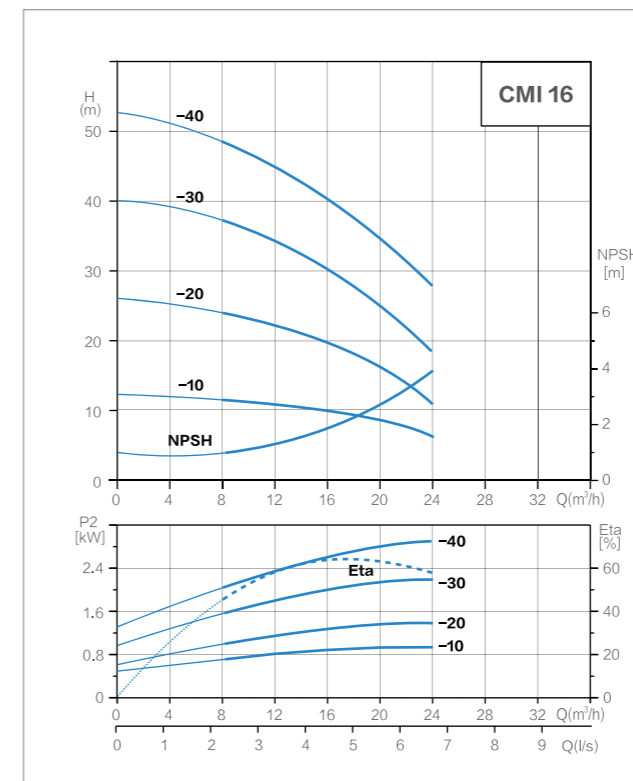
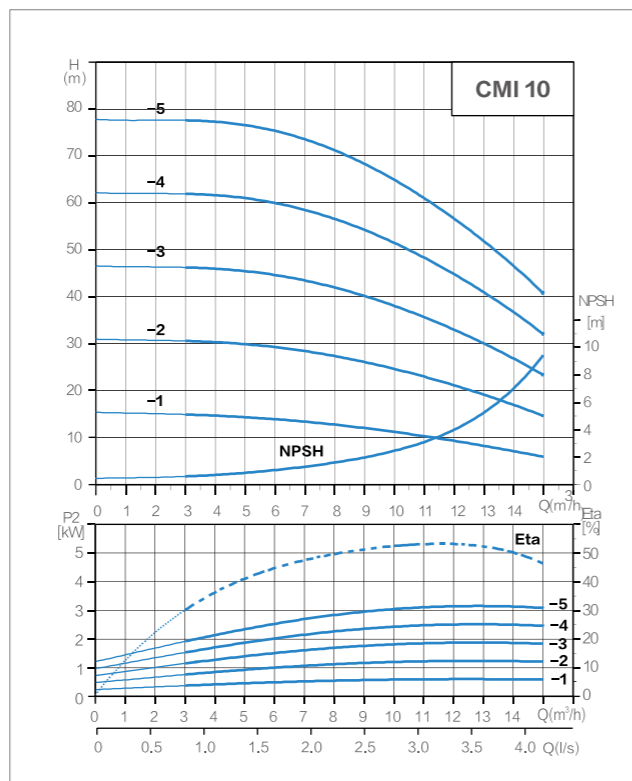
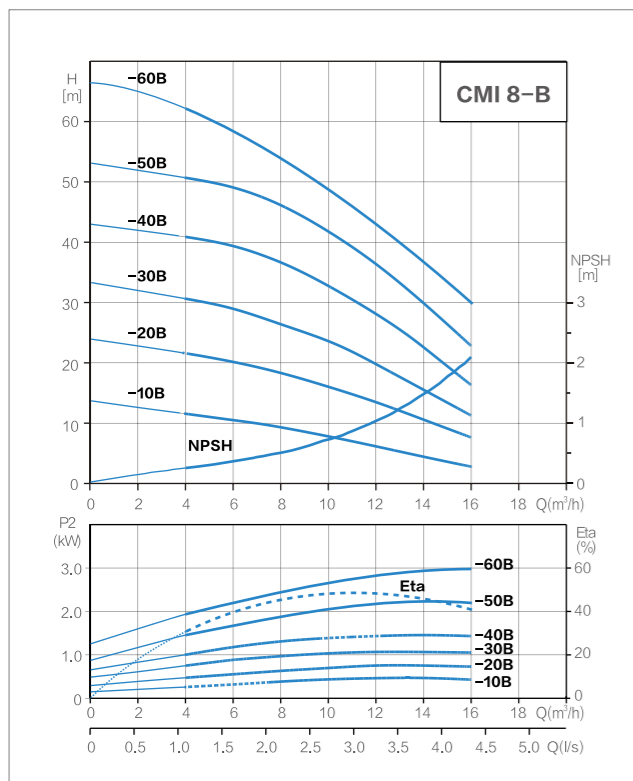
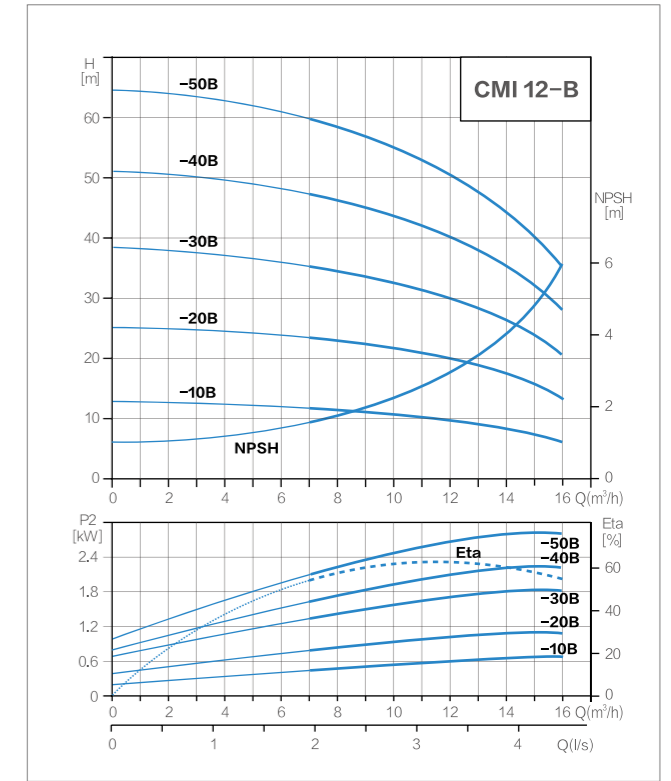
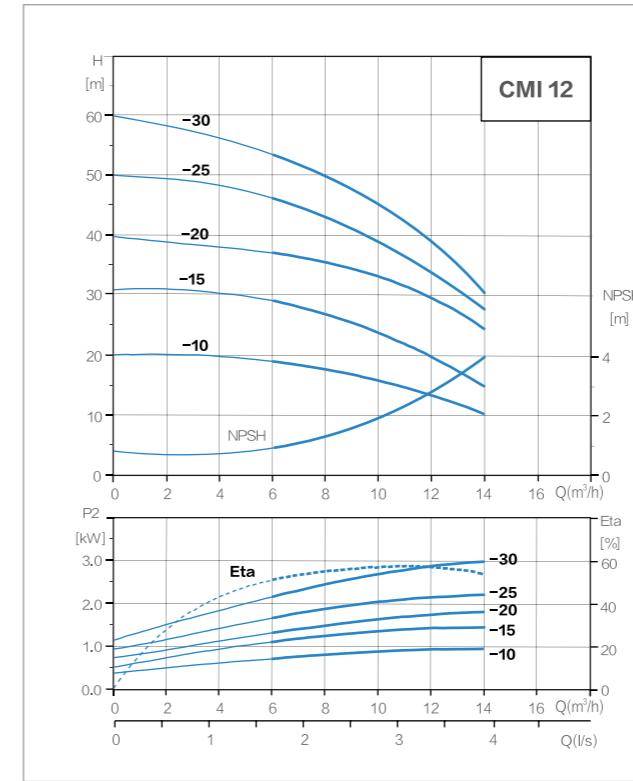
Hydraulic Performance Curves



Hydraulic Performance Curves



Hydraulic Performance Curves



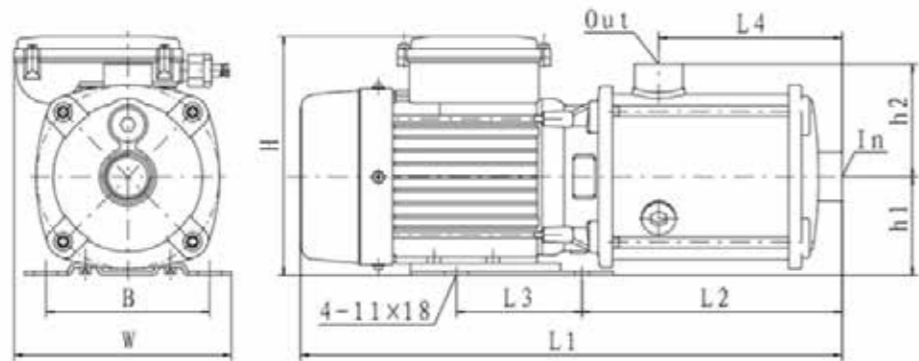
Technical Parameters

No.	Model	Power P2	Rated Flow	Rated Head	Speed	Inlet DIM	Outlet DIM
		KW	Qn (m³/h)	Hn (m)	r/min		
1	CMI1-2(D)	0.25	1	18	2900	G1	G1
2	CMI1-3(D)	0.25	1	25	2900	G1	G1
3	CMI1-4(D)	0.37	1	33	2900	G1	G1
4	CMI1-5(D)	0.37	1	38	2900	G1	G1
5	CMI1-6(D)	0.37	1	46	2900	G1	G1
6	CMI1-7(D)	0.55	1	53	2900	G1	G1
7	CMI2-2(D)	0.25	2	18	2900	G1	G1
8	CMI2-3(D)	0.37	2	24	2900	G1	G1
9	CMI2-4(D)	0.55	2	32	2900	G1	G1
10	CMI2-5(D)	0.55	2	40	2900	G1	G1
11	CMI2-6(D)	0.75	2	47	2900	G1	G1
12	CMI2-7(D)	1	2	57	2900	G1	G1
13	CMI3-2(D)	0.25	3	15	2900	G1	G1
14	CMI3-3(D)	0.37	3	21	2900	G1	G1
15	CMI3-4(D)	0.55	3	28	2900	G1	G1
16	CMI3-5(D)	0.55	3	35	2900	G1	G1
17	CMI3-6(D)	0.75	3	42	2900	G1	G1
18	CMI3-7(D)	1	3	49	2900	G1	G1
19	CMI4-2(D)	0.37	4	15.5	2900	G11/4	G1
20	CMI4-3(D)	0.55	4	22.5	2900	G11/4	G1
21	CMI4-4(D)	0.75	4	31	2900	G11/4	G1
22	CMI4-5(D)	0.75	4	38	2900	G11/4	G1
23	CMI4-6(D)	1	4	46	2900	G11/4	G1
24	CMI4-7(D)	1.1	4	53	2900	G11/4	G1
25	CMI5-2(D)	0.37	5	13	2900	G11/4	G1
26	CMI5-3(D)	0.55	5	19.5	2900	G11/4	G1
27	CMI5-4(D)	0.75	5	26	2900	G11/4	G1
28	CMI5-5(D)	0.75	5	32	2900	G11/4	G1
29	CMI5-6(D)	1	5	39.5	2900	G11/4	G1
30	CMI5-7(D)	1.1	5	45.5	2900	G11/4	G1
31	CMI8-10(D)	0.55	8	10	2900	G11/2	G11/2
32	CMI8-15(D)	0.75	8	17	2900	G11/2	G11/2
33	CMI8-20(D)	1	8	20	2900	G11/2	G11/2

Technical Parameters

No.	Model	Power P2	Rated Flow	Rated Head	Speed	Inlet DIM	Outlet DIM
		KW	Qn (m³/h)	Hn (m)	r/min		
34	CMI8-25(D)	1.5	8	30	2900	G11/2	G11/2
35	CMI8-30(D)	1.85	8	32	2900	G11/2	G11/2
36	CMI8-35(D)	2.2	8	42	2900	G11/2	G11/2
37	CMI8-40(D)	2.2	8	45	2900	G11/2	G11/2
38	CMI8-10B(D)	0.55	8	10	2900	G11/2	G11/2
39	CMI8-20B(D)	0.75	8	18	2900	G11/2	G11/2
40	CMI8-30B(D)	1.1	8	26	2900	G11/2	G11/2
41	CMI8-40B(D)	1.5	8	34	2900	G11/2	G11/2
42	CMI8-50B(D)	2.2	8	45	2900	G11/2	G11/2
43	CMI8-60B	3	8	52	2900	G11/2	G11/2
44	CMI10-1(D)	0.65	10	11	2900	G11/2	G11/2
45	CMI10-2(D)	1.2	10	24	2900	G11/2	G11/2
46	CMI10-3(D)	2.2	10	38	2900	G11/2	G11/2
47	CMI10-4	3	10	52	2900	G11/2	G11/2
48	CMI10-5	3	10	63	2900	G11/2	G11/2
49	CMI12-10(D)	1	12	12.5	2900	G11/2	G11/2
50	CMI12-15(D)	1.5	12	19	2900	G11/2	G11/2
51	CMI12-20(D)	1.85	12	26	2900	G11/2	G11/2
52	CMI12-25(D)	2.2	12	32	2900	G11/2	G11/2
53	CMI12-30	3	12	40	2900	G11/2	G11/2
54	CMI12-10B(D)	0.75	12	8.5	2900	G11/2	G11/2
55	CMI12-20B(D)	1.1	12	19.5	2900	G11/2	G11/2
56	CMI12-30B(D)	1.85	12	29.5	2900	G11/2	G11/2
57	CMI12-40B(D)	2.2	12	39.5	2900	G11/2	G11/2
58	CMI12-50B	3	12	50	2900	G11/2	G11/2
59	CMI16-10(D)	1	16	10	2900	G2	G2
60	CMI16-20(D)	1.5	16	20	2900	G2	G2
61	CMI16-30(D)	2.2	16	30	2900	G2	G2
62	CMI16-40	3	16	40	2900	G2	G2
63	CMI20-10(D)	1	20	8	2900	G2	G2
64	CMI20-20(D)	1.85	20	18	2900	G2	G2
65	CMI20-30	3	20	28	2900	G2	G2
66	CMI20-40	4	20	42	2900	G2	G2

Installation Dimension



No.	Model	Single Phase					Three Phase					L2	L4	h1	h2	In	Out
		L1	L3	B	W	H	L1	L3	B	W	H						
1	CMI1-2(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G1	G1
2	CMI1-3(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G1	G1
3	CMI1-4(D)	332	96	125	166	172	332	96	125	158	174	145	86	75	86	G1	G1
4	CMI1-5(D)	350	96	125	166	172	350	96	125	158	174	163	104	75	86	G1	G1
5	CMI1-6(D)	386	96	125	166	172	386	96	125	158	174	199	140	75	86	G1	G1
6	CMI1-7(D)	414	96	125	166	182	414	96	125	158	188	199	140	75	86	G1	G1
7	CMI2-2(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G1	G1
8	CMI2-3(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G1	G1
9	CMI2-4(D)	332	96	125	166	172	332	96	125	158	174	145	86	75	86	G1	G1
10	CMI2-5(D)	350	96	125	166	172	350	96	125	158	174	163	104	75	86	G1	G1
11	CMI2-6(D)	414	96	125	166	182	414	96	125	158	188	199	140	75	86	G1	G1
12	CMI2-7(D)	414	96	125	172	185	414	96	125	158	188	199	140	75	86	G1	G1
13	CMI3-2(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G1	G1
14	CMI3-3(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G1	G1
15	CMI3-4(D)	332	96	125	166	172	332	96	125	158	174	145	86	75	86	G1	G1
16	CMI3-5(D)	350	96	125	166	172	350	96	125	158	174	163	104	75	86	G1	G1
17	CMI3-6(D)	414	96	125	166	182	414	96	125	158	188	199	140	75	86	G1	G1
18	CMI3-7(D)	414	96	125	172	185	414	96	125	158	188	199	140	75	86	G1	G1
19	CMI4-2(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G11/4	G1
20	CMI4-3(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G11/4	G1
21	CMI4-4(D)	360	96	125	166	182	360	96	125	158	188	145	86	75	86	G11/4	G1
22	CMI4-5(D)	378	96	125	166	182	378	96	125	158	188	163	104	75	86	G11/4	G1
23	CMI4-6(D)	414	96	125	172	185	414	96	125	158	188	199	140	75	86	G11/4	G1
24	CMI4-7(D)	414	96	125	172	185	414	96	125	158	188	199	140	75	86	G11/4	G1
25	CMI5-2(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G11/4	G1
26	CMI5-3(D)	314	96	125	166	172	314	96	125	158	174	127	68	75	86	G11/4	G1
27	CMI5-4(D)	360	96	125	166	182	360	96	125	158	188	145	86	75	86	G11/4	G1
28	CMI5-5(D)	378	96	125	166	182	378	96	125	158	188	163	104	75	86	G11/4	G1

Installation Dimension

No.	Model	Single Phase					Three Phase					L2	L4	h1	h2	In	Out
		L1	L3	B	W	H	L1	L3	B	W	H						
29	CMI5-6(D)	414	96	125	172	185	414	96	125	158	188	199	140	75	86	G11/4	G1
30	CMI5-7(D)	414	96	125	172	185	414	96	125	158	188	199	140	75	86	G11/4	G1
31	CMI8-10(D)	377	96	125	182	206	377	96	125	182	212	185	100	100	108	G11/2	G11/2
32	CMI8-15(D)	377	96	125	182	206	377	96	125	182	212	185	100	100	108	G11/2	G11/2
33	CMI8-20(D)	377	96	125	184	206	377	96	125	182	212	185	100	100	108	G11/2	G11/2
34	CMI8-25(D)	408	96	125	182	232	408	96	125	182	217	200	100	100	108	G11/2	G11/2
35	CMI8-30(D)	449	140	160	199	244	408	96	125	182	217	200	100	100	108	G11/2	G11/2
36	CMI8-35(D)	479	140	160	199	244	438	96	125	182	217	230	130	100	108	G11/2	G11/2
37	CMI8-40(D)	479	140	160	199	244	438	96	125	182	217	230	130	100	108	G11/2	G11/2
38	CMI8-10B(D)	377	96	125	182	206	377	96	125	182	212	185	100	100	108	G11/2	G11/2
39	CMI8-20B(D)	377	96	125	182	206	377	96	125	182	212	185	100	100	108	G11/2	G11/2
40	CMI8-30B(D)	408	96	125	184	214	408	96	125	182	217	200	100	100	108	G11/2	G11/2
41	CMI8-40B(D)	438	96	125	182	232	438	96	125	182	217	230	130	100	108	G11/2	G11/2
42	CMI8-50B(D)	539	140	160	199	244	498	96	125	182	217	290	190	100	108	G11/2	G11/2
43	CMI8-60B	-	-	-	-	-	559	140	160	199	212	290	190	100	108	G11/2	G11/2
44	CMI10-1(D)	383	96	125	182	206	383	96	125	182	212	185	100	100	108	G11/2	G11/2
45	CMI10-2(D)	412	96	125	184	214	412	96	125	182	217	200	100	100	108	G11/2	G11/2
46	CMI10-3(D)	448	140	160	199	244	448	140	160	199	212	200	100	100	108	G11/2	G11/2
47	CMI10-4	-	-	-	-	-	498	140	160	199	212	230	130	100	108	G11/2	G11/2
48	CMI10-5	-	-	-	-	-	558	140	160	199	212	230	190	100	108	G11/2	G11/2
49	CMI12-10(D)	377	96	125	184	206	377	96	125	182	212	185	100	100	108	G11/2	G11/2
50	CMI12-15(D)	408	96	125	182	232	408	96	125	182	217	200	100	100	108	G11/2	G11/2
51	CMI12-20(D)	449	140	160	199	244	408	96	125	182	217	200	100	100	108	G11/2	G11/2
52	CMI12-25(D)	449	140	160	199	244	408	96	125	182	217	200	100	100	108	G11/2	G11/2
53	CMI12-30	-	-	-	-	-	469	140	160	199	212	200	100	100	108	G11/2	G11/2
54	CMI12-10B(D)	377	96	125	182	206	377	96	125	182	212	185	100	100	108	G11/2	G11/2
55	CMI12-20B(D)	408	96	125	184	214	408	96	125	182	217	200	100	100	108	G11/2	G11/2
56	CMI12-30B(D)	449	140	160	199	244	408	96	125	182	217	200	100	100	108	G11/2	G11/2
57	CMI12-40B(D)	479	140	160	199	244	438	96	125	182	217	230	130	100	108	G11/2	G11/2
58	CMI12-50B	-	-	-	-	-	539	140	160	199	212	290	190	100	108	G11/2	G11/2
59	CMI16-10(D)	408	96	125	184	209	408	96	125	182	212	215	130	100	108	G2	G2
60	CMI16-20(D)	439	96	125	182	232	439	96	125	182	217	230	130	100	108	G2	G2
61	CMI16-30(D)	480	140	160	199	244	480	140	160	199	212	230	130	100	108	G2	G2
62	CMI16-40	-	-	-	-	-	545	140	160	199	212	275	175	100	108	G2	G2
63	CMI20-10(D)	408	96	125	184	209	408	96	125	182	212	215	130	100	108	G2	G2
64	CMI20-20(D)	480	140	160	182	244	439	96	125	182	217	230	130	100	108	G2	G2
65	CMI20-30	-	-	-	-	-	500	140	160	199	212	230	130	100	108	G2	G2
66	CMI20-40	-	-	-	-	-	561	140	160	199	252	297	175	105	108	G2	G2

MHI

Horizontal Multistage Stainless Steel Pump



Private House



Civil use



Industrial use



Horizontal Multistage Stainless Steel Pump

Main Application

- Water supply and pressure boosting
- Hot water circulation and heating system
- Air-conditioning systems
- Industrial circulation systems
- Washing and sprinkling systems
- For various machinery

Feature

- Stainless steel materials
- High pressure by multi-stage impeller

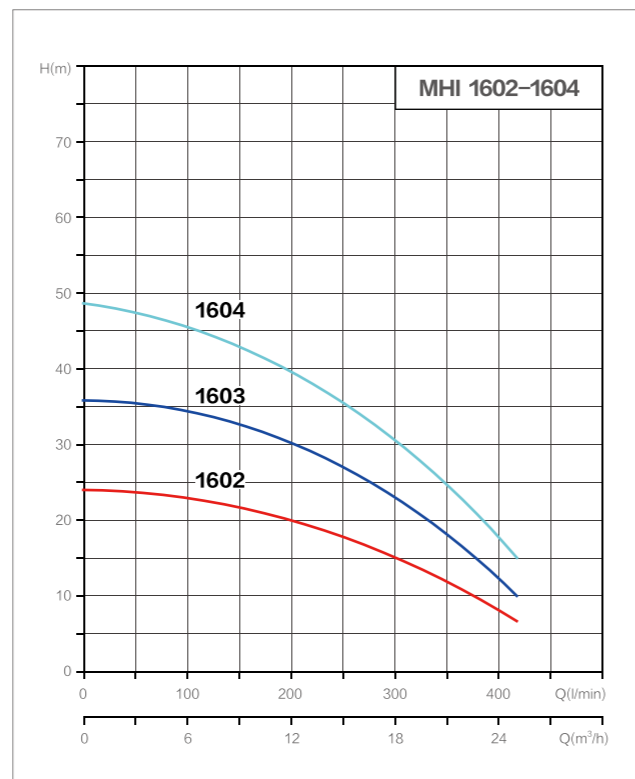
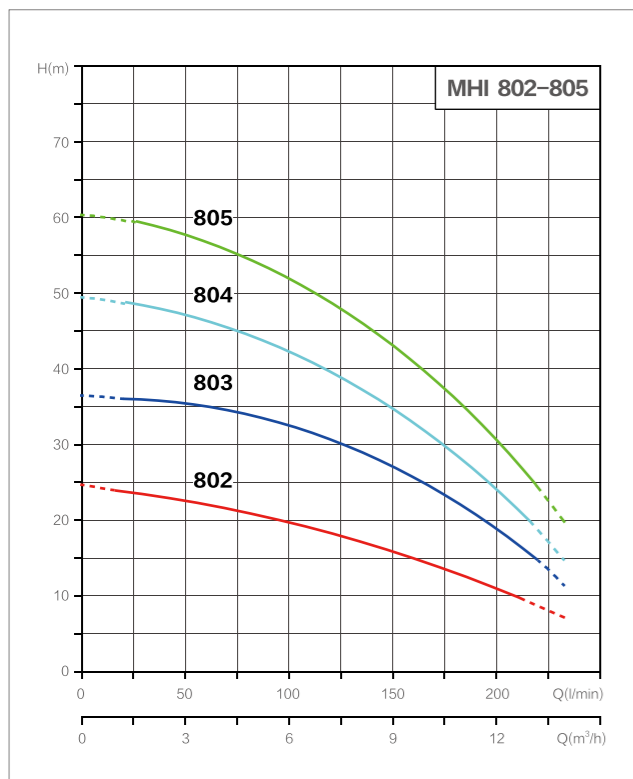
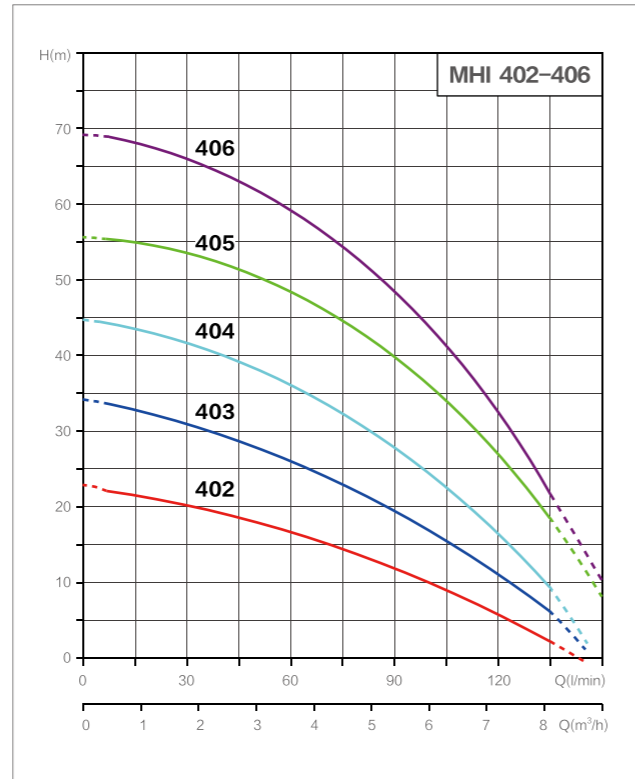
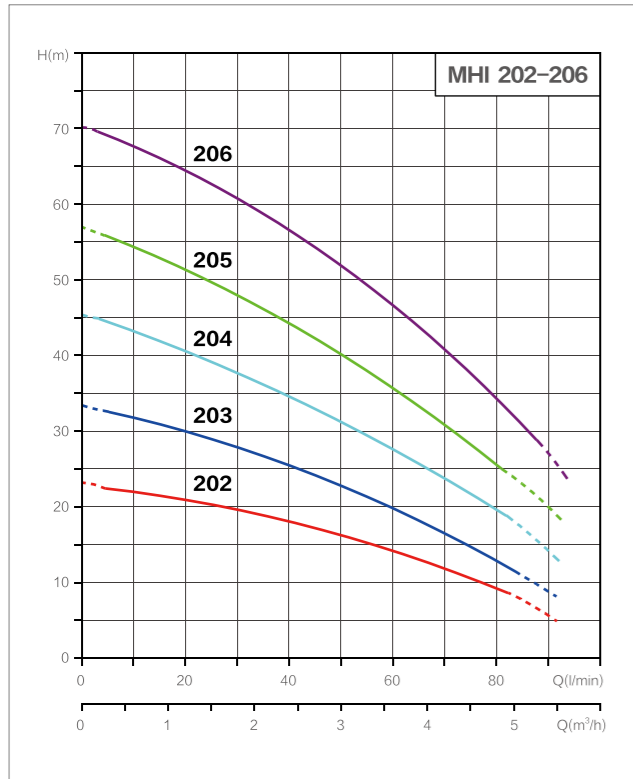
Material

Casing	AISI 304
Impeller	AISI 304
Shaft	AISI 304
Mechanical seal	Silicon carbide & American Morgan graphite with temperature resistance of 120°C and resistance to antifreeze corrosion
Bearing	Customized high-temperature resistant grease (-50 ~ 200°C), high speed silent bearing
Motor	National standard silicon steel stator and rotor, F-grade high-temperature resistant insulated copper wire

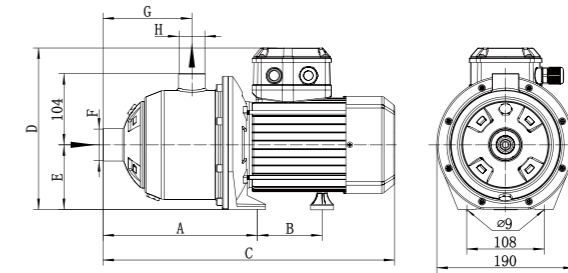
Technical Data

Model	MHI-202	MHI-203	MHI-204	MHI-205	MHI-206	MHI-402	MHI-403	MHI-404	MHI-405	MHI-406	MHI-802	MHI-803	MHI-804	MHI-805	MHI-1602	MHI-1603	MHI-1604
Electrical connection																	
Power source	220V/50Hz, 380V/50Hz																
Power(kW)	0.37	0.55	0.55	0.75	1.1	0.37	0.55	0.75	1.1	1.5	0.75	1.1	1.5	1.85	1.5	1.85	2.2
Application situation																	
Approved Fluids	Clean water																
Fluid temp (°C)	0 ~ 90																
Performance parameter																	
Max. head(m)	22	33	45	54	69	23	33	42	57	68	23	36	48	59	24	36	48
Rated head(m)	20	30	38	47	60	18	27	38	46	55	17	24	35	47	16	27	33
Max. flow(m³/h)	5	5	5	5	5	8	8	8	8	8	12	12	12	12	26	26	26
Rated flow(m³/h)	2	2	2	2	2	4	4	4	4	4	8	8	8	8	16	16	16
Inlet size(DN)	25	25	25	25	25	32	32	32	32	32	40	40	40	40	50	50	50
Outlet size(DN)	25	25	25	25	25	25	25	25	25	25	32	32	32	32	40	40	40
Max. pressure(bar)	10																
Protection class	IP54																

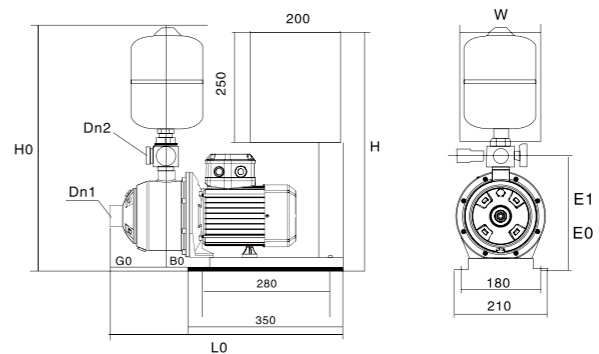
Hydraulic Performance Curves



Dimensional Drawing



Model	A	B		C		D		E		F	G	H
		1~220V	3~380V	1~220V	3~380V	1~220V	3~380V	1~220V	3~380V			
MHI202	205	70	70	377	377	206	225	90	90	Rp1	110	Rp1
MHI203	205	88	70	418	377	206	225	90	90	Rp1	110	Rp1
MHI204	229	88	88	418	418	206	225	90	90	Rp1	134	Rp1
MHI205	253	88	88	442	442	206	225	90	90	Rp1	158	Rp1
MHI206	277	88	88	474	466	206	225	90	90	Rp1	182	Rp1
MHI402	205	70	70	377	377	206	225	90	90	Rp1 1/4	110	Rp1
MHI403	205	88	88	418	418	206	225	90	90	Rp1 1/4	110	Rp1
MHI404	229	88	88	442	442	206	225	90	90	Rp1 1/4	134	Rp1
MHI405	253	88	88	474	474	206	225	90	90	Rp1 1/4	158	Rp1
MHI406	277	106	88	498	498	232	225	90	90	Rp1 1/4	182	Rp1
MHI802	217	88	88	406	406	206	225	90	90	Rp1 1/2	122	Rp1 1/4
MHI803	217	88	88	436	444	206	225	90	90	Rp1 1/2	122	Rp1 1/4
MHI804	247	106	88	450	474	232	225	90	90	Rp1 1/2	152	Rp1 1/4
MHI805	277	-	106	-	480	-	237	-	90	Rp1 1/2	182	Rp1 1/4
MHI1602	237	-	106	-	440	-	237	-	90	Rp2	138	Rp1 1/2
MHI1603	237	-	106	-	440	-	237	-	90	Rp2	138	Rp1 1/2
MHI1604	282	-	147	-	529	-	270	-	90	Rp2	138	Rp1 1/2



Model	Rated Power (kW)	DN1	DN2	E0	G0	B0	L0	H0	H	W	Pressure Setting (bar)
BF-MHI202	0.37	25	25	120	138	80	505	541	540	180	1.6
BF-MHI203	0.55	25	25	120	138	80	505	541	540	180	2.4
BF-MHI402	0.55	25	32	120	138	80	505	541	540	180	1.6
BF-MHI403	0.55	25	32	120	138	80	505	541	540	180	2.4
BF-MHI404	0.75	25	32	120	138	80	553	541	540	180	3.0
BF-MHI405	1.1	25	32	120	138	80	553	541	540	180	4.0
BF-MHI406	1.5	25	32	130	138	80	577	551	540	180	5.0
BF-MHI802	0.75	32	40	120	144	80	517	552	540	180	1.6
BF-MHI803	1.1	32	40	120	144	80	517	552	540	180	2.4
BF-MHI804	1.5	32	40	130	144	80	517	562	540	180	3.0
BF-MHI805	1.85	32	40	130	144	80	517	562	540	180	4.0
BF-MHI1602	1.5	40	50	120	154	84	537	562	540	180	1.6
BF-MHI1603	1.85	40	50	120	154	84	537	562	540	180	2.4
BF-MHI1604	2.2	40	50	130	154	84	582	572	590	210	3.0

PUN

Centrifugal Booster Pump



Private House



Civil use



Centrifugal Booster Pump

Main Application

- For various machinery
- General water supply for house, garden
- Small HVAC circulation system

Feature

- Low flow at high head
- Compact design

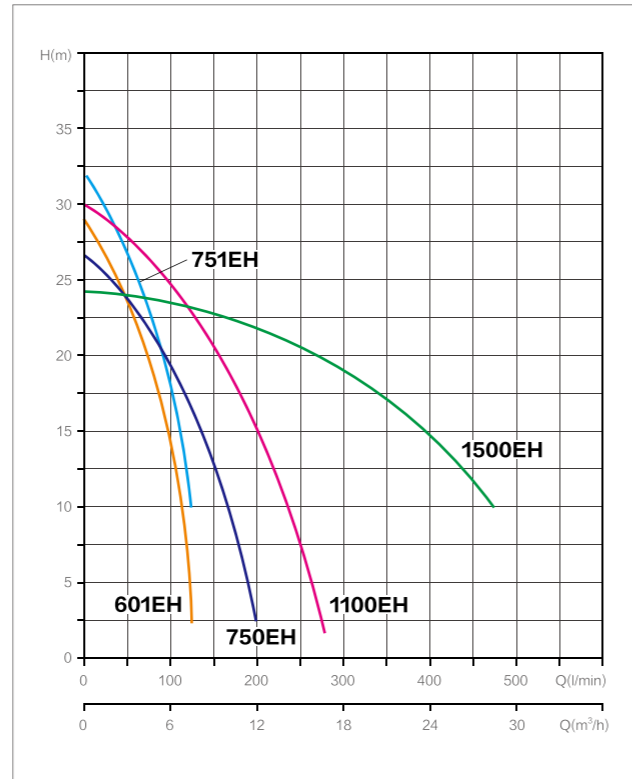
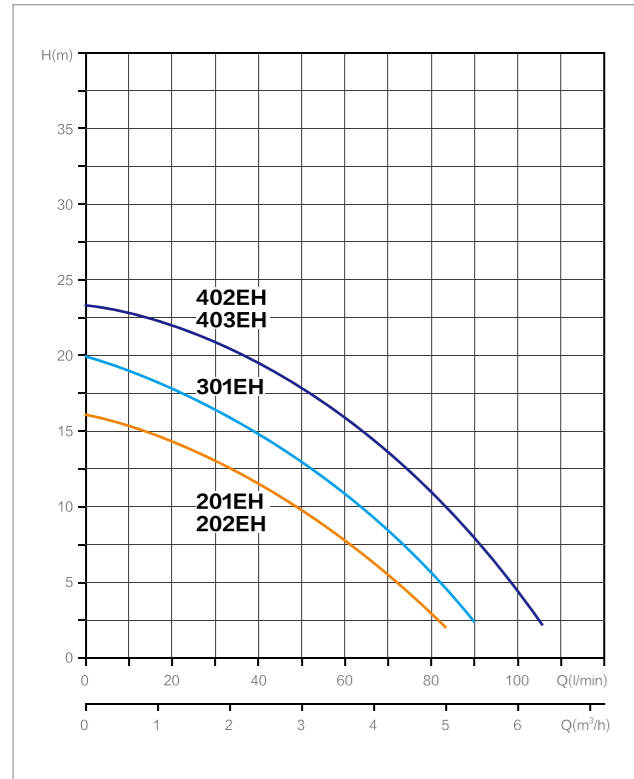
Material

Casing	Salt spray resistant electrophoretic rust prevention for precision steel casting
Impeller	Modified PPO high-temperature and wear-resistant engineering plastic/stainless steel
Shaft	AISI 304
Mechanical seal	Silicon carbide & Morgan graphite from the United States has a temperature resistance of 120°C , dry grinding for more than 3 hours, and is resistant to antifreeze corrosion
Bearing	Customized high-temperature resistant grease (-50~200°C), high speed silent bearing
Motor	National standard silicon steel stator and rotor, F-grade high-temperature resistant insulated copper wire

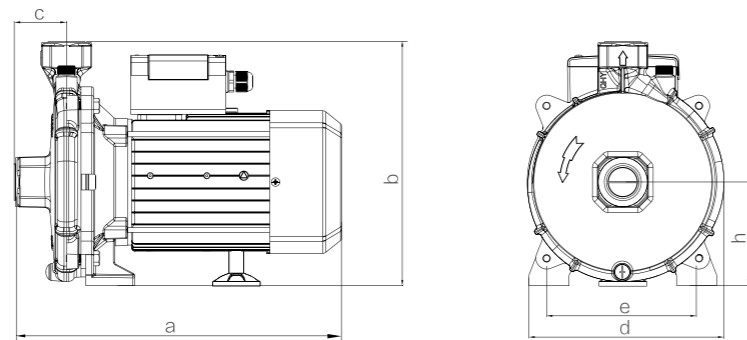
Technical Data

Model	PUN-201EH	PUN-301EH	PUN-402EH	PUN-403EH	PUN-601EH	PUN-750EH	PUN-751EH	PUN-1100EH	PUN-1500EH
Power source	220V/50Hz								
Input Power P1 (W)	320	550	720	660	880	1100	1250	1500	1950
Output Power P2 (W)	200	370	400	400	600	750	750	1100	1500
Application situation									
Approved Fluids	Clean water								
Fluid temp (°C)	0 ~ 90								
Performance parameter									
Max. flow(m³/h)	5	5.3	6.5	6.5	7.5	12	7.5	16	28
Max. head(m)	16	20	23	23	28	26	32	30	24
Rated flow(m³/h)	3	3	4	4	4	6.6	5	8	16
Rated head(m)	10	15	16	16	20	18	20	23	20
Inlet size(DN)	25	25	32	25	25	32	32	40	40
Outlet size(DN)	25	25	32	25	25	32	32	40	40
Max. pressure(bar)	5	5	5	5	5	4	4	4	4
Protection class	IP54								
Weight (kg)	7	9	10	10	11.5	12.5	13	19	21

Hydraulic Performance Curves



Dimensional Drawing



Model	a	b	c	d	e	h
PUN201EH	255	194	45	142	104	75
PUN401EH	280	196	45	159	104	81
PUN402/402EH	281	220	40	172	124	95
PUN601EH	307	230	47	180	140	98
PUN750EH	327	233	53	183	140	98
PUN751EH	320	235	46	183	140	98
PUN1100EH	348	254	52	188	140	103
PUN1500EH	355	246	59	185	140	103

PH

Small Pipe Pump



Private House



Civil use



Industrial use



Main Application

- Hot water circulation and heating system
- Air-conditioning system
- Industrial circulation system
- Water supply and boosting

Feature

- In-line , easy installation
- Light and excellent design
- Long life

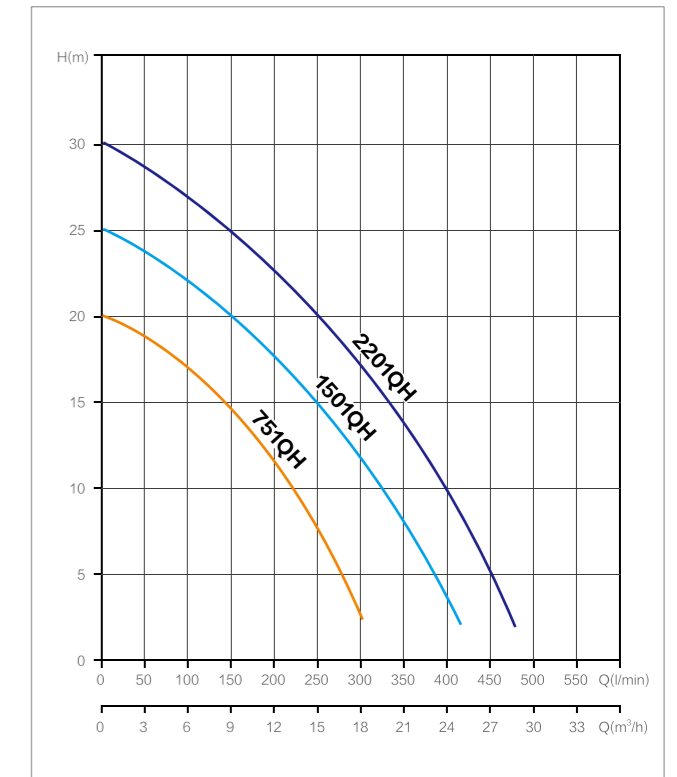
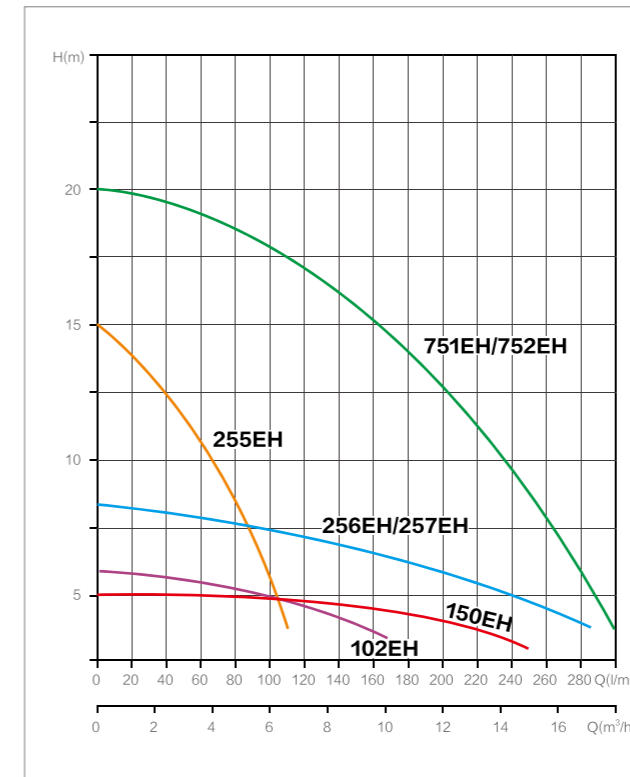
Material

Casing	Salt spray resistant electrophoretic rust prevention for precision steel casting
Impeller	Modified PPO high-temperature and wear-resistant engineering plastic/stainless steel
Shaft	AISI 304
Mechanical seal	Silicon carbide & Morgan graphite from the United States has a temperature resistance of 120°C , dry grinding for more than 3 hours, and is resistant to antifreeze corrosion
Bearing	Customized high-temperature resistant grease (-50~200°C), high speed silent bearing
Motor	National standard silicon steel stator and rotor, F-grade high-temperature resistant insulated copper wire

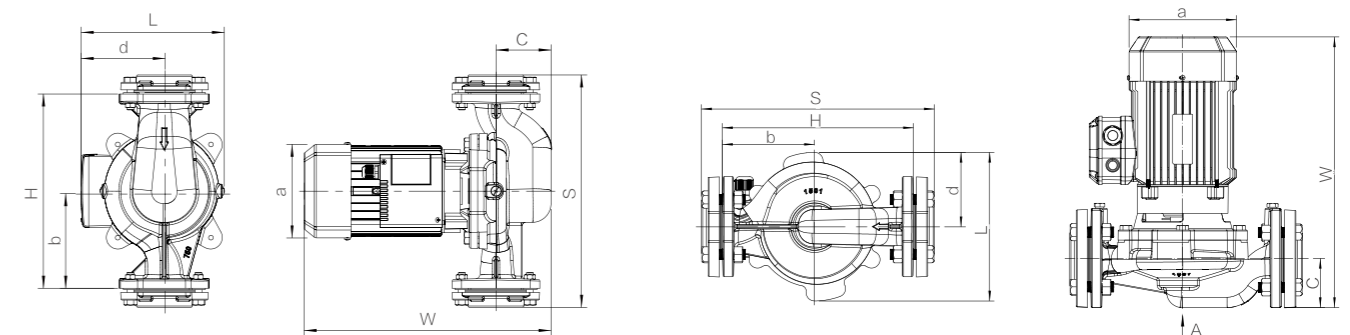
Technical Data

Model	PH-043EH	PH-102EH	PH-150EH	PH-255EH	PH-256EH	PH-257EH	PH-751EH	PH-752EH	PH-751QH	PH-752QH	PH-1501QH	PH-2201QH
Power source	220V/50Hz								380V/50Hz			
Input Power P1 (W)	90	150	220	330	450	450	1050	1050	900	900	1750	2800
Output Power P2 (W)	40	120	125	250	370	370	750	750	750	750	1500	2200
Application situation												
Approved Fluids	Clean water											
Fluid temp (°C)	0 ~ 100											
Performance parameter												
Max. flow(m³/h)	3.6	10	15	6.5	17.5	17.5	18	18	18	18	25	28
Max. head(m)	3.5	6	5	15	8	8	20	20	20	20	25	30
Rated flow(m³/h)	2	6	11	3	14	14	7.8	7.8	7.8	7.8	16	18.5
Rated head(m)	2.5	4	3	10	4	4	16	16	16	16	15	20
Inlet size(DN)	25	40	50	40	65	50	50	65	50	65	50	50
Outlet size(DN)	25	40	50	40	65	50	50	65	50	65	50	50
Max. pressure(bar)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Protection class	IP44											
Weight (kg)	3.7	8	10.5	9	16	16	20	20	20	20	32	34

Hydraulic Performance Curves



Dimensional Drawing



Model	W	L	H	S	a	b	c	d
PH102EH	270	190	210	274	Φ134	105	46	118
PH150EH	302	196	260	311	Φ134	130	69	119
PH255EH	256	194	260	316	Φ134	130	44	118
PH257EH	347	202	280	330	Φ134	140	73	118
PH751EH	353	206	280	330	Φ134	140	78	119

Model	W	L	H	S	a	b	c	d
PH751QH	353	204	280	330	Φ134	140	78	121
PH1501QH	434	268	310	372	Φ172	160	78	150
PH2201QH	434	268	310	372	Φ172	160	78	150

ZN24-18ZT

Three Speed Variable Frequency Household Intelligent Booster Pump



Private House



Three Speed Variable Frequency Household Intelligent Booster Pump

Application

- Suitable for indoor installation;
- It shall not be installed in the open air or in environments prone to water and ice formation;
- It shall not be installed in high temperature, high humidity or condensation environments;
The pipeline water pressure is within 0.3MPa, and the instantaneous impact pressure of the pipeline is within 0.6MPa.

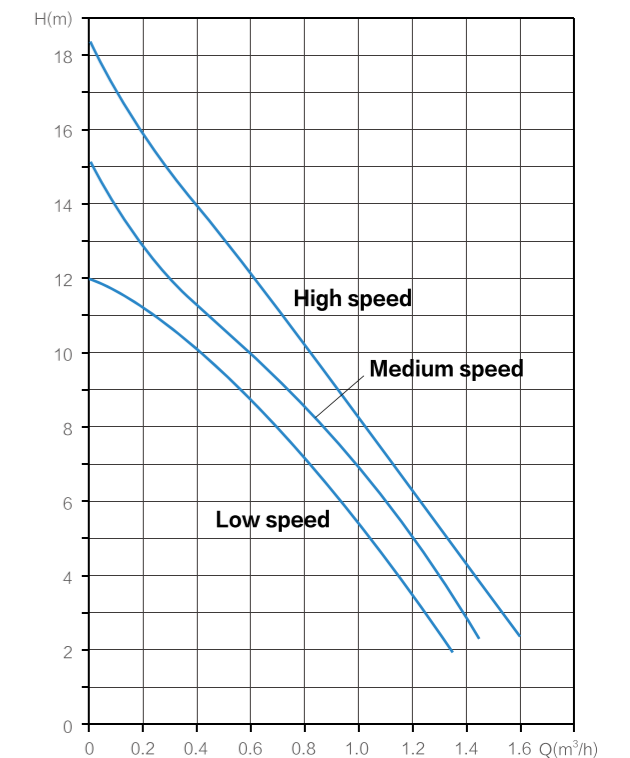
Feature

- Efficient and energy-saving: Adopting energy-saving technology has improved the efficiency and performance of the pump, reducing energy consumption.
- Silent and stable: Adopting low noise technology and shock absorption design, the pump operates more stably and quietly.
- Easy to maintain: Modular design, easy to disassemble and reassemble, easy to maintain and maintain.
- Operation safety: With overvoltage, overcurrent, and undervoltage protection functions, it is safe and reliable.
- Multifunctional: It can be used for various water and liquid transportation such as household water, solar water supply, and circular heating.
- Small size: Small size, easy to install, and does not take up too much space.
- Adjustable: The output pressure can be adjusted at any time to meet the needs of different users.

Technical Parameters

Item	Parameter
Input voltage/current	DC24V / 3.0A
Power	High speed range: 70 W
	Medium speed range: 60 W
	Low speed range: 50 W
Head	High speed range: 18 m
	Medium speed range: 15 m
	Low speed range: 12 m
Flow rate	High speed range: 25 l/min
	Medium speed range: 22 l/min
	Low speed range: 20 l/min
Insulation level	E
Medium temperature	2 ~ 65 °C
Operating ambient temperature	0 ~ 65 °C
Operating environment humidity	45% ~ 90%
Using water resistant pressure	0.3 MPa
Max. water resistance pressure	0.45 MPa
Protection level	IP42
Weight	1.08 kg

Hydraulic Performance Curves



ZY-300X

Intelligent Permanent Magnet Variable Frequency Booster Pump



Private House



Application

The permanent magnet variable frequency constant pressure booster pump is a new type of water pump equipment with advantages such as high efficiency, energy-saving, silent operation, and self-protection. It is widely used in fields such as household water supply, community water supply, and aquaculture water circulation.

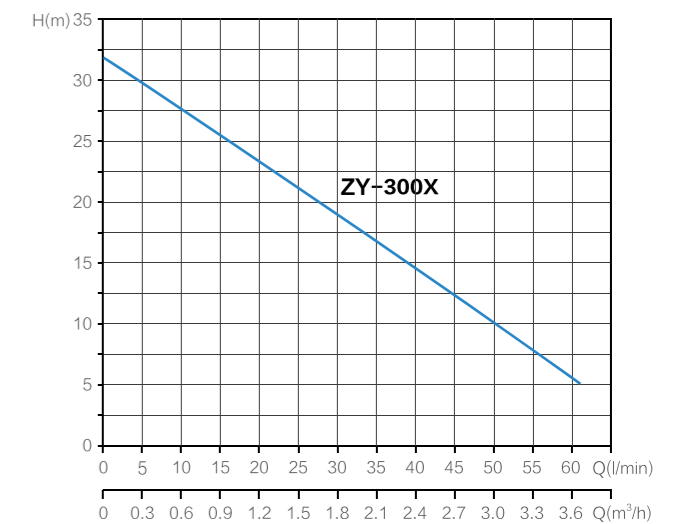
Feature

The intelligent permanent magnet variable frequency booster pump follows the LBX standard and is a new generation of variable frequency constant pressure water supply equipment mainly integrated with controllers, permanent magnet motors, electric pumps, pressure tanks, etc. The electric pump adopts a centrifugal impeller and guide vane structure, which has the advantages of large water flow rate, stable operation, and low noise. The electric pump has a beautiful appearance, compact structure, and convenient installation and operation. It automatically adjusts the operating frequency according to user needs to ensure constant pressure in the user pipeline network, making the system more efficient and energy-saving.

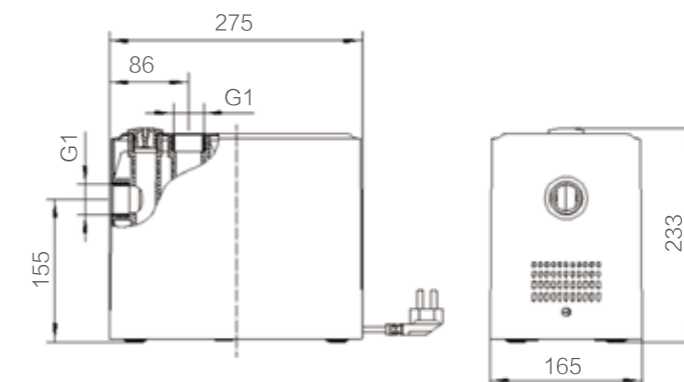
Technical Parameters

Item	Parameter
Rated voltage	220 V (± 12%)
Rated current	2.2 A (± 0.2)
Input power	330 W (± 10%)
Insulation level	F class
Max. head	32 m (± 10%)
Max. flow rate	3.6 m ³ /h (± 6%)
Max. suction lift	5 m
Medium temperature	2°C ~+60 °C
Operating ambient temperature	2°C ~+40 °C
Protection level	IPX4
Weight	4.6 kg

Hydraulic Performance Curves



Dimensional Drawing



ZN24-10A ZN24-12A

Household Faucet Booster Pump



Private House



Household Faucet Booster Pump

Application

- Sprinkler pressurization
- Water heater pressurization
- Boost the faucet pressure

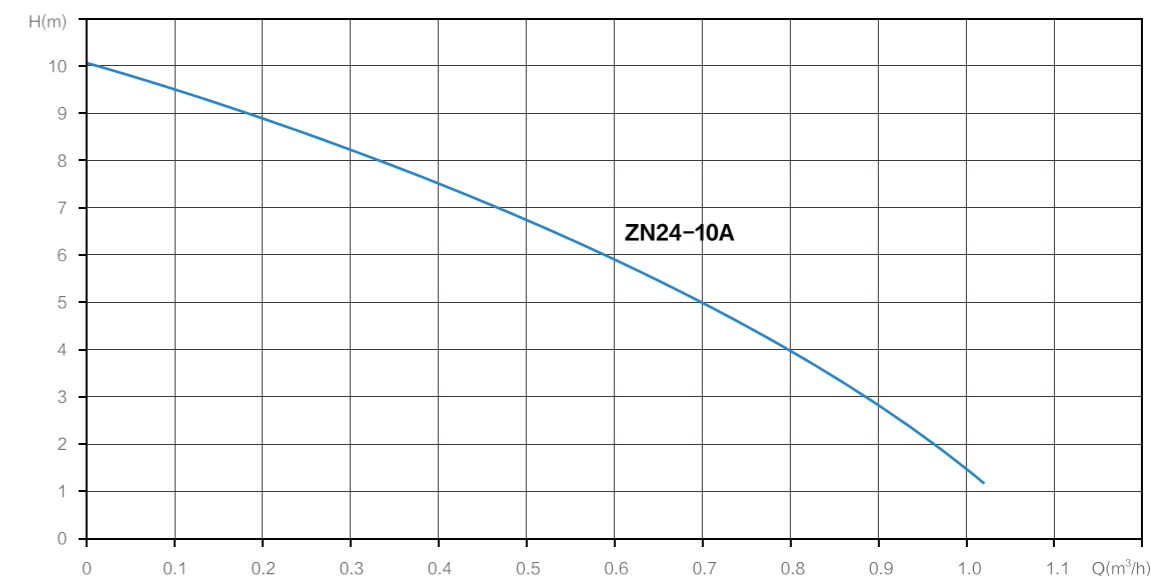
Feature

- Safe and convenient
- Lift up to 20m
- Double piston booster pump with strong boosting effect
- Mute noise reduction
- Small size, light weight, easy to install

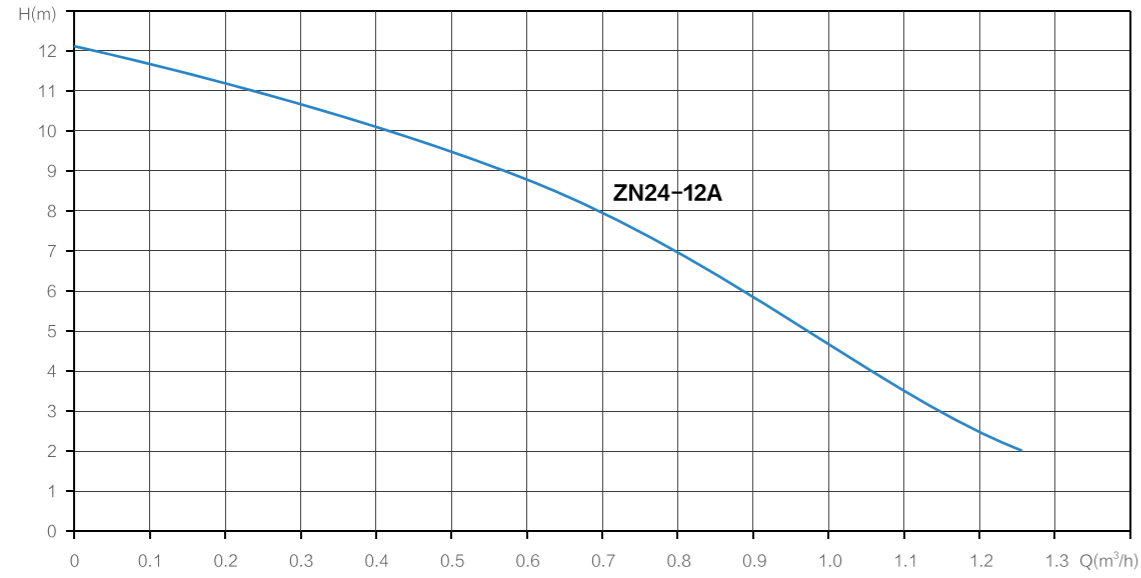
Technical Parameters

Item	ZN24-10A	ZN24-12A
Rated voltage	DC24V	DC24V
Load current	2.2±0.1 A	2.92±0.15 A
Rated power	50±4 W	70±4 W
Insulation level	E	E
Max. head	10 m	12 m
Max. flow rate	17 L/min	21 L/min
Medium temperature	2 ~ 65 °C	2~ 65°C
Operating ambient temperature	0 ~ 65 °C	0~ 65°C
Operating environment humidity	45% ~ 90%	45% ~ 90%
Using water resistant pressure	0.3 MPa	0.3 MPa
Max. water resistance pressure	0.45 MPa	0.45 MPa
Protection level	IP42	IP42
Weight	0.68 kg	0.68 kg

Hydraulic Performance Curves



Hydraulic Performance Curves



Dimensional Drawing

