

MHI Series

HORIZONTAL MULTI-STAGE STAINLESS STEEL PUMP

Stainless steel materials

High pressure by multi-stage impeller

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



MHI-BP Series



FREQUENCY CONVERSION MULTI-STAGE PUMP



Approved fluids	Clean water
Fluid temp(°C)	0-90
Casing	AISI304
Impeller	AISI304
Shaft	AISI304
Mechanical seal	120°C
Bearing	Customized high-temperature resistant grease (-50~200°C), high-speed silent bearings
Motor	National standard silicon steel sheet stator and rotor, F-class 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
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Electrical connection

Power source	220V/50Hz, 380V/50Hz										MHI-EH		MHI-QH				
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

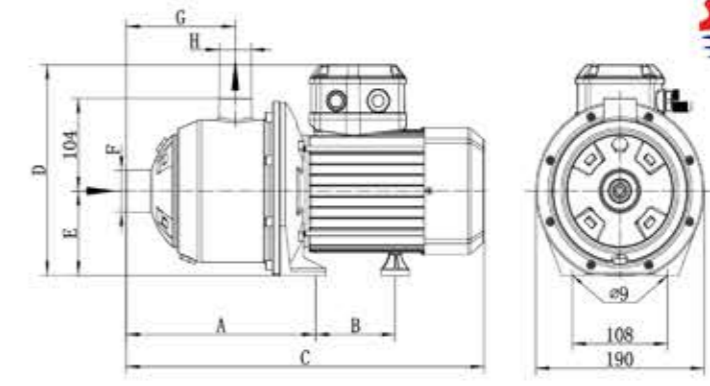
Approved Fluids	Clean water																
Fluid temp (°C)	0 ~ 90																

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(mm)	25	25	25	25	25	32	32	32	32	32	40	40	40	40	50	50	50
Outlet size(mm)	25	25	25	25	25	25	25	25	25	25	32	32	32	32	40	40	40
Max pressure(bar)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Protection class	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54

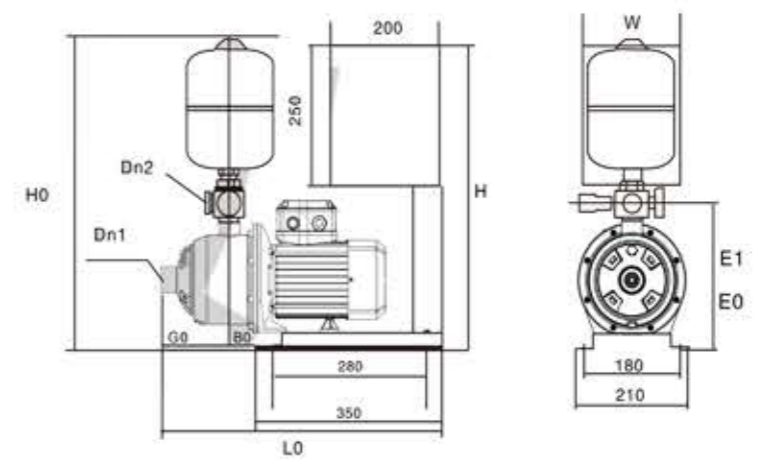
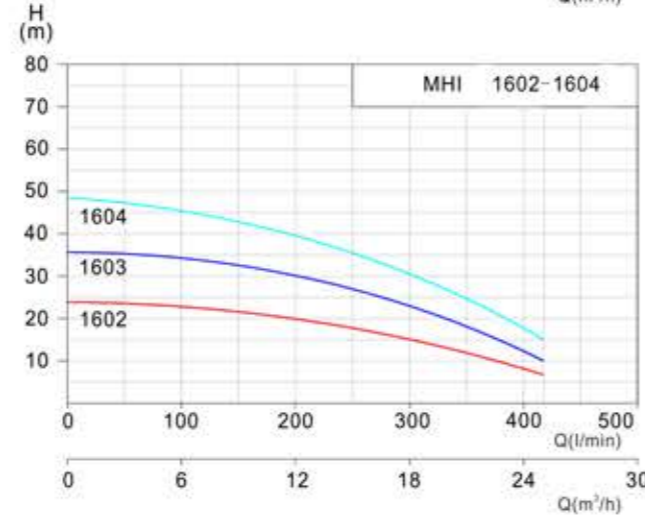
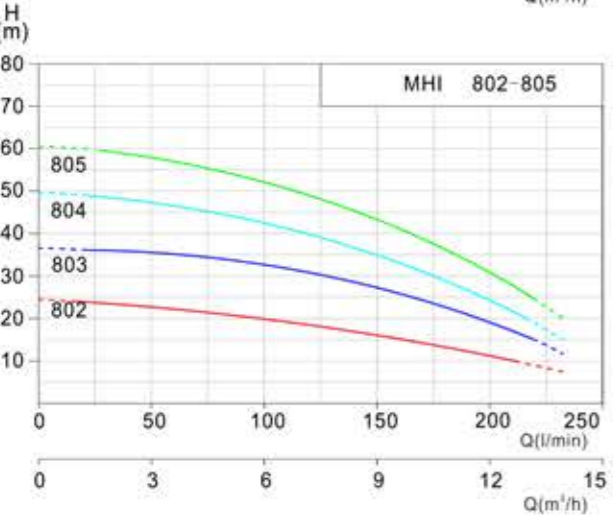
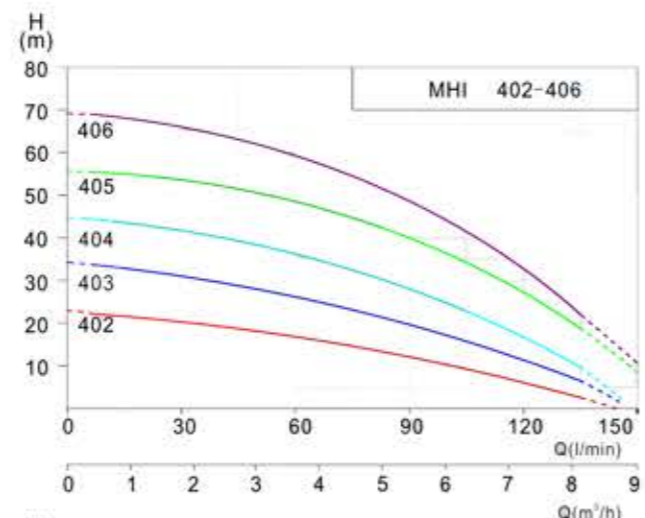
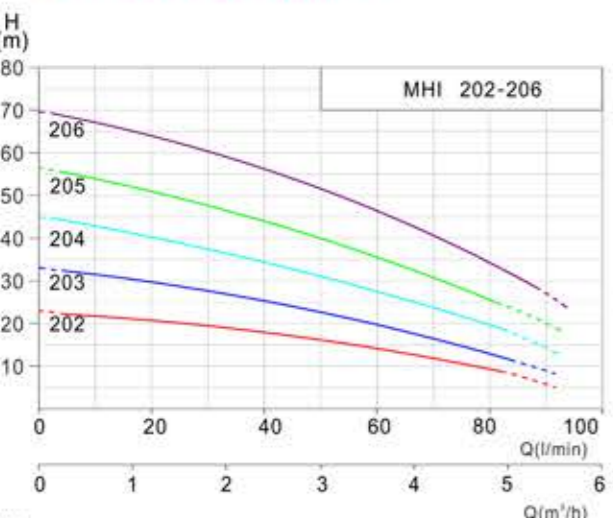
m³/h*16.667=L/min

Dimensional drawing



MODEL	MHI	B		C		D		E		F	G	H
		1~220V	3~380V	1~220V	3~380V	1~220V	3~380V	1~220V	3~380V			
202	205	70	70	377	377	206	225	90	90	Rp1	110	Rp1
203	205	88	70	418	377	206	225	90	90	Rp1	110	Rp1
204	229	88	88	418	418	206	225	90	90	Rp1	134	Rp1
205	253	88	88	442	442	206	225	90	90	Rp1	158	Rp1
206	277	88	88	474	466	206	225	90	90	Rp1	182	Rp1
402	205	70	70	377	377	206	225	90	90	Rp11/4	110	Rp1
403	205	88	88	418	418	206	225	90	90	Rp11/4	110	Rp1
404	229	88	88	442	442	206	225	90	90	Rp11/4	134	Rp1
405	253	88	88	474	474	206	225	90	90	Rp11/4	158	Rp1
406	277	106	88	498	498	232	225	90	90	Rp11/4	182	Rp1
802	217	88	88	406	406	206	225	90	90	Rp11/2	122	Rp11/4
803	217	88	88	436	444	206	225	90	90	Rp11/2	122	Rp11/4
804	247	106	88	450	474	232	225	90	90	Rp11/2	152	Rp11/4
805	277	-	106	-	480	-	237	-	90	Rp11/2	182	Rp11/4
1602	237	-	106	-	440	-	237	-	90	Rp2	138	Rp11/2
1603	237	-	106	-	440	-	237	-	90	Rp2	138	Rp11/2
1604	282	-	147	-	529	-	270	-	90	Rp2	138	Rp11/2

Performance curve



MODEL	Dn1	Dn2	E0	E1	G0	B0	L0	H0	H	W	Pressure setting(bar)
BF-MHI202	25	25	120	138	110	80	505	541	540	180	1.6
BF-MHI203	25	25	120	138	110	80	505	541	540	180	2.4
BF-MHI402	25	32	120	138	110	80	505	541	540	180	1.6
BF-MHI403	25	32	120	138	110	80	505	541	540	180	2.4
BF-MHI404	25	32	120	138	158	80	553	541	540	180	3.0
BF-MHI405	25	32	120	138	158	80	553	541	540	180	4.0
BF-MHI406	25	32	130	138	182	80	577	551	540	180	5.0
BF-MHI802	32	40	120	144	122	80	517	552	540	180	1.6
BF-MHI803	32	40	120	144	122	80	517	552	540	180	2.4
BF-MHI804	32	40	130	144	182	80	517	562	540	180	3.0
BF-MHI805	32	40	130	144	182	80	517	562	540	180	4.0
BF-MHI1602	40	50	120	154	138	84	537	562	540	180	1.6
BF-MHI1603	40	50	120	154	138	84	537	562	540	180	2.4
BF-MHI1604	40	50	130	154	183	84	582	572	590	210	3.0