



Heavy-duty ,Excellent Durability and Reliability- safeland quality

MH HMC SERIES
60HZ



MH 15 **Supply** | Horizontal surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.

Silent.

Self-priming up to 2m.

Materials

Pump body and impellers in AISI 304.

Pump shaft in AISI 431.

Diffusers in technopolymer.

Suction and discharge in cast iron with cataphoresis coating.

Mechanical seal.

Motor casing in aluminium.

O-rings in NBR/EPDM.

Equipment

No cable.

Motor

Asynchronous 2 poles.

IPX5 protection.

Class F insulation.

Single phase motor with built-in thermal protection.

Continuous operation.

Limitations

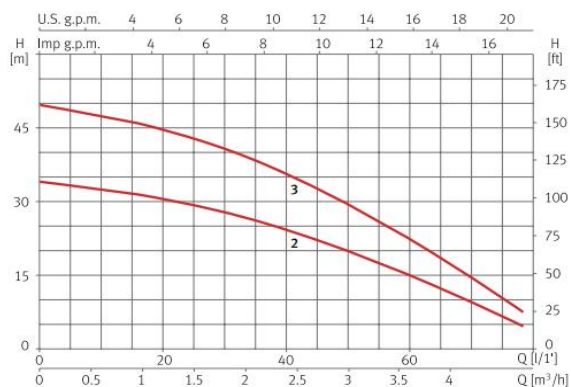
Maximum water temperature 40 °C.



Hydraulic performance table

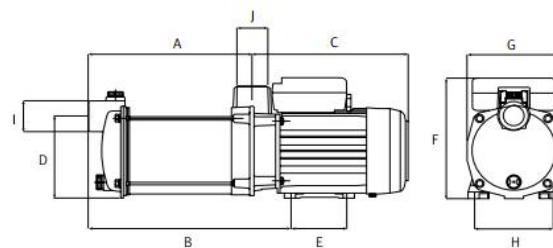
Model	I [A]				P1 [kW]		P2		c [μF]	l/min m³/h	20	30	50	60	70	Code		
	1~ 115V	1~ 220V	3~ 220V	3~ 380V	1~	3~	[kW]	[HP]			115V/220V	1.2	1.8	3	3.6	4.2	1~115V	1~220V
MH 15(2M)	5.8	3.2	-	-	0.65	-	0.37	0.5	30/12	mwc	31	27	20	15	9	99036	97133	-
MH 15(3M)	8.5	4.7	2.5	1.5	0.95	0.9	0.55	0.75	30/12		45	41	30	23	14	99041	97140	97137

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	Kg
MH 15(2M)	163	213	202	110	74	162	121	102	1"	1"	9.2
MH 15(3M)	187	237	202	110	74	162	121	102	1"	1"	10



MH 25 **Supply** | Horizontal surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.

Silent.

Self-priming up to 2m.

Materials

Pump body and impellers in AISI 304.

Pump shaft in AISI 431.

Diffusers in technopolymer.

Suction and discharge in cast iron with cataphoresis coating.

Mechanical seal.

Motor casing in aluminium.

O-rings in NBR/EPDM.

Equipment

No cable.

Motor

Asynchronous 2 poles.

IPX5 protection.

Class F insulation.

Single phase motor with built-in thermal protection.

Continuous operation.

Limitations

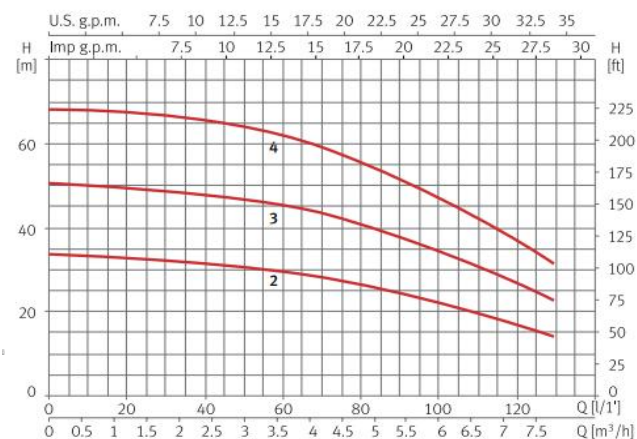
Maximum water temperature 40 °C.



Hydraulic performance table

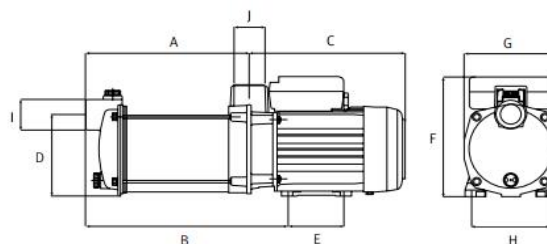
Model	I [A]				P1 [kW]		P2		C [μF] 115V/220V	I/min	20	60	80	100	120	Code		
	1~ 115V	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]		m³/h	1.2	3.6	4.8	6	7.2	1~115V	1~220V	3~220V/440V
MH 25(2M)	11.5	6	3.6	2	1.2	1.1	0.75	1	30/16	mwc	33	30	26	22	16	99053	97169	97166
MH 25(3M)	16.5	8.3	4.9	2.8	1.8	1.7	1.1	1.5	60/25		49	45	41	34	26	99056	97177	97174
MH 25(4M)	-	12	6.5	3.8	2.4	2.2	1.5	2	7/30		66	62	55	47	36	-	97187	97184

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	Kg
MH 25(2M)	176	226	218	127	82	185	138	118	1"	1"	13.5
MH 25(3M)	202	225	286	142	-	212	154	138	1"	1"	17.2
MH 25(4M)	229	252	286	142	-	212	154	138	1"	1"	20



MH 35 **Supply** | Horizontal surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.

Silent.

Self-priming up to 2m.

Materials

Pump body and impellers in AISI 304.

Pump shaft in AISI 431.

Diffusers in technopolymer.

Suction and discharge in cast iron with cataphoresis coating.

Mechanical seal.

Motor casing in aluminium.

O-rings in NBR/EPDM.

Equipment

Motor

Asynchronous 2 poles.

IPX5 protection.

Class F insulation.

Single phase motor with built-in thermal protection.

Continuous operation.

Limitations

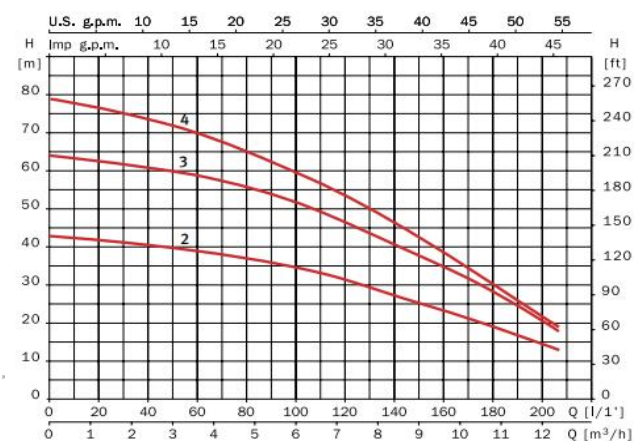
Maximum water temperature 40 °C.



Hydraulic performance table

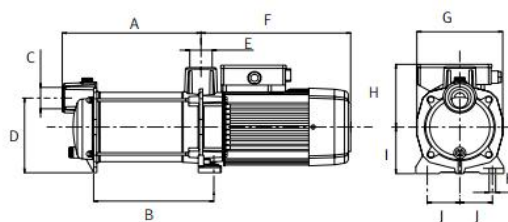
Model	I [A]			P1 [kW]		P2		c [μF]	l/min m³/h	20	60	100	140	180	Code	
	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]			1.2	3.6	6	8.4	10.8	1~220V	3~220V/440V
MH 35(2M)	8.1	5.2	2.9	1.8	1.7	1.1	1.5	25	mwc	42	39	35	27	19	132279	132278
MH 35(3M)	11.5	7.3	4.2	2.5	2.4	1.5	2	30		63	59	52	40	28	132281	132280
MH 35(4M)	-	9	5.2	-	3	2.2	3	-		76	70	60	46	30	-	132283

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
MH 35(2M)	205	163	1 1/4"	147	1 1/4"	282	158	125	90	60	12	20.1
MH 35(3M)	233	187	1 1/4"	147	1 1/4"	282	158	125	90	60	12	23.1
MH 35(4M)	247	212	1 1/4"	147	1 1/4"	282	158	125	90	60	12	23.3



HMC25 **Supply** | Vertical surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Oval counter flanges DIN 2558 and gaskets included.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations

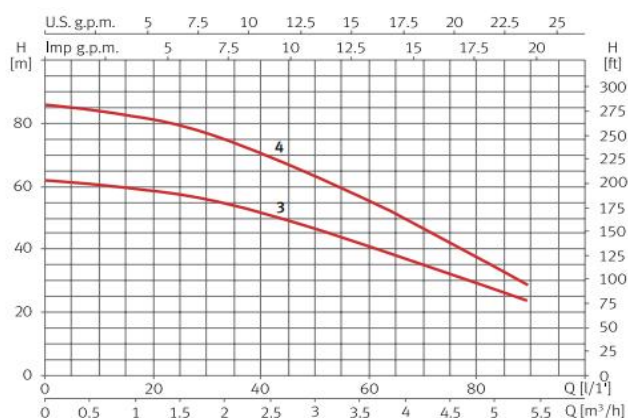
Maximum water temperature 40 °C.



Hydraulic performance table

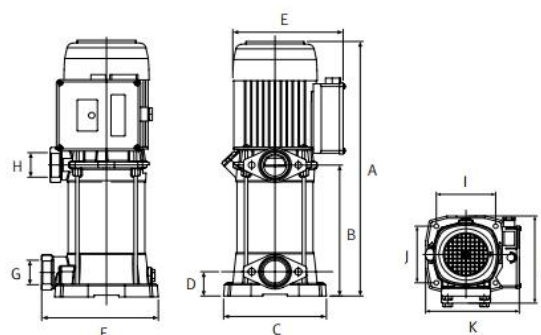
Model	I [A]				P1 [kW]		P2		c [μF]	l/min	10	20	40	60	80	Code		
	1~ 115V	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]			115V/220V	m³/h	0.6	1.2	2.4	3.6	4.8	1~115V
HMC25(3M)	12.5	7.1	4.1	2.4	1.5	1.4	0.9	1.2	30/16	mwc	60	59	51	40	29	146719	146575	146574
HMC25(4M)	-	8.6	5.2	3	1.9	1.8	1.1	1.5	7/25		84	81	70	55	37	-	146576	146579

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
HMC25(3M)	398	194	170	42	182	191	1 1/4"	1 1/4"	125	197	193	125	16.2
HMC25(4M)	422	205	170	42	182	191	1 1/4"	1 1/4"	125	197	193	125	17.3



HMC 35 Supply | Vertical surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.

Diffusers in technopolymer.

Suction and discharge in cast iron.
Mechanical seal.

Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.

Oval counter flanges DIN 2558 and gaskets included.

Motor

Asynchronous 2 poles.

IPX5 protection.

Class F insulation.

Single phase motor with built-in thermal protection.

Continuous operation.

Limitations

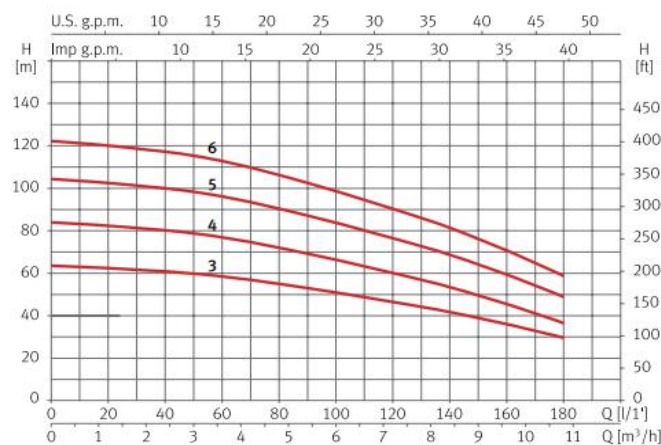
Maximum water temperature 40 °C.



Hydraulic performance table

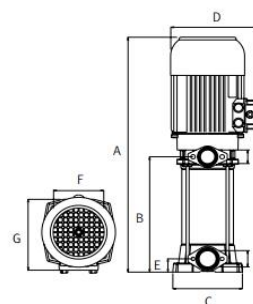
Model	I [A]			P1 [kW]		P2 [kW] [HP]		c [μF] 220V	I/min	20	60	80	120	160	Code	
	1~ 220V	3~ 220V	3~ 440V	1~	3~	[kW]	[HP]		m³/h	1.2	3.6	4.8	7.2	9.6	1~220V	3~220V/440V
HMC35(3M)	11.5	7.3	4.2	2.5	2.4	1.5	2	-	mwc	62	59	56	48	36	132321	132324
HMC35(4M)	-	10.2	6.3	-	3.2	2.2	3	-		82	78	71	60	46	-	132325
HMC35(5M)	-	13	7.5	-	4.1	3	4	-		102	97	90	78	60	-	132326
HMC35(6M)	-	14.7	8.5	-	4.8	4	5.5	-		120	112	108	90	70	-	132327

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
HMC35(3M)	487	202	184	203	37	133	201	1½"	1¼"	24.5
HMC35(4M)	561	226	184	203	37	133	201	1½"	1¼"	31
HMC35(5M)	585	251	184	203	37	133	201	1½"	1¼"	36.4
HMC35(6M)	610	275	184	203	37	133	201	1½"	1¼"	36.8



HMC 45 **Supply** | Vertical surface

Centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.

Materials

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.

Diffusers in technopolymer.

Suction and discharge in cast iron.
Mechanical seal.

Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.

Oval counter flanges DIN 2558 and gaskets included.

Motor

Asynchronous 2 poles.

IPX5 protection.

Class F insulation.

Single phase motor with built-in thermal protection.

Continuous operation.

Limitations

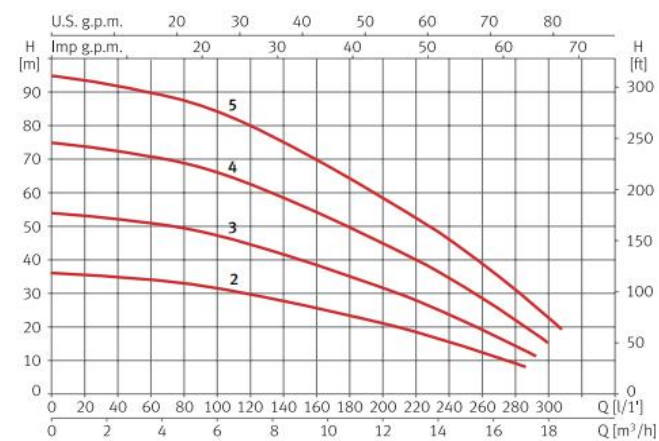
Maximum water temperature 40 °C.



Hydraulic performance table

Model	I [A]			P1 [kW]		P2		C [μF]	I/min	60	120	160	200	260	Code	
	1~220V	3~220V	3~440V	1~	3~	[kW]	[HP]		m³/h	3.6	7.2	9.6	12	15.6	1~220V	3~220V/440V
HMC45(2M)	9.2	5.9	3.4	2	1.9	1.5	2	25	mwc	35	30	26	21	13	134267	134269
HMC45(3M)	-	8.3	4.8	-	2.8	2.2	3	-		51	45	39	31	20	-	134270
HMC45(4M)	-	11.2	6.5	-	3.9	3	4	-		70	63	55	45	29	-	134271
HMC45(5M)	-	15.4	8.9	-	5	4	5.5	-		90	80	70	58	39	-	134272

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
HMC45(2M)	476	190	184	203	37	133	201	11/2"	11/4"	23.4
HMC45(3M)	537	221	184	203	37	133	201	11/2"	11/4"	25.8
HMC45(4M)	585	250	184	203	37	133	201	11/2"	11/4"	31.2
HMC45(5M)	616	281	184	203	37	133	201	11/2"	11/4"	36.7

