



Heavy-duty ,Excellent Durability and Reliability- safeland
quality

MH HMC SERIES
50HZ



MH 15

Material

- 1.Pump body & impeller:AISI304
- 2.Motor shaft:AISI420
- 3.Diffusor:fiberglass plastic
- 4.Discharge mouting:GG20 foriable cast iron
- 5.Mechanical seal:ceramic&alumina

Motor:Protection:Ip54

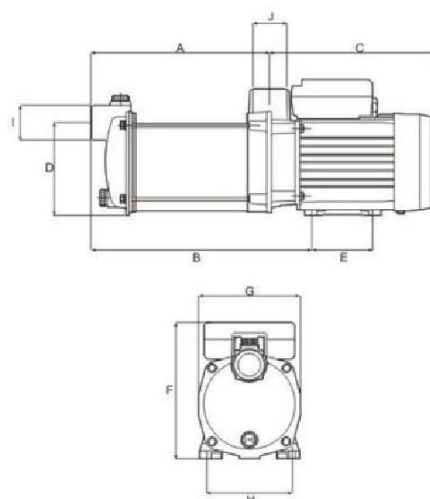
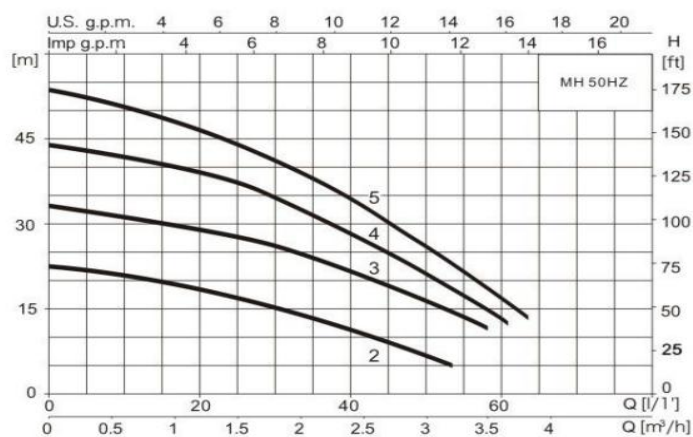
Insulation:class F

Continuous operation

Single phase verion built-in thermal protection



	A	B	C	D	E	F	G	H	I	J	Kg
MH 15(3M)	187	237	202	110	74	162	121	102	1	1	9.2
MH 15(4M)	211	261	202	110	74	162	121	102	1	1	10
MH 15(5M)	235	285	202	110	74	162	121	102	1	1	11



Technical Data 2900 r/min 50HZ 1" inlet/outlet

Model	Power		Volt.	l/min	5	10	20	30	35	40	50	60
	HP	KW	V	m³/h	0.3	0.6	1.2	1.8	2.1	2.4	3	3.6
MH 15(2M)	0.5	0.37	220V/50HZ	H meters	22	21	19	15	13	11	6	
MH 15(3M)	0.75	0.55			33	32	30	26	24	22	17	
MH 15(4M)	1	0.7			44	43	39	35	32	27	21.5	
MH 15(5M)	1.5	1.1			53	51	47	42	38	34	25	

MH 25

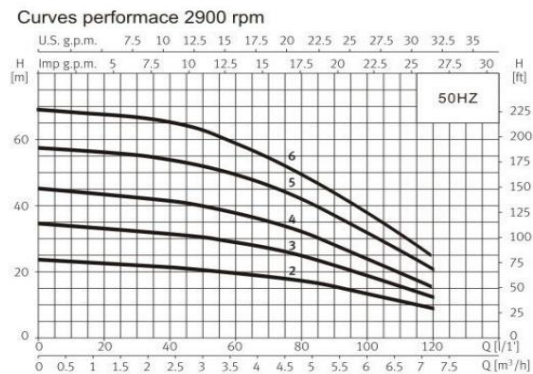
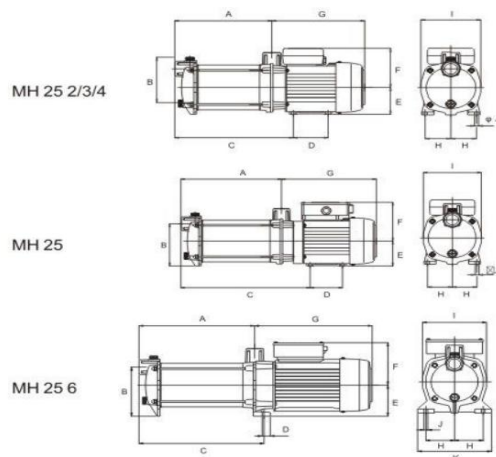
Material

- 1.Pump body & impeller:AISI304 SS
- 2.Motor shaft:AISI420Ss
- 3.Diffusor:fiberglass plastic
- 4.Discharge mouting:G20 foriabile cast iron
- 5.Mechanical seal:ceramic&alumina

Motor:Protection:lp54
 Insulation:class F
 Continuous operation
 Single phase verion built-in thermal protection



	A	B	C	D	E	F	G	H	I	J	K	Kg
MH 25 2	175.5	127	226	82	75	109.5	218	59	138	8		12.5
MH 25 3	202.0	127	252.5	82	75	109.5	218	59	138	8		13.5
MH 25 4	228.5	127	279	82	75	109.5	218	59	138	8		14.6
MH 25 5	255	127	328	82	75	109.5	240.5	59	138	8		17.2
MH 25 6	281	142	304	20	89.5	122	286	69	154	10	178	20



Curves andPerformance 2900 r.p.m.1" inlet/outlet

Model	P1(kw)		A			P2		μF	l/min	15	30	45	60	75	90	105	120
	1~	3~	1~	3~		KW	HP			m³/h	0.9	1.8	2.7	3.6	4.5	5.4	6.3
			230V	230V	400V												
MH 25(2M)	0.9		4.3			0.55	0.75	16	mca	22	21	20.5	19	17	15	12	8
MH 25(3M)	1.2	1	5.5	3.5	2	0.75	1	16		36	34	32.5	28	25	20	16	13
MH 25(4M)	1.5	1.4	6.8	4.3	2.5	0.92	1.25	16		47	46	43	38	33	27	22	17
MH 25(5M)	1.7	1.7	7.4	5.2	3	1.1	1.5	25		58	57	54	48	42	34	27	20
MH 25(6M)	2.2	2	9.8	6.7	3.9	1.5	2	30		72	68	65	58	50	40	32	24

MH 35

Aplicaciones

For domestic and industrial supplies.
Irrigation and hydropneumatic sets.

Materiales

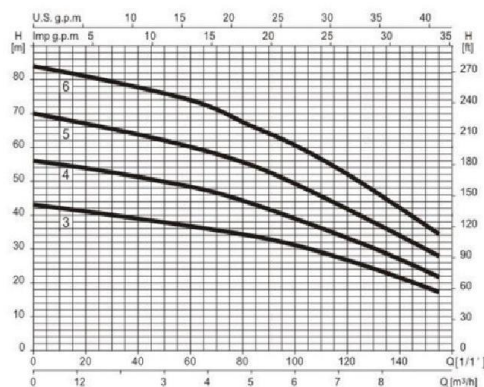
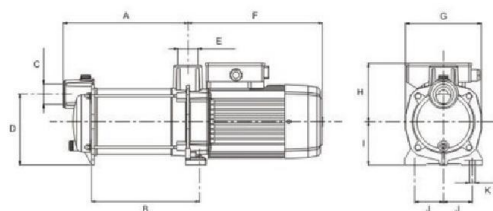
Pump body and impellers stainless steel AISI-304
Motor shaft in stainless steel AISI-420.
Diffusers in Tecopolimer.
Suction and discharge mountings in cast iron.
Mechanical seal in graphite and alumine.
O'rings in EPDM and NBR.
Motor housing in aluminium L-2521.

Motor

Asynchronous, two polos.
IP44 protection.
class F insulation.
Continuous operation.



	A	B	C	D	E	F	G	H	I	J	K	Kg
MH 35 3N	221.1	187.3	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	18.5/18.2
MH 35 4N	246.6	211.8	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	20.5/18.6
MH 35 5N	271.1	236.3	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	23.5/20.6
MH 35 6N	295.6	260.8	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	23.7



Curves and Performance 2900r.p.m. 1 1/4" inlet/outlet

230V 50Hz	230V/400V 50Hz	A		P1(kW)		KW	HP	μF	l/min	20	40	60	80	100	120	140	150
		1~ 230V	3~ 230V	1~	3~				m³/h	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.0
MH35(3M)	MH35(3M)	6.7	4.5	1.5	1.4	0.8	1	25	mca	41	39	36	34	31	27	22	18
MH35(4M)	MH35(4M)	8.4	5.3	1.8	1.8	1.1	1.5	25		54	51	48	44	39	33	27	23
MH35(5M)	MH35(5M)	10.2	6.9	2.3	2.2	1.5	2	30		68	64	60	55	49	4	34	30
	MH35(6M)	-	8.3	-	2.7	2.2	3	-		81	78	74	67	60	52	12	37

HMC 25

Material

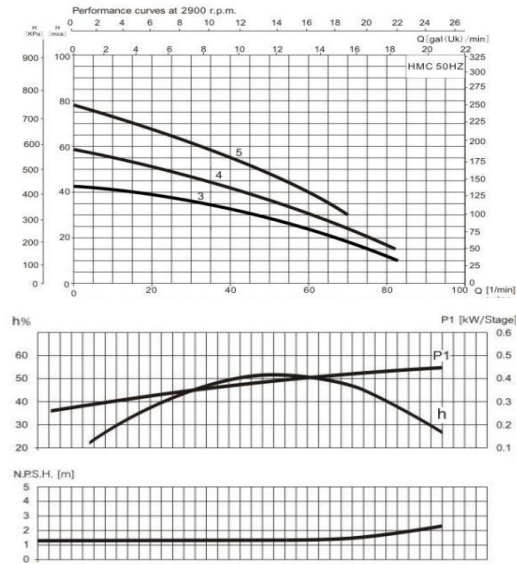
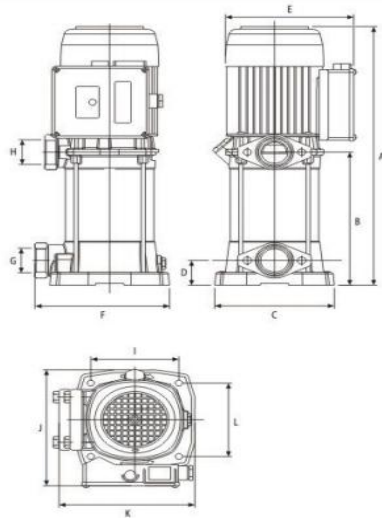
- 1.Pump body & impeller:AISI304 SS
- 2.Motor shaft:AISI420 SS
- 3.Diffusor:fiberglass plastic
- 4.Suction and discharge mouting in cast iron
- 5.Mechanical seal:ceramic&alumina

Motor:Protection:IP44

Insulation:class F

Continuous operation

Single phase verion built-in thermal protection



	A	B	C	D	E	F	G	H	I	J	K	L	Kg
HMC 25(3M)	398	194	170	42	182	191	1 1/4"	1 1/4"	125	197	193	125	16.2
HMC 25(4M)	422	205	170	42	182	191	1 1/4"	1 1/4"	125	197	193	125	17.3
HMC 25(5M)	441	226	170	42	182	191	1 1/4"	1 1/4"	125	197	193	125	17.9

Technical Data 2900 r/min 50HZ

230V 50Hz	230/400V 50Hz	A			P1(KW)		KW	HP	UF	1/min	8	17	25	33	42	58	75	92
		1~ 230V	3~ 230V 400V		1~	3~				m³/h	0.5	1	1.5	2	2.5	3.5	4.5	5.5
HMC 25(3M)	HMC 25(3M)	4.5	3.2	1.9	1.0	0.9	0.55	0.75	16		38.2	38	35.7	33.5	31	25	17	7.2
HMC 25(4M)	HMC 25(4M)	5.8	3.9	2.3	1.2	1.1	0.75	1	16		52.7	51	48.2	45.8	42	33	22	9
HMC 25(5M)	HMC 25(5M)	6.4	4.2	2.5	1.4	1.3	0.9	1.25	16		66.5	64	61.2	57.5	52.5	41	27	12

HMC 35

Material

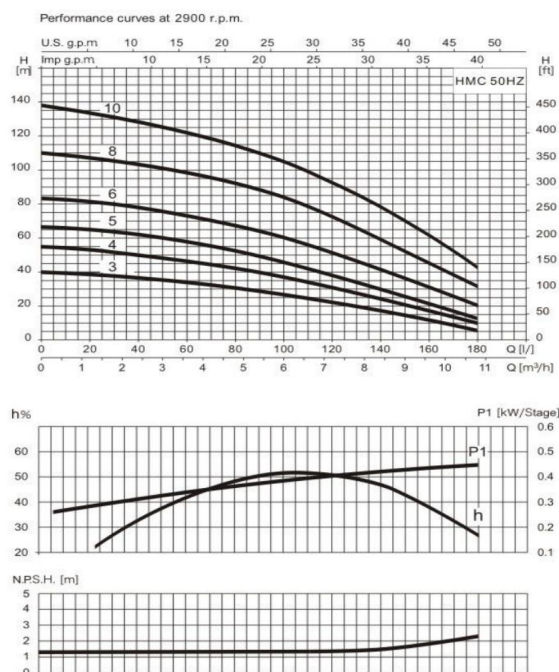
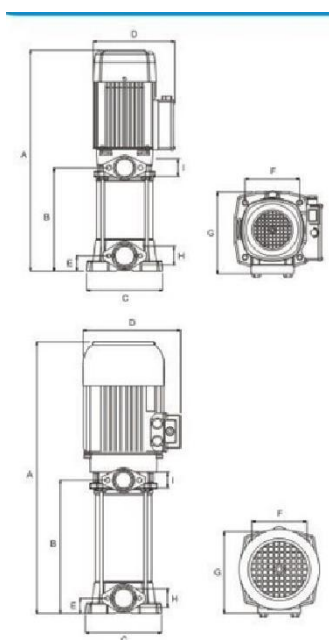
1. Pump body & impeller: AISI304 sS
2. Motor shaft: AISI420 SS
3. Diffusor: fiberglass plastic
4. Suction and discharge mouting in cast iron
5. Mechanical seal: ceramic & alumina

Motor: Protection: IP44

Insulation: class F

Continuous operation

Single phase verion built-in thermal protection



	A	B	C	D	E	F	G	H	I	Kg
HMC 35 (3M)	487	201.5	184	203	37	133	201	1 ½	1 ¼	20.2/20
HMC 35 (4M)	511.5	226	184	203	37	133	201	1 ½	1 ¼	22.4/20.4
HMC 35 (5M)	536	250.5	184	203	37	133	201	1 ½	1 ¼	25.1/22.7
HMC 35 (6M)	561	275	184	203	37	133	201	1 ½	1 ¼	25.7
HMC 35 (8M)	657.5	323	184	233	37	133	201	1 ½	1 ¼	32.6
HMC 35 (10M)	707.5	373	184	233	37	133	201	1 ½	1 ¼	39.4

Technical Data 2900 r/min 50HZ

Model	Power		Volt.	l/min	20	40	60	90	120	140	160	180
	HP	KW	V	m³/h	1.2	2.4	3.6	5.4	7.2	8.4	9.6	10.8
HMC 35 (3M)	1	0.75	220V/50HZ	H meters	38	37	35	31	23	18	13	
HMC 35 (4M)	1.5	1.1			52	49	47	40	31	27	17	
HMC 35 (5M)	2	1.5			65	62	60	52	39	32	23	
HMC 35 (6M)	3	2.2			81	77	74	65	50	41	30	
HMC 35 (8M)	4	3			106	103	99	90	74	64	50	37
HMC 35 (10M)	5.5	4			135	131	128	113	95	80	62	41