SELF-PRIMING JET PUMPS

M SERIES

INSTALLATION AND APPLICATIONS

These pumps are suitable for pumping clean water and fluids which are not chemically aggressive to pump components.
They are extremely reliable, economical and simple to use, being particularly suitable for domestic applications such as the automatic distribution of water from small and medium-size tanks, watering gardens, etc.
These pumps should be installed in a covered area. protected against the weather.

OPERATING LIMITS

Suction lift up to 9 m
Fluid temperature up to + 50℃
Maximum ambient temperature +40℃

PERFORMANCE

The wide range of pump in the M series satisfied the most varied requirements with features such as:
- high heads with respect to power required.
-flat operating and power absorption curves, giving moderate curve variations with respect to large variations in delivery demand.
-high tolerance of the presence of entrained air in the fluid to be pumped.
-suction capacity up to 9 meters

PERFORMANCE RANGE

Flow rate up to 60 l/min (3.6 m^3/h)
Dynamic head up to 48m

WARRANTY: 1 YEARS

(according to our general sales conditions).

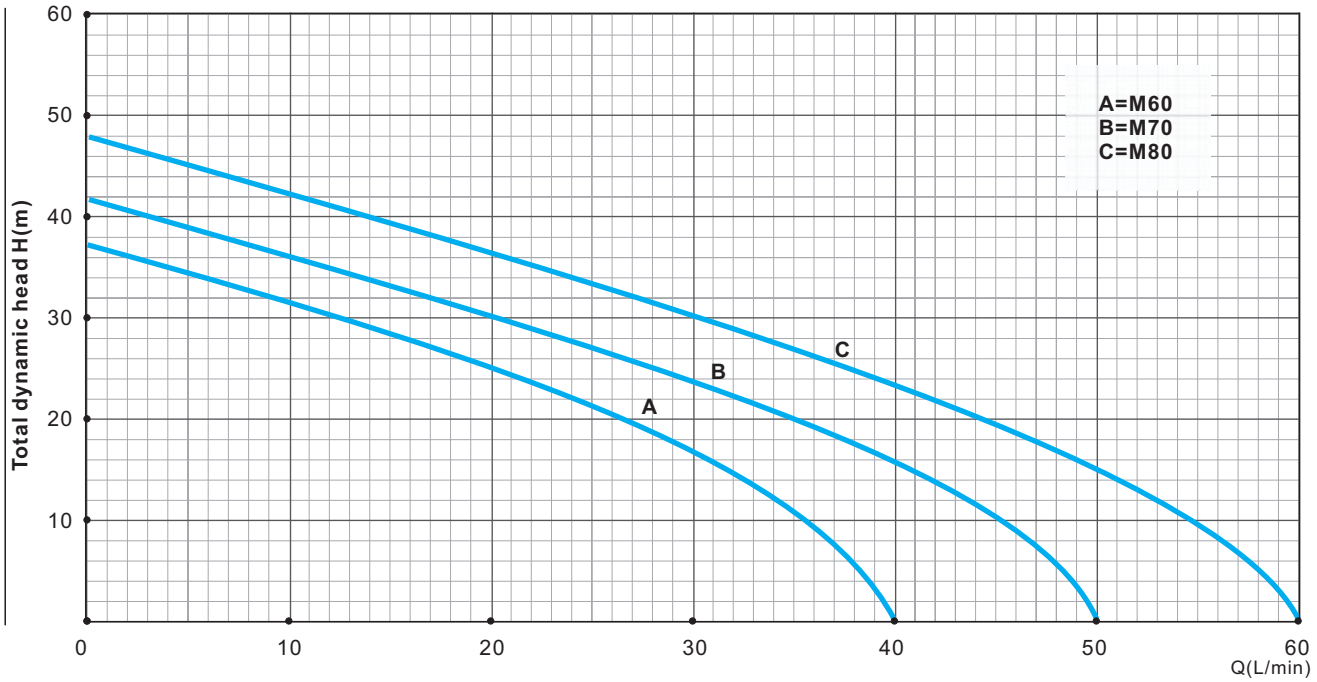
STRUCTURAL CHARACTERISTICS

PUMP BODY	Cast iron
FRONT COVER	Cast iron
EJECTOR UNIT	Techno Polymer (approved For Drinking Water)
IMPELLER	Centrifugal Radial Flow In Brass Or Technopolymer (approved For Drinking Water) on Request.
MECHANICAL SEAL	Ceramic and graphite

MOTOR:
The Pumps Are Coupled Directly To An Asynchronous, High Efficient SILVER ELEPHANT Induction Motor Of Suitable Size, which Is Quiet Running, Closed And Extremely Ventilated, Suitable For Continuous Duty. Insulation Class B.
The thermal cutout relay (motor protector) is incorporated in single phase motors.
Three phase motors require an adequate external motor protector, with connections according to current standards.

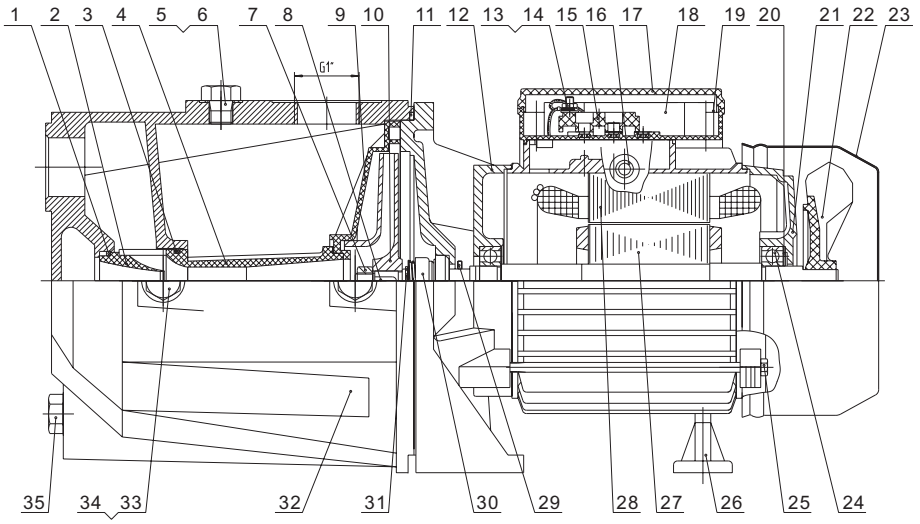
INSULATION	Class B
PROTECTION	IP44

CONSTRUCTION AND SAFETY STANDARDS in compliance with IEC.



TECHNICAL DATA

Type	Power HP	Power kW	Ampere 1~220V	R.P.M	Q.Max (l/min)	H.Max (m)	S.Head (M)	Pipe Dia	L×W×H (mm)	N.W (Kg)
M60	0.5	0.37	3	2850	40	38	9	1"X1"	480X210X220	14.1
M70	0.75	0.55	3.6	2850	50	42	9	1"X1"	480X210X220	14.5
M80	1	0.75	4.8	2850	60	48	9	1"X1"	480X210X220	16.2



MATERIAL DATA

Item	Description.	Material	Item	Description.	Material	Item	Description.	Material	Item	Description.	Material	Item	Description.	Material
1	O ring	NBR	8	Key	SS420	15	Terminal block	ABS	22	Fan	ABS	29	Drops guard	NBR
2	Nozzle	Noryl	9	Diffuser	Noryl	16	Fairlead	NBR	23	Fan cover	A3	30	M. Seal	SS304&NBR
3	O ring	NBR	10	Impeller	Noryl	17	Terminal box	ABS	24	Bearing		31	Snap ring	SS420
4	Venturi tube	Noryl	11	O ring	NBR	18	Capacitor	CBB60	25	Screw	Steel-A3	32	Pump Body	C.I.-HT200
5	Priming plug	Brass H59	12	Front cover	C.I.-HT200	19	Screw	Steel-A3	26	Foot		33	Washer	NBR
6	Washer	NBR	13	Terminal cover	ABS	20	Spring ring	65Mn	27	Rotor		34	Switch plug	Brass H59
7	Nut	45#	14	Washer	SS420	21	End cover	AL-ZL102	28	Stator		35	Drain plug	H59