CAM SERIES

SELF-PRIMING JET PUMPS

CAM 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 CAM 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 100 l/min(6.0 m^3/h)
Dynamic head up to 65m

WARRANTY: 1 YEARS

(according to our general sales conditions).

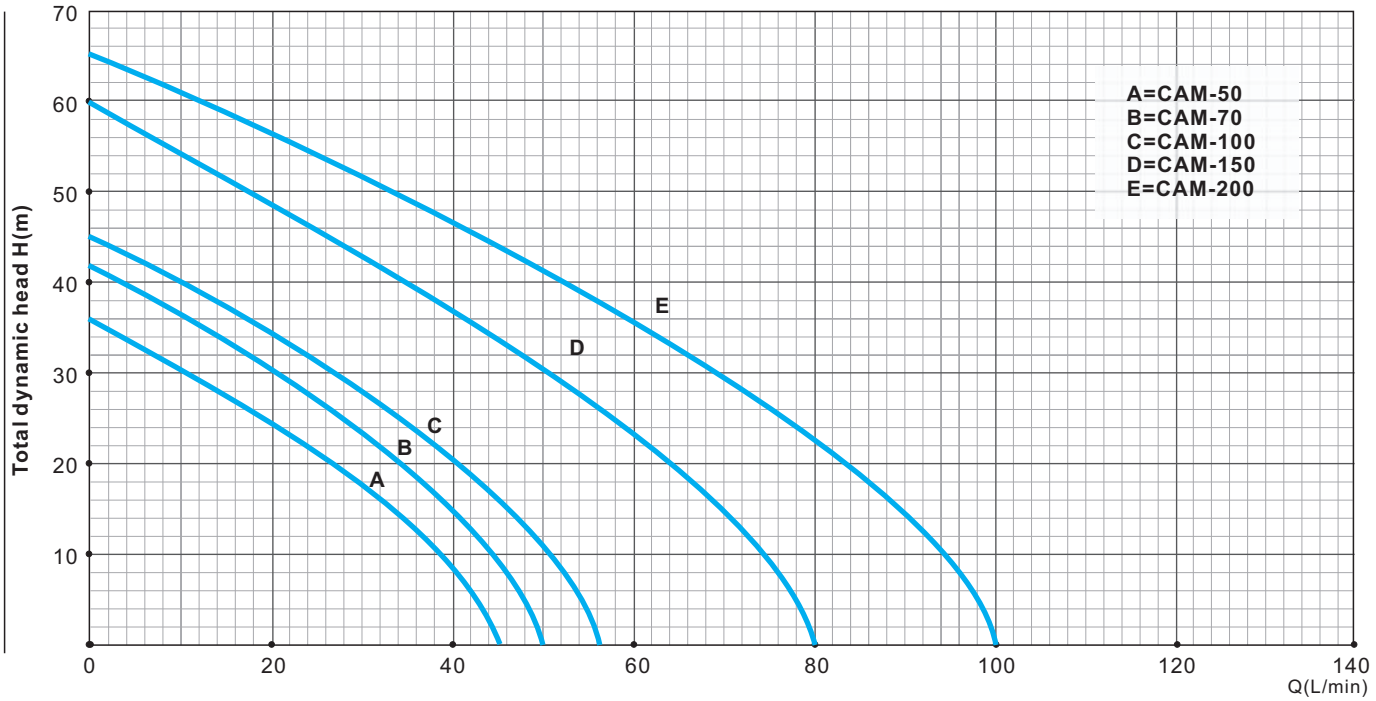
STRUCTURAL CHARACTERISTICS

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.

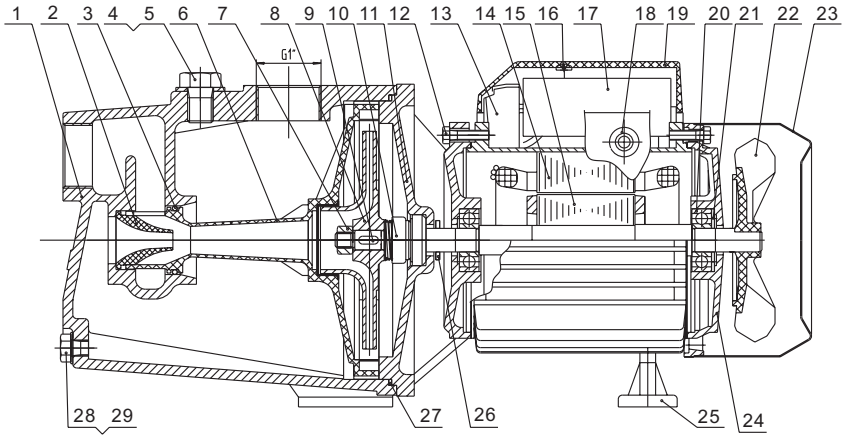
INSULATION	Class B
PROTECTION	IP44

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)
CAM-50	0.5	0.37	3.0	2850	45	36	9	1"X1"	460X210X230	14.1
CAM-70	0.75	0.55	3.6	2850	50	42	9	1"X1"	460X210X230	14.5
CAM-100	1	0.75	4.8	2850	56	45	9	1"X1"	460X210X230	16.5
CAM-150	1.5	1.1	6	2850	80	60	9	1¼"X1"	530X240X260	24.5
CAM-200	2	1.5	8.2	2850	100	65	9	1¼"X1"	530X240X260	26



MATERIAL DATA

Item	Description.	Material	Item	Description.	Material	Item	Description.	Material	Item	Description.	Material	Item	Description.	Material
1	Pump Body	C.I.-HT200	7	Nut	A3	13	Terminal block	ABS	19	Terminal cover	ABS	25	Bottom foot	
2	Nozzle	Noryl	8	Impeller	Brass H59	14	Stator		20	Bearing		26	Drops guard	NBR
3	O ring	NBR	9	Key	SS420	15	Rotor		21	Spring ring	65Mn	27	O ring	NBR
4	Priming plug	Brass H59	10	M. Seal	SS304&NBR...	16	Screw	Steel-A3	22	Fan	ABS	28	G1/4" plug	Brass H59
5	Washer	NBR	11	Front cover	C.I.-HT200	17	Capacitor	CBB60	23	Fan cover	A3	29	Washer	NBR
6	Venturi	NORYL	12	Screw	Steel-A3	18	Fairlead	NBR	24	End cover	AL-ZL102			