



SELF-PRIMING JET PUMPS

JET 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°C
 Maximum ambient temperature +40°C

PERFORMANCE

The wide range of pump in the JET 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 90 l/min (5.4 M³/H)
 Dynamic head up to 62m

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.

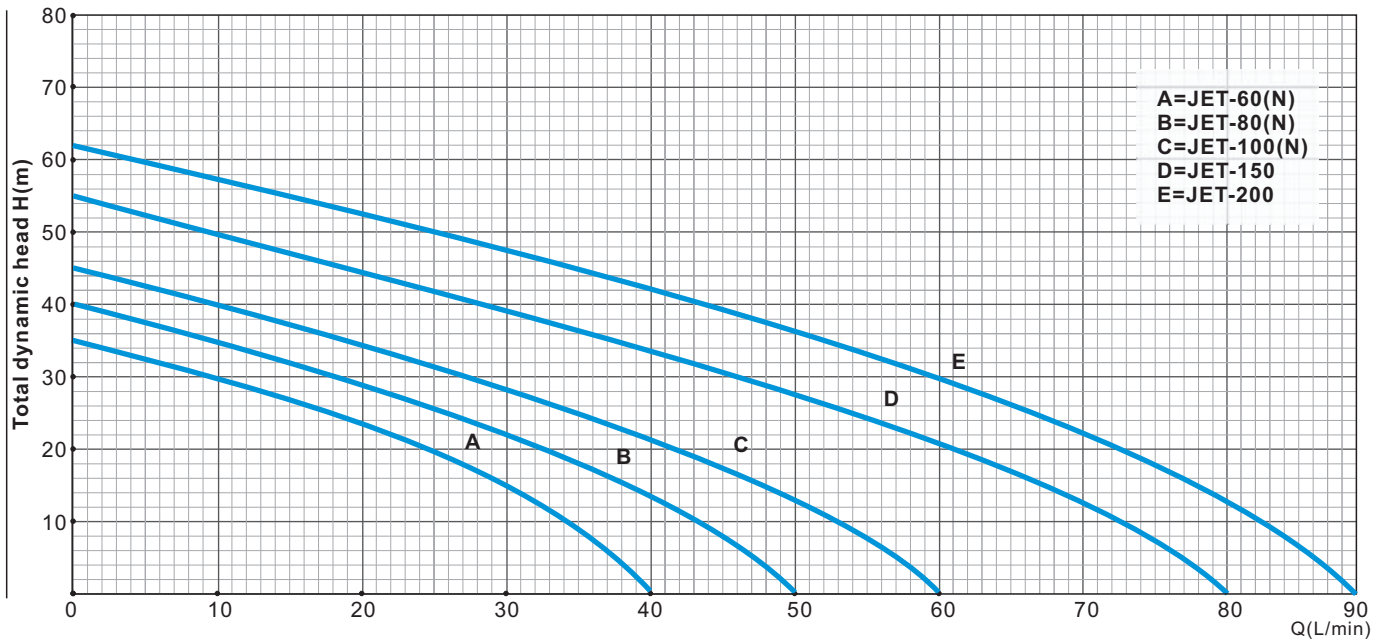
The thermal cutout relay (motor protector) is incorporated in single phase motors.

Three phase motors require an adequate external motor protector, with connections according to current standards.

INSULATION Class B

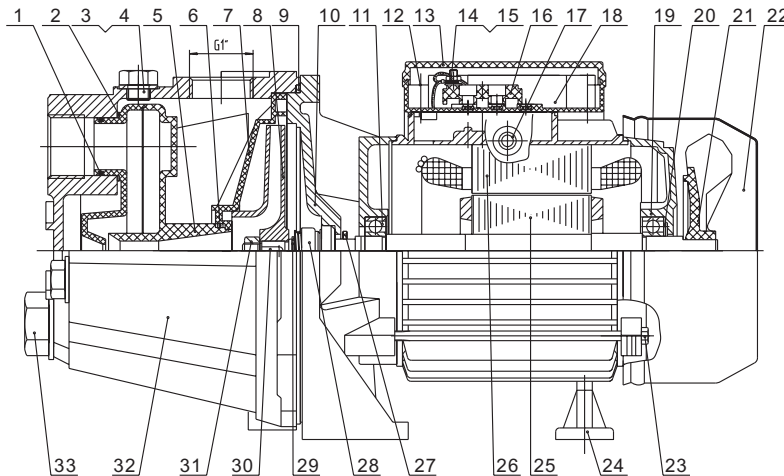
PROTECTION IP44

CONSTRUCTION AND SAFETY STANDARDS in compliance with IEC.



TECHNICAL DATA

Type	Power HP 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)
JET-60(N)	0.5 0.37	3	2850	40	35	9	1"X1"	410X210X220	13.0
JET-80(N)	0.75 0.55	3.6	2850	50	40	9	1"X1"	410X210X220	13.5
JET-100(N)	1 0.75	4.8	2850	60	45	9	1"X1"	410X210X220	14.1
JET-150	1.5 1.1	6	2850	80	55	9	1¼"X1"	490X240X240	19.2
JET-200	2 1.5	8.2	2850	90	62	9	1¼"X1"	490X240X240	21



MATERIAL DATA

Item	Description.	Material	Item	Description.	Material	Item	Description.	Material	Item	Description.	Material	Item	Description.	Material
1	O ring	NBR	8	Impeller	NORYL	15	Screw	Steel-A3	22	Fan cover	A3	29	Snap ring	SS420
2	Washer	NBR	9	O ring		16	Terminal block	ABS	23	Screw	A3	30	Key	SS420
3	Priming Plug	Brass H59	10	Front cover	C.I.-HT200	17	Fairlead	NBR	24	Bottom foot		31	Nut	A3
4	Washer		11	Bearing		18	Capacitor	CBB60	25	Rotor		32	Pump Body	C.I.-HT200
5	Venturi	NORYL	12	Screw	Steel-A3	19	End cover	AL-ZL102	26	Stator		33	Plug G1/4"	H59
6	O ring		13	Terminal cover	ABS	20	Spring ring	65Mn	27	Drops guard	NBR			
7	Diffuser	NORYL	14	Washer	T2	21	Fan	ABS	28	M. Seal	SS304&NBR...			