



CP SERIES
 CE TUV GS

CENTRIFUGAL PUMPS

CP SERIES

INSTALLATION AND APPLICATIONS

These pumps are suitable for pumping clean water and fluids which are not chemically aggressive to the pump components. They are extremely reliable, simple to use, quiet and virtually maintenance-free, finding many uses in domestic and civil applications, and in particular the automatic distribution of water from small and medium-size surge tanks, transferring water, watering gardens, etc.

These pumps should be installed in a covered area, protected against the weather.

OPERATING LIMITS

- Suction lift up to 7 m
- Fluid temperature up to + 80°C
- Maximum ambient temperature +40°C

PERFORMANCE

The range of pumps making up the CP series is particularly varied: however when developing the single units, care was taken to aim at standardizing the following features within the series:

- Ample and stable characteristic curves
- Outputs having good absolute values and tendentially flat curves:
- Flat absorption curves at high delivery rates, preventing motor overloading even during prolonged use:
- Good suction capacities both at low and high delivery rates

PERFORMANCE RANGE

- Flow rate up to 550 l/min (33 m³/h)
- Dynamic head up to 20m

WARRANTY: 1 YEARS

(according to our general sales conditions).

STRUCTURAL CHARACTERISTICS

PUMP BODY	Cast iron
MOTOR BRACKET	Cast iron
IMPELLER	Brass , centrifugal radial flow type(technopolymer impeller on request)
MECHANICAL SEAL	Ceramic and graphite

MOTOR:

The pumps are coupled directly to an asynchronous, high efficiency SILVER ELEPHANT induction motor of suitable size, which is quiet running, close and extremely ventilated, suitable for continuous duty.

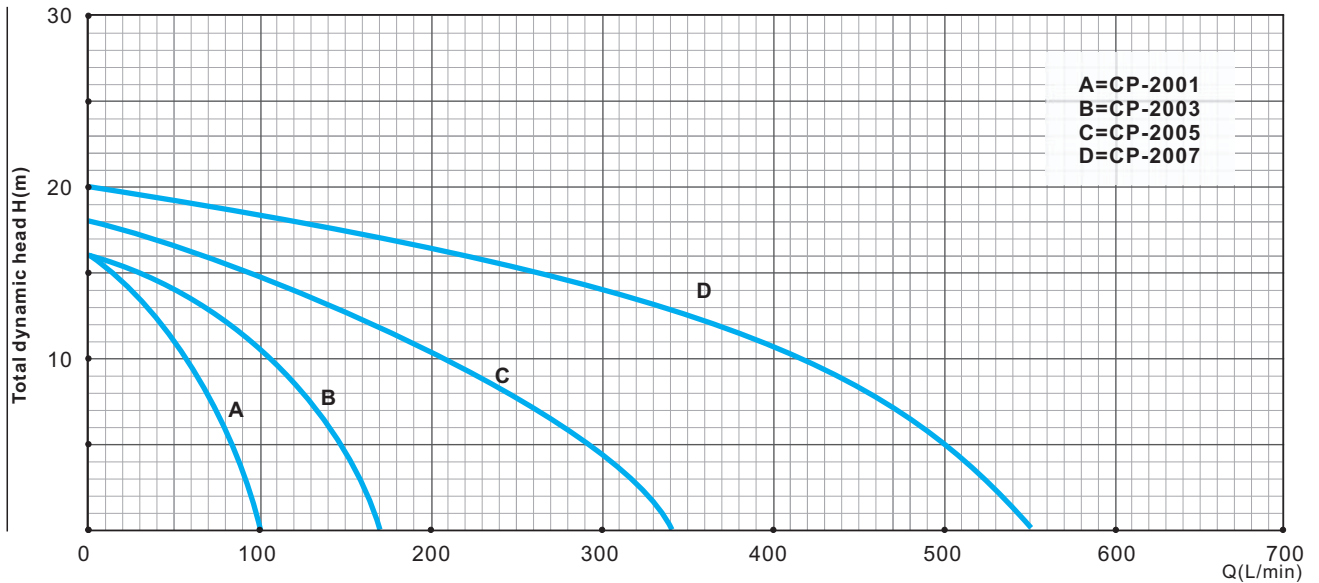
The thermal cutout relay (motor protector) is incorporated in single phase motors.

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

INSULATION Class B

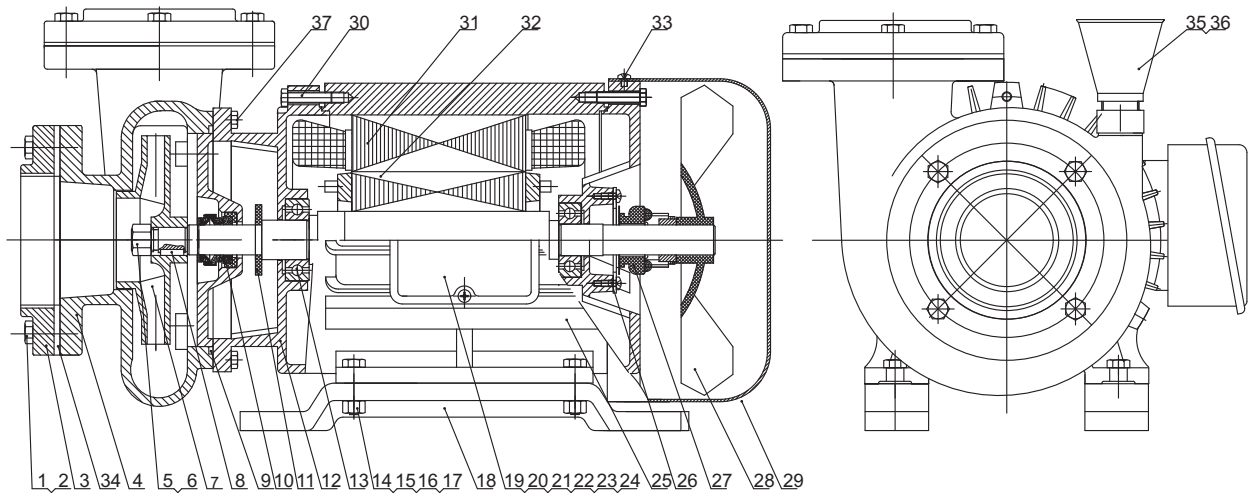
PROTECTION IP44

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)
CP-2001	0.75	0.55	3.6	2850	100	16	7	1"X1"	320X220X230	18
CP-2003	1	0.75	5	2850	170	16	7	1½"X1½"	360X220X230	20
CP-2005	2	1.5	9.6	2850	340	18	7	2"X2"	450X250X260	21.5
CP-2007	3	2.2	12.3	2850	550	20	7	3"X3"	450X310X260	35.0



MATERIAL DATA

Item	Description.	Material	Item	Description.	Material	Item	Description.	Material	Item	Description.	Material	Item	Description.	Material
1	Screw	A3	9	O ring	NBR	17	Screw		25	Motor housing	C.I.	33	Screw	
2	Washer	NBR	10	M.seal		18	bottom foot	C.I.	26	Screw		34	Washer	NBR
3	Flange	C.I.	11	Drops Guard	NBR	19	Terminid box	A3	27	Centrifugal Switch		35	Affusion Cup	ABS
4	Pump body	C.I.	12	Front Cover	C.I.	20	Capacitor	Start	28	Fan	ABS	36	Ring	NBR
5	Nut		13	Bearing		21	Capacitor	Run	29	Fan cover	A3	37	Screw	
6	Washer		14	Screw		22	Washer	NBR	30	Screw				
7	Impeller	Brass H59	15	Screw		23	Screw		31	Stator				
8	Key	Ss420	16	Screw		24	Connection key		32	Rotor				