



PUMPS

DIAMOND



SELF PRIMING MONOBLOCK PUMPS

FEATURES:

- * TEFC Capacitor Start & Run Motor.
- * Motor Can With-Stand Wide Voltage Fluctuation
- * Fitted With Thermal Overload Protector (TOP)
 - * Insulation Class 'B'.
- * Available In CI & Aluminium Body.

*Energy Saver In **XLO** Motor Favour*

CONSTRUCTIONAL DETAILS :

- Pump Casing : It is made of graded casting FG 200 of IS:210 to withstand both working pressure as well as sudden impact.
- Impeller : It is made of Bronze Grade LTB2 of IS : 318 to withstand wear and tear, having vanes machined to smooth finish for higher efficiency.
- Shaft : The shaft is made from alloy steel, accurately finished to microns to ensure Long Life of the bearing and pump.
- Mechanical Seal : Rotary Seal of Stainless steel spring, with fine lapped surface is used.
- Motor Frame Or Enclosure : It is made of graded casting of high tensile strength also available in alm. extruded body and is totally enclosed fan cooled type. Cooling ribs are provided both on CI and alm. body to facilitate heat dissipation thus improving motor life.
- Stamping (I) (Stator) : It is of CRNO material with grade M_45 C with lower losses
(II) (Rotor) : The rotor is die cast and dynamically balanced up to 1gm. for vibration free noiseless running and long bearing life.
- Bearing : High speed or equivalent Imported bearings are used and mounted on shaft by press for smooth running, low noise and long life.
- Non-Return Valve : The monoblock pump is fitted with specially designed spring loaded non-return valve, which does not allow water to return in the suction line and helps in priming when pump is switched on.
- Starting : Motor is of capacitor Start & Run design. No centrifugal switch is required.
- Winding : Motors are manufactured with insulation class 'B' Modified polyester enameled Copper wire which is tested as per IS : 13730 is used for winding of motors. Additionally high quality and mechanical strength material is used for slot insulation. Stator Varnished in vacuum impregnated plants.
- Packing : Monoblock pump is packing in corrugated box with polythene lamination with durable adjustable packing inside for prevent the to and fro in transpotation.
- Warranty : Pumps are warranted for a period to 12 months from the date of despatch against any manufacturing defects in material, workmanship under normal use and service.
- After Sale Service : Efficient after sale service is provided through dealer network and all spare parts are ready made available.

Note: Design/Description/Specification/Illustration are subject to change without notice.

PERFORMANCE OF SELF PRIMING MONOBLOCK PUMPS

Sr. No.	HP/KW	MODEL	SYN. SPEED (RPM)	PUMP SIZE (MM)	CAP	6 M	9 M	12 M	16 M	24 M	30 M	32 M	40 M	50 M	55 M
1.	0.5/0.37	GOLD	3000	25X25	LPH	2400	2200	2000	1600	1300	1000	-	-	-	-
2.	0.5/0.37	DIAMOND	3000	25X25	LPH	2800	2600	2400	2100	1600	1200	900	-	-	-
3.	1.0/0.75	PLATINUM	3000	25X25	LPH	3700	3600	3400	3100	2500	2000	1500	700	400	-

XLO ELECTRICALS CORPORATION

7th K.M. STONE, PATHANKOT ROAD, JALANDHAR.

MOB.: 98141-03939, TEL. : 0181-2610813, FAX : 0181-2610812

Website : www.xloelectricals.com ● e-mail : xloelectricals@gmail.com