



STAR-I SELF PRIMING



Features

- Withstand wide voltage fluctuations from 180 to 255 Volts
- Self priming with lift up to 7.5 metres
- Thermal Overload Protector (TOP) prevents motor burning
- High quality aluminium extruded motor body with chrome plated shaft
- TEFC capacitor start and run motor with IP-44 protection and class 'B' insulation
- Double Shielded ball bearings - no need of external lubrication
- Light weight pump for easy handling
- Easy maintenance and spares availability

Material of Construction

Standard Supply

| | |
|-----------------|--------------------------------|
| Impeller | : Bronze |
| Delivery Casing | : Cast Iron |
| Motor Body | : Aluminium |
| Mounting Casing | : Aluminium |
| Shaft | : Carbon Steel (Chrome Plated) |

Applications

- Water supply for domestic use in Bungalows, Apartments, Hotels, Hospitals, Farm-houses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens
- Circulation of water in industries

Technical Specifications

| | |
|---------------|---------------------|
| Head | : 6-28 metres |
| Capacity | : 2700-450 LPH |
| Power Rating | : 0.37 kW (0.50 HP) |
| Voltage Range | : 180-255 Volts |

Features

- Withstand wide voltage fluctuation from 180 volt to 240Volts
- Self priming up to 7.5 meters
- Thermal Overload Protector (TOP) prevents motor burning
- High quality aluminum extruded motor body with chrome plated shaft
- TEFC capacitor start and run motor with IP-44 protection and class 'B' insulation
- Double shielded ball bearings no need of external lubrication
- Light weight pump for easy handling
- Easy maintenance and spares availability

Material of Construction

| | |
|-----------------|----------------|
| Impeller | : Forged brass |
| Delivery Casing | : Cast Iron |
| Motor Body | : Aluminum |
| Mounting Casing | : Cast Iron |
| Shaft | : Carbon Steel |

Applications

- Water supply for domestic use in bungalows, apartments, hotels, hospitals, farm-houses etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering gardens
- Circulation of water in industries

Technical Specifications

| | |
|---------------|--------------------|
| Head | : 6-24 meters |
| Discharge | : 2700- 450 LPH |
| Power rating | : 0.37 kW (0.5 HP) |
| Voltage Range | : 180-240 Volts |

Performance under standard test conditions

| PUMP MODEL | POWER RATING | | PIPE SIZE (mm) | | FULL LOAD CURRENT (in amps.) | RATED VOLTAGE (VOLTS) | TOTAL HEAD IN METRES | | | | | | |
|-------------------------------------|--------------|-----|----------------|------|------------------------------|-----------------------|----------------------|------|------|------|------|-----|-----|
| | kW | HP | SUC. | DEL. | | | 6 | 10 | 14 | 18 | 22 | 24 | 28 |
| DISCHARGE IN LITRES PER HOUR | | | | | | | | | | | | | |
| STAR* | 0.37 | 0.5 | 25 | 25 | 2.6 | 240 | 2700 | 2250 | 1890 | 1460 | 1080 | 600 | 450 |

Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.
* Star available in Non Self Priming model also.