



House of Trust

KEERTHI PUMPS

An ISO 9001-2008 Certified Company



RQ91/5673

FIRE PROTECTION PUMPS for **HIGH-RISE BUILDINGS & INDUSTRIES**



FIRE DEFENSE IS A SELF DEFENSE

1/514, Anna Nagar, Avinashi Road, Neelambur(PO), Coimbatore - 641062,
Tamilnadu, India. WEB: www.keerthipump.com

Email: keerthipumps@gmail.com, marketing@keerthipumps.com

Phone: +91 422 6536341, 6536351, 6536366 Mobile: +91 09843062938

APPLICATION

A fire pump is a part of a fire sprinkler system's water supply and powered by electric or diesel pumps needed when the local municipal water system cannot provide sufficient pressure to meet the hydraulic design requirements of the fire sprinkler system.

This usually occurs if the building is very tall, such as in high-rise buildings, commercial complexes, Hospitals, Apartments, Malls, Industries or in systems that require a relatively high terminal pressure at the fire sprinkler in order to provide a large volume of water, such as in storage warehouses. Fire pumps are also needed if fire protection water supply is provided from a ground level water storage tank.

OPERATING RANGE

Capacity	: Up to 550M ³ / HR
HEAD	: UP to 100 Mtrs (328 Feet)
Temperature	: Up to 90° C
Casing Pressure	: Up to 16 Bar
Pump Size	: 32 mm to 150 mm
Direction of	
Rotation	: Clock wise from Drive End
No of Model	: 40 Models



DESIGN

Horizontal back pull out design pumps. Closed impeller construction with two deep groove ball bearing and designed in accordance with the flange standards of DIN 2533/ ANSI B 16.5

Bearing and grease lubricated and oil lubrication is optional

SALIENT FEATURES

- BACK PULL OUT DESIGN
- Steady Flow
- High Efficiency
- Sturdy construction
- Low NPSH
- Noise & Maintenance Free
- Environmental Friendly
- Shaft Deflection below 0.05mm
- Bearing life – More than 17000 Hours

MATERIAL OF CONSTRUCTION

Grade CAST IRON, 2% NICKEL, BRONZE, WCB, SS, 304 & SS316



We **KEERTHI PUMPS** is an ISO 9001-2008 certified company is specialized in the manufacturing of non-standard and standard pumps are in the field of Manufacturing and supplying pumps for essential industries in India since 2000.

Our Product range includes **Main pump with Electric motor, Main Pump with Diesel engine and jockey pump** for firefighting applications. Our standards for Fire Protection are the reliability of the fire fighting pumping system to ensure adequate water supply at required pressure at emergency conditions.