



RESPONSIBLE DEWATERING, SUSTAINABLE SOLUTIONS

# **MASSIVE FLOW MAXIMUM POWER**



## **ADS LHF 30 PUMP**

[www.arihantdewatering.com](http://www.arihantdewatering.com)

## PRODUCT OVERVIEW

The ADS LHF-30 is a fully automatic self-priming centrifugal pump designed for demanding applications such as WellPoint systems, excavation, and heavy-duty dewatering. It is engine-driven, skid-mounted for mobility, and equipped with a vacuum pump for automatic priming and reliable performance.

## MATERIAL OF Construction ADS LHF-30

Impeller: SS304 / SS316 / Bronze

Casing: CI / WCB / SS304 / CD4MCuN

Shaft: SS304 / SS316

Seal: Double (Silicon Carbide / Tungsten Carbide)

Skid: Mild Steel

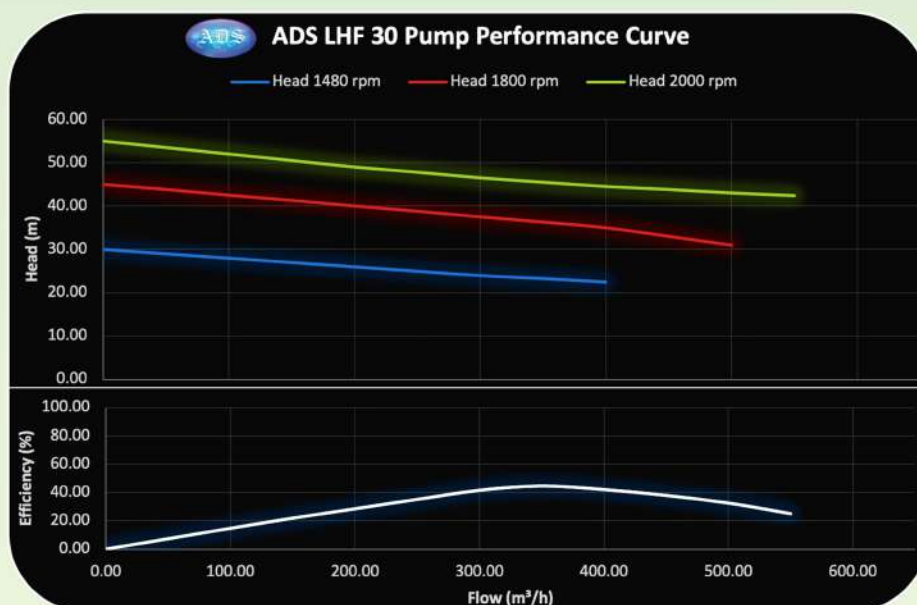
# Technical Data

## PUMP PERFORMANCE

Curve

| PARAMETER                 | SPECIFICATION                            |
|---------------------------|------------------------------------------|
| ENGINE POWER              | 32 / 38 / 41 HP (1500 / 1800 / 2000 RPM) |
| HEAD RANGE                | 28 / 40 / 50 M                           |
| DISCHARGE                 | 400 / 490 / 540 M <sup>3</sup> /H        |
| SOLIDS HANDLING           | 20 MM                                    |
| SUCTION × DELIVERY        | 150 × 150 MM                             |
| FUEL TANK                 | 180 L                                    |
| MAX TEMP                  | 60 °C                                    |
| MAX SPEED                 | 2000 RPM                                 |
| HYDROSTATIC TEST PRESSURE | 8.25 BAR                                 |

The performance curve below shows Head vs Flow for the ADS LHF-30 pump at 1480, 1800, and 2000 rpm.



# KEY DESIGN BENEFITS

- Heavy-duty power frame with re-greaseable bearings
- Back pull-out design for easy maintenance
- Stainless steel shaft to minimize deflection
- Abrasion-resistant castings with excellent solids handling
- Dynamically balanced impeller for vibration-free performance
- Factory hydro-tested casing & seals for guaranteed reliability

## Applications

- Construction & Excavation
- Mines & Tunnel Dewatering
- Flood Water Removal
- Heavy Sludge & Slurry
- Pipelines / Sewage / Municipal
- Marine & Stream Diversion



## **Arihant** Dewatering Systems

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