



RESPONSIBLE DEWATERING, SUSTAINABLE SOLUTIONS

MASSIVE FLOW MAXIMUM POWER



CE



ADS LHF 85 PUMP

www.arihantdewatering.com

PRODUCT OVERVIEW

The ADS LHF-85 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-85

Impeller: SS304 / SS316 / Bronze

Casing: CI / WCB / SS304 / CD4MCuN

Shaft: SS304 / SS316

Seal: Double (Silicon Carbide / Tungsten Carbide)

Skid: Mild Steel

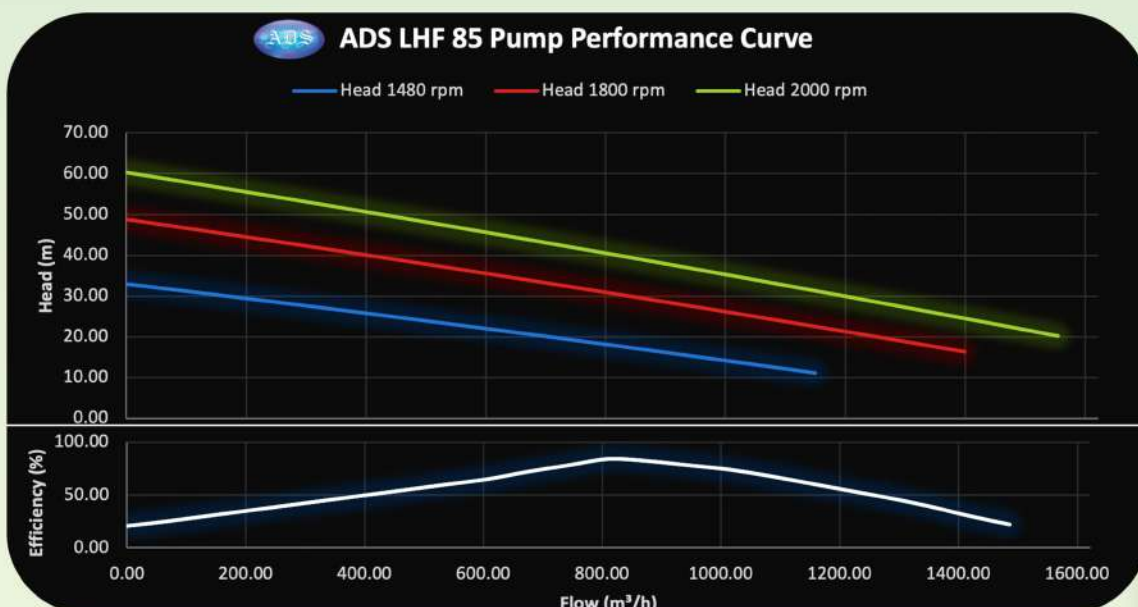
Technical Data

PUMP PERFORMANCE

Curve

PARAMETER	SPECIFICATION
ENGINE POWER	83 / 98 / 103 HP (1500 / 1800 / 2000 RPM)
HEAD RANGE	31 / 46 / 57 M
DISCHARGE	1150 / 1400 / 1550 M ³ /H
SOLIDS HANDLING	40 MM
SUCTION × DELIVERY	250 × 250 MM
FUEL TANK	260 L
MAX TEMP	60 °C
MAX SPEED	2000 RPM
HYDROSTATIC TEST PRESSURE	9.0 BAR

The performance curve below shows Head vs Flow for the ADS LHF-85 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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