Email : sales@scilabexport.com
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Product Name :

Pump Centrifugal, Diesel 50cbm/hr

Product Code :

SLE/PRP/01



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Description :

Pump Centrifugal, Diesel 50cbm/hr (Product Code: SLE/PRP/01) is a self-priming, diesel-engine-driven centrifugal pumping set used to move large volumes of water in water supply, emergency response and dewatering work. It delivers 50 cubic metres per hour at around 2900 RPM against a 20 m total manometric head with 1 m suction head, and has a cast iron casing, shaft and impeller with a mechanical shaft seal. The pump is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Pump type	Self-priming centrifugal pumping set
Drive	Coupled directly to a diesel engine of matching power
Capacity	50 m³/h (cubic metres per hour)
Speed	Around 2900 RPM
Duty point	20 m TMH (total manometric head) for 1 m suction head
Casing, shaft and impeller	Cast iron
Shaft seal	Mechanical water seal
Mounting options	Trolley with 2 wheels and a handlebar, or sturdy steel skid with carrying handles (buyer to specify)
Skid	Pre-drilled holes for bolting to a foundation
Suction and discharge sizes	Various diameters depending on pumping capacity: 50, 65, 75, 100 and 150 mm
Product code	SLE/PRP/01
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Diesel Centrifugal Pump Used For?

A 50 cbm/hr diesel centrifugal pump moves water where there is no reliable mains power: filling storage tanks and water-trucking points from rivers or open wells, transferring water between reservoirs, feeding temporary distribution networks in camps and emergencies, and dewatering flooded sites or excavations. The trolley version is wheeled between points by hand, while the skid version can be bolted down as a semi-permanent pumping station.

Set the pump on level ground as close to the water as practical, because extra suction lift and long delivery lines both reduce flow below the rated 50 m³/h at 20 m head. Fill the casing with water before the first start, fit a strainer on the suction line to keep out debris, and store diesel well away from the water source to avoid contamination.

What to Specify When Ordering