

MODEL 82H-EDP



PUMP SPECIFICATIONS

Size: 2" x 2" (51 mm x 51 mm) NPT - Female.

Casing: Gray Iron 30. Maximum Operating Pressure 10,07 Bar.*

Semi-Open Type, Four Vane Impeller: Gray Iron 30. Handles 19,1 mm Diameter Spherical Solids.

Impeller Shaft: Carbon Steel 1045/1046.

Replaceable Wear Plate: Carbon Steel 1015.

Intermediate: Gray Iron 30.

Seal: Type 31, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 71°C.*

Shaft Sleeve: Alloy Steel No. 4130.

Flap Valve: Buna-N w/Nylon Reinforcement, Gray Iron 30 and Steel.

Radial and Thrust Bearings: Open Single Row Ball.

Bearing Lubrication: SAE 30 Non-Detergent Oil.

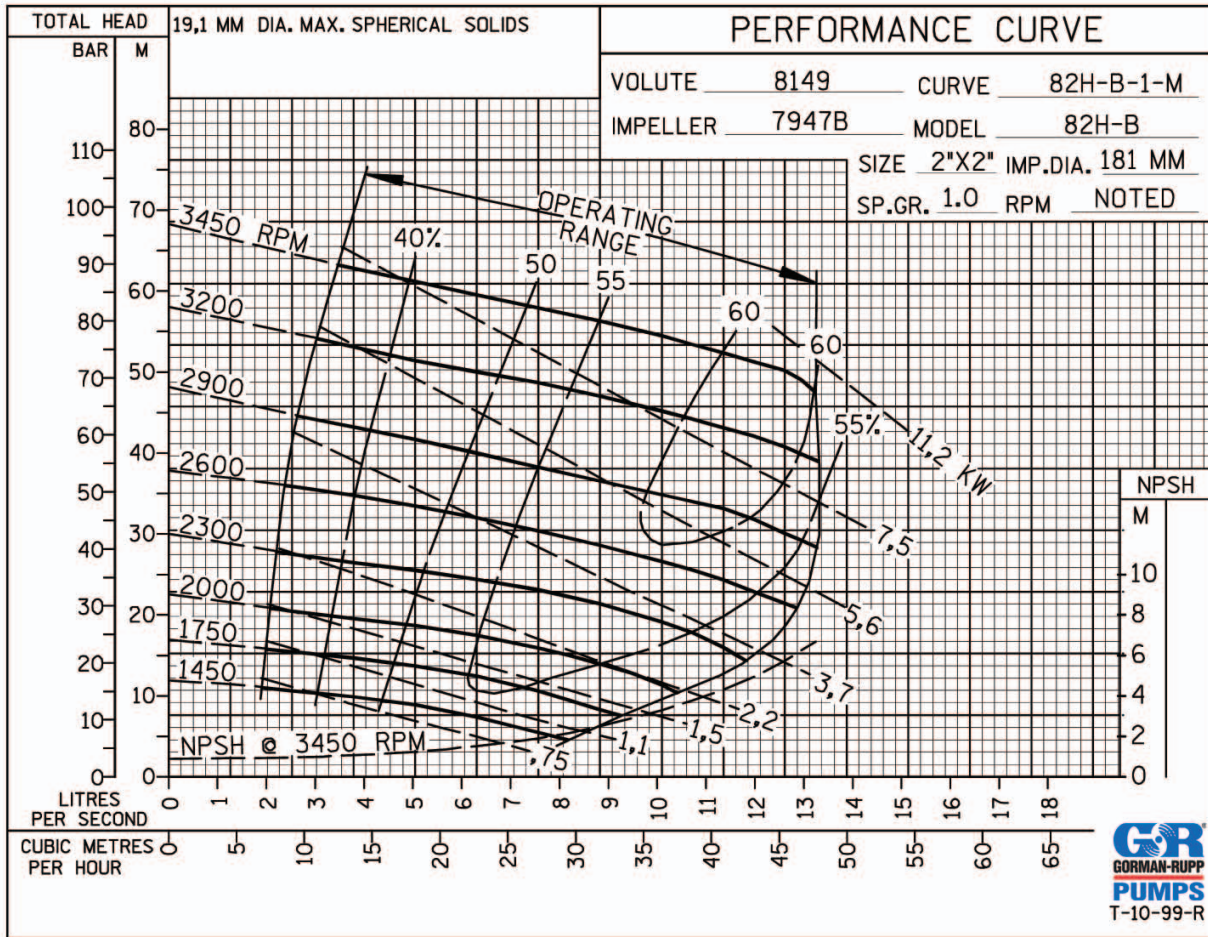
Flange: Gray Iron 30.

Gaskets: Cork.

Hardware: Standard Plated Steel. Oil Level Sight Gage.

* Consult Gorman-Rupp Europe for applications exceeding maximum pressure and/or temperature indicated.

PERFORMANCE CURVE



MOTOR SPECIFICATIONS

Design

- aircooled single-cylinder 4 stroke Diesel
- vertical cylinder
- crankcase in light alloy, diecast
- Cylinder of grey cast iron, head in light alloy
- crankshaft and big end in plain bearings
- direct injection, multi-hole nozzle
- special valve gear, allowing reverse engine rotation
- pressure lubrication, with gear-type oil pump
- oil sump of sheet metal
- flywheel fan, charging alternator integrated into flywheel

Characteristics

- denoised, emission of noise reduced
- low fuel consumption
- favourable exhaust emission values ECE-R24
- robust and heavy duty
- easy to service, automatic injection pump bleeding
- environment friendly
- reliable, effortless starting
- engine with electric start 12V
- weight 88.6 kgs.