



**Central
Diesel**

The Engine, Pump & Power Co.

Product Specification

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Hatz

ID81Z (073E)

Design

- Air cooled single-cylinder four stroke Diesel engines.
- Horizontal cylinder.
- Crankcase in light alloy, diecast. Cylinder of grey cast iron.
- Cylinder head in light alloy.
- Crankshaft and big end in slide bearings.
- Direct injection, multi-hole nozzle.
- Valve control via camshaft, cam followers, pushrods and rockers.
- Pressure lubrication, with gear-type oil pump.
- On request oil filter in main flow.
- Light alloy oil sump cased with sheet steel.
- Flywheel fan, charging alternator integrated into flywheel. No V-belt necessary.



Characteristics

- Denoised: emission of noise reduced to the absolute minimum by means of design features and precision manufacture.
- Low fuel consumption.
- Favourable exhaust gas values below acc. to EPA and CARB.
- Robust: long life engine.
- Extensive interchangeability of parts within the engine family D .
- Reliable: no V-belts.
- Easy to service: because automatic injection pump bleeding.
- Friendly to the environment: Ventilation of crankcase leads into the intake port.
- Automatic: extra fuel device.
- Electric start.

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|---------------------|----------------------|
| Cylinder | 1 |
| Power (kW) | 9.5 kW |
| Engine Displacement | 0.667 ltr |
| Piston Displacement | 40.7 cm ³ |
| Dry Weight (Kg) | 115 Kg |
| Length | 360 mm |
| Width | 454 mm |
| Height | 614.5 mm |