



SPECIFICATIONS – MOTOR PUMPS: E200 SERIES

Big Power. Big Performance

Whether skid-mounted, trailer-mounted or part of a major apparatus, the E200 delivers the horsepower and performance when and where it is needed. Equipped with a Volkswagen® 1.9L diesel engine and a Waterous fire pump, the E200 produces a maximum flow of 2475 L/min (650 GPM) or a maximum pressure of 14 bar (210 psi).



Pump Specifications:

Type:

Direct-drive centrifugal with closed, hydraulically-balanced impeller.

Intake:

4 in. male NH w/two auxiliary 2-1/2" NPT taps or
4 in. Victaulic® w/two auxiliary 2-1/2" NPT taps

Discharge: (5) variations available as follows:

- Two 2-1/2 in. blank flanges
- Two 2-1/2 in. NPTF flanges @ 45° or parallel
- Two 2 in. ball valves w/2-1/2 NHM flanges @ 45° or parallel

Volute Body and Head:

High-strength aluminum alloy, anodized for superior corrosion resistance.

Impeller:

High-strength, corrosion-resistant bronze, double-hubbed to balance hydraulic thrust, mechanically balanced to eliminate vibration.

Wear Rings:

Long wearing bronze. Easy to replace when required to restore original pump efficiency.

Shaft Seal:

Spring-loaded mechanical type. Never needs adjustment.

NOTE: Pump pressure gauges are not furnished.

Engine Specifications:

Engine:

Volkswagen Industrial Engine Model ADG
Water-cooled four-cylinder, in-line, naturally aspirated diesel engine with a swirl chamber. Direct valve operation via an overhead cam (OHC) driven with a toothed belt. Maintenance-free valve timing gear with hydraulic tappets. Distributor fuel injection pump (DIP) driven with a toothed belt.

Displacement:

1.9L (115 cu. in.)

Output:

43 kW (57 HP) @ 4000 rpm

Lubrication:

Pressure-feed lubrication with gear pump and full-flow filter

Fuel:

Cetane requirement; CN > 45 as per DIN 51601

Alternator:

12 VDC, 65 A

Starter:

12VDC, 1.8 kW

Battery Requirement:

12VDC, minimum capacity 380 Amps (63 Amp-hours)

Glow Plugs:

12 VDC

Instrument Panel / Options

Instrument Panel:

Instrument panel includes: ignition switch, tachometer with hourmeter, oil pressure gauge, voltmeter, water temperature gauge, check engine light, alternator indicator and glow plug indicator.

Options:**Priming System:**

The priming system consists of either a Waterous hand or electric primer shipped loose for remote mounting.

Industry-Leading Sales and Support

When you purchase Waterous equipment, not only do you get quality products, you get quality service. Our expert service technicians are the best in the business and they are always happy to answer any service questions you might have.

Sales/Applications Assistance

Phone: 651-450-5234 (Press 3)
pumpsales@waterousco.com

Service Assistance

Phone: 651-450-5200
Fax: 800-488-1228
service@waterousco.com

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Dimensions and Weights

Length (in/cm)	Width (in/cm)	Height (in/cm)	Weight* (lb/kg)
48.5 (123.4)	26.5 (67.3)	30.5 (77.5)	570 (258.5)

Performance Curves

MAXIMUM FULL THROTTLE PERFORMANCE

E200-A WITH VOLKSWAGEN 1.9L DIESEL
Flooded Intake

