

Q200 DATA SHEET

General Dewatering



SPP

PUMPS

PROTECTING LIFE. IMPROVING LIVES.

PUMP SPECIFICATIONS

Model	Q200
Suction Flange	8" - BS10 TableD
Discharge Flange	8" - BS10 TableD
Max Flow	2378 USgpm
Max Head	108 ft
Solids Handling	3" x 3.5" long
Impeller Type	Semi-Open 2 Vane Spiral (Ø 9.6")
Max Speed	2000rpm

MATERIALS OF CONSTRUCTION

Pump Casing	Cast Iron
Impeller	SG Iron
Front Wear Plate	Cast Iron
Rear Wear Plate	Stainless Steel
Shaft	Stainless Steel
Mechanical Seal	Silicon Carbide/Silicon Carbide/Viton

BAUER OPTIONS

200mm Suction/Delivery Bauer = 50kg/505mm Long Max

PACKAGE SPECIFICATION

Type	Gull Wing Door
Chassis Finish	Powder Coat – RAL7021
Canopy Door/Fuel Tanks	Rotationally Moulded Polyethylene
Fuel Tank Capacity	58 USgal
Sound Power Level	97LWA
Sound Pressure Level @23ft	69dB (A)
Sound Pressure Level @33ft	66dB (A)
Stackable	N/A

*Optional door colour to suit customer branding

PRIMING SYSTEM

System Type	Vacuum Pump
Air Handling Capacity	65cfm
Vacuum Max	29.5 ft
Priming Control	Capacitance Probe
Discharge NRV	Rubber Flapper

CONTROL

	Suitable for Yanmar 4TNV88-C /4TNV88-DS - Perkins 403-17T	Suitable for Yanmar 4TNV88-C	Suitable for Isuzu 4LE1 - Perkins 404D
Type	DSE E400	Yanmar M154B	Murphy MPC10
Autostart	Floats or Level Sensor	N/A	Floats or Level Sensor
SMS Telemetry	DSE890	N/A	N/A
Speed Control	Electronic	Electronic	Mechanical

ENGINE SPECIFICATION

	Yanmar 4TNV88-C	Perkins 403J-17T	Isuzu 4LE1
Engine Type	Yanmar 4TNV88-C	Perkins 403J-17T	Isuzu 4LE1
Max Power	47.6 HP@3000rpm	48.2 HP@2800rpm	49.5 HP@2600rpm
Emissions Compliance	EU StageV	EU StageV	EU StageIIIA
After Treatment	Yes (DPF/DOC)	Yes (DPF/DOC)	N/A
Speed Range	1500 – 2000rpm	1500 – 2000rpm	1500 – 2000rpm
Fuel Consumption @ BEP	1.8 USgal/hr@2000rpm	1.8 USgal/hr@2000rpm	1.9 USgal/hr@2000rpm
Max Running Hours @ BEP	31hrs@2000rpm	31hrs@2000rpm	30hrs@2000rpm
Rated Power @ BEP	35 HP@2000rpm	35 HP@2000rpm	35 HP@2000rpm

*Electric motor option available - with optional Soft Start/VSD Panels

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MOUNTING OPTIONS

Dimensions and weights below are excluding bauer/pipe connections.

Type	Dimensions LxWxH	Gross Weight (including fuel)	Complete with...	Alternative Hitch Options
POD	82.8 x 45.3 x 53.2" *QPOD Shipping Pallet - 86.6 x 46" - 143 lbs	2811lbs		
Fixed height road trailer - single axle	138 x 63.7 x 72.8"	3417lbs	13pin lighting board, 2 x rear jack stands, step plate, 1.6" towing eye	2" Ball hitch, 3" Nato hitch
Variable height road trailer - single axle	156.3 x 63 x 70"	3197lbs	13pin lighting board, rear jack stand, 1.6" towing eye	2" Ball hitch
Skid base	94.5 x 46.4 x 63"	3142lbs	Fork truck pockets, drag points	



OPTIONAL EXTRAS

- Auto start/stop - float or level sensor
- Pump telemetry/remote monitoring
- Fuel valve for auxiliary fuel tank/cube
- Spark arrestor and chalywn valve
- DWI Reg31 (4) compliant pump options for potable water applications
- Emergency trailer with pipe and fittings
- Flashing beacon
- Battery isolator
- 2 x LED work lights
- Hose/pipework
- Spares kits
- Service and maintenance package
- Product training

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MULTI-SPEED PERFORMANCE CURVE

