

# QHH80 DATA SHEET

## High Head



### PUMP SPECIFICATIONS

<b>Model</b>	QHH80
<b>Suction Flange</b>	4" - BS10 TableD
<b>Discharge Flange</b>	3" - PN16
<b>Max Flow</b>	528 USgpm
<b>Max Head</b>	295ft
<b>Solids Handling</b>	0.8"
<b>Impeller Type</b>	Semi-Open (Ø13")
<b>Max Speed</b>	2400rpm

### MATERIALS OF CONSTRUCTION

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

### BAUER OPTIONS

4" Suction/3" Delivery Bauer = 33lbs/11" Long Max

### PACKAGE SPECIFICATION

<b>Type</b>	Gull Wing Door
<b>Chassis Finish</b>	Powder Coat – RAL7021
<b>Canopy Door/Fuel Tanks</b>	Rotationally Moulded Polyethylene
<b>Fuel Tank Capacity</b>	58 USgal
<b>Sound Power Level</b>	106LWA
<b>Sound Pressure Level @23ft</b>	79dB (A)
<b>Sound Pressure Level @33ft</b>	76dB (A)
<b>Stackable</b>	N/A

\*Optional door colour to suit customer branding

### PRIMING SYSTEM

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

### CONTROL

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

### ENGINE SPECIFICATION

Engine Type	Yanmar 4TNV88-C	Yanmar 4TNV88 - DS	Perkins 403J-17T	Isuzu 4LE1
<b>Max Power</b>	47.6 HP@3000rpm	49.5 HP@3000rpm	48.2 HP@2800rpm	49.5 HP@2600rpm
<b>Emissions Compliance</b>	EU StageV	EU StageIIIA	EU StageV	EU StageIIIA
<b>After Treatment</b>	Yes (DPF/DOC)	N/A	Yes (DPF/DOC)	N/A
<b>Speed Range</b>	1500 – 2400rpm	1500 – 2400rpm	1500 – 2400rpm	1500 – 2400rpm
<b>Fuel Consumption @ BEP</b>	1.9 USgal/hr@2400rpm	1.9USgal/hr@2400rpm	1.9 USgal/hr@2400rpm	2.0 USgal/hr@2400rpm
<b>Max Running Hours @ BEP</b>	30.5hrs@2400rpm	31hrs@2400rpm	30hrs@2400rpm	28hrs@2400rpm
<b>Rated Power @ BEP</b>	35.5HP@2400rpm	35.5HP@2400rpm	35.5HP@2400rpm	35.5HP@2400rpm

\*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	2646lbs		
Fixed height road trailer - single axle	138 x 63.7 x 72.8"	3252lbs	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"	3031lbs	13pin lighting board, rear jack stand, 1.6" towing eye	2" Ball hitch
Skid base	94.5 x 46.4 x 63"	2987lbs	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

