

Drainer 'D' Pump



D80

Specification

Capacity	m ³ /h	90
Total Head	m	23
Max. Solids Size	mm	29
Self Priming Lift	m	8.8
Air Handling	l/s	4.25
Selprime, Absorbs	kW	0.9
Power Required	kW	6.5
Pump Speed Max.	rpm	2000
Pump Speed Min.	rpm	955
Impeller Type	Drainer	
Impeller Blades	3	
Impeller Dia.	mm	192
Inlet Port	mm	DN 80 PN6
Outlet Port	mm	DN 80 PN6
Fuel Tank Capacity*	ltrs	36 Wheel Site 80 Super Silent
Fuel Consumption BEP	lt/hr	1.7

* Fuel tank capacity can be increased with the addition of an auxiliary fuel tank.

Priming Method



The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.

Pump Materials

Pump Casing	Grey Iron BSEN 1561 Grade EN-GJL-250
Impeller	Cast Iron BSEN 1563 Grade EN-GJS-450-10
Wear Plates	Cast Iron BSEN 1563 Grade EN-GJS-600-3
Shaft	Steel BS EN 10277 Grade C40+C
NRV Body	Grey Iron BSEN 156 Grade EN-GJL-250
Mechanical Seal	Ceramic / Sealide
Pump End Bearing	Ball
Drive End Bearing	Cylindrical Roller

Prime Movers

Diesel Engine Isuzu 2CA1

Electric motors available

Standard Weights & Measures

2 Wheel Site*	Length	192 cm
	Width	100 cm
	Height	129 cm
	Dry Weight	612 kg
(Pt No. 0811313000)	LWA	101
	Length	176 cm
	Width	107 cm
	Height	152 cm
Super Silent	Dry Weight	932 kg
	LWA	80
	db(A)@ 7m	58
	(Pt No. 0811202540)	

* Open sets exclude fittings

Optional Extras

- Auto stop-start controls
- Telemetry system
- Oil drain service kit
- Auxiliary fuel tank connectors
- Chalwyn valve spark arrester