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PUMPED UP AND READY TO FLOW

# Selwood S100 with Hydraulic

## GENERAL INFORMATION

| | |
|---|---|
| ID | 24P00147 |
| Make | Selwood |
| Type | with Hydraulic |
| Year | 2013 |
| Construction | Water pumps |
| Fuel | Diesel |
| Weight | 1.800 kg |

SELWOOD DATA SHEET S100

Solids handling 'S' pump

Pump end specification

| | Metric | US |
|---|---|---|
| Capacity | 165 m³/h | 726 gpm |
| Total Head | 21 x m | 70 ft |
| Max Solids Size | 75 mm | 3 in |
| Self Priming Lift | 8.8 m | 28 ft |
| Air Handling | 24 l/s | 50 cfm |
| Selfprime® Models | 22 MK | 2 PM |
| Power Required | 27 kW | 36 hp |
| Pump Speed Max. | 1600 rpm | 1600 rpm |
| Pump Speed Min. | 950 rpm | 240 rpm |
| Impeller Type | Vortex | Vortex |
| Impeller Blades | 6 | 6 |
| Impeller Diameter | 215 mm | 8.5 in |
| Inlet Port | DN 100 PN6 | 4 PN6 |
| Outlet Port | DN 100 PN6 | 4 PN6 |
| Length | 95 cm | 38.6 in |
| Width | 68 cm | 26.8 in |
| Height | 77 cm | 28.5 in |
| Weight | 270 kg | 496 lb |

Priming method - Selfprime®

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

Pump end materials

| | |
|---|---|
| Pump Casing | Grey Iron ISO7005 1561 Grade EN-GJL-200 |
| Impeller | Cast Iron ISO7005 1561 Grade EN-GJL-250 |
| Wear Plates | N/A |
| Shaft | Steel BS EN 10277 Grade C45mod |
| Mech Body | Grey Iron ISO7005 1561 Grade EN-GJL-200 |
| Mechanical Seal | Ceramic / Silicon Carbide |
| Pump End Bearing | N/A |
| Drive End Bearing | Cylindrical Roller |

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## TECHNICAL INFORMATION

• available with any desired quick coupling. • Can be used immediately • in stock! • PUMPED UP AND READY TO FLOW! • Pumping water-thin to highly viscous liquids and/or solid components • Spare parts available, usually in stock • Supported by van vacuum pump

## DESCRIPTION

This Selwood S100 is a leading waste water pump for applications where liquids with solid particles must be pumped. This mobile pump set is perfect for demanding (waste) water sectors.

Suitable for liquids with solid parts
Special vortex flow design
Self-priming due to integrated self-prime vacuum system

Max flow : 165 m3/h
Max head : 21 MWK
Max dirt passage : 75 mm

If your interest is aroused, please feel free to contact us. We like to help you.

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