

## PRODUCT INFORMATION

December 2017



# 535830

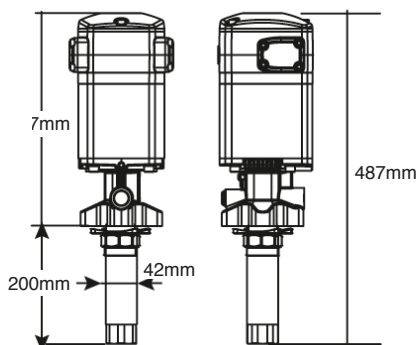
## Samoa 8:1 Ratio Oil Transfer Stub Pump

The Samoa 535830 8:1 ratio oil transfer stub pump is a heavy duty, high pressure transfer pump capable of flow rates of up to 17 L/min and operates up to a maximum oil pressure of 1,400psi (96 bar). The 535830 has been specifically designed to deliver through long delivery lines or to multiple oil dispensing points (operating simultaneously), all types of synthetic and petroleum based oils, hydraulic oil, gear oil and transmission fluid at continuous duty.

The pneumatic air motor of the Samoa 535830 has a very simple mechanism with only three moving parts and therefore less parts subject to wear. There are no springs present in the mechanism which ensures a long service life and the mechanical end of stroke mechanism provides maximum reliability contributing to non-stalling operation.

The Samoa 535830 8:1 ratio oil transfer stub pump is supplied standard with a 2" bung adaptor and a built in port for fitting an optional pressure relief valve. Extensions, rigid or flexible, that screw directly into the 1" BSP (f) pump inlet valve, allow the 535830 to accommodate different size drums and tanks.

Typical installations are in vehicle maintenance workshops, mining and construction, railroad & mass transit maintenance, lube trucks, in-plant operations, council & civil works and marine.



### PRODUCT SPECIFICATIONS, FEATURES AND BENEFITS

Air pressure operating range: 30 to 175psi (2 to 12 bar)

Double acting air operated 8:1 ratio transfer stub pump

Handles synthetic/mineral oils, hydraulic oil, gear oil and ATF

Air consumption: 350 NI/min (12.4 scfm)

Maximum fluid outlet pressure: 1,400psi (96 bar)

Air motor effective diameter: 80mm

Air motor stroke: 80mm

Flow rates of up to 17 L/min

3/8" BSP (f) air inlet

1" BSP (f) fluid inlet / 1/2" BSP (f) fluid outlet

Wetted & seal materials:

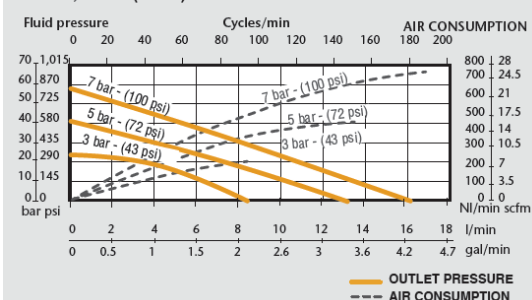
Cast Iron / Hard Chrome Steel / Steel / Polyurethane / NBR

Noise level: 80 dB

Total pump height: 487mm

Weight: 6.8 kg

### SAE 10, 21 °C (70 °F) CAPACITY CURVE



### ORDERING INFORMATION:

**535830** Samoa 8:1 Ratio Oil Transfer Stub Pump

