

531210

25:1 Ratio Heavy Duty Grease Pump



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The Samoa 531210 25:1 ratio 180kg grease pump is a heavy duty, high pressure transfer double acting pump for use in lubrication systems delivering grease up to NLGI2.

Operating up to a maximum grease outlet pressure of 5,000psi (350 bar) and a maximum delivery rate of up to 6kg/min, the Samoa 531210 has been specifically designed to deliver high viscosity greases and viscous lubricants in medium length systems that include multiple outlets at continuous duty.

The pneumatic air motor of the Samoa 531210 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 531210 25:1 ratio 180kg grease pump is supplied standard with a 2" BSP(M) bung adaptor for ease of fitting to a 180kg drum & its air motor & pump assembly is a flanged construction.

Typical installations are in vehicle maintenance workshops, fleet service facilities, mine site workshops, construction machine maintenance facilities, oil & gas, railroad & mass transit maintenance, lube trucks, in-plant operations, council & civil works and marine applications.

SPECIFICATIONS, FEATURES AND BENEFITS

- Continuous duty flow rates of up to 6kg/min
- Maximum outlet pressure of 5,000psi (350bar)
- Air pressure operating range: 20 (1.5bar) to 200psi (14bar)
- Noise level of 80dB ensures quiet operation
- Less moving parts ensure a lower cost of ownership
- Design engineering utilising quality components of hard chromed steel, zinc plated steel, PTFE, NBR & cast iron
- Sturdy corrosion free handles assist in drum change over
- Integrated exhaust muffler supplied standard
- Air consumption of 1.340 NI/min (47 scfm)
- Air motor effective diameter of 115mm
- Air motor stroke of 100mm
- 1/2" BSP(f) air inlet
- 1/2" BSP(f) grease outlet
- Total pump height of 1,357mm (pump tube height of 855mm)
- Weight of 24 kg

