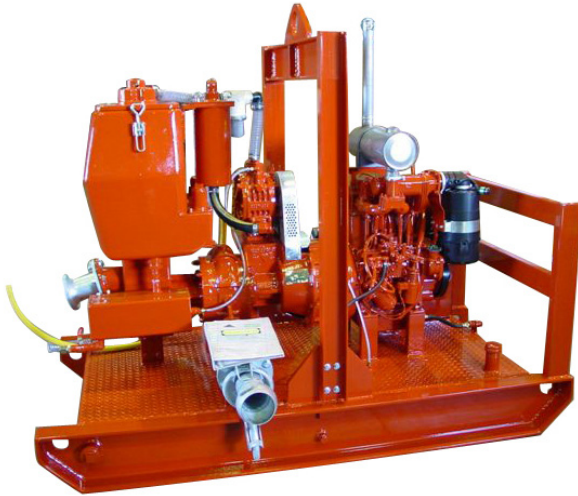




VMX80i

Technical Data



Fuel Consumption: 1.3 L/hr @ BEP 1400rpm WMR
 Fuel Capacity: 160 litres, 36hrs @ 2400rpm

Pumpset Dimensions

Width: 900 mm Height: 1300 mm
 Length: 1960 mm Dry Weight: 940 kg

Materials of Construction

Pump Casing: S.G. IRON 400/12
 Suction Cover: S.G. IRON 400/12
 Air Separation Tank: MARINE GRADE ALUMINIUM
 Bearing Bracket: S.G. IRON 400/12
 Pump Shaft: 431 Stainless Steel
 Impeller: 316 Stainless Steel
 Wearplates: 316 Stainless Steel
 Mechanical Seal: Silicon Carbide/Silicon Carbide
 N.R.V. (Flap Type): CAST IRON
 Vacuum Pump: 60cm rotary vane/oil lubricated/belt driven

Design Details

Pump Description: Single Stage, volute type, 3 bladed fully open Centrifugal pump
 Suction Flange: 75 mm
 Delivery Flange: 75 mm
 Nominal Casing Thickness: 10 mm
 Solids Handling Size: 38 mm
 Operating Speed: MIN: 1400rpm MAX: 2400rpm
 Maximum Head: 28.5 m
 Maximum Capacity: 40 L/sec

