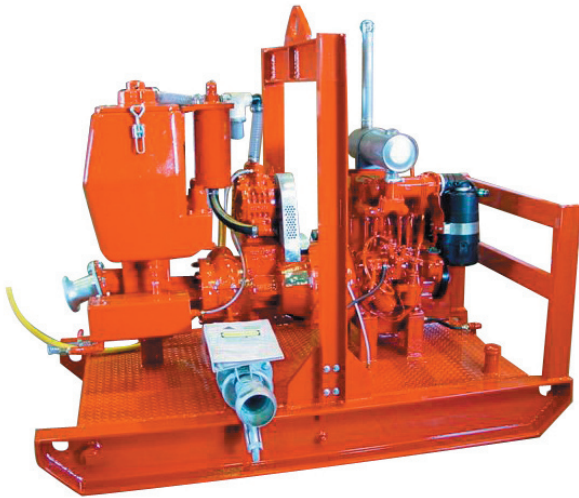




VMX80i

Technical Data



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	

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

