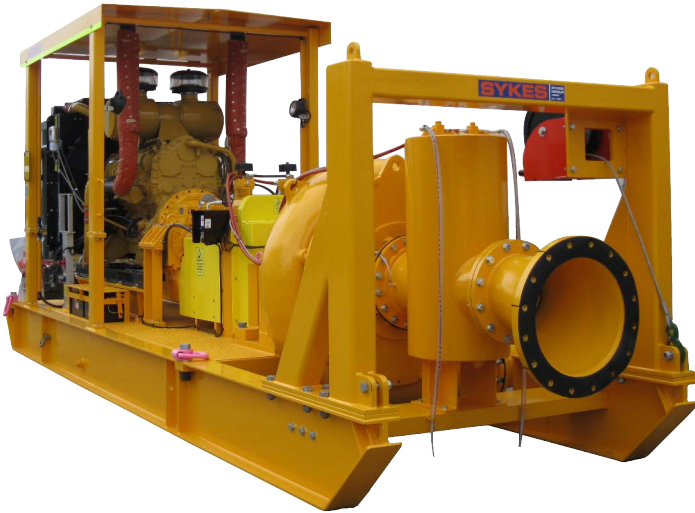




FBP400

Technical Data



Materials of Construction

Pump Casing:	High Chromium Cast Iron ASTM A532
Suction Cover:	SG Iron to AS1831 Grade 400/12
Air Separation Tank:	Carbon Steel ANSI B36.10M
Bearing Bracket:	Cast Iron AS1831
Pump Shaft:	4140 High Tensile Steel
Impeller:	Ni. Cr. Mo. Alloy
Wear Ring:	High Chromium Cast Iron ASTM A532
Sealing Arrangement:	Gland packed
N.R.V. (Ball Type):	400mm Flapper Style NRV

Design Details

Pump Description:	Centrifugal Single Stage, Volute Type, Closed Impeller 4 Vane
Suction Flange:	400mm T/E
Delivery Flange:	350mm T/E
Nominal Casing Thickness:	60mm
Nominal Shaft Diameter:	150mm
Solids Handling Size:	178mm
Operating Speed:	MIN: 450rpm MAX: 550rpm
Maximum Head:	140m
Maximum Capacity:	1130L/sec
Reduction Gearbox Drive:	3:1 Ratio

Fuel Consumption: 70 L/hr @ BEP 450rpm WMR
 Fuel Capacity: 3000 litres, 24hrs @ 550rpm

Pumpset Dimensions

Width: 2715 mm Height: 3980 mm
 Length: 8100 mm Dry Weight: 20,000 kg

Specifications are approximations only and are subject to change without notice.
 No reliance can be made on these approximations

