



REVISION 3 2002-08  
SYKES



# CP100

## Diesel / Electric Drive Auto Prime Contractor Pump

### MATERIALS OF CONSTRUCTION:

Pump Casing:	S.G. IRON
Suction Cover:	S.G. IRON
Air Separation Tank:	S.G. IRON
Bearing Bracket:	S.G. IRON
Pump Shaft:	431 Stainless Steel
Impeller:	316 Stainless Steel
Wearplates:	316 Stainless Steel
Mechanical Seal:	Silicon Carbide / Silicon Carbide
N.R.V. Body (ball type):	S.G. IRON

### DESIGN DETAILS:

Pump Description:	Single Stage, volute type, 3 bladed fully open Centrifugal Pump	
Suction Flange:	100mm	
Delivery Flange:	100mm	
Nominal Casing Thickness:	10mm	
Solids Handling Size:	45mm	
Operating Speed:	MIN: 1000rpm	MAX: 2200rpm
Maximum Head:	35.4m	
Maximum Capacity:	50 L / sec	

### PUMPSET DIMENSIONS (skid mounted):

Width:	900mm	Height:	1300mm
Length:	1710mm	Dry Weight:	834kg

