

2 CUSTOMER SPECIFICATION

General Unit Information

Customer	Interflow Pty Ltd
Sykes Job Number	WO22307
Sykes Serial Number	09YKA15022050-2
Plant Number	-

Pump Information

Pump Type	Yakka150
Pump Size	150 x 150mm
Pumpend Serial Number	0922051-2
Impeller Diameter	Ø255mm

Engine Information

Engine Make	Cummins A2300T
Engine Serial Number	70021719
Tacho Serial Number	-

Electric Motor Information

Motor Make	-
Motor Serial Number	-

Pod Only Information

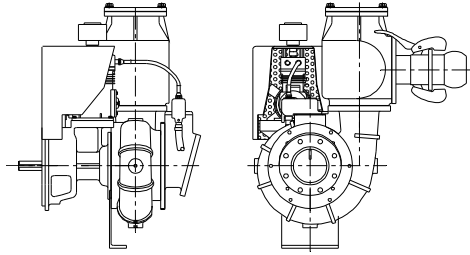
Dry Weight	1760 KG
Wet Weight	1940 KG
Fuel Capacity	205 LTRS

Trailer Information

VIN Number	6T9T26V9780EXJ001
Tyre Type	-
Axle Set Up	-

3 TECHNICAL DATA SHEET

CP150iC Olympic Diesel Drive Compressor Prime Pump



MATERIALS OF CONSTRUCTION

Pump Casing:	SG Iron AS1831 Grade 400/12
Suction Cover:	SG Iron AS1831 Grade 400/12
Tee Piece:	SG Iron AS1831 Grade 400/12
Bearing Bracket:	SG Iron AS1831 Grade 400/12
Pump Shaft:	431 Stainless Steel
Impeller:	316 Stainless Steel
Wear Plates:	316 Stainless Steel
Air Injector:	316 Stainless Steel
Mechanical Seal:	Silicon Carbide / Silicon Carbide
Non Return Valve	150mm Compact Ball Style NRV
Compressor Pulley:	Tooth Belt ½" Heavy Pitch - 36H150
Drive Pulley:	Tooth Belt ½" Heavy Pitch - 28H150
Belt Section:	Timing Belt - 390H150
Compressor Details:	Bendix 2W 440 R Twin-in-line cylinders 75mm x 50mm stroke, air or engine radiator liquid cooled 15cfm (410L/min) at 1000rpm Lubrication from engine oil system.

Ejector Details:

Jet: 23-0568-2016
Nozzle: 23-0571-2016

DESIGN DETAILS

Pump Designation:

CP150iC Olympic
Centrifugal Single Stage,
Volute Type, 2 Bladed Fully
Open Impeller.
150mm Table 'D'
150mm Slotted Table 'D' or 'E'
16mm
40mm
161mm
255mm
255mm
77mm
MIN: 1400rpm MAX: 1800rpm
133l/s
Drive End:
33111 Tapered Roller

Pump Description:

Suction Flange:
Delivery Flange:
Nominal Casing Thickness:
Nominal Shaft Diameter:
Impeller Eye Diameter:
Maximum Impeller O.D.:
Minimum Impeller O.D.:
Solids Handling Size:
Operating Speed:
Maximum Head:
Maximum Capacity:
Bearing Sizes:

Bearing Lubrication:

Pump End:
33111 Tapered Roller
Grease Lubrication Multi Lube
Lithium Grease EP Additives
NLGI #2 or Equivalent

