

# Link Pumps Equipment Datasheet

Pump Number: **PCE736**

Model: **Sykes XH150 PES Stainless**

Suction size (mm): 200

Manufacturer Sykes

Discharge size (mm): 150

Serial No: 0616571-1

Impeller diameter (mm): 560

Driver D0316

Pump Type: Centrifugal - end suction-single stage

Performance Data			BEP					
<b>1800</b>	RPM	<b>Datasource</b>	<b>Flow in</b> litres/second	60	80	100	125	150
<b>260</b>	KW	Curve	<b>Head in</b> metres	174	170	165	150	140

ADDITIONAL INFORMATION		
Accessories	Accessories	Compressor - venturi priming system
	Accessories	Compressor driven off pump shaft with B section NUTLINK V-be
Bearing	Bearing - inboard	NU318EM C3
	Bearing - outboard	Y30317M Timken
	Bearings	Two outboard bearings engineered as a pair with spacers for preload
	Lip Seals	Inpro seals one 75mm and one 90mm
Casing	Suction Flange	200 mm
	Gasket	Clearance impellor to cover plate =0.9mm set by gaskets on cov plate
	Discharge Flange	150 mm
Comments	Comments	Year of Manufacture 06/06
Dimensions	Weight	1070 Kg
Elastomers	O ring size & material	90mm Inpro seal: 1off BS047 - 2off 90 x 2.5mm - 2off 90 x 3 mm BUNA
	O ring size & material	75mm Inpro seal: 1off BS044 - 2off 75 x 2.5mm - 2off 75 x 3 mm BUNA
	O ring size & material	On bearing housing bolts: 12 x 3mm Viton
Impeller	Material	Stainless Steel
	Impeller Type	Closed, 5 vanes
	Max Solids size	
	Measured diameter	560mm on Oct 2008. Eye dia 175mm. Exit width 43mm
Limits	Maximum speed	2000 rpm
Lubricant	Oil	Bearings oil - Hydraulic oil 68
Seal	Mechanical seal	Reconditioned by Stevco Seals and Pumps
	Mechanical seal	Silicon/TC/VIT with glycol bath (anti-freeze)
Shaft	Direction of rotation	Clockwise from coupling end
	Material	Stainless
	Shaft diameter @ Coupling	75 mm
	Key Size	20 x 12 mm
Wear rings	Wear ring clearance	No wearings

Comment



PCE736 Photo after rebuild on March 2009



PCE736 Current photo - H/D mine dewatering setup



PCE736 Current photo on modular set - March 2009