

## DIESEL ELECTRIC DRIVE AUTO PRIME PUMP FBP300 SYKES



The FBP300 is a robust, reliable and high performance pumping solution capable of handling the harshest of conditions with ease. Renowned for it's efficiency and performance, the FBP300 is the right choice when you need a pump that will deliver high performance day-in and day-out.

### KEY FEATURES

- High head
- Heavy-duty skid frame
- Up to 140m head
- 330L/Sec flow capacity
- High chromium steel casing
- Powered by Caterpillar engine

### PUMP SPECIFICATIONS

Maximum Capacity	330L/S
Operating Speed	Min 900RPM Max 1200RPM
Maximum Head	140m
Solids Handling Size	75mm
Discharge Connection	300mm Table E

### CONSTRUCTION MATERIALS

Pumping Casing	High Chromium Steel ASTM A532
Pump Designation	FBP300
Suction Cover	SG Iron To AS1831 Grade 400/12
Pump Description	Centrifugal Single Stage, Volute, 4 Bladed Closed Impeller
Tee Piece	Carbon Steel ANSI B36.10M
Suction Flange	300mm ANSI
Bearing Bracket	Cast Iron AS1831
Delivery Flange	150mm ANSI
Pump Shaft	4140 Steel
Nominal Casing Thickness	60mm
Nominal Shaft Diameter	112mm
Impeller Eye Diameter	200mm
Impeller	Ni Cr Mo Alloy
Wear Ring	High Chromium Steel ASTM A532
Air Injector	316 Stainless Steel
Maximum Impeller O.D.	732mm STD
Sealing Arrangement	Gland Packed
Minimum Impeller O.D.	723mm STD





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### ENGINE SPECIFICATIONS

Engine Speed rpm	Engine Power kW	Torque N·m	BSFC g/kW-hr
2100	597	2714	206
2000	597	2850	202.4
1900	597	3000	200.5
1800	597	3166	198.8
1700	590	3317	198.6
1600	578	3448	200
1500	560	3566	202.4
1400	536	3657	205.7
1300	492	3610	205.8

