



18 Frame Block-Style Stainless Steel Triplex Plunger Pump

Model 1810

FEATURES

Triplex plunger design provides smooth liquid flow.

Oil bath crankcase assures optimum drive-end lubrication.

Close tolerance concentricity of the ceramic plungers maximizes seal life.

Precision stainless steel seat and ceramic ball provide true sphericity and long life.

Stainless Steel Block-Style manifolds provide strength and corrosion resistance.

Optional 15,000 PSI Relieve Valve, Rupture Disc and Pressure Gauge.

SPECIFICATIONS

Flow.....	3 GPM	[11.5 L/M]
Pressure.....	10,000 PSI	[700 BAR]
RPM.....	1500 RPM	[1500 RPM]
Bore.....	0.433 "	[11 mm]
Stroke	1.181 "	[30 mm]
Inlet Pressure FLOODED-60 PSI		[FLOODED-4 BAR]
Max. Temperature...140 F		[60 C]
Inlet Ports [2]... ½ " NPTF		[½ " NPTF]
Discharge Port.[3] 3/8" MP*		[3/8" MP]
Weight	60 LBS	[27.3 kg]
Dimensions... 19.53X12.99X6.44 "		[496X330X163.5 mm]

* Autoclave Engineering Medium Pressure

ELECTRIC HORSEPOWER REQUIREMENTS

FLOW		5000 PSI	7500 PSI	10000 PSI	RPM
GPM	L/M	345 BAR	518 BAR	700 BAR	
3	11.5	10.3	15.5	20.6	1500
2	7.6	6.9	10.3	13.8	1000

Dimensional View

