

Engineering Data

Bore:	3.5" & 3.5"	Min RPM:	500	Number of Belts:	1
Stroke:	2.5"	Max RPM:	1000	Belt Section:	A
Inlet Size:	3/4" NPT	Sheave OD:	14.8		
Discharge Size:	1/2" NPT	Sheave PD:	14.5		

Performance							Nameplate Amp Ratings		
Bare	Model	Motor HP	PSI	RPM	ACFM	BHP	<i>236-1-30</i>		
SS5	SS5L5	5	90	950	18.1	4.4	5HP	19.0	
SS5	SS5L5	5	135	950	15.5	5.0		21.5	

Bare Pump Detailed Specifications

FRAME—The 100% cast iron frame is designed to support the crankshaft. Cylinder bolts directly to the cast iron frame. Frame is completely sealed yet allows for maximum accessibility.

CRANKSHAFT—A unique design supported by two heavy duty ball bearings. Entire shaft is balanced with an integral counterweight to insure smooth operation.

CONNECTING RODS—Solid two-piece design.

CYLINDER—Is 100% cast iron bolted to the frame. The cylinder bores are precision honed for low oil carryover. Radial fins on the cylinder help remove heat and ensure cooling of the cylinder.

PISTONS—Precision balanced aluminum pistons provide smooth operation.

RINGS—There are three piston rings for sealing compression and oil control. The taper faced compression ring and beveled oil scraper ring provide quick seating. A three-piece oil control ring maintains proper lubrication on cylinder wall. Precision honing used in conjunction with the ring stack up means low oil carryover.

FLYWHEEL—The cast iron fan type flywheel forces a "cyclone" air blast to provide cooling for the deep finned cylinders. The flywheel is balanced to keep vibration to a minimum.

LUBRICATION—Splash lubrication of running parts is simple and reliable. Lubrication dippers are integral with connecting rods and cannot come loose.

INLET FILTER—The filter has a durable canister with a dry type 10 micron inlet filter/silencer as standard.

VALVES—Reliable, time proven finger valves are quick acting and made from premium grade stainless steel.