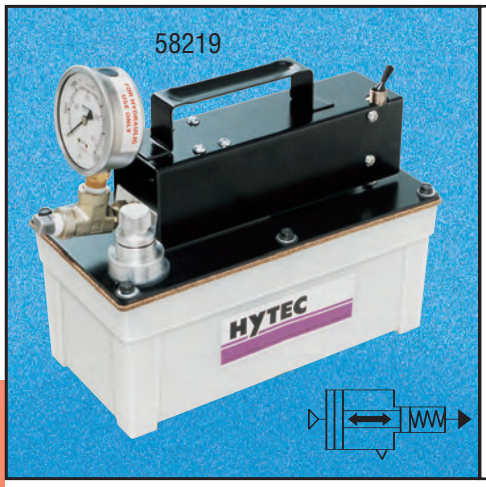
Air/Hydraulic Pumps

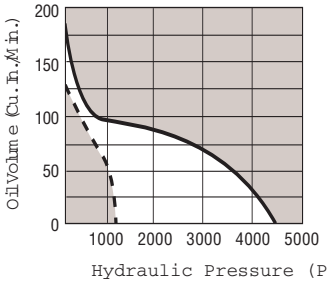


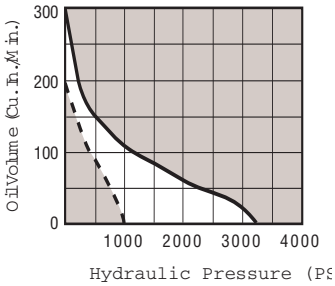
Available with all piston options, this single-stage power source is a continuous pressure, reciprocating, stall-type pump. Air pressure is simply converted to usable hydraulic pressure. Operated by any compressed air source, this pump saves energy by stalling when hydraulic pressure is developed and then requires no additional energy to maintain system pressure.

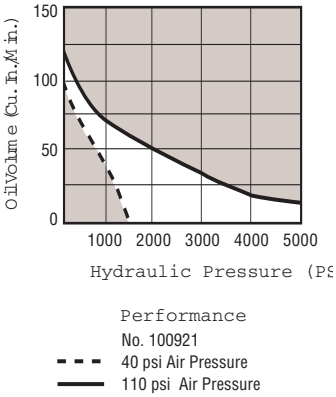
Designed for single acting systems, this pump has a built-in selector valve to choose either the pressurize or release mode. No additional valving is required. An air supply filter/regulator/lubricator (not included) is required for making pressure adjustments.

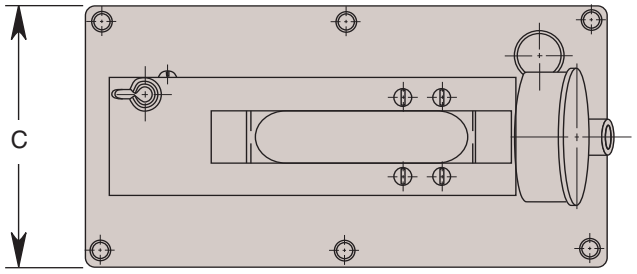
Features:

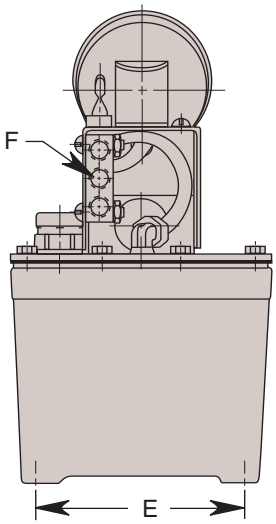
- Filtered fill cap with dipstick
- Liquid filled gauge
- 105 in^3., high-density polyethylene reservoir
- ¼" NPTF outlet port
- ⅛" NPTF air inlet port
- 98 cu. in. usable oil
- Shipped filled with oil
- Carrying handle for easy portability
- Operating Pressure Range (nominal):
  100921- 5,000 psi @ 110 psi air, max.
  1,500 psi @ 40 psi air, min., .375 dia. piston size
  58219- 4,475 psi @ 125 psi air, max.
  1,150 psi @ 40 psi air, min., .437 dia. piston size
  100918- 3,325 psi @ 125 psi air, max.
  925 psi @ 40 psi air, min., .50 dia. piston size

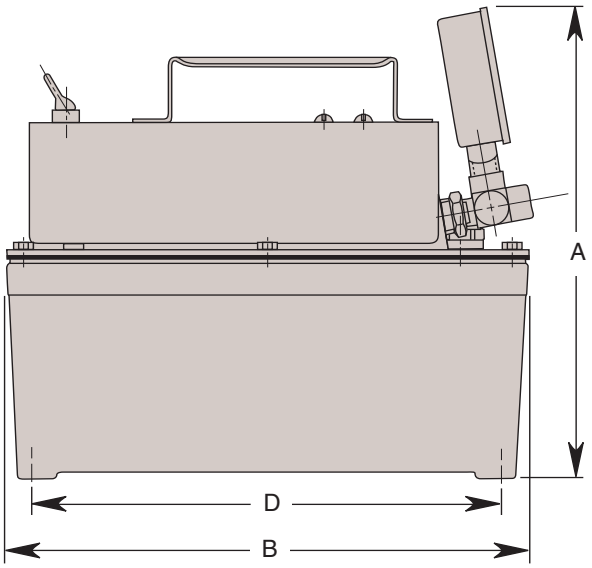












Cat. No.	Specifications			Dimensions (In Inches)					
	Piston Dia.	Operating Pressure Range		A	B	C	D	E	F Air Inlet Port
		@ 125 psi Air Max.	@ 40 psi Air Min.						
100921	.375	5,000	1,500	9.032	10.000	5.000	9.000	4.000	⅛ NPT
58219	.437	4,475	1,150						
100918	.500	3,325	925						

NOTE: Mounting screws included (9-15 x 1.000 Lg.).
AIR REQUIREMENTS: 20 CFM (max.) at low hydraulic pressure decreasing to 0 CFM when pump stalls.