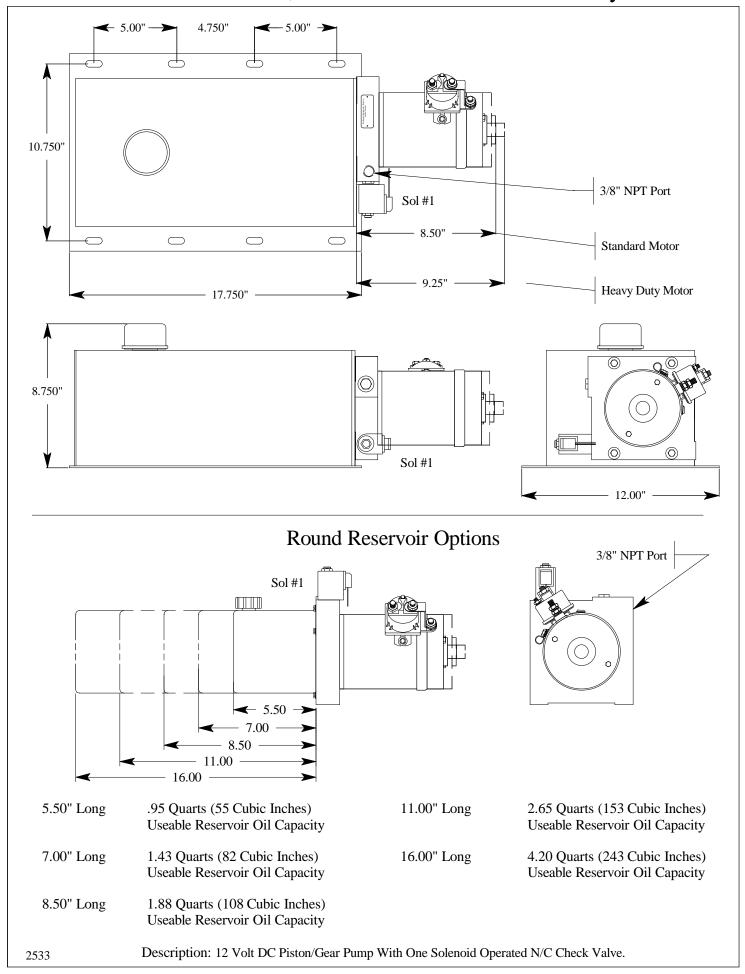
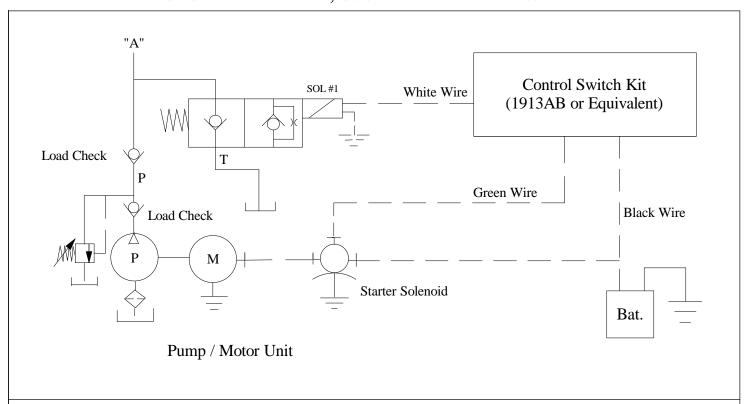
#17 Single Acting Solenoid Valves, 2-Way, NC Check Valves, 3/8" NPT Ports – DC Unit Layout



#17 Single Acting Solenoid Valves, 2-Way, NC Check Valves, 3/8" NPT Ports – Schematic



System Function

Energizing Power unit only, oil is directed to Port "A".

Energizing SOL #1 only, oil is directed from Port "A" back to tank ("T" port).

Valve Characteristics

- 1. Uses one 2-way, N/C P.O. poppet type cartridge valve, solenoid operated.
- Manifold block machined for one
 2-way, cartridge valve and with one 3/8"
 NPT port.

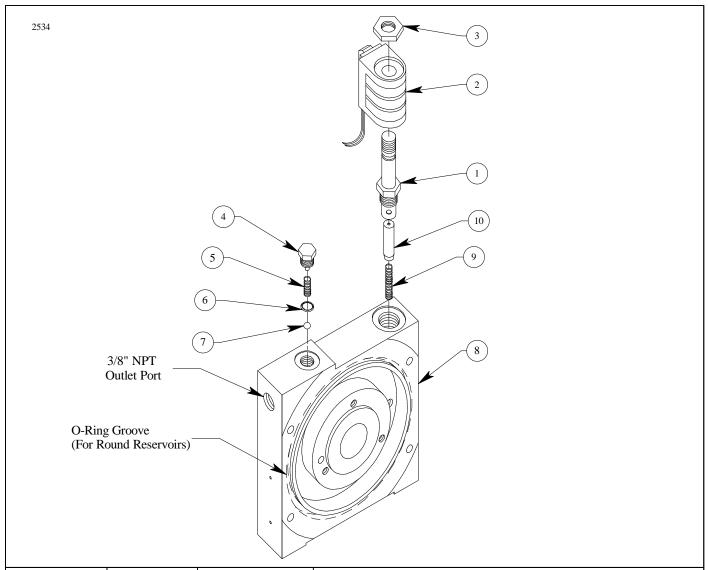
Application

1. Power Up / Gravity Down

Limitations

- 1. This valve may be used in lifting applications with the following precaution :
 - -If valve is used in an application in which a cylinder is to be lowered with a load on it (over-riding load), it should be noted that the loaded cylinder may lower very rapidly (in as little as one (1) second with a heavy over-riding load on the cylinder).
- 2. This valve is not stackable.
- 3. It is recommended that in applications in which a cylinder is to be lowered with a load on it (over-riding load), the #11, #12, 15, or #16 valve is to be used so that complete "control" of cylinder is obtained at all times.
- 4. Horizontal Mounting.

#17 Single Acting Solenoid Valves, 2-Way, NC Check Valves, 3/8" NPT Ports – Assembly



Drawing No.	Part No.	Quantity Req'd	Part Description
1	2703	1	Cartridge Only, 2-Way, 2-Position, N/C Check Valve
2	2705	1	12 Volt Coil
2B	2706	1	24 Volt Coil
2C	2707	1	110 Volt Coil
2D	2708	1	220 Volt Coil
3		1	Cartridge Valve Nut
4	1008	1	Port Stud W/Pin
5	2264	1	Spring, Long Exhaust
6	2540	1	O-Ring, Boss Seal -905
7	1015	1	Bearing, 5/16" Chrome Ball
8	-	1	Manifold, Machined (2519, 2551)
9	2500	1	Flow Control Spring (Optional)
10	2498	1	Flow Control, Pressure Compensated (Optional)