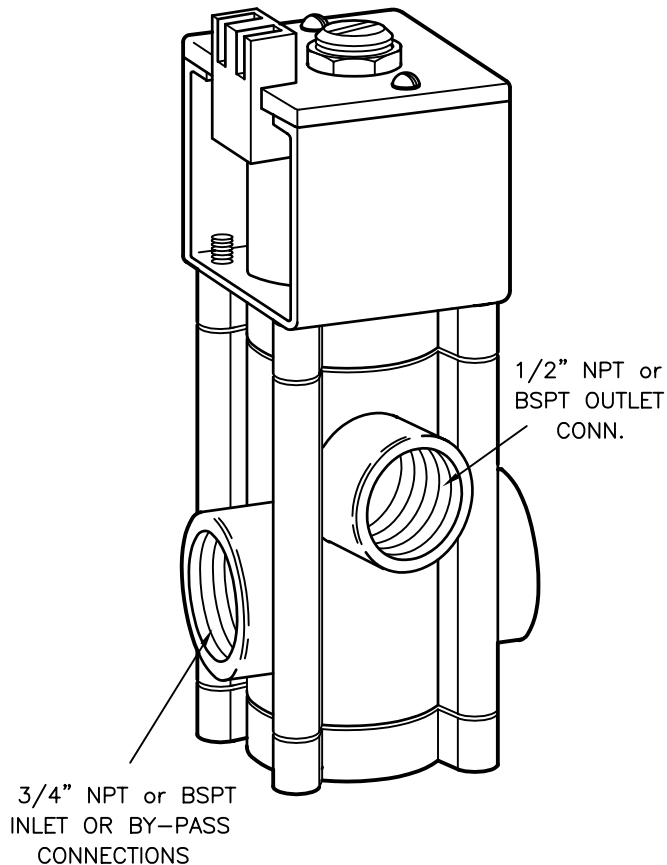


THE AA144A HIGH PRESSURE SOLENOID-OPERATED DIRECTOVALVE WAS SPECIFICALLY DESIGNED TO PROVIDE A REMOTE ON-OFF BOOM CONTROL FOR AGRICULTURAL AND TURF SPRAYERS. IT IS POWERED BY THE RIG'S 12 VOLT D.C. ELECTRICAL SYSTEM AND IS DIRECT ACTING - WITH LARGE INTERNAL FLOW CHAMBERS, THEREBY MAKING IT SUITABLE FOR WETTABLE POWDER APPLICATIONS. THE UNIT IS COMPATIBLE WITH THE SPRAYING SYSTEMS SPRAYER CONTROLS.

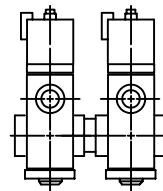


AA144A-1 DIRECTOVALVE BOOM CONTROL VALVE

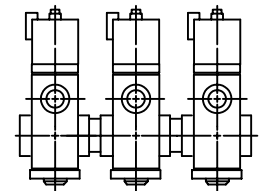
CAN ALSO BE SUPPLIED AS TWO-UNIT ASSEMBLY (AA144A-2) AND AS A THREE-UNIT ASSEMBLY (AA144A-3).

FEATURES INCLUDE:

- OPERATING PRESSURE RANGE 0 TO 100 PSI (0 TO 7.0 bar)
- TWO 3/4" NPT or BSPT(F) INLET CONNECTIONS TO PROVIDE CONTINUOUS BYPASS FLOW.
- 1/2" NPT or BSPT(F) OUTLET TO SPRAY LINE.
- LARGE FLOW CAPACITIES...ONLY 5 P.S.I. (0.35 bar) PRESSURE DROP WITH 10 G.P.M. (37.9 L/min) FLOW.
- COIL CAN BE CHANGED WITHOUT REMOVING VALVE FROM LINE.
- NYLON ENCAPSULATED 12 VDC COIL WITH RECESSED 1/4" QUICK CONNECT TERMINALS... POWER REQUIREMENT 2.5 AMP.
- GOOD CORROSION RESISTANCE.
- POLYPROPYLENE VALVE BODY.
- INTERNAL METAL PARTS ARE STAINLESS STEEL...OTHER METAL PARTS ARE EPOXY COATED OR ELECTROLESS NICKEL PLATED.
- CHEMICAL RESISTANT EPDM SEAT WASHER AND DIAPHRAGMS. (STANDARD), VITON (OPTIONAL)



AA144A-2



AA144A-3

DESCRIPTION:

**AA144A HIGH PRESSURE
SOLENOID OPERATED
DIRECTOVALVE®
CONTROL VALVE**



Spraying Systems Co.®

Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 2

Ref.

Data Sheet No.

144A

SHEET OF