

**MODEL 3403
2-POSITION, 4-WAY
AIR PILOT DIRECTIONAL
CONTROL VALVE 1/4" NPT**

The 3403 consists of a cylinder-cam actuated 2 position, 4-way poppet type valve. A momentary burst of pilot air pressure shifts the 4-way valve to direct the supply air to the chosen directional output.

Weight: 3.7 lb (1.7 kg)

Materials: Die cast silicon bronze and stainless steel

Max. Supply Pressure: 200 psi (13.8 bar)

Operating Temp. Range: -40°C to +90°C

Pipe Port Size: 1/4" NPT

Min. Pilot Pressure: 35 psi

Flow Capacity: 78 SCFM @ 100 psi

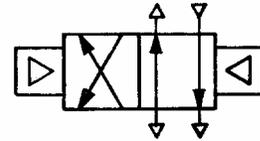
APPLICATIONS:

- Used in remote station command transfer
- Used in the remote control of double acting cylinders, brakes and clutches
- Used wherever a 4-way, air pilot directional control valve is required

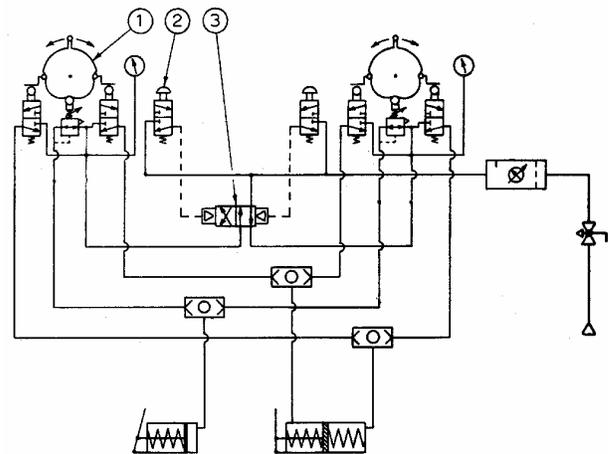
Ordering Number: 3403

A repair kit #3403-RK is available consisting of all seals and gaskets.

Schematic Symbol



**TYPICAL APPLICATION
REMOTE STATION COMMAND TRANSFER**

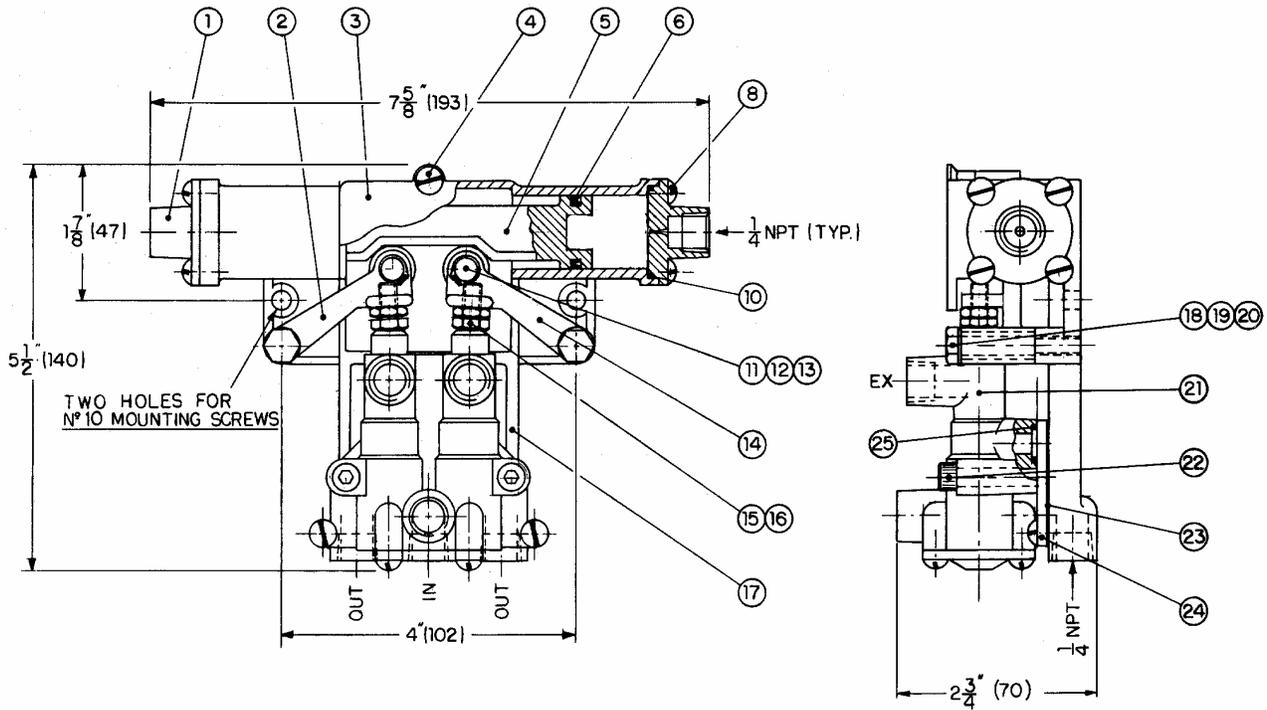


OPERATION DESCRIPTION

When the Push Button Valve #3517 (item #2) is pressed, it sends a momentary air signal to the directional control valve #3403 (item #3). Supply air going to #3403 is then directed to the Dual Function Control Head #2344 (item #1). The control is now at station #1.

When the Push Button Valve #3517 at station #2 is pressed, it sends a momentary air signal to the directional control valve #3403. Supply air going to station #1 is automatically re-directed to the Dual Function Control Head #2544 at station #2. The control is now transferred back to station #2.

DIMENSIONS AND PARTS LIST MODEL 3403



All Dimensions in inches (mm)

Item	Qty	Part Number	Description	Item	Qty	Part Number	Description
1	2	3403-0007	End Cap	14	1	3403-0006	Roller Arm (RH)
2	1	3403-0005	Roller Arm (LH)	15	2	1001-1008	Capscrew
3	1	3403-0004	Cover	16	2	1022-0210	Nut
4	1	1003-0810	Screw	17	1	3403-0001	Frame
5	1	3403-0002	Pilot Piston	18	2	1001-1024	Capscrew
6	2	1102-0007	"U" Cup	19	2	1023-0210	Washer
8	11	1010-0806	Screw	20	2	3403-0009	Bushing
10	2	1101-0024	"O" Ring	21	1	3804	4-way Valve
11	2	2542-0011	Pin	22	2	1002-1028	Capscrew
12	4	1029-1031	Snap Ring	23	1	3609-0013	Gasket
13	2	2543-0009	Roller	24	1	3403-0003	Mounting Plate
				25	3	1101-0012	"O" Ring