SPECIFICATIONS:

Four Way, Directional Control or Selector Valve. 
Dual Air Pilot Operated, Spring Centered. 
Hydraulic Spool Valve.

Maximum System Pressure:
Ports 2(A), 3(P), and 4(B) rated to 3,000 PSI. 
Port 1(T) rated to 1,500 PSI.
Pilot Pressure Range: 80 PSI Min. to 150 PSI Max. 
Pilot to Port 1 (T) Ratio is 68:1 
Ports 2, 3 and 4 are pressure balanced.

Fluid temperature -40°F (-40°C) to 280°F (137.8°C)
Install Cartridge valve using 1" wrench. 
Final tightening to 20 foot pounds torque. 
"Actuator Section" may be rotated independent of 1" wrench hex.

OPTIONS

Standard seals are Buna-N and Teflon. 
Optional seals materials: EPDM, all Teflon, Viton, Kalrez.

Additional optional seal materials available on request. 
Vent to Atmosphere Ports and Options:
Keys 14 Vent to atmosphere, sintered bronze. 
Keys 7 & 20 are additional vents to atmosphere.
T Option provides 10-32 Threaded ports at Key 7 and Key 20 locations.

Material and Material Options:
Standard material includes Aluminum in pilot area. 
Optional all Stainless Materials.

Call for price and delivery on options.

PRESSURE DROP CHART

<table>
<thead>
<tr>
<th>PSI</th>
<th>25</th>
<th>50</th>
<th>75</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>2-1/2</td>
<td>5 GPM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Pilot to Port 1 Ratio: 68:1.
Ports 2, 3 & 4 are balanced.

Cartridge Valve Part Number:
See Functional Symbol (FS-#)
and Order Number on right column.

Cavity Info.:
C-8544 (10-4)
Data Sheet 1200671

Housings & Line Mount Options:
See Data Sheets: 1200675,
1201385, 1202930 or 1202984.

DOERING CO.
P/N 35137068* 

SELECTION

FS-1, Order No. 351370681
FS-2, Order No. 251370682
FS-3, Order No. 351370683
FS-4, Order No. 351370684
FS-5, Order No. 351370685
FS-6, Order No. 351370686
FS-7, Order No. 351370687

4PS SERIES

Three Position 4 Way Spool Valve.
Dual Pilot Operated, Spring Centered. 
Directional Control or Selector Valve.