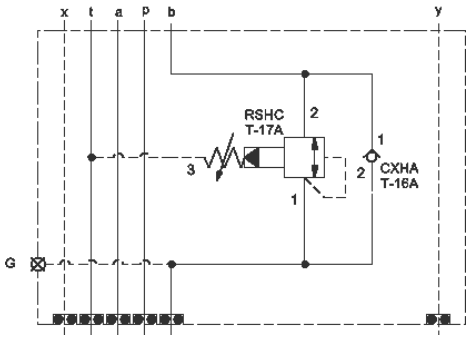
MODEL

**YSGD**

Sequence assembly, with free flow check

**CAPACITY: 60 gpm**

sunhydraulics.com/model/YSGD




This assembly consists of a pilot-operated, balanced piston sequence valve that will supply a secondary circuit with flow once the pressure at the inlet (port 1) has exceeded the valve setting. The pressure setting of a sequence valve controls the pressure at port 1 relative to the pressure at the drain (port 3). These valves are insensitive to back pressure at port 2 (sequence), up to the valve setting. They may be used to regulate pressure in place of 2-port relief valves if there is pressure in the return line. Additionally the assembly also provides a reverse flow check valve.

## TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

**NOTES:**

- ***Important:*** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
- For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

## CONFIGURATION OPTIONS

**Model Code Example: YSGDLANCA**

| CONTROL | (L) |
|---|---|
| **L** | Standard Screw Adjustment |

| ADJUSTMENT RANGE | (A) |
|---|---|
| **A** | 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting |

| SEAL MATERIAL | (N) |
|---|---|
| **N** | Buna-N |
| **V** | Viton |

| PRIMARY CARTRIDGE | (C) |
|---|---|
| **C** | C (with RSHC primary cartridge, Pilot-operated, balanced piston sequence valve) |
| **C** | C (with RSHC8 primary cartridge, Pilot-operated, balanced piston sequence main stage with integral T-8A control cavity) |

## INCLUDED COMPONENTS

| Part | Description | Quantity |
|---|---|---|
| 340-003* | Pipe Plug | 1 |
| 500-001-114* | O-Ring | 2 |
| 500-001-121* | O-Ring | 4 |
| 811-001-002* | Locating Pin | 1 |
| A330-006-006* | SAE Plug | 1 |
| CXHAXCN | Cartridge | 1 |
| RSHCLAN | Cartridge - Primary | 1 |