



Relief assembly with reverse flow check

CAPACITY: 50 gpm

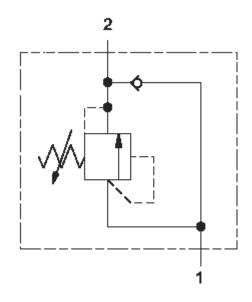


sunhydraulics.com/model/YCFC

This assembly provides 2 functions. It relieves pressure from (port 1) to (port 2) when pressure at port 1 exceeds the setting of the valve and incorporates a check valve that allows reverse flow from port 2 to port 1.

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

| Body Type | Line mount |
|------------------------|------------|
| Capacity | 50 gpm |
| Mounting Hole Diameter | .28 in. |
| Mounting Hole Depth | Through |
| Mounting Hole Quantity | 2 |



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.

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CAPACITY: 50 gpm

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OPTION SELECTION EXAMPLE: YCFCLANCJ

CONTROL (L) ADJUSTMENT RANGE (A) SEAL MATERIAL (N)

| L C | Standard Screw Adjustment Tamper Resistant - Factory Set | A | 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting | N V | Buna-N Viton |
|-------------|---|---|--|--------------|-----------------|
| F W Y | Hex Head Screw with Locknut Hex Wrench Adjustment Tri-Grip Handknob | В | 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting | | |
| | | D | 25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting | | |
| | | E | 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting | | |
| | | N | 60 - 800 psi (4 - 55 bar), 400 psi (28 bar) Standard Setting | psi (28 bar) | |
| | Q W | Q | 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting | | |
| | | W | 150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting | | |

PRIMARY CARTRIDGE (C)

| С | 30 psi (2 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve) |
|---|--|
| В | 15 psi (1 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve) |
| D | 50 psi (3,5 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve) |
| E | 75 psi (5 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve) |
| F | 100 psi (7 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve) |
| Z | 1 psi (0,07 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve) |
| Α | 4 psi (0,3 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve) |
| Α | 4 psi (0,3 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve) |
| Z | 1 psi (0,07 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity) |
| F | 100 psi (7 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity) |
| E | 75 psi (5 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity) |
| F | 100 psi (7 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve) |
| D | 50 psi (3,5 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve) |
| Α | 4 psi (0,3 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity) |
| В | 15 psi (1 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve) |
| С | 30 psi (2 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve) |
| В | 15 psi (1 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity) |
| E | 75 psi (5 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve) |
| С | 30 psi (2 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity) |
| Z | 1 psi (0,07 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve) |
| D | 50 psi (3,5 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity) |

INCLUDED COMPONENTS

| Part | Description | Quantity |
|---------|---------------------|----------|
| CXFAXCN | Cartridge | 1 |
| RPGCLAN | Cartridge - Primary | 1 |

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