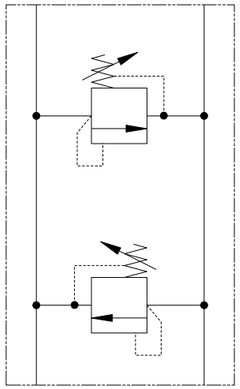
# CRV-10 - Relief valve

Cross port
76 L/min (20 USgpm) • 17-210 bar (250-3000 psi)



## Operation

This standard valve package is used to provide pressure relief for bi-directional motors and cylinders.

## Features

Tamper proof and adjustable relief options. Aluminum in-line type housing.

All components in the package are true cartridges and can be removed from the housing without disturbing the plumbing.

## Performance data

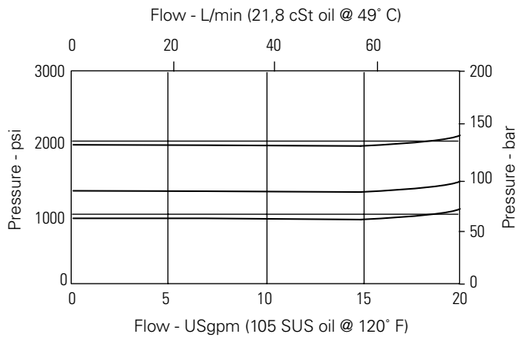
**Ratings and specifications**

| *Performance data is typical with fluid at 21,8 cST (105 SUS) and 49°C (120°F)* | |
|---|---|
| Typical application pressure (all ports) | 17-210 bar (250-3000 psi) |
| Flow rating | 76 L/min (20 USgpm) |
| Reseat pressure | 90% of crack pressure |
| Temperature range | -40° to 120° C (-40° to 248° F) |
| Fluids | All general purpose hydraulic fluids such as: MIL-H-5606, SAE 10, SAE 20, etc. |

## Description

Cross port relief valve.

## Pressure override






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**Model code** CRV – 10 (V) – * – A ** – ** / ** – 00

1 2 3 4 5 6 7 8 9

## 1 Function

**CRV** - Cross-port relief valve

## 2 Size

**10** - 10 size

## 3 Seal material

**Blank** - Buna-N
**V -** Viton®

Viton is a registered trademark of E.I. DuPont

## 4 Relief control

**C** - Cap
**K** - Knob
**S** - Screw

## 5 Valve housing material

**A** - Aluminum

## 6 Port size

| Code | Port size | Housing number |
|---|---|---|
| 3G | 3/8" BSPP | 02-178476 |
| 8T | SAE 8 | 889185 |

## 7 Pressure Range

**Note: Code based on pressure in psi.**

**6** - 6-40 bar (100-600 psi)
**36** - 40-250 bar (600-3600 psi)

## 8 Pressure Setting -

user requested in 50 PSI steps
Example:

**10** - 1000 psi
**10.5** - 1050 psi

## 9 Special Features

00 - None

(Only required if valve has special features, omitted if "00".)

## Composition chart

| Cartridge | Description | Quantity |
|---|---|---|
| RV3A-10-*-0-** | Relief valve | 2 |

## Dimensions

mm (inch)

