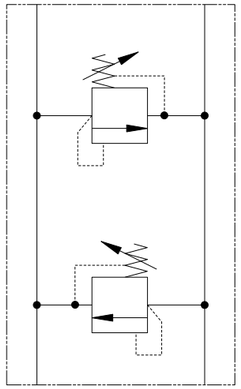
CRV-16 - Relief valve

Cross port
303 L/mim (80 USgpm) • 17-172 bar (250-2500 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.

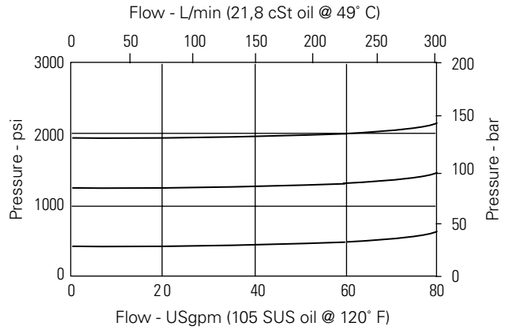
Performance data

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)	17-172 bar (250-2500 psi)
Flow rating	300 L/min (80 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



CRV-16 - Relief valve

Cross port
303 L/mim (80 USgpm) • 17-172 bar (250-2500 psi)

Model code

CRV – 16 (V) – * – A *** – ** / ** – 00

1 2 3 4 5 6 7 8 9

1 Function

CRV - Cross-port relief valve

2 Size

16 - 16 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
8G	1" BSPP	02-178477
16T	SAE 16	889189

7 Pressure range

Note: Code based on pressure in psi.

25 - 17-175 bar (250-2500 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-16-*-0-**	Relief valve	2

Dimensions

mm (inch)

