



Flow Control Valves Technical Information

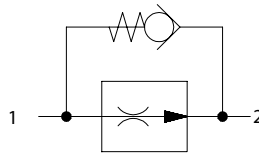
In-line CP9014-1

OPERATION

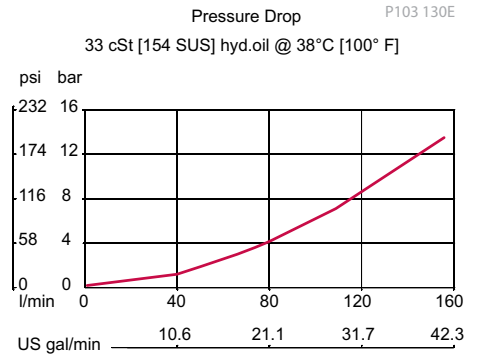
This is an in-line restrictive type flow control valve with free reverse flow.

SPECIFICATIONS

Schematic

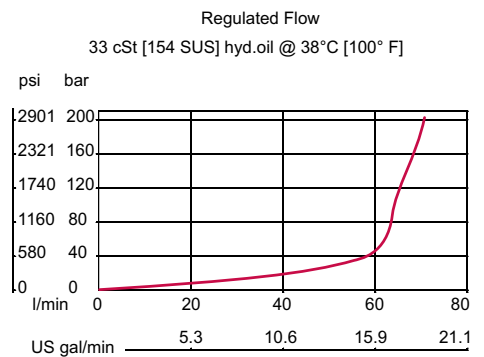


Theoretical performance



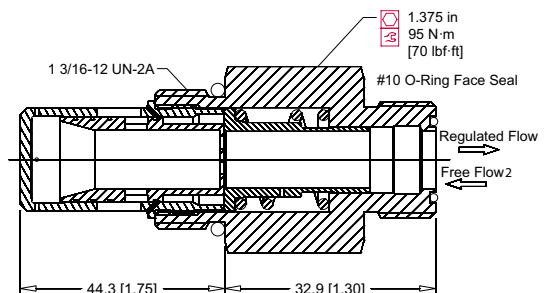
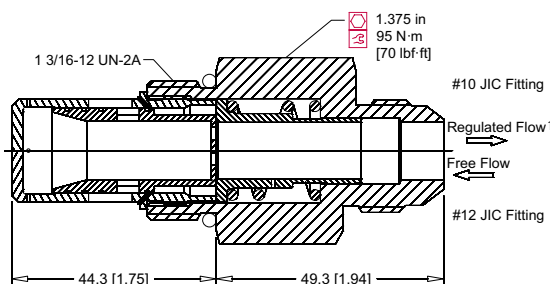
Specifications

Pressure rating	207 bar [3000 psi]
Rated Free Flow at 7 bar [100 psi]	113 l/min [30 US gal/min]
Max regulated flow	106 l/min [28 US gal/min]
Cavity	Modified SAE #14 port



DIMENSIONS

mm [in]



ORDERING INFORMATION

CP9014-1-B-10-24

Seals	Seal kit
B = Buna-N	720025
V = Viton	720363

Flow Setting

	l/min	USgal/min
18	= 68.1	18
24	= 90.8	24
28	= 106.0	28

Consult factory for complete list of flows.

Connection (Port2)

10	= #10SAE37° JIC Fitting	7/8-14UNC-2A
12	= #12SAE37° JIC Fitting	11/16-12UN-2A
FS10	= #10SAEO-Ring Face Seal	17/16-12UN-2A