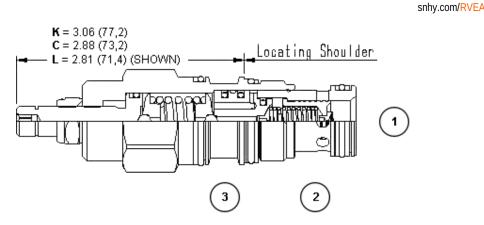


MODEL **RVEA** 



1



Ventable, pilot-operated, balanced piston relief cartridges are normally closed pressure regulating valves. When the pressure at the inlet (port 1) reaches the valve setting, the valve starts to open to tank (port 2), throttling flow to regulate the pressure. They provide a vent port (port 3) that connects between the main piston and pilot stage to provide for remote control by other pilot or 2-way valves. These valves are accurate, have low pressure rise vs. flow, they are smooth and quiet, and are moderately fast.

## **TECHNICAL DATA**

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

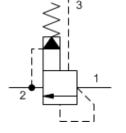
Factory Pressure Settings Established at	15 L/min.		
Maximum Operating Pressure	350 bar		
Control Pilot Flow	0,16 - 0,25 L/min.		
Response Time - Typical	10 ms		
Maximum Valve Leakage at 110 SUS (24 cSt)	50 cc/min.@70 bar		
Adjustment - Number of Clockwise Turns to Increase Setting	5		
Locknut Hex Size	15 mm		
Locknut Torque	9 - 10 Nm		
Seal kit - Cartridge	Buna: 990202007		
Seal kit - Cartridge	EPDM: 990202014		
Seal kit - Cartridge	Polyurethane: 990002002		
Seal kit - Cartridge	Viton: 990202006		

For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel. NOTES

## **CONFIGURATION OPTIONS**

## Model Code Example: RVEALAN

CONTROL	(L)	ADJUSTMENT RANGE (A	<u>4) S</u>	SEAL MATERIAL	(N)	MATERIAL/COATING
<ul> <li>L Standard Screw Adjustment</li> <li>C Tamper Resistant - Factory Set</li> <li>K Handknob</li> <li>O Handknob with Panel Mount</li> </ul>		<ul> <li>A 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting</li> <li>W 150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting</li> <li>B 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting</li> </ul>		<ul> <li>N Buna-N</li> <li>E EPDM</li> <li>V Viton</li> </ul>		Standard Material/Coating /AP Stainless Steel, Passivated
		<ul> <li>C 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting</li> <li>D 25 - 800 psi (1,7 - 55 bar), 400 psi (28</li> </ul>				
Created on 04/03/2017	© 20	bar) Standard Setting E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 D17 Sun Hydraulics Corporation		ee www.sunhydraulics.com for det	ailed	product information 1 of



uar) Stanuaru Setting