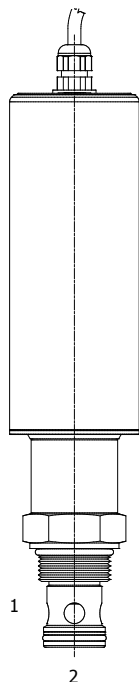


**AJ-RVR** MOTORIZED PILOT OPERATED RELIEF VALVE**DESCRIPTION**

16 size, 1 5/16-12 thread, "Super" series, motorized adjustable pilot-operated pressure relief valve.

**OPERATION**

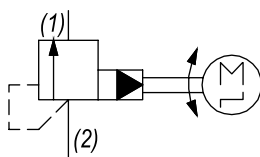
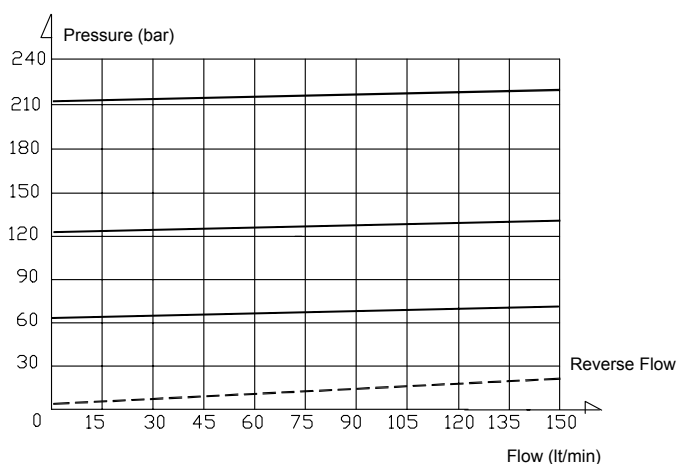
The AJ-RVR blocks flow from (2) to (1) until sufficient pressure is present at (2). The setting of the AJ-RVR can be adjusted to any value between 14 and 245 bar (200-3500 PSI) applying electrical power to the motor. The setting does not change unless the electrical motor is activated. Reverse flow (1) to (2) occurs when the pressure at (1) is at least 2.1 bar (30 PSI) higher than at port (2).

**FEATURES**

- Hardened parts for long life.
- Industry common cavity.
- Fine low-torque adjustment.



Adjustable via 12/24 VDC signal, no electronic driver required. A built-in position transducer with an analog output is available on request.

**HYDRAULIC SYMBOL****PERFORMANCE****VALVE SPECIFICATIONS**

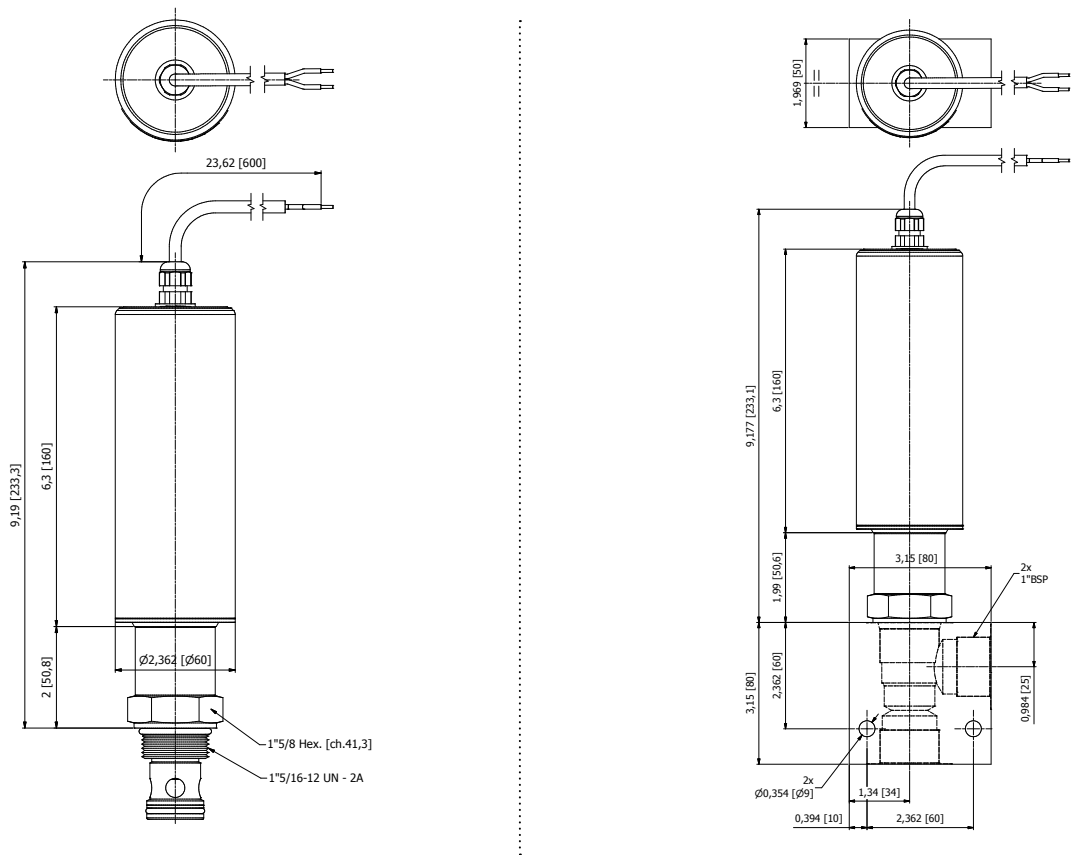
Max Controlled Flow	37 GPM (140 LPM)
Max Operating Pressure	3500 PSI (241 bar)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	2.24 lbs (1.02 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	90 ft-lbs (122 Nm)
Current Draw	300 mA (12 VDC) / 150 mA (24 VDC)
Electrical Connection	Double lead wire - Length: 50-60 cm
Cavity	SUPER 2W
Cavity Tools Kit (form tool, reamer, tap)	40500017
Seal Kit	21191400

Gear ratio options (see ordering code)	Response time (full closed to full open)
250	12 sec.
500	27 sec.

**WARNING:** the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

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DIMENSIONS



(for bodies style and sizes see section "Accessories")

ORDERING INFORMATION

AJ-RVR -		-		-		-	
<b>OPTIONS</b>		<b>GEAR RATIO</b>		<b>VOLTAGE</b>		<b>BODIES</b>	
Buna Standard 00		R250		24		Without Body	
		R500		12		3/4" BSP Ports	
						#12 SAE Ports	