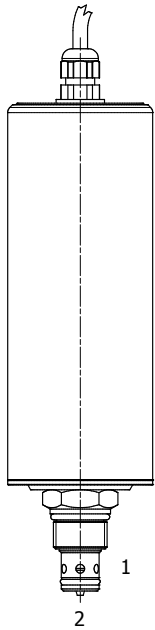


AE-NVA MOTORIZED NEEDLE FLOW CONTROL VALVE



DESCRIPTION

10 size, 7/8-14 thread, "Delta" series, motorized needle flow control valve.

OPERATION

The AE-NVA can be adjusted to any position between fully open and fully closed applying electrical power to the motor. The amount of valve opening does not change unless the electric motor is activated. When adjusted open, the valve allows flow from (1) to (2) and (2) to (1). When fully closed the valve blocks flow from (1) to (2) and (2) to (1).

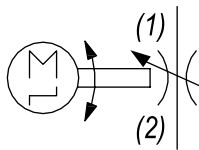
FEATURES

- Hardened parts for long life.
- Industry common cavity.

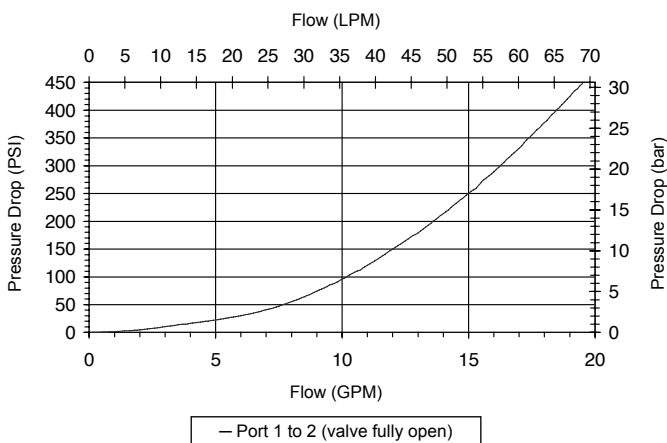


Product when adjusted fully closed does not close to zero flow. (.5 to 1 GPM @ 200 PSI)

HYDRAULIC SYMBOL



PERFORMANCE



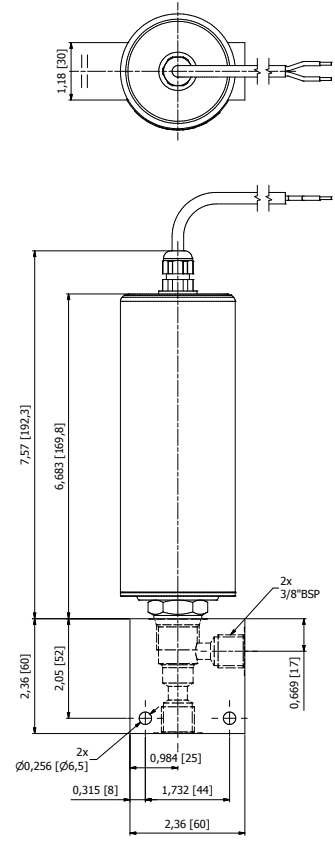
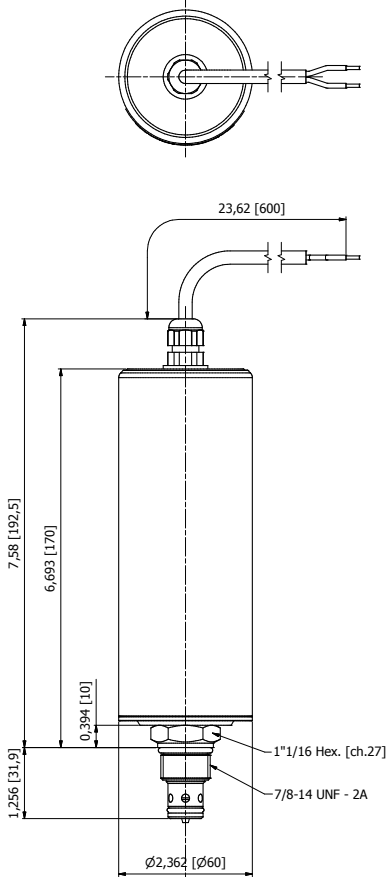
VALVE SPECIFICATIONS

Nominal Flow	10 GPM (38 LPM)
Rated 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	1.68 lbs (.76 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (40.6 Nm)
Travel Time at Rated Voltage	10-12 sec Min. to Max. Setting
Power Requirements	5 Watts
Allowable Input Voltage	80% - 120% of Rated
Cavity	DELTA 2W
Cavity Form Tool (Finishing)	40500000
Seal Kit	21191200

Gear ratio	Response time (full closed to full open)
100	12 sec.
250	28 sec.
500	55 sec.

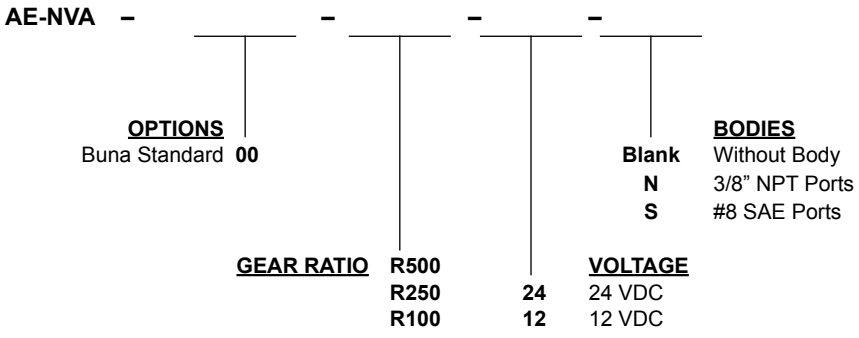
WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

DIMENSIONS



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

ORDERING INFORMATION



Note: Dual lead termination (60 cm long.)

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