

Models: SR	Category: Non-Capacity Type Solenoid Pump Application: Oil Series Classification: Flow (Plunger) Type
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FEATURES:

- These popular non-capacity type solenoid pump models are in the most commonly used configuration for adjustable flow rate oil applications.
- The output flow rate on these NIPCON solenoid pump models may be controlled by pulse width modulation (PWM) or pulse frequency modulation (PFM) or by phase drive circuits.
- Every pump model in this series can be adapted at the factory for use with one of four different input voltages. For the two AC input voltage options, usually the pump output pressure is generated when a half-wave AC voltage is applied. However, it is also possible to control these pumps by a phase control method. For the two DC input voltage options, multi-step pressure control as well as linear control is possible by using a pulse width modulation (PWM) or pulse frequency modulation (PFM) circuit board.

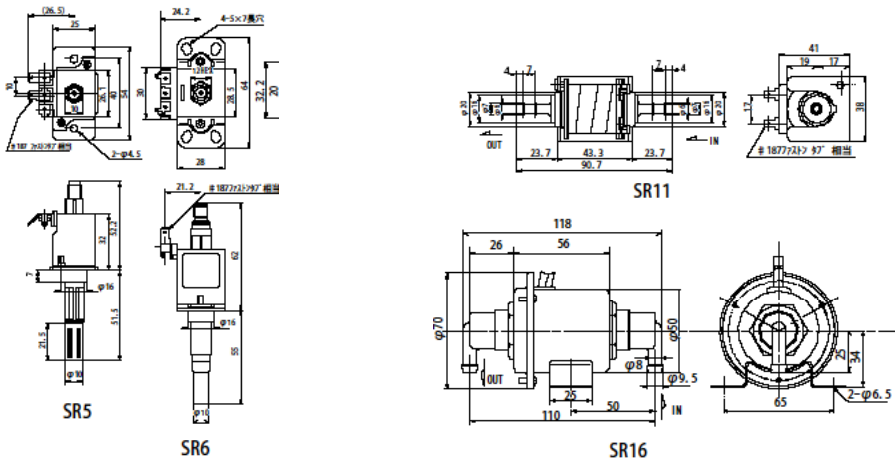


PRIMARY APPLICATIONS:

- Used to transfer light oils and fuels at various flow rates.

SPECIFICATIONS:

SPECIFICATIONS / MODELS	SR5	SR6	SR11	SR16
Power Sources	120 / 230VAC (50 / 60Hz) [Half-Wave Rectifier or a Phase Control Drive Circuit Board or a Pulse Width Modulation Circuit Board is Required] 12 / 24VDC [Pulse Width Modulation Circuit Board or Pulse Frequency Modulation Circuit Board is Required]			
Power Consumption (Typical)	10 VA	10 VA	12 VA	30 VA
Maximum Free Flow Rate	< 1 L / h (< 0.26 gal / h)	< 5 L / h (< 1.32 gal / h)	< 24 L / h (< 6.34 gal / h)	< 120 L / h (< 31.7 gal / h)
Maximum Pressure (No Flow)	50 kPa (7 psi)	50 kPa (7 psi)	100 kPa (14 psi)	150 kPa (21 psi)
Suction Level	< 1 M (< 3.3 ft)			
Operating Temperature	-20 ° C ~ 40 ° C (-4 ° F ~ 104 ° F)			
Piping Connection Sizes	Please Refer to the Diagrams on the Following Page			
Mounting Thread	Please Refer to the Diagrams on the Following Page			
Weight	90 g (3.17 oz)	100 g (3.53 oz)	160 g (5.64 oz)	470 g (16.58 oz)



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