

PSR35 Series Example - PSR35102

Technical Data	
Application	Hydraulic valves
Model	PSR35102 - 02 PSR35102 - 04
Voltage	12 V 24 V
Rated Current	1.0 A 0.5 A
Resistance @ 20 deg. C	6.6 Ohms 26.4 Ohms
Rated Power	6.6 Watts @ 20 deg. C
Duty Cycle	100 %
Proportional Stroke	2.0 mm
Total Stroke	2.7 mm Nominal
Rated Force	28.0 N
Hysteresis	See diagram on reverse
Ambient Temperature	80.0 deg. C max.
Pressure Rating	250 Bar
O - Rings	Viton
Surface Protection	Zinc & Passivate
Insulation Class	F
Protection Class	IP65
Armature Weight	25.0 g
Total Weight	380.0 g

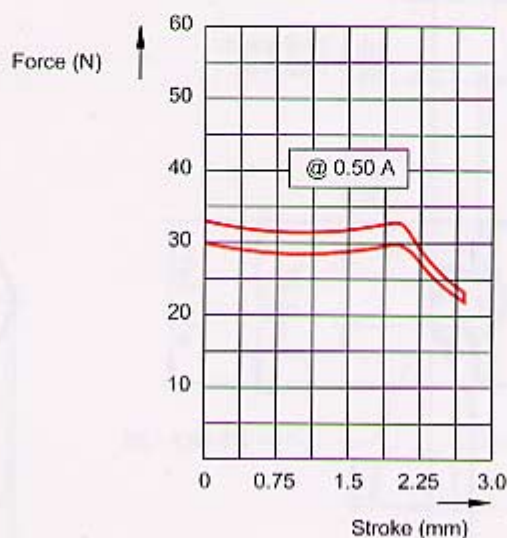
Optional Features	
Electrical Connections	Flying Lead, Junior Timer
Manual Override	Optional
Bleed Screw	Optional
Mechanical Interface	To suit customer specification
Coil Resistance	To suit customer specification



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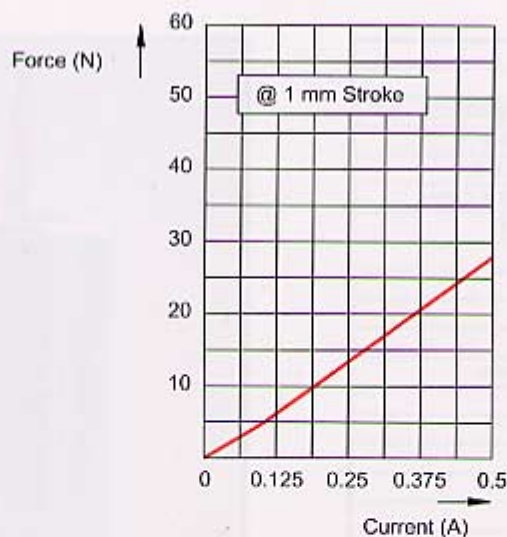
PSR35 Series Proportional Solenoid

Force/Stroke Characteristic



24 V Example
Tested @
Rated current
PWM supply

Force/Current Characteristic



24 V Example

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