

Proportional Solenoid Valve

KLPV-HP



Valve Type : 2-Way Normally Closed
Electrical Connection : Flying Wire Leads
Power Consumption : 5 watts or 14 watts (max)
Voltage Range : 24 VDC
Orifice Size(mm) : 1, 1.5, 2, 3 and 3.5
Prot Types : G1/4"
Seal Material : Viton
Wetted Materials : Cold rolled stainless steel w/ electroless nickel plating, brass and 304 stainless steel
Temperature Range : -320 to 120°F (-196 to 50°C)
Maximum Hysteresis : 10-15% of full current (varies with max flow)
Flow : 0~300 LPM of Air
Leak Rate : Bubble Tight Seal
Weight : 300g
Filtration : 40 Micron

We offer high flow small size proportional valves. This non-spool design uses a moving part to ensure frictionless performance and a lifespan of up to 10 million cycles. This design ensures easy maintenance and cleaning. Our valve bodies are resistant to high and low temperatures, showing the same performance in different environments, suitable for air, hydrogen, oxygen. Mounting options provide in-line and manifold options.

Ordering Code

KLPV — HP — P — 24 — —

Power Consumption

5	5W
14	14W

Code	Orifice	Max. Inlet Pressure (bar)		Max. Flow(L/min)	
		5W	14W	5W	14W
10	1 mm	43	35	16 @3bar	30 @3bar
15	1.5 mm	22	25	33 @3bar	70 @3bar
20	2 mm	10	15	54 @3bar	125 @3bar
25	2.5 mm	6	-	95 @3bar	-
30	3 mm	2	9.5	105 @2bar	230 @3bar
35	3.5 mm	1	4	78 @1bar	310 @3bar



Kao Lu Enterprises Co., Ltd. TEL:886-4-24874219 · 24860626
Genn Dih Enterprises Co., Ltd. FAX:886-4-24864269 · 24862824
Web:www.genndih.com E-mail:genndih@ms43.hinet.net
No. 17, Lane 822, Sec. 2, Zhongxing Rd., Dail Dist., Taichung City 41244, Taiwan(R.O.C)

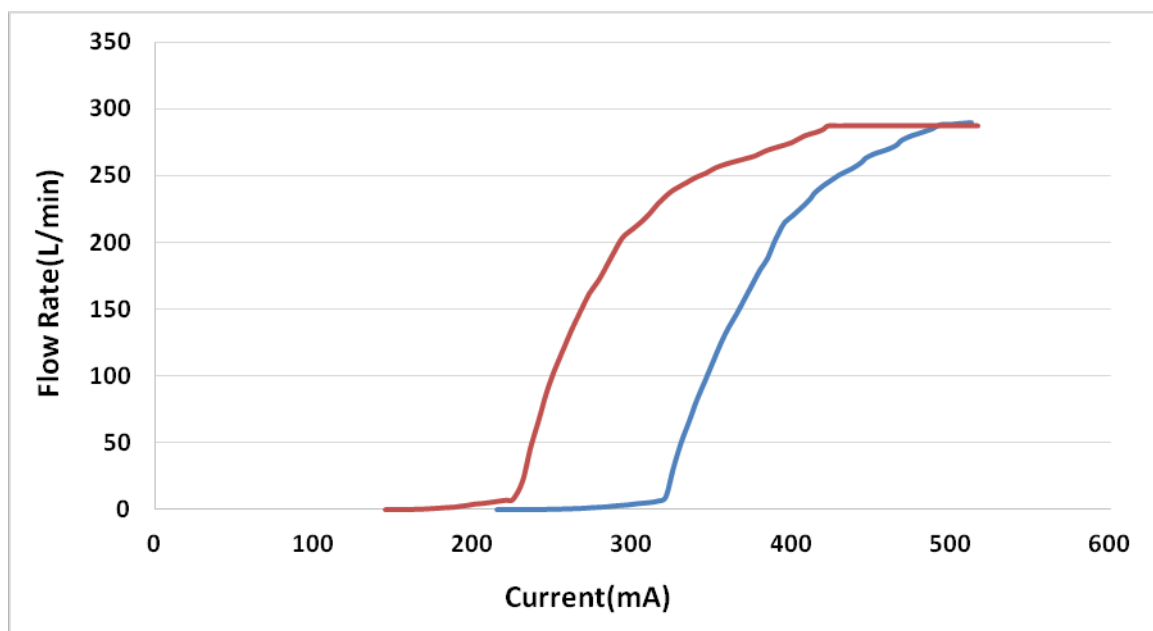
Proportional Solenoid Valve

KLPV-HP

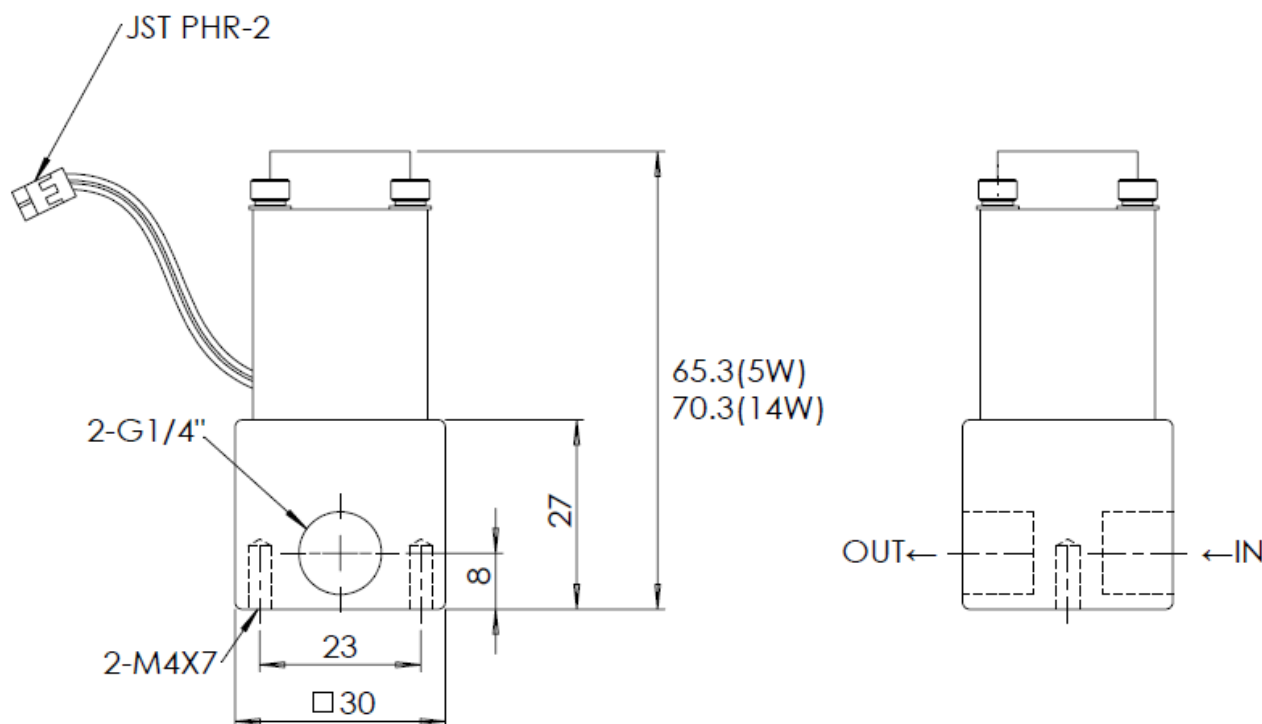


Typical Performance Characteristics

14W (inlet@3bar, orifice: 3mm, tube I.D.: 10mm)



Dimensions (mm)



Kao Lu Enterprises Co., Ltd. TEL:886-4-24874219 · 24860626
Genn Dih Enterprises Co., Ltd. FAX:886-4-24864269 · 24862824
Web:www.genndih.com E-mail:genndih@ms43.hinet.net
No. 17, Lane 822, Sec. 2, Zhongxing Rd., Dail Dist., Taichung City 41244, Taiwan(R.O.C)