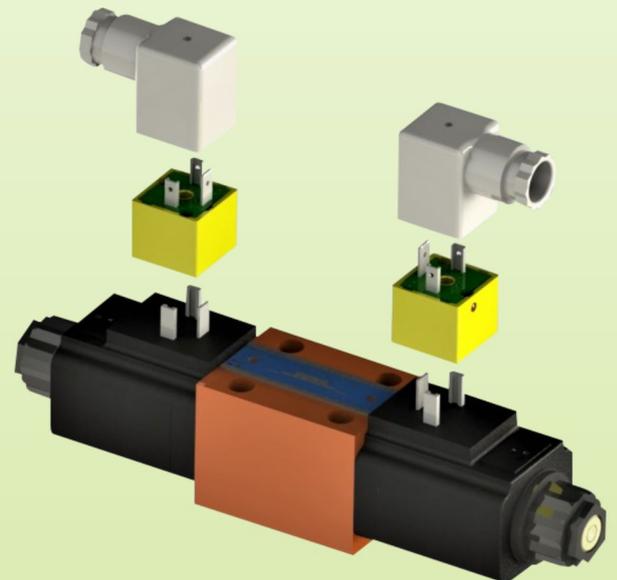


# Save 70% energy Payback in 12 Months!!!



PS-DSG-01 is an add-on to our reliable and proven DSG-01 \*\*50 series solenoid operated directional valves. These valves are specially designed to reduce power consumption. Standard valves installed on machines can be retrofitted with interchangeable adapters that can be ordered separately.

Model number	PS – DSG -01
Max. Flow (lpm)	40
Max. Operating Pressure (kgf/cm <sup>2</sup> )	250
Max. T-Line Back Pressure (kgf/cm <sup>2</sup> )	160
Max. Changeover Frequency (cycles/min)	60
Mass (kg)	2.2 (2B - 1.6)



Coil Type		D12	D24
Voltage (V)	Source Rating	12	24
	Serviceable Range	10.8 - 13.2	21.6 - 26.4
Current & Power at Rated Voltage	Startup Current (A)	2.2	1.1
	Holding Current (A)	0.68	0.34
	Power (W)	8	8

Principle of working:

Designed to automatically reduce holding current after valve shifting, reducing the power drawn by the valve solenoid.



### Power Curve for Std and PS-DSG



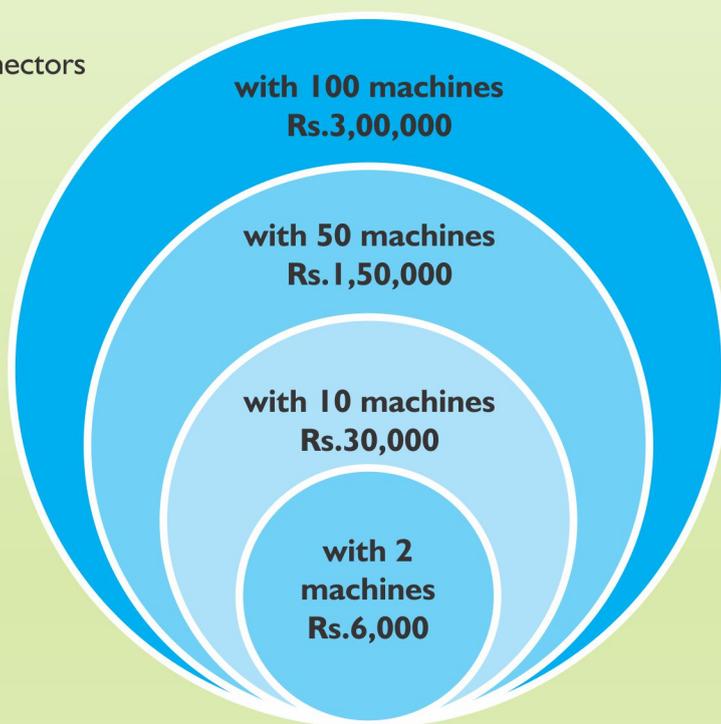
### Benefits

- Lower Power Consumption
- Lower running cost
- Reduced solenoid heating
  - Increase in coil's life
- Interchangeable design with standard connectors for easy replacement.

### Potential Annual Monetary Benefits

#### Assumptions:

- Machine works 25 days/month
- Machine works 20 hrs/day
- 2 valves/machine
- 2 solenoids/valve
- on time: 10s; off time: 5s



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