

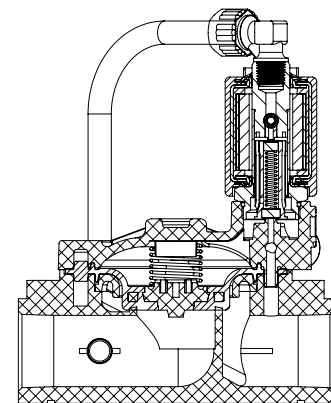
GEM-SOL® | S32 (GEM-S-4)

Upstream Pilot Control Integrated with GEM-SOL® Operator 3/4" - 2" 2 Way NC

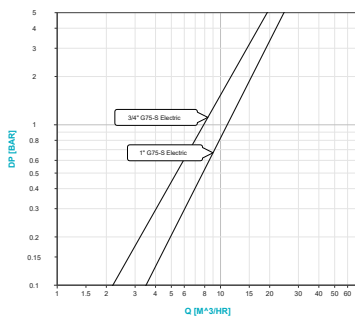
Technical Data

Function	2 Way NC
Ports size	3/4", 1", 1-1/2", 2" BSPT & NPT
Connection	Female BSPT or NPT thread
Pressure range	3/4", 1": 0.4 to 10bar 1-1/2", 2": 0.3 to 10bar
Temperature range	Fluid: 5°C to 50°C (no freezing) Ambient: -10°C to 50°C
Solenoid	GEM-SOL® (GEM-OG)
Materials in contact with media	Manual override: Plastic (Reinforced Nylon) Body & cover: Plastic (Reinforced Nylon) Spring: Stainless Steel AISI 302 Diaphragm: NR : 3/4", 1" EPDM : 1-1/2", 2" Seals: NBR Screws: Stainless Steel AISI 304 Solenoid: Stainless Steel AISI 300 & 400 series
Coil voltage	- Voltage and power consumption - see table - All Baccara coil voltages are $\pm 10\%$ of nominal
Standard protection class	IP65 with connector * Option: IP68 (please refer to GEM-BP Coil)

- Progressive opening and shut off that prevents water hammer

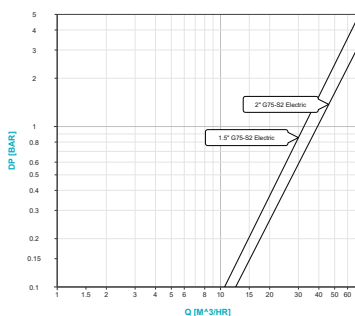


Head Loss for Fully Open Valve



Note:
For Electric valve
below 0.6 m/s,
an additional 0.3 bar
should be added to
the measured ΔP .

Head Loss for Fully Open Valve



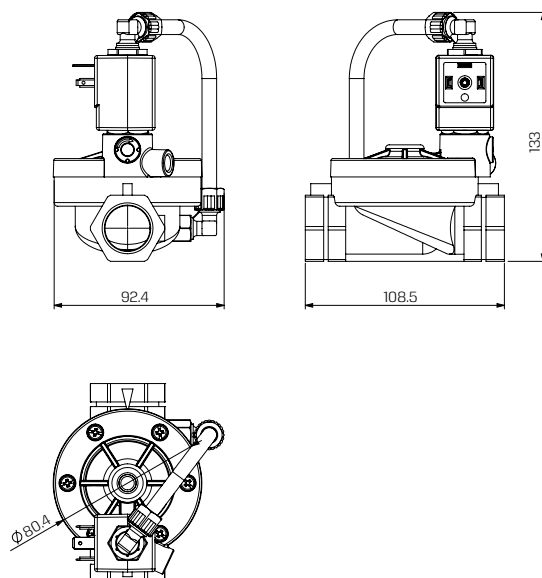
Note:
For Electric valve
below 2 m/s ,
an additional 0.3 bar
should be added to
the measured ΔP .

Flow Factor & Orifice

Size	Orifice (mm)	Kv (l/min)
3/4"	27	140
1"	27	200
1-1/2"	55	520
2"	55	600

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Dimensions



How to Order

* When ordering without coil, please define what current and pressure rating is needed (DC, AC)

GEM-S	-	BODY	PORT	FUNCTION	SEALS	MANUAL OVERRIDE	FLOW CONTROL	-	VOLTAGE	POWER	CONNECTOR
		Plastic 4	3/4" BSPT 50	External pilot 4	NR N	None 0	with 1		without coil 0	No coil 0	with 1
			3/4" NPT 51	Upstream pilot 4H		Plastic 1	without ⁽¹⁾ 2		6 ⁽²⁾ 1	AC8W 50Hz 1	with LED 2
			1" BSPT 60						12 2	AC8W 60Hz 2	flying leads coil * 4
			1" NPT 61						24 3	DC10W 3	with 1/2" Hub 5
			1-1/2"BSPT 70						48 4	AC5.5W 50Hz 4	surge protection with LED * 6
			1-1/2"NPT 71						110 5	AC5.5W 60Hz 5	connector with moulded cable 7
			2" BSPT 80						120 6		other 9
			2" NPT 81						220 7A		
									230 7		
									240 8		
									Latch/ other * ⁽³⁾ 9		

* **SPECIAL OPTIONS** | Extended lead times, Non-stock items, MOQ may be applicable

Example: GEM-S-4-4504N11-331

GEM-SOL® S32 (GEM-S-4) pilot operated upstream, Plastic, 3/4" BSPT, External pilot, NR seals, plastic manual override, with flow control, 24V DC 10W with connector

(1) 3/4", 1" valves only

(2) DC only

(3) For specifying Latch type coil, please refer to A3P32 (GEM-A3P) valve - How to Order table

* To order valves manufactured according to your specific requirements, please contact our technical sales department