ELECTRIC & HYDRAULIC VALVES

GEM-SOL® | S32 (GEM-S-4)

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

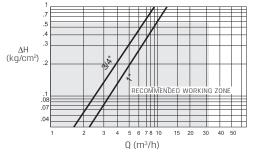
Technical Data

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

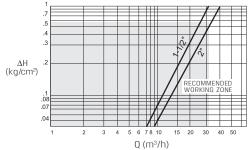


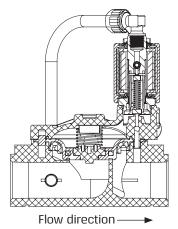
Progressive opening and shut off that prevents water hammer

Head Loss for Fully Open Valve



Head Loss for Fully Open Valve





Flow Factor & Orifice

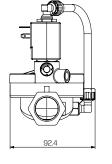
Size	Orifice (mm)	Kv (l/min)
3/4"	27	140
1"	27	200
1-1/2"	55	520
2"	55	600

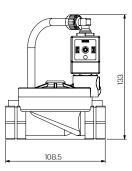


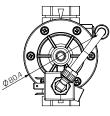


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Dimensions







How to Order

GEM-S-	4 -	BODY		PORT	PORT		FUNCTION		LS	MANUAL OVERRIDE		FLOW CONTROL		-	
		Plastic	4	3/4" BSPT	50	External pilot	4	NR	Ν	None	0	with	1		V C
				3/4" NPT	51	Upstream pilot	4H			Plastic	1	without (1)	2		e
				1" BSPT	60										1
				1" NPT	61										2
				1-1/2"BSPT	70										4
				1-1/2"NPT	71										1
				2" BSPT	80										1
				2" NPT	81										2
															2

* 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

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

VOLTAGE	POWE	R	CONNECTOR		
without coil	0	No coil	0	with	1
6 (2)	1	AC8W 50Hz	1	with LED	2
12	2	AC8W 60Hz	2	flying leads coil *	4
24	3	DC10W	3	with 1/2" Hub	5
48	4	AC5.5W 50Hz	4	surge protection with LED *	6
110	5	AC5.5W 60Hz	5	connector with moulded cable	7
120	6			other	9
220	7A				
230	7				
240	8				
Latch/ other * ⁽³⁾	9				

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