



# Cost Effective and Reliable Source For Instrumentation Purge & Bleed Valves

SERIES - PGV  
SERIES - BLV



[www.sealexcel.com](http://www.sealexcel.com)

*Advanced Technology in design, development and production of world class quality Fittings and Valves for Instrumentation, Process Tubing etc. ensure  
A TOTAL CUSTOMER SATISFACTIONS*



SEALEXCEL (INDIA) PVT. LTD. A fast growing manufacturing company having over 35 years of experience and expertise with advanced technology in Design, Development and Manufacturing World Class consistent and reliable quality Tube Fitting and Valves used in Fluid/Gas Control System in Industries like Automobile, Chemicals, Petrochemicals, Oil & Gas, Marine, Food, Biotechnology, Pharmaceutical, Packaging and Printing Industries etc.

We have two well-equipped modern manufacturing plant including in-house product performance testing facilities to check and verify the maximum safety and consistent reliable performance under adverse, harsh, stressful environments like vibrations, high pressure, deep vacuum and thermal shock etc.

## RESEARCH & DEVELOPMENT

By continuous Research & Development with advanced technology and high tech cutting edge machineries. SEALEXCEL produce best quality products for its customers.

## QUALITY

SEALEXCEL's total quality system and control from incoming raw material inspection through ongoing quality assurance during production, final inspection, assembly, testing, packing and dispatch ensure high standard quality products which has earned us various quality certifications such as

- ISO 9001:2015
- PED 2014/68/EU
- ATEX
- OHSAS 18001 (Safety)
- ISO 14001 (Environment)

SEALEXCEL products are validated by type testing in accordance with

- ASTM F 1387-99(2012)
- ECE R110, ISO 15500
- BS4368:4:1984
- MSS SP-99-2016a
- Helium Leak Test
- ARAI Test Report

## CUSTOMER SATISFACTION

We strive for Total Customer Satisfaction and continuously work to set of goals to provide the best quality and delivery of products and services in the best interest of our customers.

## FEATURES / BENEFITS

- Available in material SS316
- Heat Code Traceable to certified material test report
- Compact and convenient installation
- Vent hole in the cap bleeds, drains or purges system pressure
- Cap is crimped to valve body to prevent accidental disassembly
- Require only quarter turn with a wrench from finger tight position to ensure a leak tight seal
- Variety of end configurations includes SEALEXCEL<sup>®</sup> Well-Lok<sup>®</sup> Tube Fittings Male/Female NPT and SAE pipe connections
- Every valve is factory tested



## APPLICATIONS :

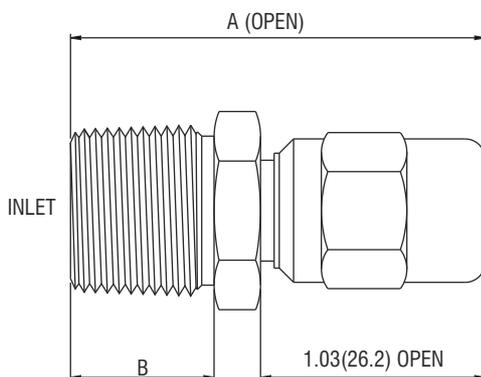
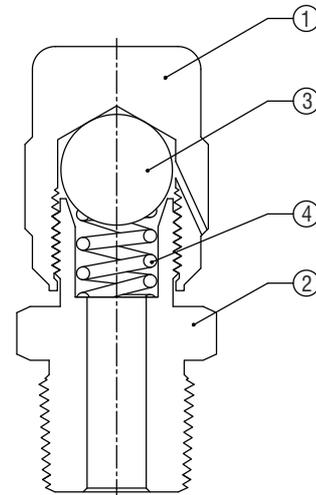
- General Plant Service
- Instrumentation
- Hydraulic and Pneumatic
- Venting

## OPERATING PARAMETERS

Pressure Rating : upto 4000 psig (276 bar) at CWP  
 Temperature Rating : -54°C to 232°C

## MATERIAL OF CONSTRUCTIONS

No.	Component	Material
1	Cap	SS316
2	Body	SS316
3	Ball	SS316
4	Spring	SS316



## TESTING

- Standard Test : Each valve is factory tested with nitrogen at 1000 psig (69 bar) for leakage at the seat.
- Optional Hydrostatic test : This test is performed with de-ionised water at 1.5 time the working pressure.

## STANDARD CONFIGURATION DIMENSIONS

End Connections	Dimensions inch (mm)		Ordering Number
	Inlet	A B	
1/8" Female NPT	1.56 (39.6)	0.53 (13.5)	PGV-F2N
1/4" Female NPT	1.75 (44.4)	0.72 (18.3)	PGV-F4N
3/8" Female NPT	1.81 (46.0)	0.78 (19.8)	PGV-F6N
1/2" Female NPT	1.98 (50.3)	0.97 (24.6)	PGV-F8N
1/8" Male NPT	16.2 (41.1)	0.38 (9.7)	PGV-M2N
1/4" Male NPT	1.81 (46.0)	0.56 (14.2)	PGV-M4N
3/8" Male NPT	1.84 (46.7)	0.56 (14.2)	PGV-M6N
1/2" Male NPT	2.09 (53.1)	0.75 (19.1)	PGV-M8N
1/8" Well-Lok	1.84 (46.7)	0.59 (15.0)	PGV-T2
1/4" Well-Lok	1.94 (49.3)	0.69 (17.5)	PGV-T4
3/8" Well-Lok	2.03 (51.6)	0.75 (19.1)	PGV-T6
1/2" Well-Lok	2.19 (55.6)	0.88 (22.4)	PGV-T8
6mm Well-Lok	1.94 (49.3)	0.69 (17.5)	PGV-T6M
8mm Well-Lok	2.00 (50.8)	0.72 (18.3)	PGV-T8M

Dimensions are for reference only and subject to change

## FEATURES

- Available in material SS316
- Heat Code Traceable to certified material test report
- Compact and convenient installation
- Vent tube design prevents accidental removal of the stem
- Vent tube directs excess liquid or gas from system line
- Flow coefficient (Cv) 0.25
- Orifice size 0.125" (3.20mm)
- Variety of end configurations includes SEALEXCEL<sup>®</sup> Well-Lok<sup>®</sup> Tube Fittings Male/Female NPT and SAE pipe connections
- Every valve is factory tested



## APPLICATIONS :

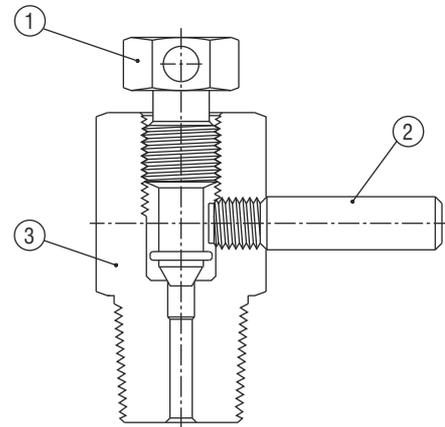
- General Plant service
- Instrument isolation
- Hydraulic and pneumatic
- Pressure measurement devices
- Venting

## OPERATING PARAMETERS

Pressure Rating : upto 10000 psig (689 bar) at CWP  
 Temperature Rating : -54°C to 454°C

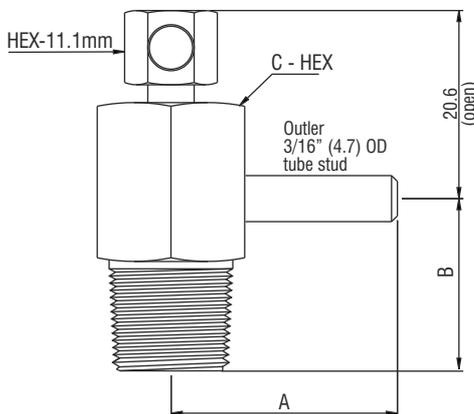
## MATERIAL OF CONSTRUCTIONS

No.	Component	Material
1	Stem	SS316
2	Vent Tube	SS316
3	Body	SS316



## TESTING

- Standard Test : Each valve is factory tested with nitrogen at 1000 psig (69 bar) for leakage at the seat.
- Optional Hydrostatic test : This test is performed with de-ionised water at 1.5 time the working pressure.



## STANDARD CONFIGURATION DIMENSIONS

End Connections		Cv	Dimensions (mm)			Ordering Number
Inlet	Outlet		A	B	C-Hex	
1/8" Male NPT	OD 3/16" tube stub	0.25	23.9	19.1	15.87	BLV-M2N
1/4" Male NPT	OD 3/16" tube stub	0.25	23.9	19.1	15.87	BLV-M4N
3/8" Male NPT	OD 3/16" tube stub	0.25	26.3	22.3	22.22	BLV-M6N
1/2" Male NPT	OD 3/16" tube stub	0.25	26.3	22.3	22.22	BLV-M12N

Dimensions are for reference only and subject to change

VALVE DESCRIPTION	ORDERING NUMBER FOR TUBE CONNECTIONS	ORDERING NUMBER FOR PIPE END CONNECTIONS
PURGE VALVES	$\frac{PGV-T}{1} \frac{4}{2} \frac{4}{3} \frac{E}{5}$	$\frac{PGV-M}{1} \frac{4}{2} \frac{N}{3} \frac{E}{4} \frac{E}{5}$
BLEED VALVES	---	$\frac{BLV-M}{1} \frac{4}{2} \frac{N}{3} \frac{E}{4} \frac{E}{5}$

### 1. VALVE SERIES CODE DESCRIPTION

PURGE VALVES SERIES	: PGV
BLEED VALVES SERIES	: BLV

### 2. END CONNECTION TYPE CODE DESCRIPTION

- T - SEALEXCEL<sup>®</sup> Well-Lok<sup>®</sup> Tube Fittings
- M - Male pipe thread
- F - Female pipe thread

### 3. END CONNECTION SIZE CODE DESCRIPTION TUBE OD SIZE

FRACTIONAL		METRIC	
SIZE	CODE	SIZE	CODE
1/4"ODT	4	6mm ODT	6M
3/8"ODT	6	8mm ODT	8M
1/2" ODT	8	10mm ODT	10M
3/4"ODT	12	12m ODT	12M
1" ODT	16	16mm ODT	16M

### PIPE THREAD SIZE

SIZE	CODE	SIZE	CODE
1/8"	2	3/8"	6
1/4"	4	1/2"	8

### 4. PIPE THREAD TYPE CODE DESCRIPTION

- N - Male / Female NPT
- RT - Male / Female BSPT
- RG - Female BSP
- SE - SAE Straight Thread

### 5. MATERIAL OF CONSTRUCTIONS

- E - SS316
- EL - SS316 to NACE MR01-75

*SEALEXCEL's commitment to upgrading it's product range by way of continuous research and development programme with advance technology and cutting edge solutions to ensure best quality products at competitive price and also best delivery schedule for it's customer with objective of*

***A TOTAL CUSTOMER  
SATISFACTIONS***

# PRODUCT RANGE



 <p>Twin/Single Ferrule Tube Fittings</p>	 <p>37° Flare Tube Fittings To SAE J514</p>	 <p>Instrument Threaded &amp; Welded Pipe Fittings</p>	 <p>Tube Fittings With Integral Flange</p>	 <p>Low /Medium PressureBall Valves</p>
 <p>High Pressure Ball Valve</p>	 <p>High Pressure 2/3 Way Ball Valve</p>	 <p>Needle Valve</p>	 <p>Needle Valves (Panel Mountable)</p>	 <p>High Pressure Needle Valve</p>
 <p>Rising Stem Plug Valves</p>	 <p>Gauge/Root Valves</p>	 <p>Instrument 2/3/5 Manifold Valves</p>	 <p>Monoflange Valves</p>	 <p>Single / Double Block &amp; Bleed Valves</p>
 <p>Purge Valves</p>	 <p>Bleed Valves</p>	 <p>Toggle Valves</p>	 <p>Relief Valves</p>	 <p>Check Valves</p>
 <p>Micron In-line Filters</p>	 <p>Quick Connect Couplings</p>	 <p>Stainless Steel Pneumatics Fittings &amp; Valves</p>		



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