

Pressures up to 6000 psig (413 bar)



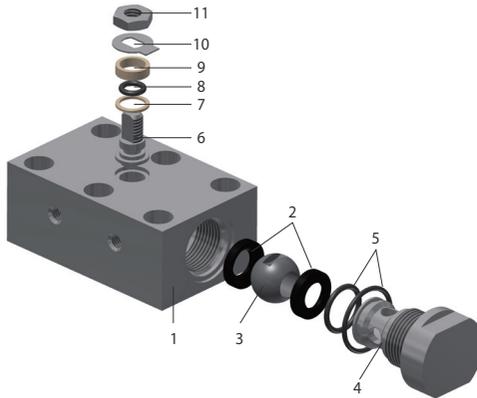
Features

- Quarter turn ball valve that provides fast on-off operation suitable for emergency on-off applications.
- Bolt-on design to insure mounting alignment and stability.
- Mounting brackets and drive dogs designed in compliance with standard ISO pattern.

Features

- Working Pressure 6000 psig (413 bar)
- Temperature Range -40 to 248°F (-40 to 120°C)
- Orifice : $\varnothing 10.0\text{mm}$

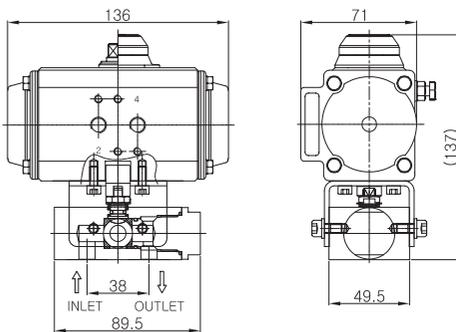
Material of Construction



V86M-FLG-6-S	
Component	Material
1. Body	ASTM A276/479 TYPE316
2. Ball Seat	POM
3. Ball	ASTM A276/479 TYPE316
4. Connector	ASTM A276/479 TYPE316
5. Connector O-ring	FKM
6. Stem	ASTM A276/479 TYPE316
7. Stem Bearing	PEEK
8. Stem O-ring	FKM
9. Grand	PEEK
10. Locking Tap	STAINLESS STEEL
11. Hex. Nut	STAINLESS STEEL

• Wetted parts and lubricants listed in [blue](#).

Pneumatic Actuator



V86M series Pneumatic actuators are designed to accommodate remote valve actuation.

Actuator Type	Ordering Number		Moment Values (P=6 bar)
	Normal Close	Normal Open	Nm
Single Return	PCS2	POS2	5.3
Double Acting	PD1	-	14.4

Factory Test

Every valve is tested with nitrogen gas @ 1000 psig (68 bar) for leakage at the seat to maximum allowable leak rate of 0.1 SCCM. The stem packing is tested with nitrogen gas @ 1000 psig for no detectable leakage.

Safe Valve Selection

The selection of a valve for any application or system design must be considered to ensure safe performance. Valve function, valve rating, material compatibility, proper installation, operation and maintenance remain the sole responsibility of the system designer and the user. DK-Lok Corporation accepts no liability for any improper selection, installation, operation or maintenance.