## **Rising Plug Valves** RP Series









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# **Rising Plug Valves**

**RP** Series

#### **Robust Bar Handle**

sintered stainless steel handle.

#### Stem Thread

- is to prevent particle build-up
- and for long life. • is above the packing to prevent
- fluid contamination.
- Locking Pin

## • ensures no disassembly.

## Variety of End Connections

• include male/female NPT and Male/Female ISO/BSP. Female Hy-Lok Tube Fittings.

#### **POM Cone Seat**

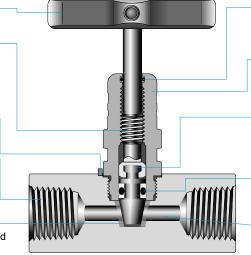
• is standard for easier replacement and PEEK is also available as option.

## Features

- Pressure rating up to 6000psig @100°F(38°C)
- Gauge port available as option
  SS316 body as standard
  Sour gas service available.
  100% factory tested

### **Materials of Construction**

Description	Material / ASTM Specification				
Body					
Bonnet	- SS316 / A479 or A276				
Stem					
Тір					
Seat	POM Standard				
Seal	FKM Standard				
Handle Set	Stainless Steel				
La china Dia					



#### Internal Seal

• prevent ingress of foreign materials into the actuating threads.

Panel Mount • is available as option.

Non - Rotating Stem Tip · ensures positive sealing minimizing seat wear-out.

#### FKM O - Ring with Back - up Ring • is Standard.

**Orifice in Straight Flow Path** • ensures max Cv.

#### **Temperature and Pressure Ratings**

Seat	Temperature	Pressure Rating	Pressure Rating		
Materials	Rating	@ 100°F (38°)	@ Max Temperature		
POM	-20°F ~ 250°F	6,000 psig	1,000 psig (69bar)		
(standard)	(-29°C ~ 121°C)	(413 bar)	@ 250 Ϝ (121 Ĉ)		
PEEK	-20°F ~ 400°F	6,000 psig	1,000 psig (69bar)		
(optional)	(-29°C ~ 204°C)	(413 bar)	@ 400 F (204 C)		

## Spare Seat

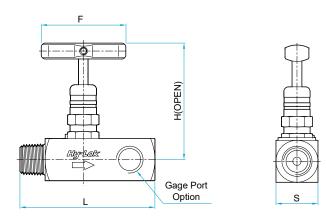
#### · available for maintenance as below

Part No.	Seat Materials	Q`ty / Pack
RPV -*- DS	POM Seat	1 pc
RPV -*- PK	PEEK Seat	1 pc

Note "\*" for end connection and size designator

e.g. RPV-MF8N-PK (See Ordering Information)



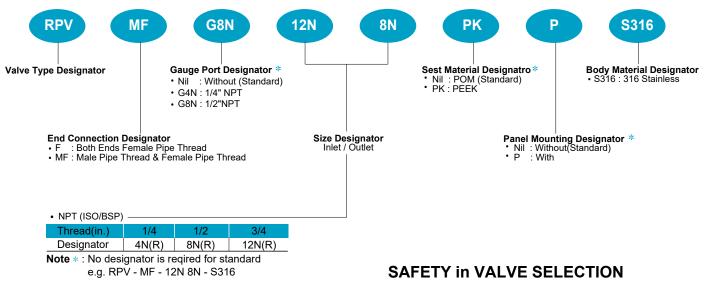


## **Table of Dimensions**

Dev	in Dout No.	Orifice	0	End Connections		Dimensions			
Ba	Basic Part No. Hole		Cv	Inlet	Outlet	L	S	F	н
RPV F	F -4N			1/4" Female NPT		62.0 (2.44)	25.4		95.4
	MF-4N	<u> </u>		1/4" Male NPT	1/4" Female NPT	74.0 (2.91)	(1.00) 60	60	(3.75)
	F -8N	6.3 (0.25)	1.77	1/2" Female NPT		84.0 (3.31)	32.0	(2.36)	97.5
	MF-8N			1/2" Male NPT	1/2" Female NPT	90.0 (3.54)	(1.26)		(3.34)
	MF-12N8N			3/4" Male NPT	1/2" Female NPT				

All dimensions in millimeters.

## **Ordering Information**



Proper installation, materials compatibility, operation and maintenance of the these are the responsibility of the user. The total system design must be taken into consideration to ensure optimal performance and safety.





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