HY-LOK RP Series Rising Plug Valves



Catalog No. H-RP100 Feb. 2015

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.

Bonnet Loking Plate

• 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	33310 / A479 OF A270			
Tip				
Seat	POM Standard			
Seal	FKM Standard			
Handle Set	Stainless Steel			
Locking Plate	Stainless Steel			

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 Materials	Temperature Rating	Pressure Rating @ 100°F (38°C)	Pressure Rating @ Max Temperature
POM	-20°F~250°F	_ ` ,	·
(standard)	-20 F~250 F (-29°C~121°C)	6,000 psig (413 bar)	1,000 psig @ 250°F(121°C)
PEEK (optional)	-20°F~400°F	6,000 psig	1,000 psig
	(-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)



HY-LOK CORPORATION

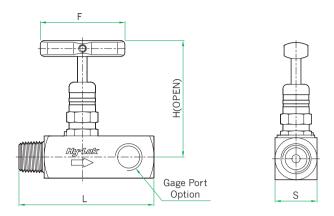
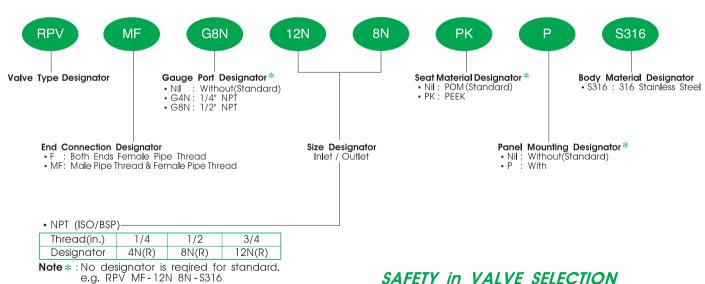


Table of Dimensions

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

All dimensions in millimeters.

Ordering Information



SAFETY IN VALVE SELECTION

Proper installation, materials compatibility, operation and maintenance of these valves 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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