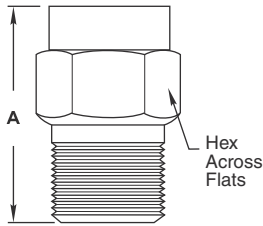


HP500 Series

Dimensions

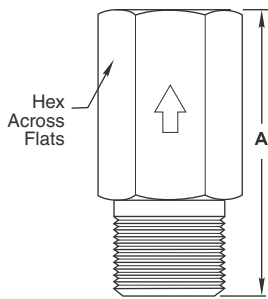
Popoff



Vent to Atmosphere, Male Pipe Thread

| Dash No. | Size | A | Hex |
|----------|------|------|-------|
| -2M | ¼" | 1.17 | 0.625 |
| -4M | ½" | 1.91 | 1.000 |

Inline



Inline, Male/Female Pipe Thread

| Dash No. | Size | A | Hex |
|----------|------|------|-------|
| -2MP | ¼" | 1.92 | 0.750 |
| -4MP | ½" | 2.63 | 1.125 |

Replacement Springs: ¼"

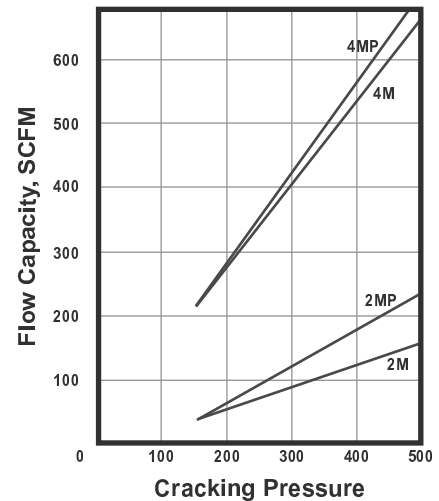
| Range | -2M/-2MP |
|---------|-------------|
| 150-175 | 10262-40PH |
| 176-275 | 10262-90PH |
| 276-374 | 10262-120PH |
| 375-450 | 10262-175PH |
| 451-575 | 10262-500PH |

Replacement Springs: ½"

| Range | -4M/-4MP |
|---------|-------------|
| 150-250 | 10462-175PH |
| 251-350 | 10462-300PH |
| 351-450 | 10462-400PH |

Flow Curves

Air @ 10% Overpressure



How to Order

HP5 59 B - 2 M - 150

O-RING MATERIAL & TEMPERATURE

- 24** Silicone, -70° F to +450° F (-57°C to +232°C)
- 32** Viton®, -20° F to +400° F (-29°C to +204°C)
- 33** Neoprene, -40° F to +300° F (-40°C to +149°C)
- 59** Buna N, -65° F to +275° F (-54°C to +135°C)
- 62** Ethylene propylene, -65° F to +300° F (-54°C to +149°C)

BODY MATERIAL

- B** Brass†
- T1** 316 stainless steel

CRACKING PRESSURE*

Specify cracking pressure setting in psig (150 - 575 psig)

CONNECTIONS-INLET/OUTLET

- M** Popoff male pipe
- MP** Inline male pipe by female pipe

VALVE SIZE

- Pipe sizes in ⅛" increments
- 2** ¼"
- 4** ½"

* Maximum cracking pressure is 450 psig for ½" valve sizes.

† For PED applications, brass bodies are limited to a maximum temperature use of +100° F (+38° C)

To specify PED certification, add PED prefix to the part number.

Please consult your Circle Seal Controls Distributor or our factory for information on special connections, materials, sizes, o-rings, operating pressures and temperature ranges.

Cracking Pressure

Tolerance: ±5%

Initial crack may be higher than cracking pressure tolerance due to inherent characteristics of seals.

Flow at cracking pressure for elastomeric seals is 5cc/min.

Leakage: Ascending pressure 0 up to 95% of cracking pressure

Reseal pressure: 90% of cracking pressure

Leakage at reseal pressure: Zero

For Your Safety

It is solely the responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or property damage.

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