C46 Series Valves

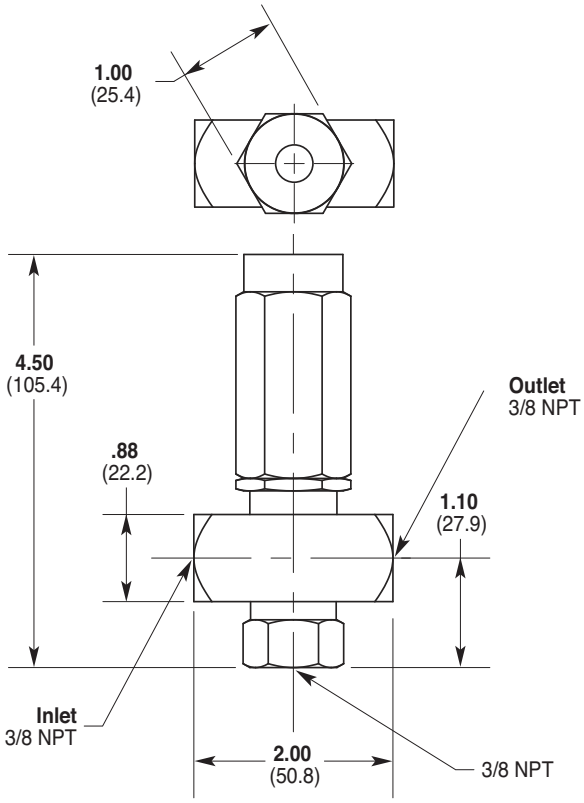
C46 In-line with Brass body

C46 Off-line with Stainless Steel body

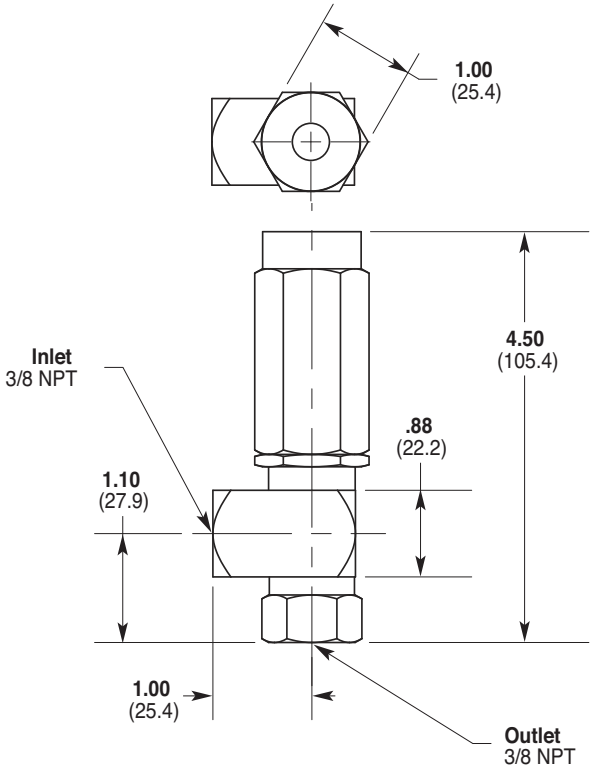
C46 Off-line with Brass body

Dimensions

C46 for In-Line Mount with 3/8" NPT Ports Inches (mm)



C46 for Off-Line Mount with 3/8" NPT Ports Inches (mm)



C46 Series Valves How to Order

Ordering Information

1	2	3	4	5	6	7	8	9	10	11

A complete C46 Model Number contains 11 digits of customer-specified design options, for example: C46AABESSEE.

Digit	Order Code	Description
1-3		**Valve Configuration & Capacities**
	C46	0.2-10 gpm (1-37.8 l/min) NPT Ports
4		**Mounting Design**
	A	In-line (Brass only)
	B	Off-line (Brass or Stainless Steel)
5		**Pressure Range (Spring Selection)**
	A	Low Spring: 50-500 psi (3-34 bar)
	B	Medium Spring: 100-900 psi (7-62 bar)
	C	Standard Spring: 200-1500 psi (13-103 bar)
6		**Body Material**
	B	Brass
	S	316L Stainless Steel (Off-line models only)
7		**O-rings**
	E	EPDM
	N	Buna-N
	V	FKM
8		**Piston**
	S	316L Stainless Steel
9		**Seat**
	S	316L Stainless Steel
10		**Seat Size**
	E	For C46 Models
11		**Port Size**
	E	For C46 Models (3/8" NPT)

Ratings and Specifications

Flow Capacity	Maximum		Minimum	
Model	**gpm**	**l/min**	**gpm**	**l/min**
C46 In-line	7.0	26.5	0.2	1.0
C46 Off-line	10.0	37.8	0.2	1.0

Pressure Range	
Low Spring	50-500 psi (3-34 bar)
Medium Spring	100-900 psi (7-62 bar)
Standard Spring	200-1500 psi (13-103 bar)
Max. Temperature	200°F (93°C)
Inlet & Outlet Ports	3/8" NPT
Weight	12 oz. (0.33 kg)

C46 Series valves are used with Hydra-Cell models F20, F21, F22, M03, D03, and M03 Mono-Block.

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