

KIP Fluid Control Valves — Q2 Series

Features & Benefits

- 2/2 direct acting
- Durable, lightweight plastic body
- Quick push-to-connect fittings
- NSF and cURus (UL and CSA) Certified
- Minimal Pressure drop



Technical Data

Operating Pressure:

2/2: 0 to 120 psig, vacuum capable*

Orifice

2/2: Ø1/8" to Ø5/16" (2/2)

MOPD:

2/2: 5-120 psig

Cv Range:

2/2: 0.228 to 1.000

Ambient and Media Temperature:

-10°F to 100°F (-12°C to 37°C)

Actuation:

Solenoid

Coil:

AC, DC, rectified coil*

Housing:

Yolk

Coil Class Options:

B: 266°F (130°C) standard

F: 311°F (155°C)

Connection:

2/2: 1/4", 3/8" push to connect

Electrical Connection

1/4" spade terminal

Switching Function:

2/2: NC

Voltage Options:

12VDC, 24VDC, 24/60VAC,

120/60VAC, 240/60VAC

Wattage:

10 Watts, nominal

Duty Cycle:

Continuous

Weight:

Stainless steel - 7oz

Macro blend polymer - 5oz

Material:

Body: Macroblend polymer,
Stainless Steel, Internal wetted
parts: 430FR & 300 series CRES



Port Identification: IN - 2 OUT - 1

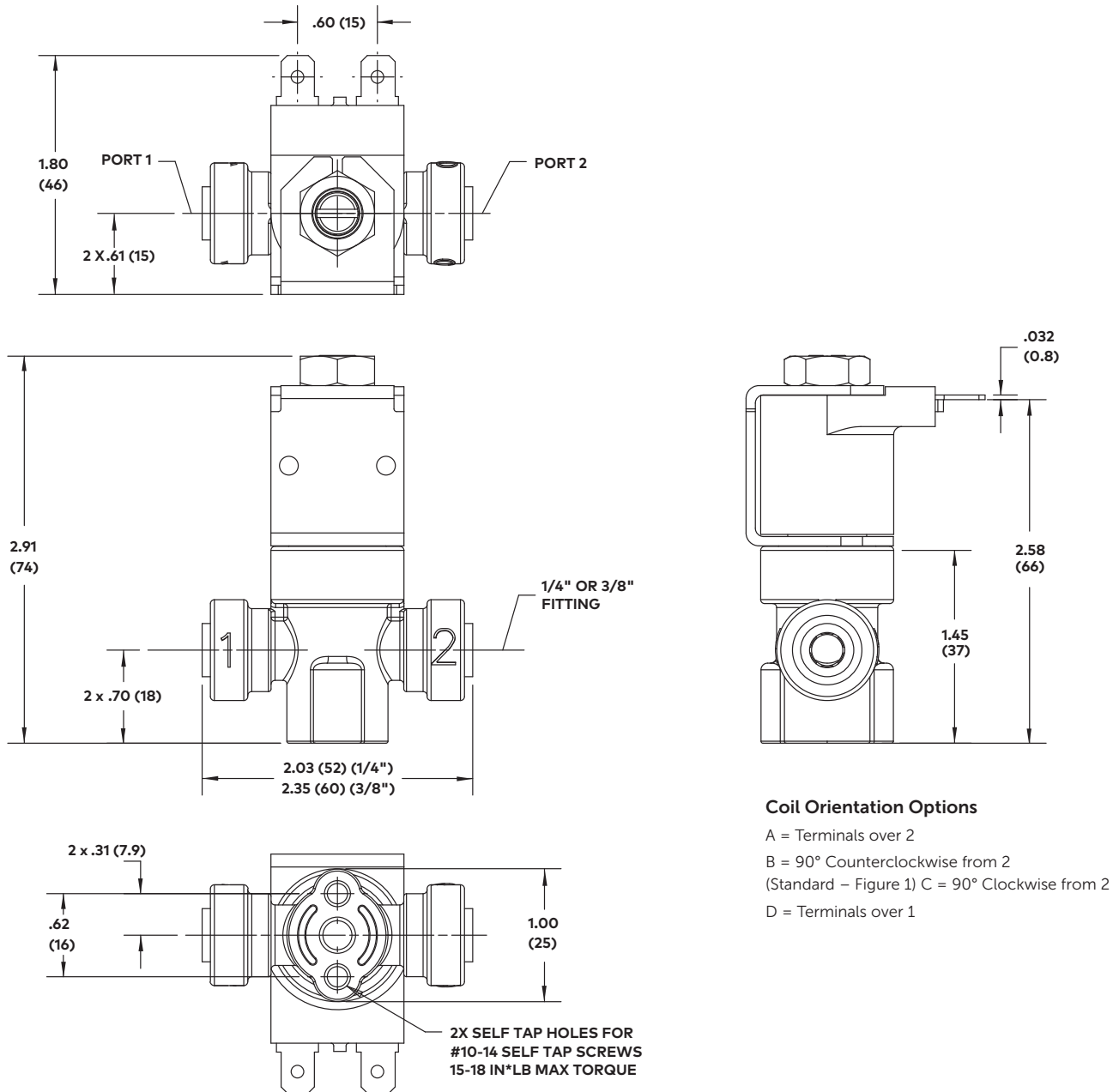
* For vacuum ratings and rectified coil options, call technical support at 860-677-0272 or email: farmingtontechnical@imiplc.com

Standard Models

Standard Valve Part Number	Body Material	Orifice Diameter Body	Seal Material	Porting OD Tube Fitting	Cv Value Body	MOPD (PSI)
Q212315-1351B-VOLTAGE	Macroblend	1/8"	Food-Grade EPR	1/4"	0.228	120
Q212316-1351B-VOLTAGE	Macroblend	5/32"	Food-Grade EPR	1/4"	0.314	80
Q212317-1351B-VOLTAGE	Macroblend	3/16"	Food-Grade EPR	1/4"	0.367	40
Q213318-1351B-VOLTAGE	Macroblend	1/4"	Food-Grade EPR	3/8"	0.500 1	15
Q213319-1351B-VOLTAGE	Macroblend	5/16"	Food-Grade EPR	3/8"	1.000	5
Q212015-1351B-VOLTAGE	Stainless Steel*	1/8"	Food-Grade EPR	1/4"	0.228	120
Q212315-0151B-VOLTAGE	Macroblend	1/8"	Buna	1/4"	0.228	120
Q212316-0151B-VOLTAGE	Macroblend	5/32"	Buna	1/4"	0.314	80
Q212317-0151B-VOLTAGE	Macroblend	3/16"	Buna	1/4"	0.367	40
Q213318-0151B-VOLTAGE	Macroblend	1/4"	Buna	3/8"	0.500 1	15
Q213319-0151B-VOLTAGE	Macroblend	5/16"	Buna	3/8"	1.000	5
Q212015-0151B-VOLTAGE	Stainless Steel*	1/8"	Buna	1/4"	0.228	120

*Stainless steel bodies are only available with 1/8" orifice and 1/4" porting

Dimensions



Warning

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

Proposition 65: These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.