

## iQ Mini

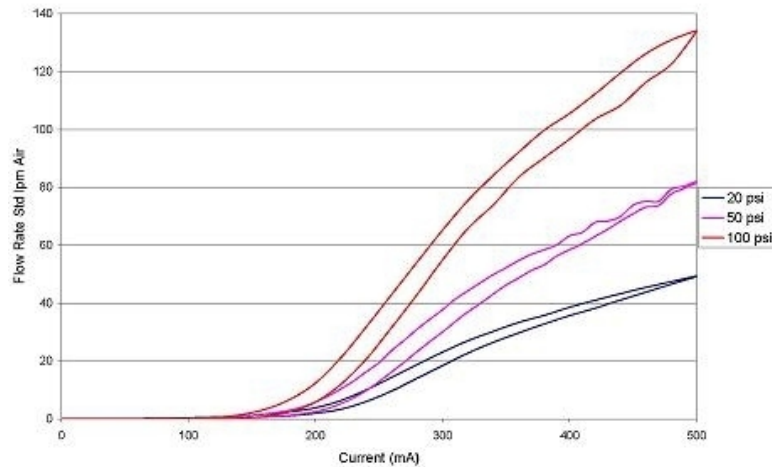
The **iQ Mini** is a higher mid range proportional valve in iQ Valves family. This modern design is the result of 3 different patented designs by iQ Valves. These valves have a smaller orifice so they can produce less flow rate than the Standard proportional valve at the same pressure. The iQ Mini provides medium isolation using a diaphragm. The iQ Mini is available in two different versions. The Anodized Aluminum version, for regular applications and the Stainless Steel version for medium with corrosive characteristics or for higher temperature applications. Signal Amplifiers are also available to control these valves using a 0 - 5V, 0 - 10V or 4 - 20 mA control signal.

### General Performance Specification

Function:	2 Way Normally Closed
Orifice Size Range:	.032" to .156"
Hysteresis:	< 10%
Time Response:	< 20 msec
Pressure Range:	0 - 100 PSI
Temperature Range:	
Aluminum:	-40 to 250° F
Stainless Steel:	-20 to 400° F
Seal Material:	Nitrile, FKM
Fluid:	Gases & Liquids
Voltage Range:	6 to 24 volts
Lead Wires:	22 AWG 6" long
Weight - Al Base:	10 Oz.
Weight - SS Base:	14 Oz.

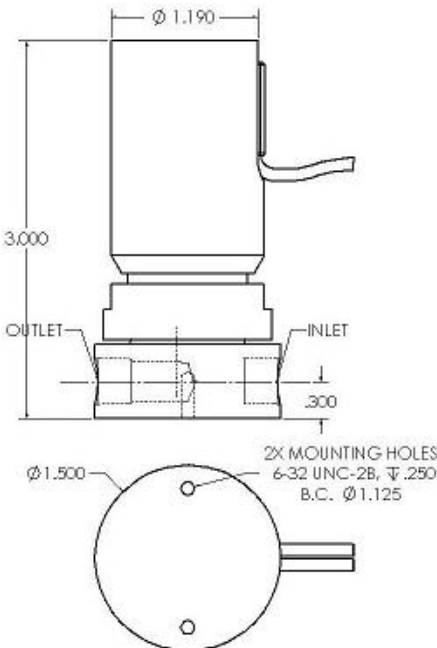
### Typical Flow Characteristics

Mini PFCV 0.125 12V


















### ANODIZED ALUMINUM SPECIFICATIONS

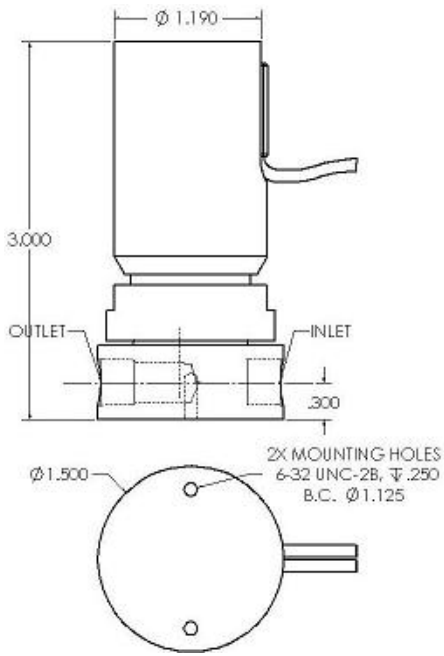
PART NUMBER	ORIFICE SIZE	VOLT	POWER WATTS	INLET NPT	OUTLET NPT	FLOW @ 100 PSI LPM	PRICE (EA)
209226	0.032	6	3.00	1/8	1/8	30	\$278.75
209227	0.062	6	3.00	1/8	1/8	60	\$278.75
209228	0.093	6	3.00	1/8	1/8	90	\$278.75
209229	0.125	6	3.00	1/8	1/8	120	\$278.75
209230	0.156	6	3.00	1/8	1/8	150	\$278.75
209231	0.032	12	6.00	1/8	1/8	35	\$278.75
209232	0.062	12	6.00	1/8	1/8	75	\$278.75
209233	0.093	12	6.00	1/8	1/8	100	\$278.75
209234	0.125	12	6.00	1/8	1/8	140	\$278.75
209235	0.156	12	6.00	1/8	1/8	175	\$278.75
209236	0.032	24	6.00	1/8	1/8	35	\$278.75
209237	0.062	24	6.00	1/8	1/8	75	\$278.75
209238	0.093	24	6.00	1/8	1/8	100	\$278.75
209239	0.125	24	6.00	1/8	1/8	140	\$278.75
209240	0.156	24	6.00	1/8	1/8	175	\$278.75



Note : Wetted Material Al, Nitrile & 300 Series SS

### STAINLESS STEEL SPECIFICATIONS

PART NUMBER	ORIFICE SIZE	VOLT	POWER WATTS	INLET NPT	OUTLET NPT	FLOW @ 100 PSI LPM	PRICE (EA)
209102	0.032	6	3.00	1/8	1/8	30	\$392.70 
209103	0.062	6	3.00	1/8	1/8	60	\$392.70 
209105	0.093	6	3.00	1/8	1/8	90	\$392.70 
209106	0.125	6	3.00	1/8	1/8	120	\$392.70 
209207	0.156	6	3.00	1/8	1/8	150	\$392.70 
209107	0.032	12	6.00	1/8	1/8	35	\$392.70 
209094	0.062	12	6.00	1/8	1/8	75	\$392.70 
209108	0.093	12	6.00	1/8	1/8	100	\$392.70 
209090	0.125	12	6.00	1/8	1/8	140	\$392.70 
209208	0.156	12	6.00	1/8	1/8	175	\$392.70 
209109	0.032	24	6.00	1/8	1/8	35	\$392.70 
209093	0.062	24	6.00	1/8	1/8	75	\$392.70 
209110	0.093	24	6.00	1/8	1/8	100	\$392.70 
209022	0.125	24	6.00	1/8	1/8	140	\$392.70 
209209	0.156	24	6.00	1/8	1/8	175	\$392.70 



Note : Wetted Material FKM & 300 Series SS