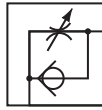
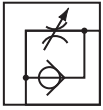


**FLOW CONTROL VALVE - INCH**



Meter-Out Control Part No.	Meter-In Control Part No.	Tube O.D. in.	Port Size (M) NPT	Air Flow SCFM
71.1010	71.1110	1/8	10-32	3.5
71.1014	71.1114	1/8	1/8	6
71.1026	71.1126	5/32	10-32	3.5
71.1028	71.1128	5/32	1/8	6
71.1034	71.1134	5/32	1/4	6
71.1042	71.1142	3/16	1/8	8
71.1046	71.1146	3/16	1/4	14
71.1056	71.1156	1/4	1/8	8
71.1058	71.1158	1/4	1/4	16
71.1062	71.1162	1/4	3/8	16
71.1070	71.1170	5/16	1/4	28
71.1074	71.1174	5/16	3/8	28
71.1082	71.1182	3/8	1/4	16
71.1084	71.1184	3/8	3/8	32
71.1086	71.1186	3/8	1/2	56
71.1096	71.1196	1/2	1/2	60



**Applications**

- To adjust air flow and to control cylinder displacement with accuracy
- Mounts directly on the cylinder

**Features**

- Available in 2 types of control : meter-out (controls the exhaust) or meter-in (controls the intake)
- Light, compact and one piece construction
- Minimizes installation time and cost
- Speed may be accurately controlled even at low speed
- 360° swivel body
- Inch and metric sizes available
- Teflon coated thread

**Specifications**

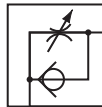
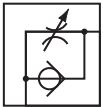
**Maximum Working Pressure**

145 PSI

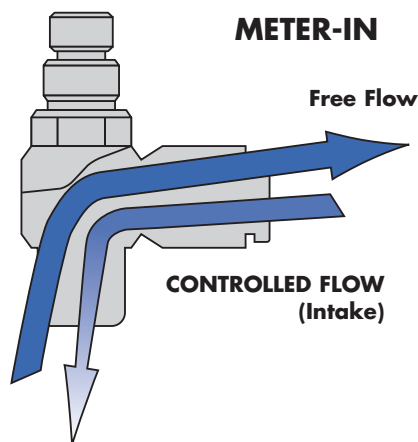
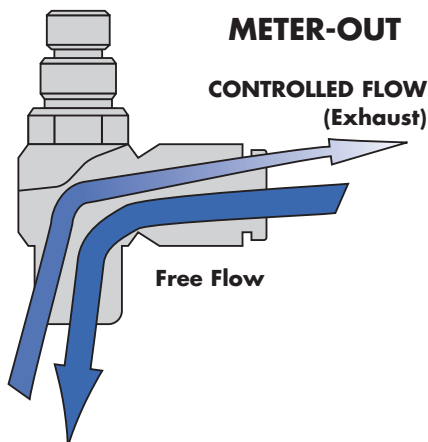
**Working Temperature**

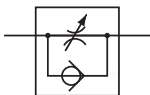
0 °C to 60 °C (32 °F to 140 °F)

**FLOW CONTROL VALVE - METRIC**



Meter-Out Control Part No.	Meter-In Control Part No.	Tube O.D. in.	Port Size (M) NPT	Air Flow SCFM
71.2026	71.2126	4	M5	3.5
71.2028	71.2128	4	1/8	6
71.2054	71.2154	6	M5	3.5
71.2056	71.2156	6	1/8	8
71.2058	71.2158	6	1/4	14
71.2068	71.2168	8	1/8	8
71.2070	71.2170	8	1/4	16
71.2084	71.2184	10	3/8	32
71.2096	71.2196	12	1/2	60





### Applications

- Allows easy speed control of the cylinder's movement

### Features

- Push-Type connector at each end
- Minimizes installation time and cost
- Light and compact
- Inch and metric sizes available
- Accepts nylon and polyurethane tubings
- Speed may be accurately controlled even at low speed

### Specifications

#### Maximum Working Pressure

100 PSI

#### Working Temperature

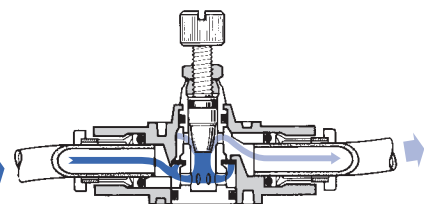
0 °C to 60 °C (32 °F to 140 °F)

### SPEED CONTROLLER - INCH

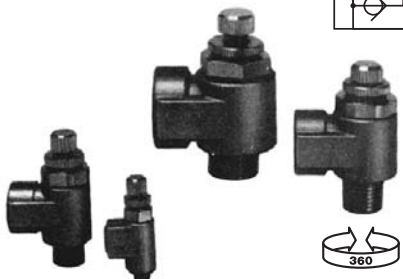
Part No.	Tube I.D. in.	Tube O.D. out.
71.3130	5/32	5/32
71.3244	3/16	3/16
71.3258	1/4	1/4
71.3272	5/16	5/16
71.3384	3/8	3/8
71.3496	1/2	1/2

### SPEED CONTROLLER - METRIC

Part No.	Tube I.D. in.	Tube O.D. out.
71.3630	4	4
71.3658	6	6
71.3772	8	8
71.3884	10	10
71.3896	12	12



### Controlled Flow Exhaust



### Applications

- Speed may be accurately controlled even at low speed

### Features

- Minimizes installation time and cost
- Swivels at 360°
- Retainer prevents accidental loss of needle
- Controlled flow exhaust

### Specifications

#### Maximum Working Pressure

100 PSI

#### Working Temperature

5°C to 60°C (40°F to 140°F)

#### Construction

Body : Zinc alloy

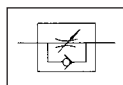
Needle guide: Brass, electroless nickel plated

"O"ring: NBR

### METAL THREADED ELBOW

Part No.	Port size (F) NPT	Cylinder bore size (in.)	Air flow SCFM
71.4122	1/8	3/4 à 1-1/2	7
71.4124	1/4	3/4 à 1-1/2	10
71.4134	1/4	3/4 à 1-1/2	12
71.4136	3/8	1-1/4 à 2-1/2	30
71.4148	1/2	3-1/4 à 4	60

### Can be reversed



### ECONOMICAL SPEED CONTROL VALVES

### Features

- Provides the finest control of piston rod speed for air cylinder
- Non-return mechanism allows full flow in one direction. But when the flow reverses the seals are tightened to divert the flow pass the fine large cone seat metering needle

Part No.	Port size (F) NPT
71.5122	1/8
71.5144	1/4
71.5166	3/8
71.5177	1/2

## IN LINE SPEED CONTROLLER

Part No.	Port size (F) NPT	Air flow SCFM	Cylinder bore size (in.)
71.5211	M5	3	1/4 - 1
71.5222	1/8	9	3/4 - 1 1/2
71.5244	1/4	9	3/4 - 1 1/2
71.5264	1/4	29	1 1/4 - 2 1/2
71.5266	3/8	29	1 1/4 - 2 1/2
71.5274	1/4	59	1 1/2 - 4
71.5276	3/8	59	1 1/2 - 4
71.5277	1/2	59	1 1/2 - 4

### Features

- Accurate speed control even at low speed
- Constant speed set

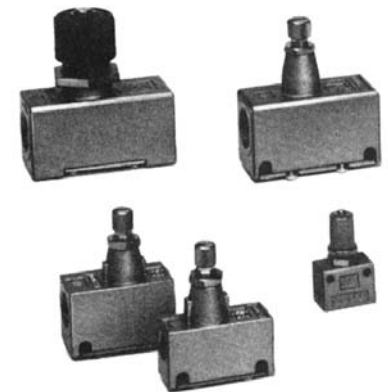
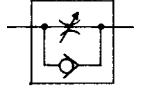
### Specifications

**Maximum Working Pressure**  
100 PSI

**Working Temperature**  
5°C to 60°C (40°F to 140°F)

**Number of needle rotations**  
8 turns

Can be reversed



## HIGH FLOW IN-LINE SPEED CONTROLLER

Part No.	Port Size (F) NPT	Air Flow SCFM	For Cylinder Bore Size (in.)
71.6274	1/4	13	2 1/2 - 5
71.6276	3/8	17	2 1/2 - 5
71.6277	1/2	24	2 1/2 - 5
71.6288	3/4	29	5 1/2 - 7 3/4
71.6290	1	60	6 1/4 - 9 3/4
71.6294	1 - 1/4	136	11 3/4
71.6298	1 - 1/2	168	11 3/4
71.6299	2	215	11 3/4

### Features

- Constant speed easily set
- Accurate speed control even at low speed

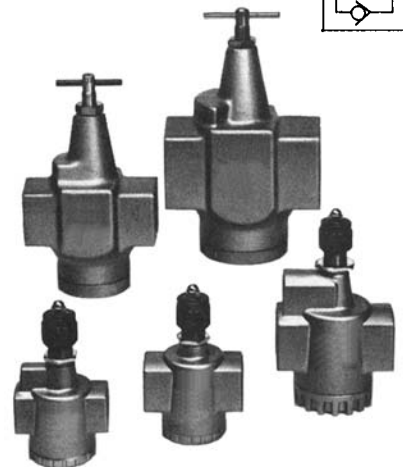
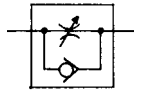
### Specifications

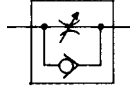
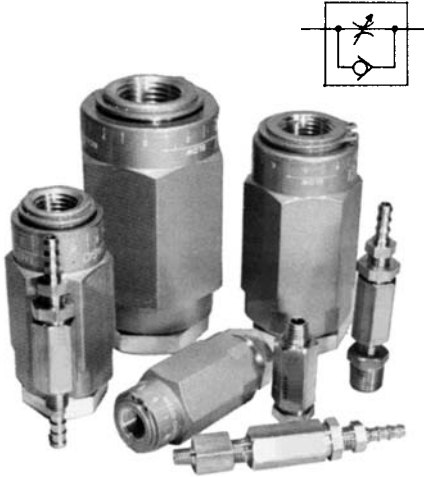
**Maximum Working Pressure**  
150 PSI

**Working Temperature**  
5°C to 60°C (40°F to 140°F)

**Number of needle rotations**  
10 turns

Can be reversed





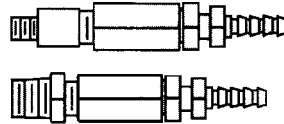
### BRASS CONTROLLER

#### BARB TO BARB



Part No.	Barb Tube I.D.	Cv	Flow SCFM
71.7104	1/4	0.1	7

#### MALE TO BARB



Part No.	Thread (M) NPT	Barb Tube I.D.	Cv	Flow SCFM
71.7111	10-32	1/4	0.1	7
71.7112	1/8	1/4	0.1	7

#### MALE TO FEMALE



Part No.	Thread (M)	Thread (F)	Cv	Flow SCFM
71.7124	1/4-28	1/4-28	0.1	7

### Applications

- Provides accurate control of cylinder motion

### Features

- Fine tunes the speed of cylinders
- Brass or aluminum compact in-line design
- Assures a perfectly tapered flow. This unprecedented smoothness is made possible by the "IRIS" type orifice mechanism where needle-type flow controls generate turbulence as they close
- Maintains an even 360 degree laminar flow regardless of the setting
- Hexagonal adjustment sleeve

### Specifications

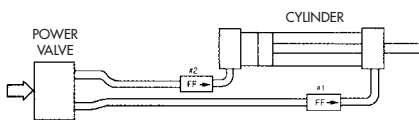
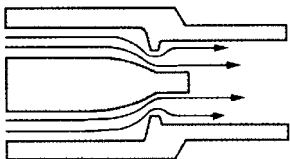
#### Maximum Working Pressure

250 PSI

#### Working Temperature

5°C to 121°C (40°F to 250°F)

#### IRIS TYPE MECHANISM for turbulence free flow



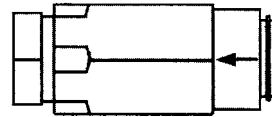
### ALUMINUM CONTROLLER

#### 1/8" NPT



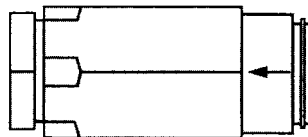
Part No.	Thread (F) NPT	Cv	Flow SCFM
71.7132	1/8	0.8	47

#### 1/4" NPT



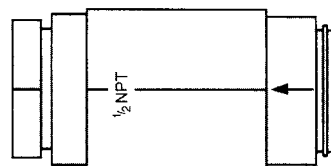
Part No.	Thread (F) NPT	Cv	Flow SCFM
71.7134	1/4	1.2	66

#### 3/8" NPT



Part No.	Thread (F) NPT	Cv	Flow SCFM
71.7136	3/8	2.6	149

#### 1/2" NPT



Part No.	Thread (F) NPT	Cv	Flow SCFM
71.7137	1/2	3.1	173