



Application

These extra large flow control valves have been developed to provide effective flow settings for large diameter cylinders and for other similar air applications. Each valve has a fine screw adjustment allowing precise settings which are secured by a sturdy lock nut.

Operation

Large internal port passages coupled with unique soft seal poppet and inline design provide maximum full flow capacity and minimum pressure drop in the free flow direction. Their cone shaped brass metering valve will provide consistent cylinder speed by regulating cylinder exhaust.

Technical Specifications

Body Cast Aluminum
Port Size 1", 1-1/4", 1-1/2"
Internal Components Brass, Aluminum
Seals Buna N, Urethane
Spring Stainless Steel
Operating Temperature:
 Standard -40°F to 180°F
 Extended Options -40°F to 350°F
Operating Pressures:
 Maximum Air 250 PSIG

Flow Capacity In Full Flow Direction

Port Size (NPTF)	Max. Flow (Needle Open)		Model Number
	SCFM**	C _v	
1	1000	12.3	03250 1000
1-1/4	1200	13.8	03250 1250
1-1/2	1800	17.5	03250 1500

** At 100 PSIG inlet pressure with full pressure drop.

Model Selection Information and Dimensions

Model Number	03250 1000		03250 1250		03250 1500	
Port Size NPTF	1"		1-1/4"		1-1/2"	
	Inches	mm	Inches	mm	Inches	mm
A	5.00	127	5.00	127	5.88	149
B	6.50	165	6.50	165	8.00	203
C	3.00	76	3.00	76	3.75	95
D	3.25	83	3.25	83	3.50	89
E	2.25	57	2.25	57	2.50	64
F	.39	10	.39	10	.39	10
G	1.31	33	1.31	33	1.50	38
H	2.13	54	2.13	54	2.38	60