

QSC Series Flow Control Valve (Precise Type)



1
QSC

QSC

Flow Control Valve (Precise Type)



Specifications

Model (mm)	QSC-06	QSC-08	QSC-10	QSC-15
Working medium	Clean air(After 40 μm filtration)			
Working Pressure (Mpa)	0.05~1.0			
Guaranteed pressure (Mpa)	1.5			
Working temperature(°C)	-20~70			
Port size ①	1/8"	1/4"	3/8"	1/2"
Standard rated flow P→A	0~350	0~860	0~1650	0~1900
The amount (L/min) A→P	300~450	760~890	1320~1650	1610~1990
Weight(g)	33	50	128	119

① G、PT、NPT thread type is optional.

How to Order?

Series No.	Port Size	Thread Type
QSC:Flow control valve (precise type)	06:1/8" 08:1/4" 10:3/8" 15:1/2"	Blank: G P : PT T : NPT

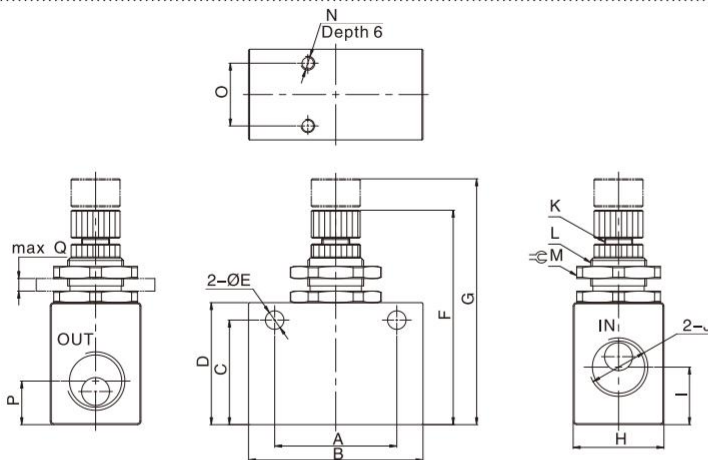
Order Example:

QSC series flow control valve, 1/4" port size, G thread, the ERP code is QSC-08

Product Features

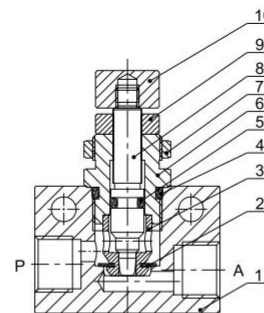
- * Compact structure and high precision.
- * Install in several positions to facilitate installation and application.
- * Apply to exhaust throttle, widely used for cylinder speed adjustment.

Main Dimension



Model	A	B	C	D	E	F	G	H	I
QSC-06	22	32	20	25	4.3	46	51	15	8.5
QSC-08	26	36	23	27	4.3	51	57.5	18	13.3
QSC-10	35	50	30	35	5.3	62.5	71.5	26	16.5
QSC-15	35	50	30	35	5.3	62.5	71.5	26	16.5
Model	J	K	L	M	N	O	P	Q	
QSC-06	1/8	M5x0.4	M12x0.75	14	---	---	8.5	3	
QSC-08	1/4	M6X0.5	M14X1	17	---	---	9	5	
QSC-10	3/8	M8x0.75	M16X1	24	M4X0.7	18	12.5	6	
QSC-15	1/2	M8X0.75	M16X1	24	M4X0.7	18	12.5	6	

Internal Structure



No.	Name
1	Valve body
2	Diaphragm
3	Throttle body
4	O-ring
5	O-ring
6	Throttle sheath
7	Fixed nut
8	Throttle column
9	Lock nut
10	Adjustment cap

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Flow Chart

