

# Function Fittings, QR1 - Inch

Right angle flow control valve



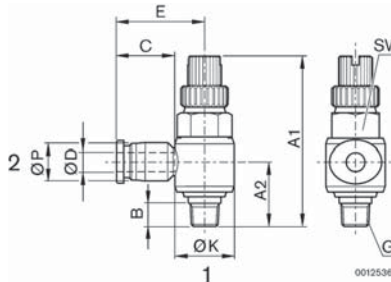
★ Right angle flow control valve, series QR1-DWA (meter out)

Type	Cone choke	
Max. pressure	145 psi	
Opening pressure (check valve)	7 psi	
Nominal flow rate Q <sub>n</sub> (SCFM) at 87 psi, Δp = 15 psi	See table	
Ambient temperature range	32 °F to +140 °F	
Medium	Compressed air, lubricated or non-lubricated	
Weight	See table	
Materials	Body	PBT
	Seals	Buna-N
	Throttling screw	Brass, nickel-plated



★ Part no.

	Direction of throttle	G	Ø D	Nominal flow rate [SCFM]	Weight [lbs]	Per Pack	Part no.
	1 --> 2	10-32 UNF	5/32	2.65	0.02	1	R432002367
		10-32 UNF	1/4	2.65	0.02	1	R432002369
		NPT 1/8	5/32	6.0	0.04	1	R432002368
		NPT 1/8	1/4	6.0	0.04	1	R432002370
		NPT 1/8	5/16	6.0	0.04	1	R432002373
		NPT 1/4	1/4	9.88	0.07	1	R432002371
		NPT 1/4	5/16	9.88	0.09	1	R432002374
		NPT 1/4	3/8	9.88	0.09	1	R432002377
		NPT 3/8	1/4	33.54	0.14	1	R432002372
		NPT 3/8	5/16	33.54	0.14	1	R432002375
		NPT 3/8	3/8	33.54	0.15	1	R432002378
		NPT 3/8	1/2	33.54	0.15	1	R432002380
		NPT 1/2	5/16	54.72	0.22	1	R432002376
		NPT 1/2	3/8	54.72	0.23	1	R432002379
		NPT 1/2	1/2	54.72	0.23	1	R432002381



Part no.	G	Ø D	A1 (max)	A2	B	C	E	Ø K	SW	Ø P
R432002367	10-32 UNF	5/32	1.044	0.256	0.138	0.63	0.725	0.394	5/16	0.411
R432002369	10-32 UNF	1/4	1.852	0.591	0.493	0.67	0.839	0.394	5/16	0.489
R432002368	NPT 1/8	5/32	1.044	0.256	0.138	0.63	0.725	0.394	7/16	0.411
R432002370	NPT 1/8	1/4	1.418	0.473	0.276	0.67	0.855	0.567	7/16	0.489
R432002373	NPT 1/8	5/16	2.049	0.619	0.611	0.729	0.926	0.567	7/16	0.567
R432002371	NPT 1/4	1/4	1.635	0.493	0.394	0.67	0.938	0.725	9/16	0.489
R432002374	NPT 1/4	5/16	1.635	0.571	0.394	0.729	1.052	0.725	9/16	0.567
R432002377	NPT 1/4	3/8	1.852	0.69	0.493	0.827	1.202	0.725	9/16	0.693
R432002372	NPT 3/8	1/4	1.852	0.571	0.496	0.67	1.036	0.867	3/4	0.489
R432002375	NPT 3/8	5/16	1.852	0.63	0.496	0.729	1.068	0.867	3/4	0.567
R432002378	NPT 3/8	3/8	2.049	0.749	0.611	0.827	1.217	0.867	3/4	0.693
R432002380	NPT 3/8	1/2	2.049	0.749	0.496	0.887	1.371	0.867	3/4	0.835
R432002376	NPT 1/2	5/16	2.049	0.682	0.611	0.729	1.143	1.103	1	0.567
R432002379	NPT 1/2	3/8	2.049	0.749	0.611	0.827	1.292	1.103	1	0.693
R432002381	NPT 1/2	1/2	2.049	0.749	0.611	0.887	1.43	1.103	1	0.835

Dimensions in inches