

KP TYPE

FLOW RATE

FLOW PRESSURE	FLOW RATE FOR NOMINAL INCH (MM) VALVE SIZE AT STATED FLOW PRESSURE						
	1½" 40mm	2" 50mm	2½" 65mm	3" 80mm	4" 100mm	6" 150mm	8" 200mm
BAR	l/s	l/s	l/s	l/s	l/s	l/s	l/s
0.01	0.8	0.9	1.2	1.6	3.3	5.8	14.4
0.02	1.1	1.3	1.7	2.3	4.7	8.2	20.3
0.04	1.6	1.8	2.4	3.2	6.6	11.6	28.8
0.06	1.9	2.2	2.9	3.9	8.1	14.2	35.2
0.10	2.5	2.8	3.8	5.1	10.5	18.4	45.5
0.15	3.0	3.4	4.6	6.2	12.8	22.5	55.7
0.20	3.5	4.0	5.3	7.2	14.8	26.0	64.3
0.25	3.9	4.4	6.0	8.1	16.5	29.0	71.9
0.30	4.3	4.9	6.5	8.8	18.1	31.8	78.8
0.50	5.5	6.3	8.4	11.4	23.4	41.1	101.7
1.00	7.8	8.9	11.9	16.1	33.1	58.1	143.9
2.00	11.0	12.6	16.9	22.8	46.7	82.1	203.5
3.00	13.5	15.4	20.7	27.9	57.3	100.6	249.2
Kv M³/HR	28	32	43	58	119	209	518

CONVERSION FACTORS

Litres per second to cubic metres per hour x 3.6

Litres per second to cubic metres per minute x 0.06

Litres per second to gallons per hour x 791.9

Litres per second to gallons per minute x 13.2

PRESSURE

Bar to pounds per square inch x 14.5

Bar to Pascal x 100,000

Bar to metres x 10.2