

Flow Charts - KP Type

Flow Pressure	FLOW RATE FOR NOMINAL INCH (mm) VALVE SIZE AT STATED FLOW PRESSURE							
	1½" {40}	2" {50}	2½" {65}	3" {80}	4" {100}	6" {150}	8" {200}	10" {250}
BAR	l/s	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	24.2
0.02	1.1	1.3	1.7	2.3	4.7	8.2	20.3	34.2
0.04	1.6	1.8	2.4	3.2	6.6	11.6	28.8	48.4
0.06	1.9	2.2	2.9	3.9	8.1	14.2	35.2	59.3
0.10	2.5	2.8	3.8	5.1	10.5	18.4	45.5	76.5
0.15	3.0	3.4	4.6	6.2	12.8	22.5	55.7	93.7
0.20	3.5	4.0	5.3	7.2	14.8	26.0	64.3	108.2
0.25	3.9	4.4	6.0	8.1	16.5	29.0	71.9	121.0
0.30	4.3	4.9	6.5	8.8	18.1	31.8	78.8	132.5
0.50	5.5	6.3	8.4	11.4	23.4	41.1	101.7	171.1
1.00	7.8	8.9	11.9	16.1	33.1	58.1	143.9	241.9
2.00	11.0	12.6	16.9	22.8	46.7	82.1	203.5	342.2
3.00	13.5	15.4	20.7	27.9	57.3	100.6	249.2	419.1
Kv m³/hr	28	32	43	58	119	209	518	871

CONVERSION FACTORS

Litres per second to cubic metres per hour	x3.6
Litres per second to cubic metres per minute	x0.06
Litres per second to gallons per hour	x791.9
Litres per second to gallons per minute	x13.2
Pressure:- Bar to pounds per square inch	x14.5
Bar to Pascal	x100,000
Bar to metres	x10.2

NOTES

Computed flow rates based on pressure square root relationship.

Higher flow rates available (cost option) for 50 mm valves and larger. Suitable for low pressure applications.

Keraflo Ltd. reserve the right to change specifications, design and materials without prior notice.