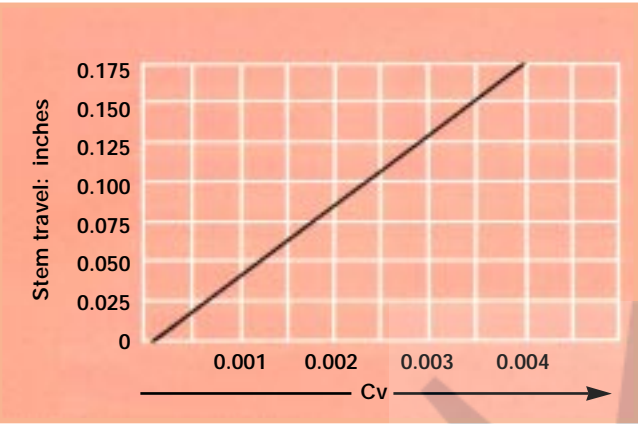


MICRO-METERING VALVES PRESSURES TO 60,000 PSI



Series	O.D. Size (inches)	Connection Type	Orifice Size (inches)	Rated Cv	Pressure/Temp. Rating psi @R.T.*
30VRMM	1/4	F250C	0.062	0.004	30,000

FLOW COEFFICIENT Cv



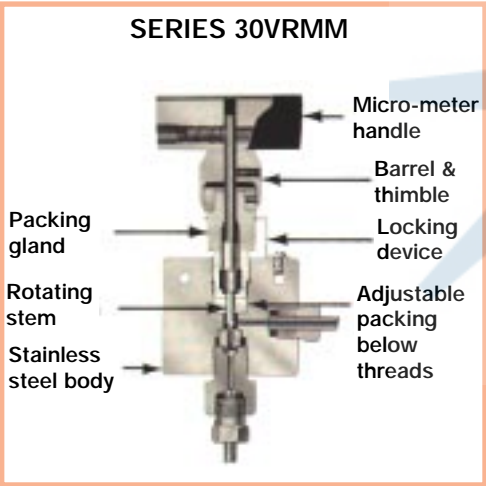
Micro-metering valves are designed for applications where more precise control of small flows is required than is possible with a standard regulating stem. Barrel and thimble micrometer design permits setting to be repeated.

Metering is effected by a finely tapered stem acting in a precisely mated replaceable seat. Very fine stem position is achieved utilising a 40 TPI thread.

These valves are designed for metering only and cannot be used as a shut off valve. Minimum flow is factory set and occurs at "0" position. **DO NOT OPERATE THE VALVE BELOW THE ZERO POSITION OR DAMAGE WILL RESULT.** When shut off action is required, a correlated shut off valve from AE series 30VM should be installed.

AE Micro-metering Valves feature:-

- Barrel and thimble design permits repeatable settings.
 - Barrel divisions every 0.025"
 - 25 thimble divisions, each representing 0.001" stem travel
 - One revolution = 0.025" stem travel
- Cold-worked type 316 stainless steel body with stainless steel packing gland. Stems and seat are cold-worked type 316 stainless steel.
- Packing below stem threads is Teflon.
- AE High Pressure coned and threaded connections are used.



Catalog Number	O.D. Tube (inches)	Orifice (inches)	Dimensions (inches)												Block Thickness	Valve Pattern
			A	B	C	D	E	F	G	G1	H*	M	N	N		
30VRMM4812	1/4	0.062	2.00	1.00	0.50	1.12	2.00	2.38	0.97	0.22	5.46	0.69	0.50	1.00	1.00	

Note:

*Height to top of stem. Handle adds approximately 3/16".
 G - Packing gland mounting hole drill size.
 G1 - Bracket mounting hole size
 Locking screw drill size: 0.22" all valves.
 All dimensions for reference only and subject to change.

BACK TO

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