



MINIMUM DISPLACEMENT
ADJUSTMENT ON
BMV/R MOTORS

Bulletin No.
BMV 000
03.90/013/05

If the known value of the minimum displacement on the BMV/R motors is to be increased or reduced, the minimum displacement adjustment screw must be adjusted in or out respectively.

The following values yield the displacement change per one revolution of the flow stop screw.

Model	Cubic Inch Displacement For One Revolution of The Volume Screw
BMV/R 50	0.085
BMV/R 75	0.100
BMV/R105	0.134
BMV/R140	0.203
BMV/R186	0.244
BMV/R260	0.291

To Adjust:

- 1) Hold the adjustment screw with a 6mm allen key and loosen the self sealing lock nut with a 19mm hex wrench.
- 2) Turn the adjusting screw by the calculated value to obtain the required minimum displacement.
- 3) Re-tighten the lock nut to **50 N-M / 37 Ft-Lb.**