

Procedure to set the desired flow of the manual balancing valve (V4-BLV-GP16-Gxxx)

- Do refer the setting, Kv-value & or flow characteristic data of related size of valve in the data sheet.
Note, Setting (value/no.) indicates that valve opened that much no. of turns & the Kv- factor of a valve indicates the water flow in m³/hr at a pressure drop across the valve of 1 kg /cm² when the valve is completely open.
- Valve has two scales, one is sub-scale & other is main scale.
When valve is completely close & then if start to open the valve gradually, after one turn of the hand wheel the no. on the sub-scale will increase by 1 & subsequently after 10 turns (from 0 to 9) the no. on the main scale will increase by 1.
So suppose when there will be 4 on main scale & 5 on the sub-scale, valve will open 4.5 turns.
- Get/calculate the no. of turns per the desired flow (in cubic meter per hr.).
- Then open the valve up to calculated turns & keep it undisturbed to have the desire/set flow.