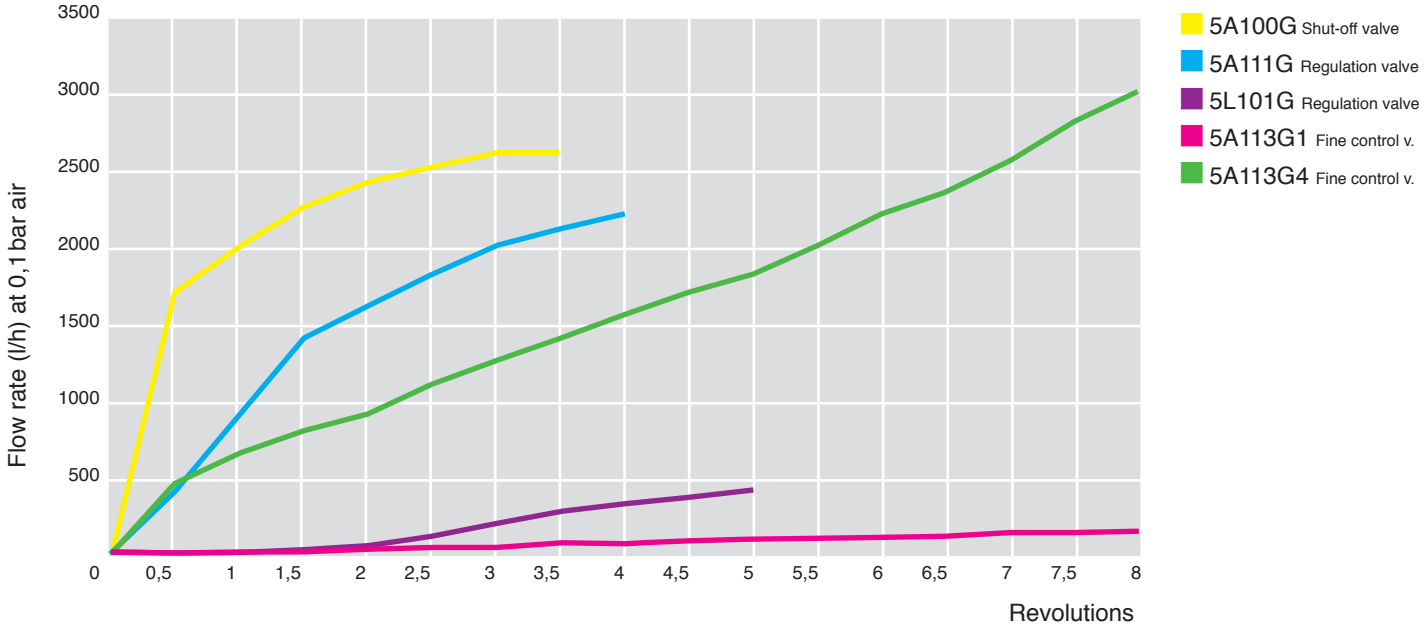
5 Flow Rate Characteristic

Using the flow rate characteristic table you will easily be able to find the right valve for your specific application. The parameter that describes the flow of a valve is the K_v value. In accordance with VDI/VDE 2173, the K_v value defines the flow (m³/h) of water (20°C) that flows through a valve at a differential pressure of DP = 1 bar at a maximum stroke (H). Some valves have flow rate characteristics with a linear curve, i.e. the same change in the spindle stroke effects the same change in the Kv value. The table with the flow rate characteristics provides a good overview of the key differences between our valves and in this way provides information on possible specific applications.

FLOW RATE AT AIR



FLOW RATE AT WATER