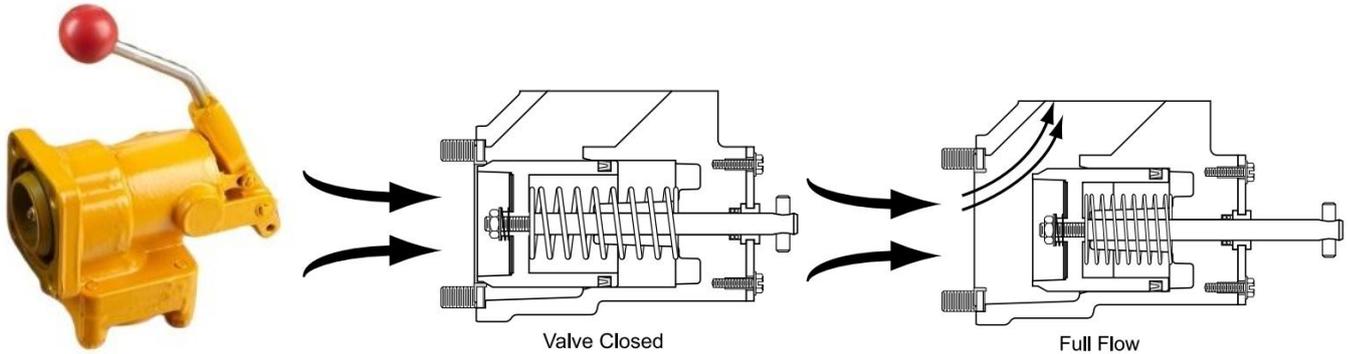


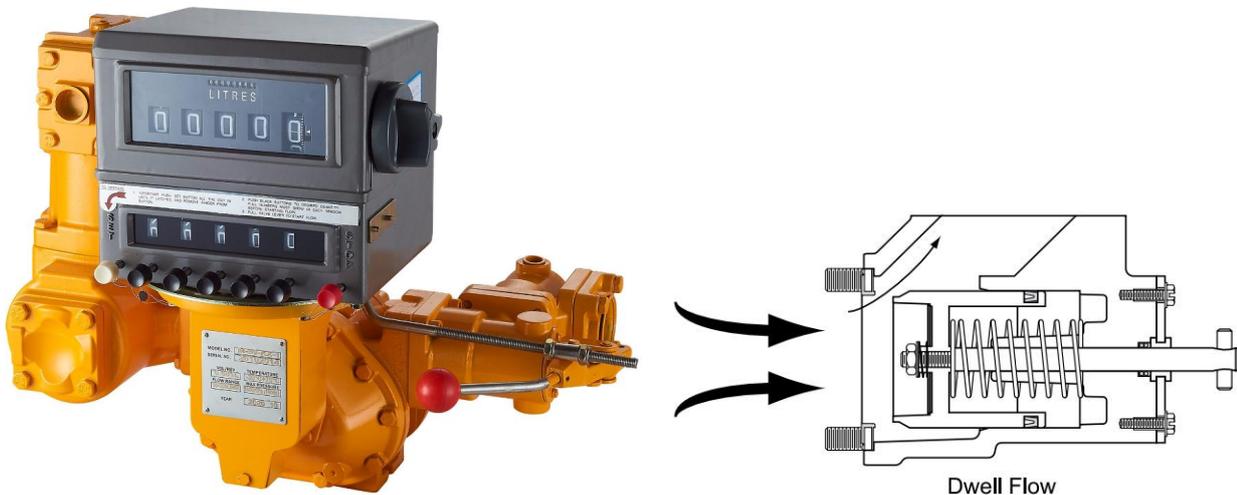
Add:Bali Village Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China.

Precision Preset Piston Valve for Positive Displacement Flow Meter Systems



General Information

V-XX Series of Preset Piston Valves are designed for a wide range of applications and flow rates and have minimum pressure loss. Careful engineering and construction ensure smooth, accurate, and controlled operation. The V-XX Series of Preset Piston Valves mechanically-actuated piston valves are available in 2", 3" & 4" sizes, and are designed for mounting on the meter outlet to provide tight shut-off with smooth and easy operation regardless of system line pressure. The valves may be manually operated or connected via a mechanical linkage to a preset counter on the meter for single-stage closure (for low flow applications) or two-stage closure with dwell period to eliminate hydraulic shock. The valves are index-able in 90° increments for up, down, or side facing outlet. They offer the important advantage of a pressure-balanced dash pot design that ensures precise valve response and soft closure at shut-off. Operation is smooth and easy regardless of the line pressure, since the vector forces are directed at right angles to the valve opening mechanism and are never in opposition to it. Depending on the preset, the valve may be operated as either a two-stage valve with dwell period shut-off, or as a single-stage valve with abrupt shut-off. Single stage valves are recommended when the application flow rates are low.



Ordering Specifications:

Item No.	Flange Type	Material	Max. Flow Rate	to be used for Meter
V-50-AL	Square	Aluminum	550 LPM	for M-40 (1.5") & M-50(2") Meter
V-80-AL	Square	Aluminum	1150 LPM	for M-80 (3") Meter
V-100-AL	Square	Aluminum	1700 LPM	for M-100 (4") Meter

Warning!

Before disassembly of any meter or accessory component, ALL INTERNAL PRESSURES MUST BE RELIEVED. Pressure must be 0 (zero) psi. Close all liquid and vapor lines between the meter and liquid or gas pressure source (such as the supply tank, discharge lines and supply lines).