# FLECK 5812
C V

HIGH PERF FLEXIBLE

MADE IN THE USA
OF FOREIGN & DOMESTIC PARTS

## FEATURESBENEFITS

Fiber-reiorced polymer valve body for superior strength and durability, non-crosive, and UV-resistant

Continuous service flow rate of

a
a

a e w r s d n a P

## VALVE SPECIFICATIONS

| | |
|---|---|
| Valve Material | Fiber-reinforced polymer |
| Inlet/Outlet | 3/4", 1", or 1-1/4" NPT/ BSP/Sweat |
| Cycles | 5 |

## FLOW RATES (50 PSI INLET) – VALVE ALONE - 2.5" BASE

| Piston | Downflow | Upflow | Filter |
|---|---|---|---|
| Continuous (15 psi drop) | 43 GPM 9.9 $m^3$/hr | 39 GPM 8.9 $m^3$/hr | 37 GPM 8.4 $m^3$/hr |
| Peak (25 psi drop) | 56 GPM 12.7 $m^3$/hr | 51 GPM 11.9 $m^3$/hr | 47 GPM 10.7 $m^3$/hr |
| Cv (flow at 1 psi drop) | 11.2 | 10.1 | 9.4 |
| Max. Backwash (25 psi drop) | 33 GPM 7.5 $m^3$/hr | 36 GPM 8.1 $m^3$/hr | 45 GPM 9.9 $m^3$/hr |

## FLOW RATES (50 PSI INLET) – VALVE ALONE - 4" BASE

| Piston | Downflow | Upflow | Filter |
|---|---|---|---|
| Continuous (15 psi drop) | 45 GPM 10.3 $m^3$/hr | 40 GPM 9.1 $m^3$/hr | 38 GPM 8.7 $m^3$/hr |
| Peak (25 psi drop) | 59 GPM 13.3 $m^3$/hr | 52 GPM 11.7 $m^3$/hr | 50 GPM 11.3 $m^3$/hr |
| Cv (flow at 1 psi drop) | 11.7 | 10.3 | 9.9 |
| Max. Backwash (25 psi drop) | 34 GPM 7.8 $m^3$/hr | 36 GPM 8.2 $m^3$/hr | 45 GPM 10.2 $m^3$/hr |

## REGENERATION

| | |
|---|---|
| Downflow/Upflow | Both |
| Adjustable Cycles | Yes |
| Time Available | |
| SXT: | 0 - 199 min/cycle |
| XTR2: | 0 - 240 min/cycle |

## METER INFORMATION

| | |
|---|---|
| Meter Accuracy | |
| 1-1/4" Turbine: | 2 - 40 GPM ± 5% (0.45 - 9 $m^3$/h) |
| Meter Capacity Range | |
| SXT: | 1 - 999,900 gal (0 - 3,785 $m^3$) |
| XTR2: | 1 - 9,999,999 gal (0 - 378,541 $m^3$) |

## DIMENSIONS

| | |
|---|---|
| Distributor Pilot | 1.05" O.D. (26.7 mm) 32 mm I.D. 1" I.D. (25.4 mm) |
| Drain Line | 1.5" NPTF Quick-Connect |
| Brine Valve | |
| 1600: | 3/8" |
| Injector System | 1610 |
| Mounting Base | 2.5"– 8 NPSM 4" – NPSM |
| Height from Top of Tank | 12" (305 mm) |
| Riser Height | 1/4" Below top of tank |

## TYPICAL APPLICATIONS

| | |
|---|---|
| Water Softener | 8 - 24" diameter |
| Filters | 8 - 24" diameter based on 10 GPM/$ft^2$ |

## ADDITIONAL INFORMATION

| | |
|---|---|
| Electrical Rating | 12 Volts DC |
| Estimated Shipping Weight | 12 lbs |
| Pressure | |
| Hydrostatic: | 300 psi (20 bar) |
| Working: | 20 - 125 psi (1.4 - 8.5 bar) |
| Temperature | |
| Cold Water Valve: | 34 - 110°F (1 - 43°C) |

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