

# Manual Valve, PTFE/CTFE Distribution Flow Path, 2- ports(180°), HVX (1-5)

Specification Sheet (Part/REF # 86910)



Valves designed for hand actuation. These valves have high reliability and an inert flow path.

## Product Specifications

<b>Valve Model</b>	1-5
<b>Valve Model Description</b>	Distribution Flow Path 2-ports(180°)
<b>Fluid Path</b>	PTFE/CTFE
<b>Valve Size</b>	HVX
<b>Nominal Port Diameter</b>	0.118 inch (3 mm)
<b>Valve Outer Body Dimension</b>	1 inch (25.4 mm)
<b>Housing Material</b>	Aluminum
<b>Total Dead Volume</b>	108.8 µL
<b>Actuated</b>	Manual
<b>Break Away Torque</b>	65 in. oz. (455 mNm)
<b>Panel Mounting</b>	Yes
<b>Panel Thickness</b>	0.625 inch (15.9 mm)
<b>Thread Depth</b>	0.219 inch (5.6 mm)
<b>Threaded Connection</b>	¼-28
<b>Operating Temp High</b>	38 °C (100 °F)
<b>Operating Temp Low</b>	-12 °C (10 °F)
<b>Operating Pressure</b>	0 to 100 psig (0 to 6.9 bar)
<b>Storage Temp High</b>	38 °C (100 °F)
<b>Storage Temp Low</b>	-18 °C (0 °F)

Specifications are subject to change without notice  
<https://www.hamiltoncompany.com/valves/86910>

Spec. Version B