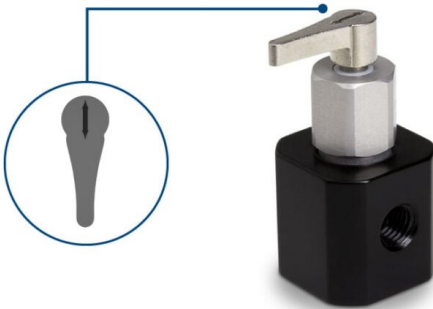


# Manual Valve, PTFE/CTFE 180° Flow Path, 2-ports, HV (1-1)

Specification Sheet (Part/REF # 86725)



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

## Product Specifications

Valve Model	1-1
Valve Model Description	180° Flow Path 2-ports
Fluid Path	PTFE/CTFE
Valve Size	HV
Nominal Port Diameter	0.059 inch (1.5 mm)
Valve Outer Body Dimension	0.75 inch (19.1 mm)
Housing Material	Aluminum
Total Dead Volume	14 µL
Actuated	Manual
Break Away Torque	15 oz-in (105.9 mNm)
Panel Mounting	No
Thread Depth	0.219 inch (5.6 mm)
Threaded Connection	¼-28
Operating Temp High	38 °C (100 °F)
Operating Temp Low	-12 °C (10 °F)
Operating Pressure	0 to 100 psig (0 to 6.9 bar)
Storage Temp High	38 °C (100 °F)
Storage Temp Low	-18 °C (0 °F)

Specifications are subject to change without notice  
<https://www.hamiltoncompany.com/valves/86725>

Spec. Version B