Product		
Service*		
	Saturated Steam for HVAC Systems	
Fluid Temperature	Water VG1205	and VG1805 Series: 23 to 250°F (-5 to 121°C)
Limits		<b>Series:</b> 15 psig (103 kPa) at 250°F (121°C)
Valve Body Pressure/		g (3,996 kPa) (PN40)
Temperature Rating		(103 kPa) Saturated Steam
Maximum Closeoff	VG1205 and VG1805 Series: 200 psig (1,378 kPa)	
Pressure		
Maximum	50 psi Maximum Differential Pressure for Valves	
Recommended	30 psi Maximum for Quiet Service	
Operating Pressure		
Drop		
Flow Characteristics		ual Percentage
		ual Percentage Flow Characteristics of In-line Port (Coil)
		Linear Flow Characteristics of Angle Port (Bypass)
Rangeability**	Greater than 500:1	
Minimum Ambient		06 and M9109 Series Non-Spring Return Actuators
Operating	-25°F (-32°C) M9206 Series Spring Return Actuators	
Temperature	-22°F (-30°C) M9216-GGx-2 Series Spring Return Actuators -4°F (-20°C) M9216-Agx-2 and M9216-Bxx-2 Series Spring Return Actuators	
Maximum Ambient		25°F (52°C) M9106 and M9109 Series Non-Spring
Operating Temperatu	•	eturn Actuators
re*** (Limited by the Actuator)		40°F (60°C) M9206 Series Spring Return Actuators
Actuator)		or Fluid Temperature Below 212°F (100°C)
	Series	122°F (50°C) M9216 Series Spring Return Actuators
		or Fluid Temperature Between 212 and 250°F (100 and
	1	21°C)
<u> </u>	100°F (38°C) For All Actuators	
Leakage		
	(Two- and Three-Way Control Port)	
	1% of Maximum Flow for Three-Way Bypass Port	
End Connections	BSPP	Formed Dreep
Materials		
		VG1x05 Series: 300 Series Stainless Steel
	Blowout-Proof	VG1x05 Series: 300 Series Stainless Steel
	Stem Seats	Craphite Beinforced DTEE with EDDM O Ping
	50015	Graphite-Reinforced PTFE with EPDM O-Ring Backing
	Stem Seals	EPDM Double O-Rings
	Characterizing	AMODEL AS-1145HS Polyphthalamide Resin
	Disk	
		d; refer to VDI 2035 Standard.

Proper water treatment is recommended; refer to VDI 2035 Standard.
Rangeability is defined as the ratio of maximum controllable flow to minimum controllable flow.

\*\*\* In steam applications, install the valve with the stem horizontal to the piping, and wrap the valve and piping with insulation.