

V4055A, V5055A

ON/OFF Fluid Power Gas Valve Actuator and Gas Valve



The V4055A/V5055A is used for emergency shut-off or ON/OFF control of city gas, LPG or natural gas. The valve opens slowly to ignite gas burners safely and reliably.

An auxiliary switch can be installed on this fluid power gas unit, which consists of the V4055A valve actuator and the V5055A gas valve.

Specifications

V4055A	Maximum operating differential pressure, 1 to 3B	34kPa
	Maximum closing pressure	103kPa
	Mass	Approx. 6.2kg
V5055A	Actuator used with	V4055A
	Applicable fluid	City gas, natural gas or LP gas
	Approvals	UL, FM, CSA

Selection Guide

● V4055A valve actuators

Model No.	Full opening time (s)		Full closing time (s)		Power (50/60Hz)	Consumption current (A)			
	50Hz	60Hz	50Hz	60Hz		Opening 50Hz	Opening 60Hz	Closing 50Hz	Closing 60Hz
V4055A1189	31	26.5	1 max.		100Vac	0.91	0.67	0.16	0.14
V4055A1197					200Vac	0.79	0.52	0.09	0.07
V4055A1213	15.5	13			100Vac	1.3	0.91	0.16	0.14
V4055A1221					200Vac	1.1	0.72	0.09	0.07

● V5055A gas valves

Model No.	Valve size (Rp thread)	Flow rate (m ³ /h) (at 250Pa diff. pressure)		Flow capacity (Cv)	Mass (kg)
		Specific gravity 0.6	Specific gravity 1.53		
V5055A1061	1B	27	17	19	1.8
V5055A1079	1-1/4B	39	25	27	1.8
V5055A1145	1-1/2B	48	31	33	1.8
V5055A1152	2B	102	66	70	3.6
V5055A1160	2-1/2B	119	78	82	5.0
V5055A1178	3B	147	96	101	5.0

Accessories (sold separately)

Model No.	Description
133568	Auxiliary switch for V4055A

Dimensions (Unit: mm)

Actuator	Gas valve	Valve size	A	B	C	D	E	F	G
V4055A1189	V5055A1061	1B	282.5	70	208	146	57	122	71
	V5055A1079	1 1/4B	282.5	70	208	146	57	122	71
V4055A1197	V5055A1145	1 1/2B	282.5	70	208	146	57	122	71
V4055A1213	V5055A1152	2B	286	73	211.5	212.5	70	193	89
V4055A1221	V5055A1160	2 1/2B	298.5	85.5	224	235	70	193	114.5
	V5055A1178	3B	298.5	85.5	224	235	70	193	114.5