

Features

Compact and light weight actuated valve.

Ouick operating time suitable for On / Off usage.

Low pressure loss and high flow rate.

Rack and Pinion configuration.

Wide products range.

Available option

Direct mounting of KITZ OEM solenoid valve without any tubing work

Actuator design specifications

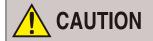
Туре	C-1	C-2	CS-1	CS-2	FBS-1		
Operating medium		In	strumentatio	n air			
Standard operating pressure	60psi (0.39MPa)						
Operating pressure range		Instrumentation air 60psi (0.39MPa) 60psi~100psi (0.39MPa~0.69MPa) 34.5 75.2 11.5 27.4 67 140psi (0.97MPa) 90° (+5° to +1°) 90° (+5° to -5°) 0.073 0.16 0.033 0.071 0.18 Max. 1 second -4°F to +140°F					
Output torque In-lbs	34.5	75.2	11.5	27.4	67		
Cylinder pressure test		1	40psi (0.97M	Pa)			
Operating angle		90° (+5° to +1°)			90° (+5° to -5°)		
Cylinder volume(I)	0.073	0.16	0.033	0.071	0.18		
Stroke time(close⇔open)	Max. 1 second						
Service temperature			-4°F to +140°	Ϋ́F			
Service condition	General purpose						

|Materials: Type C & CS

Parts	ASTM
Housing	B85 -96 -383.0
Piston	B86 -96 -AG 40A
Shaft	A576 Gr.1045
Bearing	B505 C83600
Cap screw	A193 Gr.B8
Gasket	NBR
O-ring	NBR
Snap ring	A686 W1-8
Spring	A228
Spring retainer	B85 -96 -383.0
Plug	A576 Gr.1010

|Product Line Up

Type of actuator	Figure	CLASS125					
		Material	Port	Neck	End connection	Valve size range	
Type C Double acting	AKTE	Bronze	2-way	Short	Threaded	3/8" to 2"	
	AKTFE	Brass or Bronze	2-way	Short	Threaded	¹ /2" to 1 ¹ /2"	
	AKTLE	Bronze	2-way	Long	Threaded	¹ /2" to 2"	
	AKTNE	Bronze	Horizontal 3-way	Short	Threaded	1/4" to 2"	
	AKTGE	Bronze	2-way	Short	Threaded(with gland)	3/8" to 1"	
	AKTUE	Bronze	2-way	Short	Male & Female threaded	1/2" & 3/4"	
	AKTLUE	Bronze	2-way	Long	Male & Female threaded	1/2" & 3/4"	
	AKUTE	Stainless Steel	2-way	Short	Threaded	¹ / ₄ " to 2"	
	AKUTFE	Stainless Steel	2-way	Short	Threaded	¹ /2" to 1 ¹ /2"	
	AKUTGE	Stainless Steel	2-way	Short	Threaded	¹ /4" to 1"	
	AKUTNE	Stainless Steel	Horizontal 3-way	Short	Threaded	1/4" to 2"	



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