

Type EA

Type EAB·EAL

Type EALB·EAH

Type EAH·EAHB

Type EC·ECS

Type EAE

Type ED

Type C·CS/FBS

Type	KITZ Fig.	Actuator		Threaded Ball valves						Page	
		Rotation*	Function	Material	Port	Neck	Bore**	Ends connection	Size		
<b>EAH</b> 100V AC 200V AC	EAH100 / 200-TNVE	180°B.D.	(Basic)	Bronze	Vertical 3-way	Short	S.B.	Threaded	1/2" to 1 1/4"	22	
	Stainless steel			Vertical 3-way	Short	R.B.	Threaded	1/4" to 1"			
<b>EAHB</b> 100V AC 200V AC	EAHB100 / 200-TNVE		Terminal box		Bronze	Vertical 3-way	Short	S.B.	Threaded	1/2" to 1 1/4"	23
	EAHB100 / 200-UTVE				Stainless steel	Vertical 3-way	Short	R.B.	Threaded	1/4" to 1"	
<b>EC</b> 100V AC 200V AC	EC100 / 200-TKE*1	90°U.D.	(Basic)	Brass	2-way	Short	R.B.	Threaded	1/4" to 1"	25	
	ECS100 / 200-TKVE*1	180°U.D.		Brass	Vertical 3-way	Short	R.B.	Threaded	1/2" to 1"		
<b>EAE</b> 100V AC 200V AC	EAE100 / 200-TE*2	90°B.D.	Spring return	Bronze	2-way	Short	S.B.	Threaded	3/8" & 1/2"	27	
	EAE100 / 200-TNE*2			Bronze	Horizontal 3-way	Short	S.B.	Threaded	1/4" to 1/2"		
	EAE100 / 200-TUE			Bronze	2-way	Short	R.B.	Male & female threaded	1/2"		
	EAE100 / 200-UTE			Stainless steel	2-way	Short	R.B.	Threaded	1/4" to 1/2"		
	EAE100 / 200-TKSE*2			Brass	2-way	Short	R.B.	Threaded	1/4" to 3/4"		
<b>ED</b> 12V DC 24V DC	ED12 / 24-TE	90°B.D.	DC (Basic Version)	Bronze	2-way	Short	S.B.	Threaded	3/8" to 2"	29	
	ED12 / 24-TNE			Bronze	Horizontal 3-way	Short	S.B.	Threaded	1/4" to 2"		
	ED12 / 24-UTE			Stainless steel	2-way	Short	R.B.	Threaded	1/4" to 2"		
	ED12 / 24-UTFE			Stainless steel	2-way	Short	F.B.	Threaded	1/2" to 1 1/2"		
	ED12 / 24-UTGE			Stainless steel	2-way	Short	R.B.	Threaded	1/4" to 1"		
	ED12 / 24-UTWE			Stainless steel	2-way	Short	F.B.	Wafer	3/8" to 1"		

\*1 3/4" and 1" of TKE and TKVE for 5K service.  
 \*2 1/2" of TE, 1/2" of TNE and 3/4" of TKSE are for 5K service.

C·CS/FBS Series pneumatic Actuators Driven Threaded Ball Valves

Type	KITZ Fig.	Actuator		Threaded Ball valves						Page
		Rotation*	Function	Material	Port	Neck	Bore**	Ends connection	Size	
<b>C</b>	C-TE	90°B.D.	Double action	Bronze	2-way	Short	S.B.	Threaded	3/8" to 2"	35
	C-TFE			Brass or Bronze	2-way	Short	F.B.	Threaded	1/2" to 1 1/2"	36
	C-TLE			Bronze	2-way	Long	S.B.	Threaded	1/2" to 2"	37
	C-TNE			Bronze	Horizontal 3-way	Short	S.B.	Threaded	1/4" to 2"	38
	C-TGE			Bronze	2-way	Short	S.B.	Threaded (with gland)	3/8" to 1"	39
	C-TUE			Bronze	2-way	Short	R.B.	Male & female threaded***	1/2" & 3/4"	40
	C-UTE			Stainless	2-way	Short	R.B.	Threaded	1/2" to 1 1/2"	41
	C-UTFE			Stainless	2-way	Short	F.B.	Threaded	1/2" to 1 1/2"	42
	C-UTGE			Stainless	2-way	Short	R.B.	Threaded (with gland)	1/4" to 1"	43
	C-5 / 10UTWE			Stainless	2-way	Short	F.B.	Wafer	3/8" to 1"	44
<b>CS / FBS</b>	CS / FBS-TE	90°B.D.	Spring-return	Bronze	2-way	Short	S.B.	Threaded	3/8" to 1"	35
	CS / FBS-TFE			Brass or Bronze	2-way	Short	F.B.	Threaded	1/2"	36
	CS / FBS-TLE			Bronze	2-way	Long	S.B.	Threaded	1/2" to 1"	37
	CS / FBS-TNE			Bronze	Horizontal 3-way	Short	S.B.	Threaded	1/4" to 1"	38
	CS / FBS-TGE			Bronze	2-way	Short	S.B.	Threaded (with gland)	3/8"	39
	CS / FBS-TUE			Bronze	2-way	Short	R.B.	Male & female threaded***	1/2" & 3/4"	40
	CS / FBS-UTE			Stainless	2-way	Short	R.B.	Threaded	1/4" to 1"	41
	CS / FBS-UTFE			Stainless	2-way	Short	F.B.	Threaded	1/2"	42
	CS / FBS-UTGE			Stainless	2-way	Short	R.B.	Threaded (with gland)	1/4" & 3/8"	43
	CS / FBS-5 / 10UTWE			Stainless	2-way	Short	F.B.	Wafer	3/8" & 1/2"	44

\*Actuator rotation: B.D.=Bi-directional, U.D.=Uni-directional  
 \*\*Bore design: F.B.=Full bore, S.B.=Standard bore, R.B.=Reduced bore  
 \*\*\*Provided with an union-ring