



A TYPE
position indicator ☐
manual override ☐

B TYPE
position indicator ☒
manual override ☒

C TYPE
position indicator ☒
manual override ☐

TFA20 Series 2 way Brass Electric Ball Valve

TFA20系列两通黄铜电动球阀(Low Voltage)

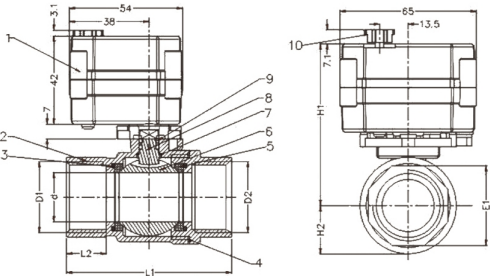
Nice appearance/Small size
Large output torque/Sealed without dripping

COMPOSITIONS组成

NO.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Brass		1
3	O-ring	FKM		2
4	Sealing	PTFE		2
5	Ball	stainless steel	304	1
6	Stem	Brass		2
7	O-ring	FKM		2



Energy saving/environmental protection/comfort/health



DESCRIPTION	D1/D2	d	L1	L2	E1	H1	H2
TF8(1/4")Electric valve	1/4"	8	49	12	20.5	68.5	12
TF10(3/8")Electric valve	3/8"	10	49	12	20.5	68.5	12
TF15(1/2")Electric valve	1/2"	15	56	13	25	71	16
TF20(3/4")Electric valve	3/4"	20	66	15	31	74	19
TF25(1")Electric valve	1"	24	71	15	38	76	22
TF32(1 1/4")Electric valve	1 1/4"	29	79	20	46	78	25

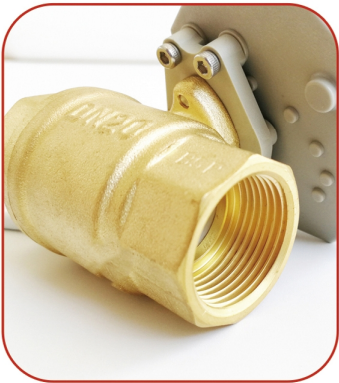
Product size口径 NPT/BSP 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" (Optional)

Maximum working pressure最大工作压力	1.0 MPa
Circulation medium介质	Fluid, air
Working voltage额定电压	DC5V、DC12V、DC24V、AC/DC9-24V (Optional)
Wiring diagram接线图	CR201、CR202、CR301、CR302、CR303、CR304、CR305、CR306、CR501、CR502、CR701、CR702、CR703、CR705、CR706 (Optional)

Working current 工作电流	≤500mA
Open/close time开关时间	≤5S
Life time寿命	100000 times(testing pressure is 0.4MPa,medium is water)
Valve body material阀材质	Brass
Actuator material执行器材质	Engineering Plastics

Sealing material密封材料	FKM & PTFE
Actuator rotation执行器旋转角度	90°
Torque force扭力	2 Nm
Cable length线长	0.5m,1.5m (Optional)
Environment temperature 环境温度	-15℃ ~ 50℃

Liquid temperature液体温度	2℃~ 90℃
Manual override手动功能	Yes No(Optional)
Open/close indicator开关指示	Yes No(Optional)
Protection class 保护等级	IP67



TFA20 Series 2 way Brass Eletric Ball Vlve
TFA20系列两通黄铜电动球阀(AC110-230V)

Nice appearance/Small size
Large output torque/Sealed without dripping

COMPOSITIONS组成

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Brass		1
3	O-ring	FKM		2
4	Sealing	PTFE		2
5	Ball	Stainless Steel	304	1
6	Stem	Brass		1
7	O-ring	FKM		2

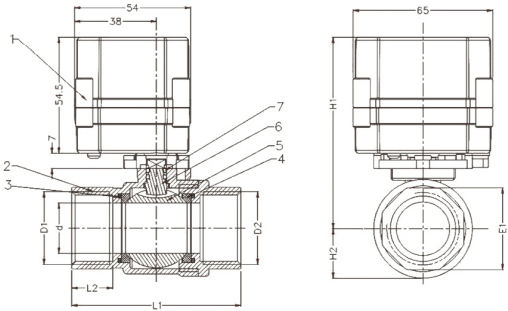


Energy saving/environmental protection/comfort/health



2-Way Brass Electric Ball Valve
110-230V

DESCRIPTION	D1/D2	d	L1	L2	E1	H1	H2
TF8(1/4")Electric valve	1/4"	8	49	12	20.5	80.5	12
TF10(3/8")Electric valve	3/8"	10	49	12	20.5	80.5	12
TF15(1/2")Electric valve	1/2"	15	56	13	25	84	16
TF20(3/4")Electric valve	3/4"	20	66	15	31	87	19
TF25(1")Electric valve	1"	24	71	15	38	89	22
TF32(1 1/4")Electric valve	1 1/4"	29	79	20	46	91	25



Assembly Diagram 组装图

Product size口径	NPT/BSP 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" (Optional)
Maximum pressure最大工作压力	1.0 MPa
Circulation medium介质	Fluid, air
Working voltage额定电压	AC/DC110-230V
Wiring diagram接线图	CR202、CR303、CR305、CR306、CR401、CR502 CR703、CR704、CR705、CR706 (Optional)

Working current工作电流	≤500mA
Open/close time开关时间	≤5S
Life time寿命	100000 times (testing pressure is 0.4MPa,medium is water)
Valve body material阀材质	Brass
Actuator material执行器材质	Engineering Plastics

Sealing material密封材料	FKM& PTFE
Actuator rotation执行器旋转角度	90°
Torque force扭力	2 Nm
Cable length线长	0.5m,1.5m (Optional)
Environment temperature环境温度	-15°C~50°C

Liquid temperature液体温度	2°C~90°C
Manual override手动功能	No
Open/close indicator开关指示	Yes
Protection class保护等级	IP67



Technical Parameters 技术参数