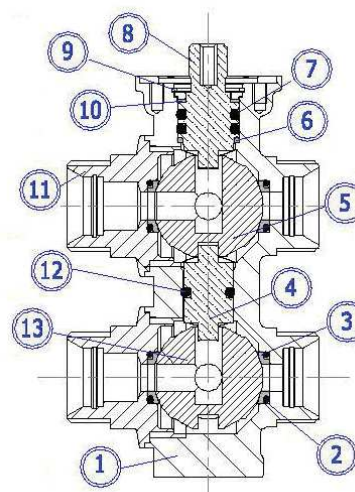


Six-Way Control Valve

ISO 5211 Mounting • Orifice Plate Inserts • Linear Flow Characteristics



Technical Features

Handled Fluid	Water (glycol max 50%)
Min Water Temp	14°F
Max Water Temp	248°F
Normal Pressure	232 PSI
Characteristic Curve	Linear
Cv	Field Adjustable
Size	1/2" and 3/4"
Total Operation Angle	90°
First Side Operation Angle	0-32°
"Dead Zone" Operation Angle	32-58°
Second Side Operation Angle	58-90°
Max Differential Pressure	29 PSI
Weight of Valve	2 lbs
Water Quality	Fe < .5ppm Cu < .1ppm

Material Specifications

No.	Part	Material
1	Body	CW617N Brass
2	O-ring	EPDM
3	Seats	PTFE
4	Stem	CW614N Brass
5	Ball	CW614N Chrome Plated Brass
6	Anti-friction Seat	PTFE
7	O-ring	EPDM
8	Main Stem	CW614N Brass
9	C-clip	Phosphor Bronze
10	Anti-friction seat	PTFE
11	End Connection	CW617N Brass
12	O-ring	EPDM
13	Ball	CW614N Chrome Plated Brass

Part Number	Size	Connection	Weight (Lbs)
Body			
T6-AF-1.45	1/2"	FNPT	2.39
T6-BF-4.62	3/4"	FNPT	4.20
T6-AU-1.45	1/2"	Union	2.20
T6-AU-3.24	1/2"	Union	4.10

Connection Options			
UAF-T6-P	1/2"	FNPT Union Nut	0.20
HCB-12	3/4" x 12"	MNPT x Union	0.80
HCB-18	3/4" x 18"	MNPT x Union	0.90
HCB-24	3/4" x 24"	MNPT x Union	1.10
HCB-36	3/4" x 36"	MNPT x Union	1.40

Actuator		
T6A-P	24VAC, 0-10V, 3-point	1.50

Accessories		
T6-MB-P	T6 Angle Mounting Bracket	-
T6-PLIERS	Pliers for T6 CV Discs	-
T6I-A	1/2" Insulator	-
T6I-B	3/4" Insulator	-



Contact HCl about Prepped 6-way Assemblies