



Born to save energy

CONTROL VALVE

CT-1 Series

Features

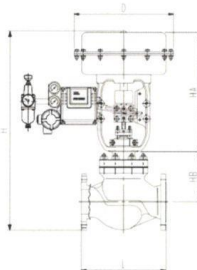
1. Wide rangeability, well finished spindle/valve seat and fast-response actuator provides highly accurate performance.
2. CT-1 is applicable for several applications thanks to anti-corrosive body and other internal parts including long-life grand packing.
3. Spherical main valve offers great sealability and great reduction of valve seat leakage (ANSI Class IV).
4. CT-1 offers several options of positioner (E/P, Smart Positioner etc.) to be mounted depending on request from end user.



Specifications

	Standard	Option
Body material	SCPH2 (A216 WCB)	SCS13, 14, 16
Connection	JIS 10KRF / GB PN16	JIS 20K / ANSI150, 300lb / PN40
Actuator action	Normally close	Normally open
Valve seat / disc material	SUS316	SUS316+PTFE / SUS316L+PEEK
Valve seat leakage	ANSI Class 4	-
Flow characteristic	Equal percentage 1:25	Linear, Modified Parabolic
Gland packing	V-PTFE, PTFE yarn, Graphite yarn	-
Rangeability	50:1	-
Maximum temperature	210 degree C	400 degree C
Positioner	Electric-Pneumatic	SMART E/P, P/P, Electric
Input signal	4-20mA	-
Wire	2 wire	-
Ambient temperature	-20 to +80 degree C	-
Air tube connection	1/4" PT	-

Dimensions (mm) and Weights (kg)



size	Stroke	L (JIS10K, PN16)	H	HA	HB	D	A	Weight
15A	20	184	377	276	100	220	250	13
20A	20	184	377	276	100	220	250	13
25A	20	184	382	276	106	220	250	16
32A	25	222	431	320	111	270	260	22
40A	25	222	431	320	111	270	260	22
50A	25	254	444	320	111	270	260	28
65A	30	276	529	394	155	270	270	48
80A	40	298	561	394	165	350	270	61
100A	40	352	581	394	185	350	270	176

*Bigger sizes are available. Please consult our sales office.

*Regarding modified L (face-to-face dimension), please ask our sales.

YOSHITAKE