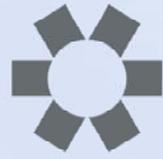


AURORA

Advanced HVAC Solutions



WATER VALVES

MASTERS OF LIQUID FLOW

Water Valves Mechanical Bowden Cable

Mechanical Water Valves control the heating performance via easy adjustable Bowden Cables. Standard connection diameters are \varnothing 16mm / 18mm / 22mm / 28mm. Varied connecting diameters are also available upon request. This water valve has mostly linear operating characteristics, and operates efficiently with a minimum pressure loss. The valve housing is comprised of Polyamide 66 Material, providing Aurora's line of water valves with lightweight and non-corrodible qualities.

Specifications

Flow medium: water with antifreeze (mixture ratio max. 1:1)

Volumetric flow: 100-1.200 l/h

Operating temperature range: -40°C to +100°C fluid temp.

Environmental temperature range: -40°C to +85°C

Nominal pressure of liquid:

p = 1 bar relative Test pressure of the water valve: p1 = 2.5 bar absolute

Technical Information

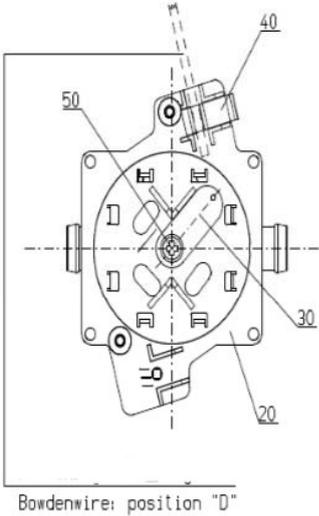
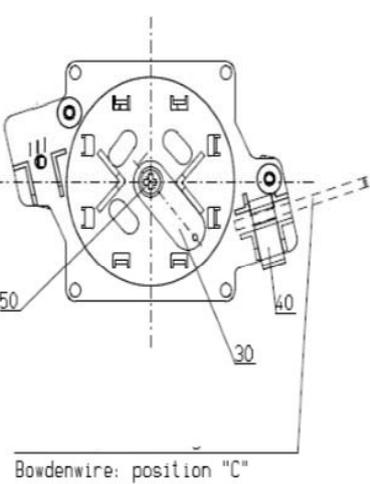
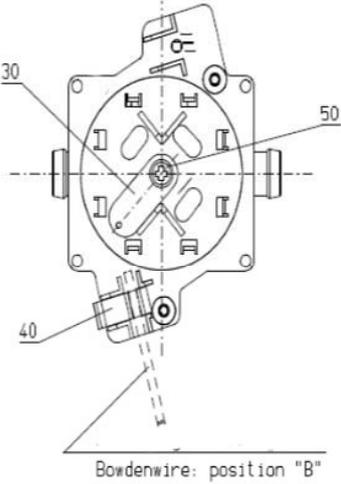
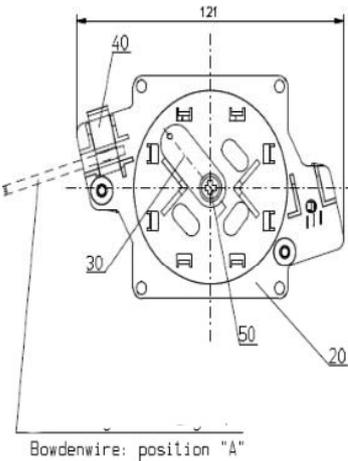
912-100-0007

Variations

Part Number	Description
381-000-0141	\varnothing 16/16 with lever Bowden Wire Pos. A
381-000-0142	\varnothing 16/16 with lever Bowden Wire Pos. B
381-000-0143	\varnothing 16/16 with lever Bowden Wire Pos. C
381-000-0144	\varnothing 16/16 with lever Bowden Wire Pos. D
381-000-0145	\varnothing 22/22 with lever Bowden Wire Pos. A
381-000-0146	\varnothing 22/22 with lever Bowden Wire Pos. B
381-000-0147	\varnothing 22/22 with lever Bowden Wire Pos. C
381-000-0148	\varnothing 22/22 with lever Bowden Wire Pos. D
381-000-0149	\varnothing 28/28 with lever Bowden Wire Pos. A
381-000-0150	\varnothing 28/28 with lever Bowden Wire Pos. B
381-000-0151	\varnothing 28/28 with lever Bowden Wire Pos. C
381-000-0152	\varnothing 28/28 with lever Bowden Wire Pos. D
381-000-0170	\varnothing 18/18 with lever Bowden Wire Pos. A
381-000-0171	\varnothing 18/18 with lever Bowden Wire Pos. B
381-000-0158	\varnothing 18/18 with lever Bowden Wire Pos. C
381-000-0172	\varnothing 18/18 with lever Bowden Wire Pos. D



Flow Direction



Water Valves 5 Pole with Servo Motor

Electrical Water Valve with Servo Motor 5 – Pole with varied diameters. Standard connection diameters are 16mm / 18mm / 22mm / 28mm. Control of this valve is steered by a 5-pole servo motor, providing easy adjustment of the heating performance. Varied connecting diameters are also available upon request. Servo Motors available in both 12 and 24 volts. This water valve has mostly linear operating characteristics, and operates efficiently with minimum pressure loss. The valve housing is comprised of Polyamide 66 Material, giving Aurora's line of water valves with lightweight and non-corrodible qualities.

Specifications

Flow medium: water with antifreeze with mix ratio max. 1:1

Volumetric flow: 100-1.200 l/h

Operating temperature range: -40°C to +100°C fluid temperature

Environmental temperature range: -40°C to +85°C

Nominal pressure of the fluid: $p = 1$ bar relative

Test pressure of the water valve $p_1 = 2.5$ bar absolute

Technical Information

912-100-0007/421

Variations

Part Number	Diameter \emptyset	Voltage (V)
381-000-0300	16/16	24
381-000-0350	16/16	12
381-000-0302	22/22	24
381-000-0352	22/22	12
381-000-0304	28/28	24
381-000-0354	28/28	12
381-000-0390	18/18	12
381-000-0339	18/18	24



