

> **R431TG**

Angle micrometric valve with thermostatic option, with connection for copper, plastic or multilayer pipe adaptor.

Fluid of use: water and glycol solutions (max. 30 %)

Temperature range: 5 ÷ 110 °C

Max. working pressure: 16 bar with manual handwheel; 10 bar in combination with thermostatic heads

Max. differential pressure with thermostatic heads: 1,4 bar (3/8" - 1/2")

Materials

Body and main components: UNI EN 12165 CW617N brass

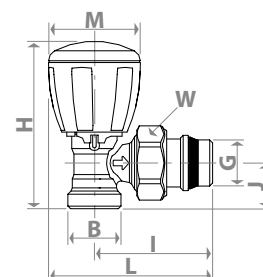
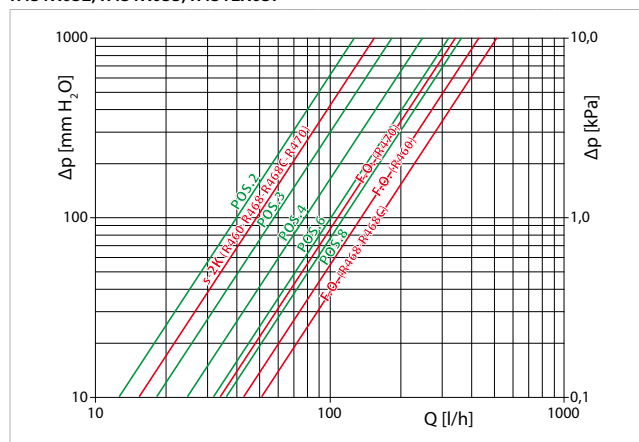
Monobloc command stem: stainless steel

Manual handwheel: ABS

Gaskets: EPDM

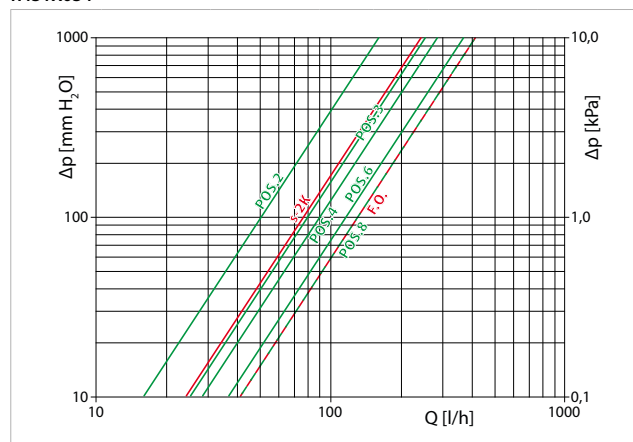
Product code	Connections	Finishing	Type of knob	Adaptors to use	Type of tail piece
R431X032	G 3/8" M x Base 16	Chrome plated brass	Micrometric handwheel	R178, R178C, R179, R179AM	Tail piece with self-sealing
R431X033	G 1/2" M x Base 16	Chrome plated brass	Micrometric handwheel	R178, R178C, R179, R179AM	Tail piece with self-sealing
R431X034	G 1/2" M x Base 18	Chrome plated brass	Micrometric handwheel	R178, R178C, R179, R179AM	Tail piece with self-sealing
R431EX037	G 1/2" M x 3/4" Eurocone	Chrome plated brass	Micrometric handwheel	R178E, R179E	Tail piece with self-sealing

Product code	G x B	H [mm]	I [mm]	J [mm]	L [mm]	M [mm]	W [mm]
R431X032	3/8" x 16	75	53	21	74	42	30
R431X033	1/2" x 16	75	53	21	74	42	30
R431X034	1/2" x 18	75	53	21	74	42	30
R431EX037	1/2" x 3/4" E	75	53	21	74	42	30

**Hydraulic features****R431X032, R431X033, R431EX037****Micrometric adjustment pin position**

Position	2	3	4	6	8
Kv	0,40	0,58	0,78	1,00	1,26

	With R460 head		With R468-R468C head		With R470 head	
Curve	s-2K	F.O.	s-2K	F.O.	s-2K	F.O.
Kv	0,47	1,49	0,47	1,61	0,47	1,14

R431X034**Micrometric adjustment pin position**

Position	2	3	4	6	8
Kv	0,50	0,80	0,90	1,25	1,41

	With R460, R468, R468C, R470, R462, R463 thermostatic heads				
Curve	s-2K		F.O.		
Kv	0,76		1,41		