



PRESTAZIONI

Fluidi d'impiego	Acqua, soluzioni glicolate
Percentuale di glicole max	30%
Max pressione d'esercizio	10 bar
Max Temp. d'esercizio	100°C
Minima temperatura impostabile (solo per art. 0706-0707)	❄ = 7°C

MATERIALI E CARATTERISTICHE TECNICHE

Corpo	Ottone stampato: CW617N UNI EN 12165
Calotta	CW614N UNI EN 12164
Componenti interni	Ottone trafilato: CW614N UNI EN 12164
Cappuccio detentore	CW614N UNI EN 12164
Volantino	ABS
Elementi di tenuta	Gomma EPDM PEROX

PERFORMANCE

Employed fluids	Water, antifreeze solutions
Max. percentage of glycol	30%
Max working pressure	10 bar
Max working temperature	100°C
Min. settable temperature (only for ref. 0706-0707)	❄ = 7°C

MATERIALS AND TECHNICAL FEATURES

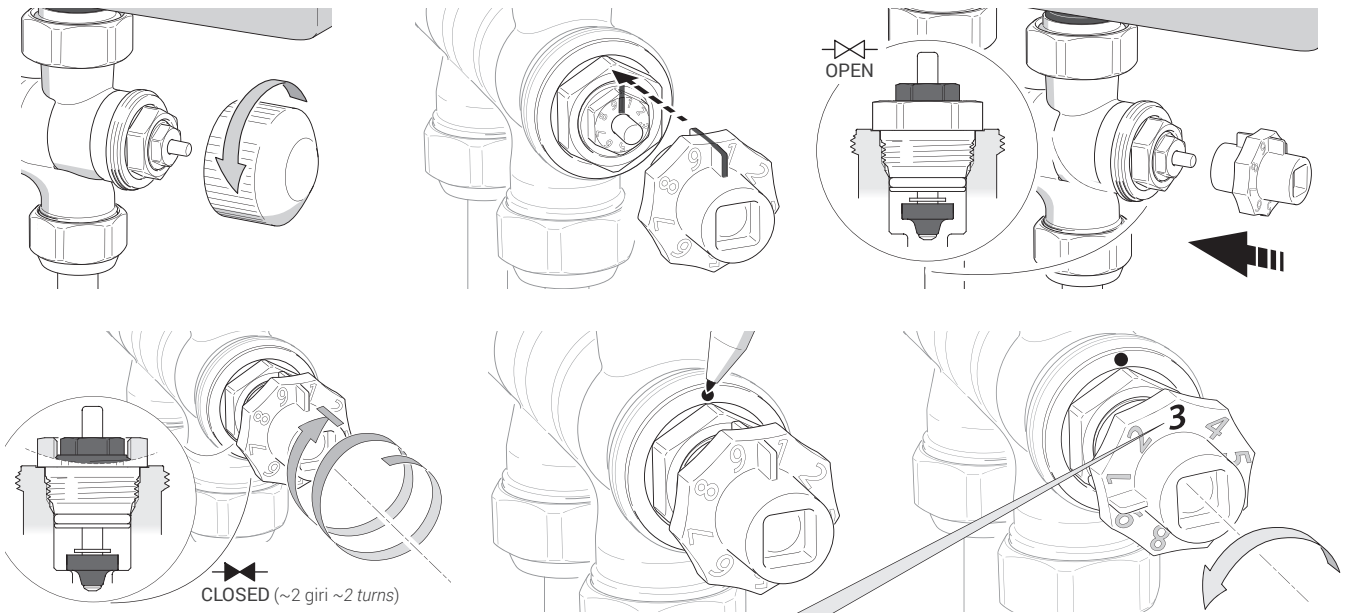
Body	Pressed brass: CW617N UNI EN 12165
Nut	CW614N UNI EN 12164
Inside components	Extruded brass: CW614N UNI EN 12164
Lockshield cap	CW614N UNI EN 12164
Handwheel	ABS
Seal elements	EPDM PEROX rubber

**SCALA DI REGOLAZIONE TESTE TERMOSTATICHE:
N095, N094, N093, 0090, 0091.**



**ADJUSTMENT SCALE OF THERMOSTATIC HEADS:
N095, N094, N093, 0090, 0091.**

Preregolazione Pre-setting

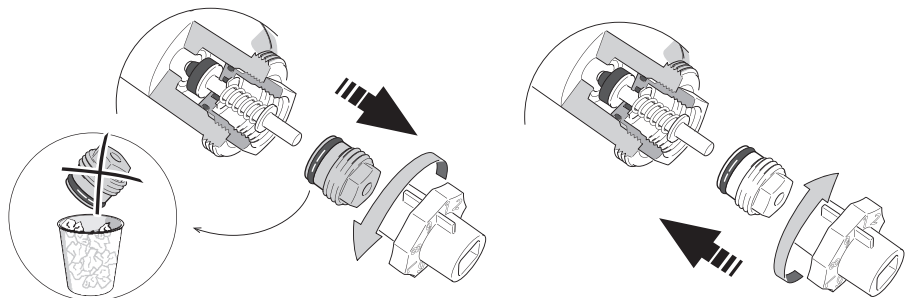


	Posizione Position	1	2	3	4	5	6	7	8	MAX
qmN con banda prop 2K qmN with proportional band 2k [l/h]		0	31,8	105,3	170,8	187	187	187	187	187
(Δp [bar] = 0,1)	qmN Max [l/h]	0	39,7	114,8	186,4	249,3	289,1	293,8	308	482

Manutenzione Maintenance

Possibilità di sostituzione delle tenute senza svuotare l'impianto (nel caso di perdite dell'asta).

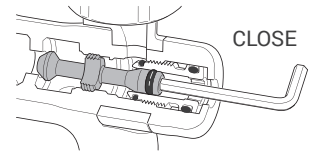
Possibility to replace seals without draining the system (in case of leakage of the valve stem).



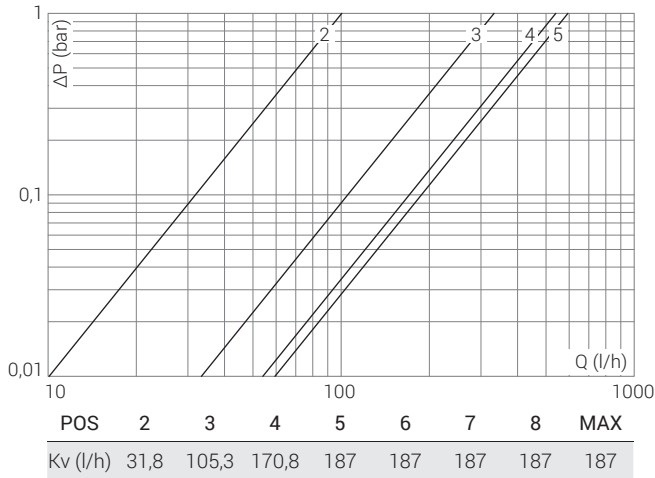
Diagrammi Diagrams

VERSIONE BITUBO VERSION FOR TWO-PIPE SYSTEMS

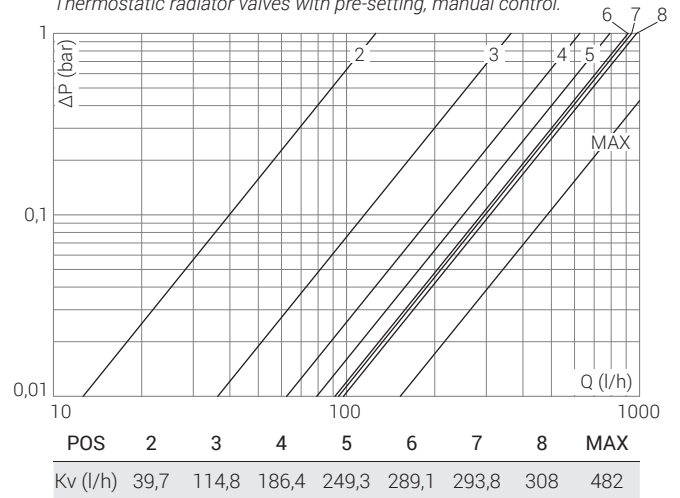
Il gruppo viene fornito con by-pass chiuso *The valve is supplied with closed by-pass.*



Valvole termostatiche con preregolazione, banda proporzionale 2K
Thermostatic radiator valves with pre-setting, proportional band 2k.

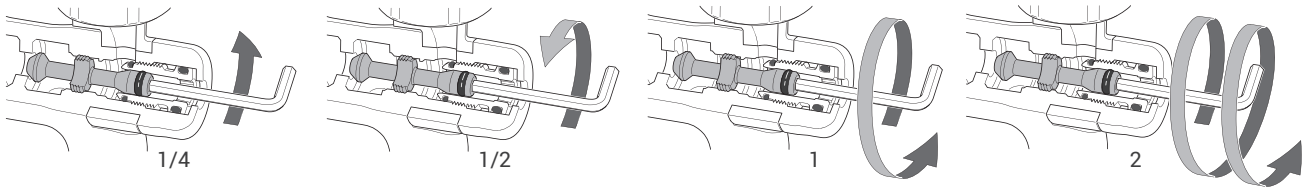


Valvole termostatiche con preregolazione, comando manuale
Thermostatic radiator valves with pre-setting, manual control.

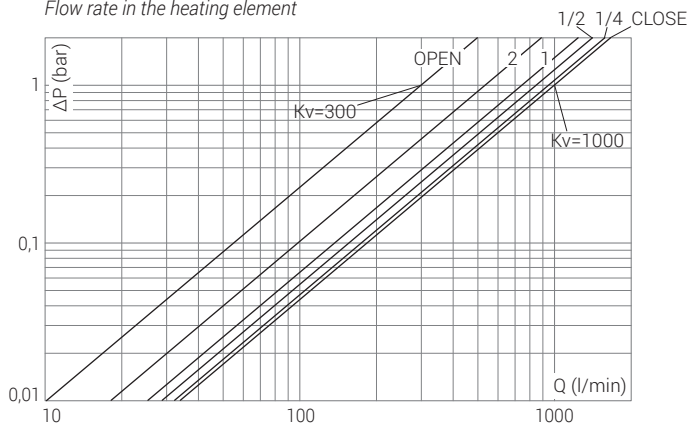


REGOLAZIONE PER MONOTUBO REGULATION FOR ONE-PIPE SYSTEMS

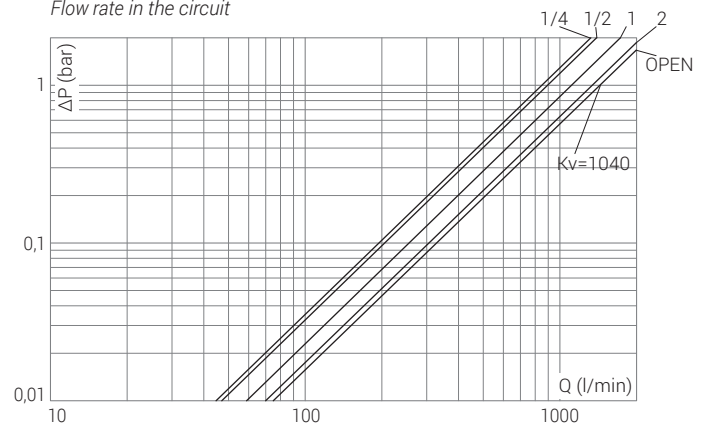
Dati forniti con preregolazione in posizione tutta aperta (MAX) *Values obtained with pre-setting in MAX. opening position.*



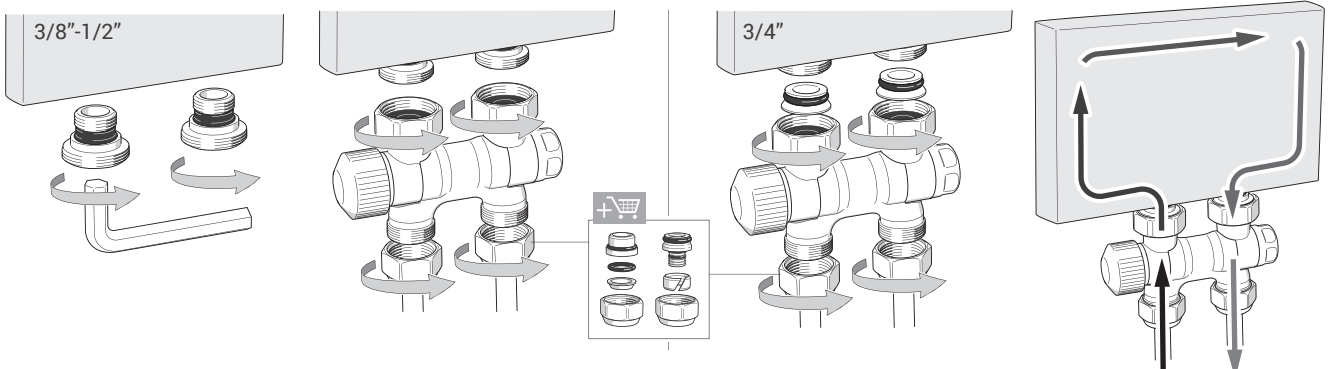
Portata nel corpo scaldante
Flow rate in the heating element



Portata nel circuito
Flow rate in the circuit



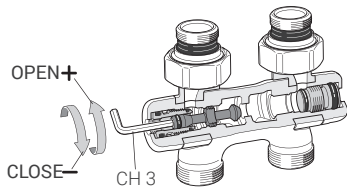
Istruzioni Instructions



Istruzioni *Instructions*

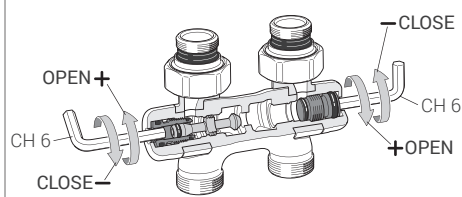
By-pass

Art. 0705-0706-0707

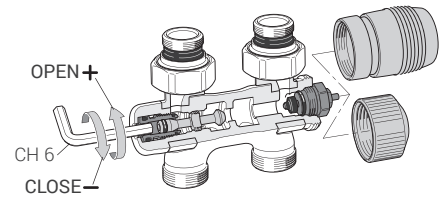


Regolazione detentore *Lockshield regulation*

Art. 0705

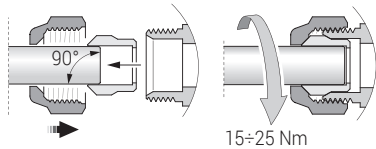


Art. 0706-0707

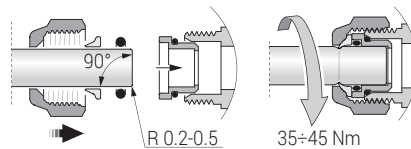


Installazione raccordi *Connection installation*

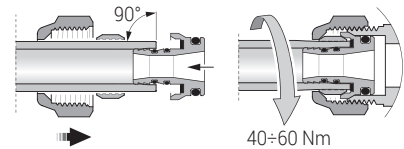
Art. 0280



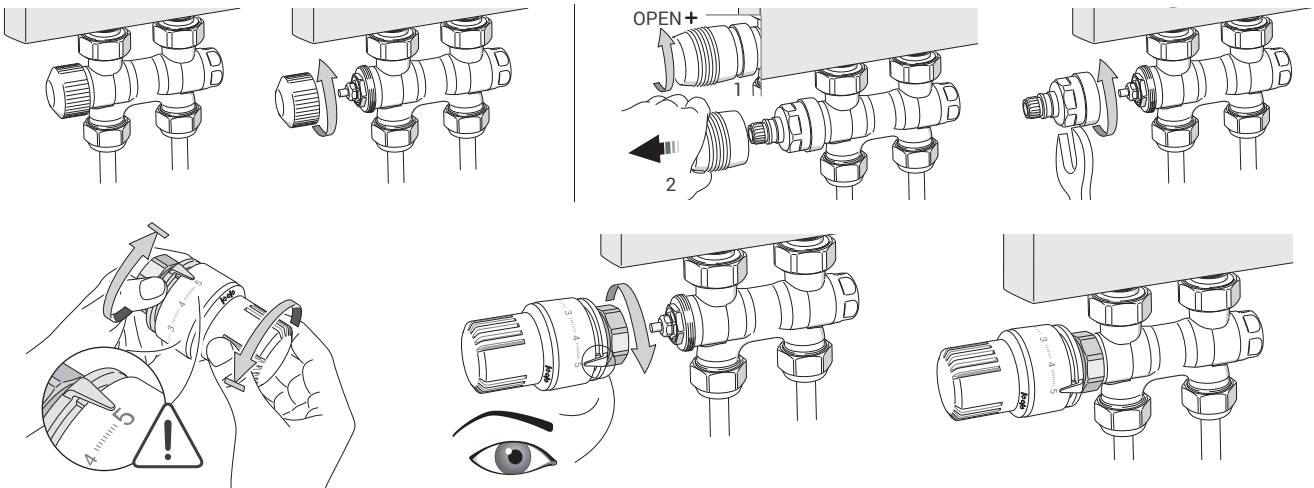
Art. 0281 - E281



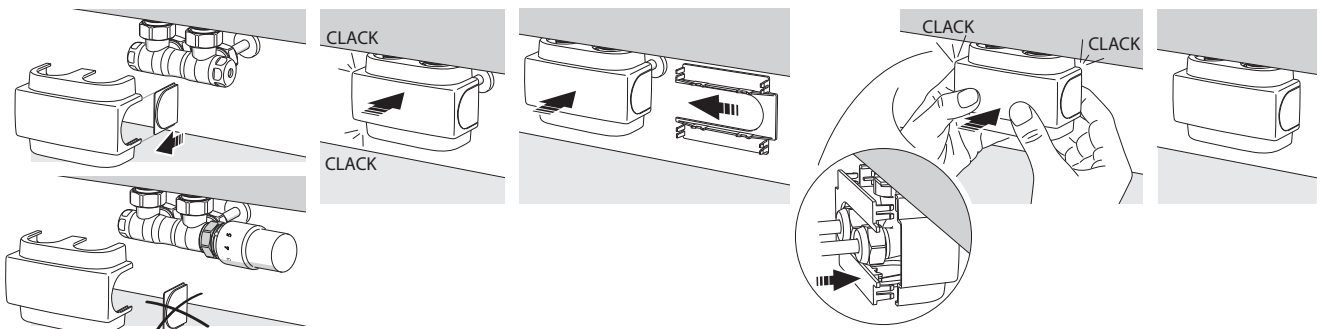
Art. 0282 - 0283 - E283



Art. N095 - Installazione *Installation*



Art. 0713 - Installazione *Installation*



Avvertenze e consigli *Warnings and suggestions*

- Vibrazione sull'impianto - Rumori - Colpi ripetuti

POSSIBILE CAUSA: la circolazione del fluido attraversa la valvola nella direzione opposta al senso corretto.

SOLUZIONE: invertire il flusso ripristinando il senso corretto.

POSSIBILE CAUSA: valvole chiuse (raggiunta temperatura impostata sulla testa termostatica), pompa attiva e mancanza di valvola di by-pass differenziale.

SOLUZIONE: installare la valvola di by-pass differenziale.

- Suono - Sibilo in fase di modulazione

POSSIBILE CAUSA: la valvola è sottoposta ad una eccessiva prevalenza.

SOLUZIONE: controllare e ridurre la pressione dell'impianto o installare valvola di bilanciamento.

- Stoccaggio

Conservare le valvole a una temperatura compresa tra -20°C e +50°C.

- Presence of vibrations in the system - Noises - repeated hits

POSSIBLE CAUSE: the fluid flows through the valve in the opposite way with respect to the correct direction.

SOLUTION: resetting the correct flow direction

POSSIBLE CAUSE: radiator valves are closed (because the temperature set on the thermostatic head is reached), the pump is on and there's no differential by-pass valve.

SOLUTION: installing a differential by-pass valve.

- Presence of sound - whistle during the modulation phase

POSSIBLE CAUSE: too much pressure on the valve with respect to the rest of the system.

SOLUTION: checking and reducing the system pressure or installing a balancing valve.

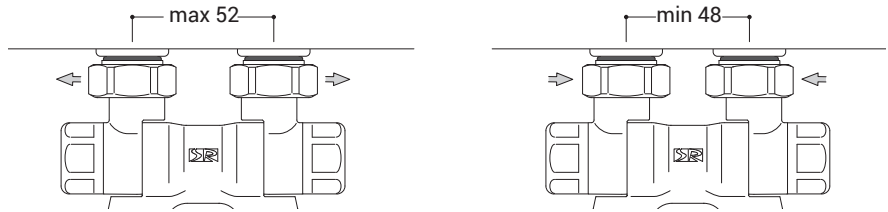
- Storage

Store the valves at a temperature between -20°C and +50°C

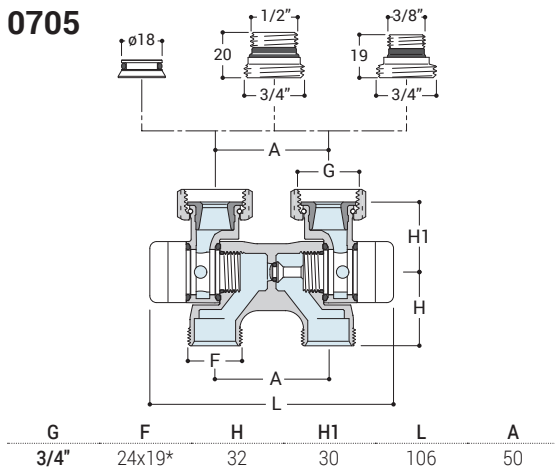
Disegni Drawings

Capacità di adattamento all'interasse
50mm.

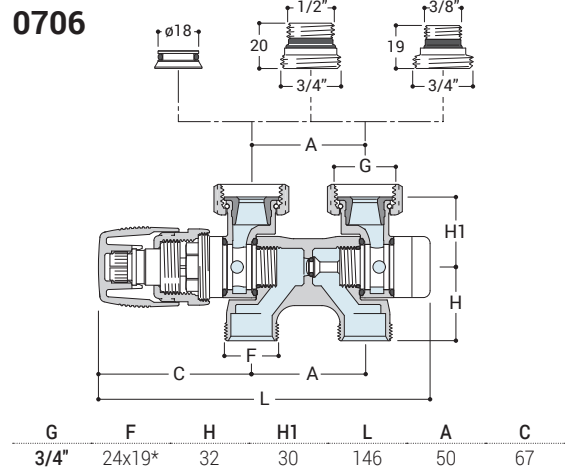
Max. and min. tolerance with respect to the
radiator center distance.



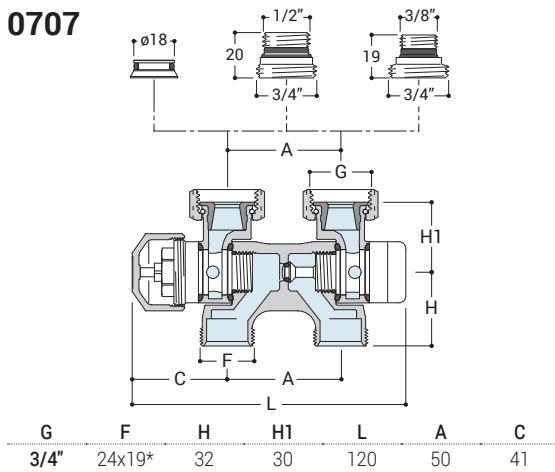
0705



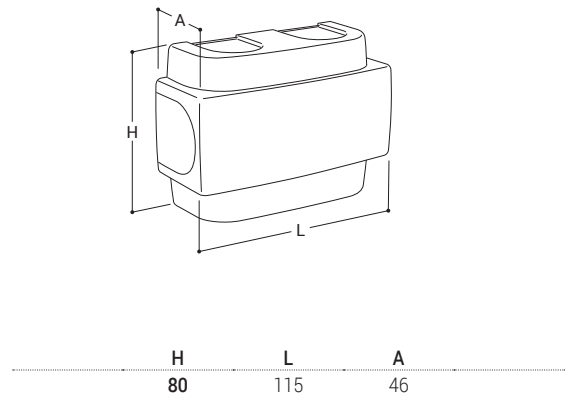
0706



0707



0713



* = 3/4" E

