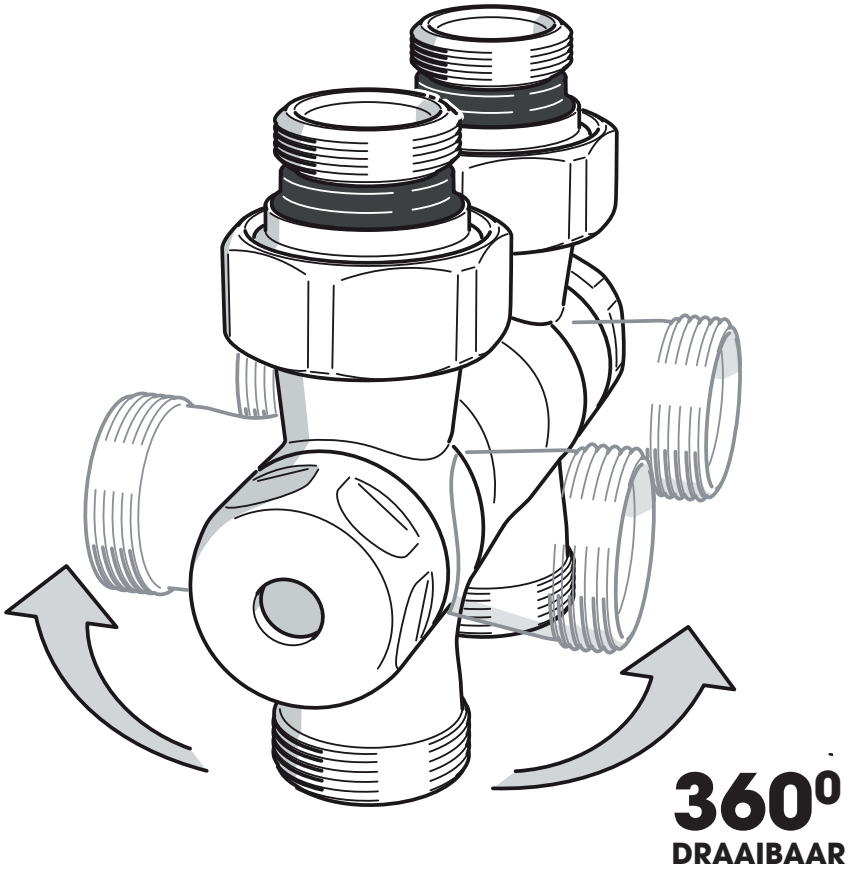
FREESTYLE 360⁰ DRAAIBAAR

ONDERBLOK SET



HANDLEIDING

DRL PRODUCTS

WWW.DRL-PRODUCTS.NL

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

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*

MATERIALI E CARATTERISTICHE TECNICHE

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

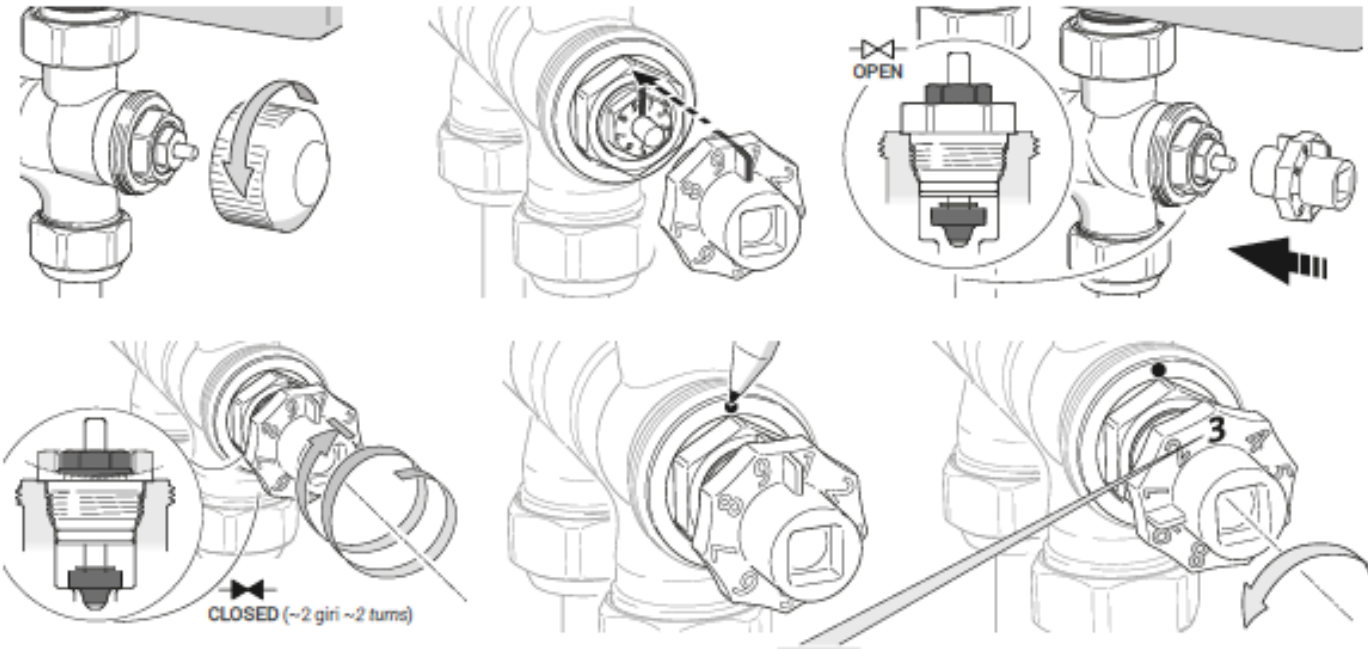
MATERIALS AND TECHNICAL FEATURES

Body	*Pressed brass: CW617N UNI EN 12165*
Nut	
Inside components	*Extruded brass: CW614N UNI EN 12164*
Lockshield cap	
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*

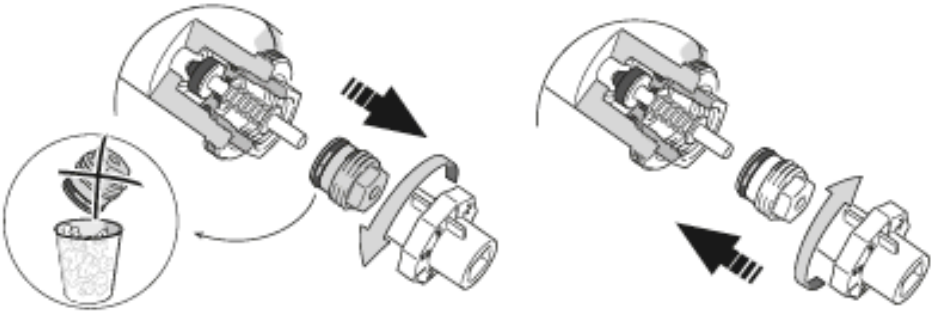


Posizione *Position*	1	2	3	4	5	6	7	8	MAX
qmN con banda prop 2K *qmN with proportional band 2k* [l/h]	0	31,8	105,3	170,8	187	187	187	187	187
(Δp [bar] = 0,1) qmN Max [l/h]	0	39,7	114,8	186,4	249,3	289,1	293,8	308	482

Manutenzione *Maintenance*

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

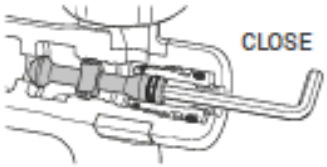
Possibility to replace seals without draining the system (in case of leakage of the valve stem).



Bekijk de film:

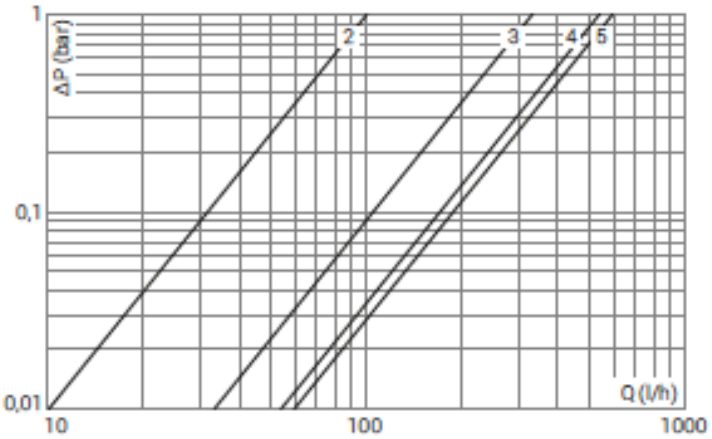
VERSIONE BITUBO *VERSION FOR TWO-PIPE SYSTEMS*

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



Valvole termostatiche con preregolazione, banda proporzionale 2K

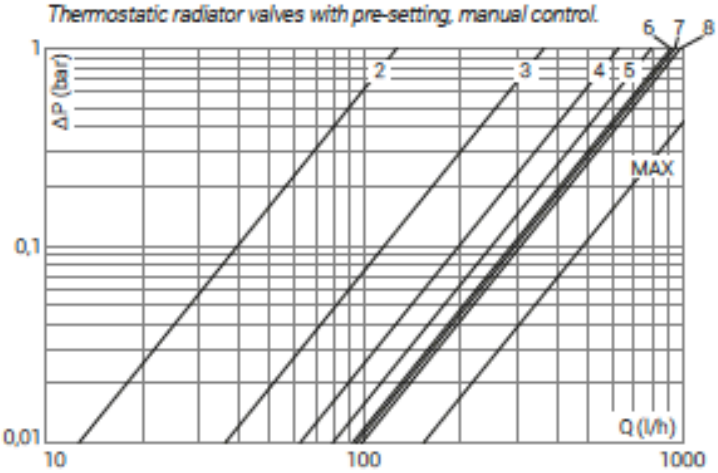
Thermostatic radiator valves with pre-setting, proportional band 2k.



POS	2	3	4	5	6	7	8	MAX
Kv (l/h)	31,8	105,3	170,8	187	187	187	187	187

Valvole termostatiche con preregolazione, comando manuale

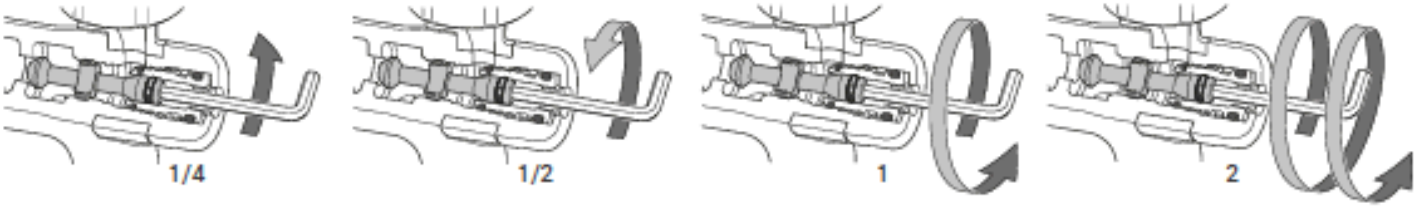
Thermostatic radiator valves with pre-setting, manual control.



POS	2	3	4	5	6	7	8	MAX
Kv (l/h)	39,7	114,8	186,4	249,3	289,1	293,8	308	482

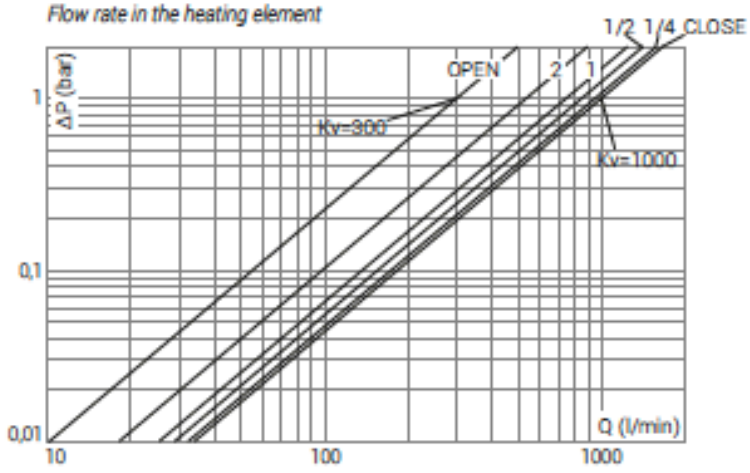
REGOLAZIONE PER MONOTUBO *REGULATION FOR ONE-PIPE SYSTEMS*

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



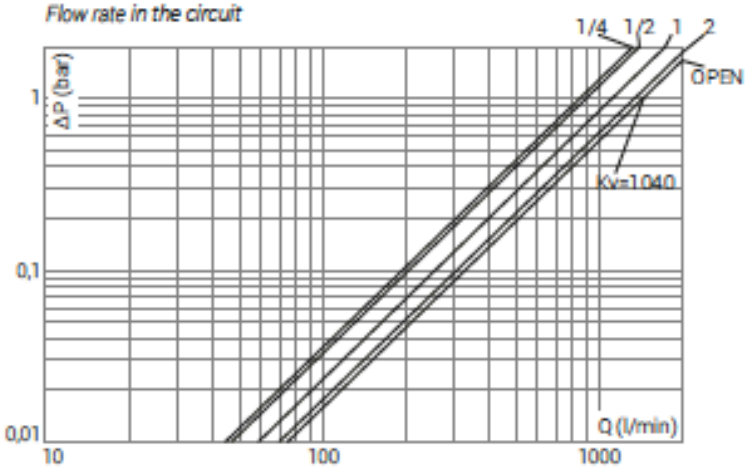
Portata nel corpo scaldante

Flow rate in the heating element

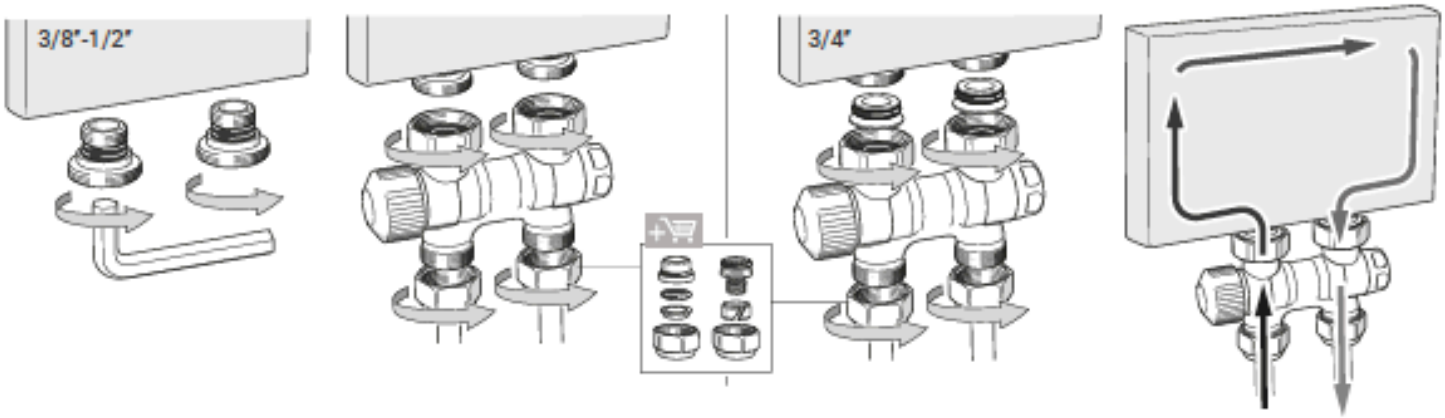


Portata nel circuito

Flow rate in the circuit

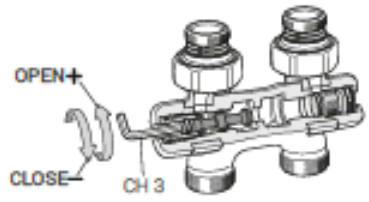


Istruzioni *Instructions*

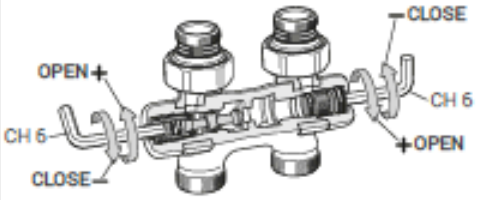


Istruzioni *Instructions*

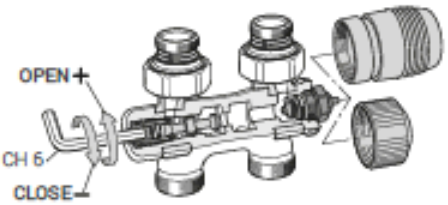
By-pass
Art. 0705-0706-0707



Regolazione detentore *Lockshield regulation*
Art. 0705

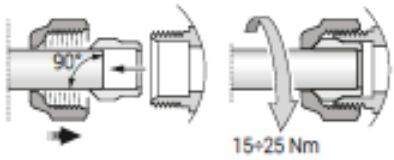


Art. 0706-0707

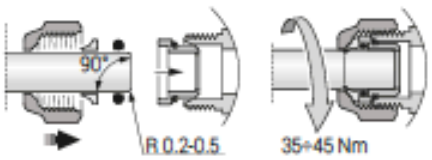


Installazione raccordi *Connection installation*

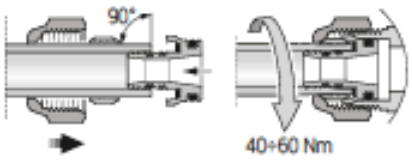
Art. 0280



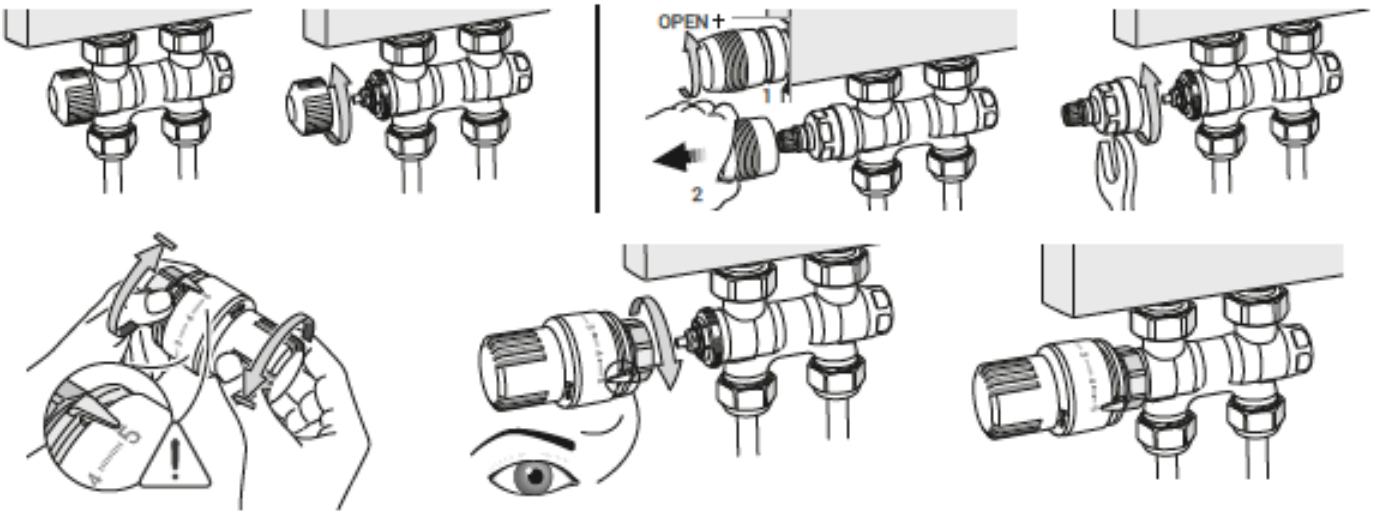
Art. 0281 - E281



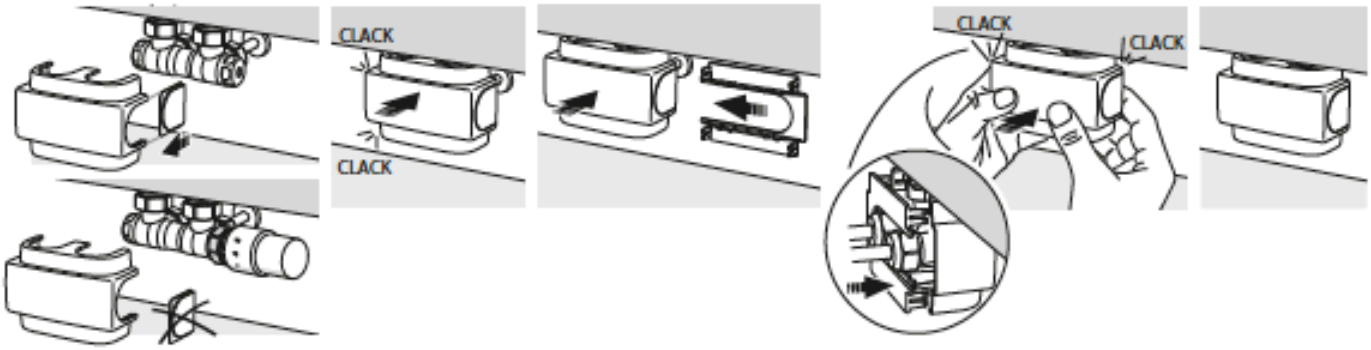
Art. 0282 - 0283 - E283



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 pression or installing a balancing valve.
- Storage
Store the valves at a temperature between -20°C and +50°C