



DESCRIPTION

770R

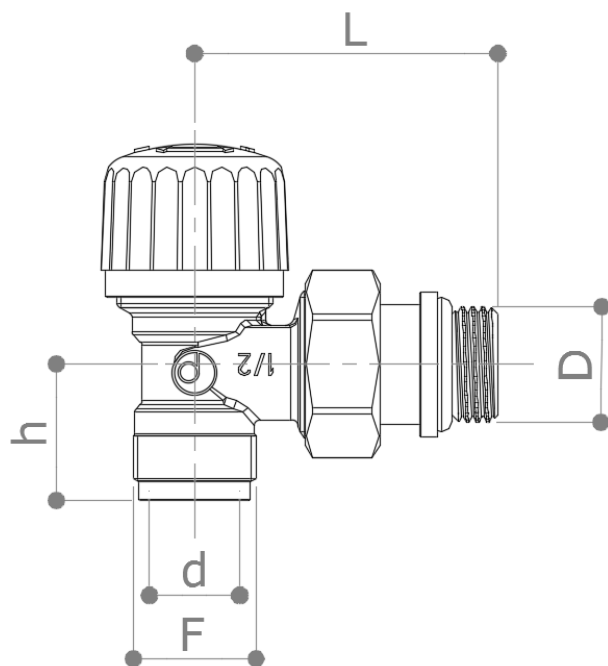
Angle radiator valve, with thermostatic option or thermo-electric control. Compression end. Radiator connection: union end with O-Ring.

Connection to actuator: **M28 x 1.5 mm**

Nickel plated.

Without fittings.

DIMENSIONS



D x d	3/8" x 16 mm	1/2" x 16 mm	1/2" x 18 mm
F	φ22-19 thr. x 1"	φ22-19 thr. x 1"	φ23-19 thr. x 1"
h	20	24.5	24.5
L	50	53.2	53.2
Weight [g]	180	210	210

Dimensions in **mm**

All threads are conform to ISO 7 or ISO 228 standards

MATERIALS

Body	CW617N (EN 12165) CuZn40Pb2
Union	CW617N (EN 12165) CuZn40Pb2
Nut	CW617N (EN 12165) CuZn40Pb2
Stem	AISI303
Headwork	CW614N (EN 12164) CuZn39Pb3
Stuffing box	CW614N (EN 12164) CuZn39Pb3
O-Rings	EPDM-X – EPDM
Handwheel	ABS

PRESSURE DROP DIAGRAM

Angle

$$\Delta P = \left[\frac{Q}{Kv} \right]^2$$

$$Q = Kv * \sqrt{\Delta P}$$

$$q_{mNH} = 170 \text{ kg/h}$$

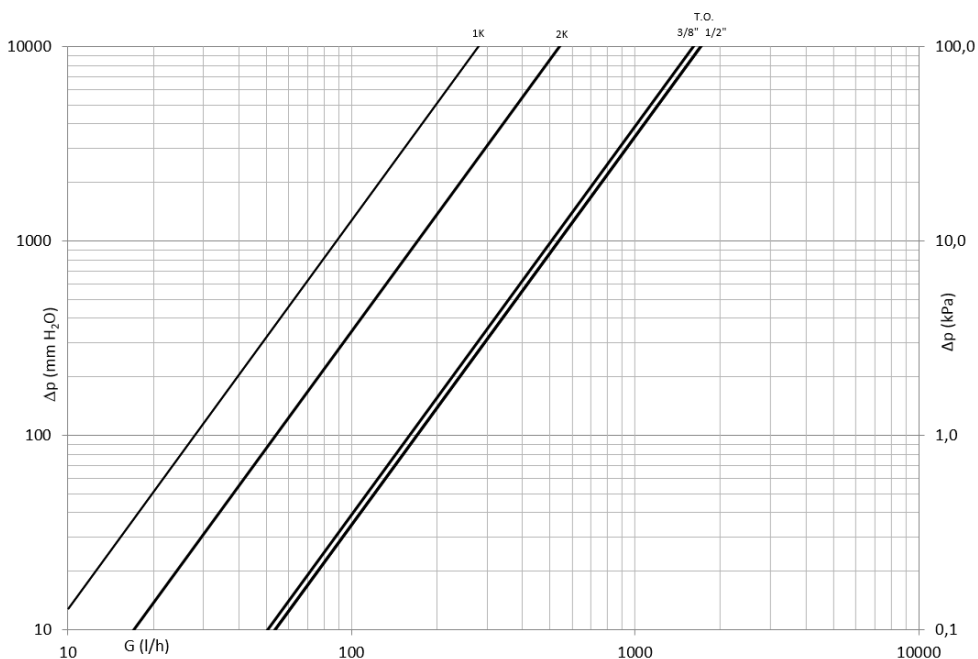
Where

Q is the flow rate [m³/h]

Kv is the flow rate factor [m³/h]

ΔP is the pressure drop across the valve [bar]

ΔT [°C]	Kv	
	3/8"	1/2"
1K	0.28	0.28
2K	0.54	0.54
T.O.	1.60	1.70



T.O.: Total Open

RECOMMENDED WORKING TEMPERATURE/PRESSURE LIMITS

10 bar – 110°C – non shock

AVAILABLE THERMOSTATIC HEAD

106CN



107L



108L



EN215 n°49

109L



EN215 n°49

Additional options are available.

AVAILABLE ADAPTERS

3015 – 3015CR



Polyethylene pipes

3015SCR



Multilayer pipes

3525



Copper pipes

3625



Copper pipes