

## DATA SHEET

### LUX thermostatic valves



### APPLICATION

Lux thermostatic valves are designed for installation in central heating systems. Together with a thermostatic head they regulate amount of heating factor flowing into a radiator. A thermostatic valve increases temperature in rooms by increasing amount of hot water flowing into the radiator. When the amount of hot water is decreased, the temperature also decreases.

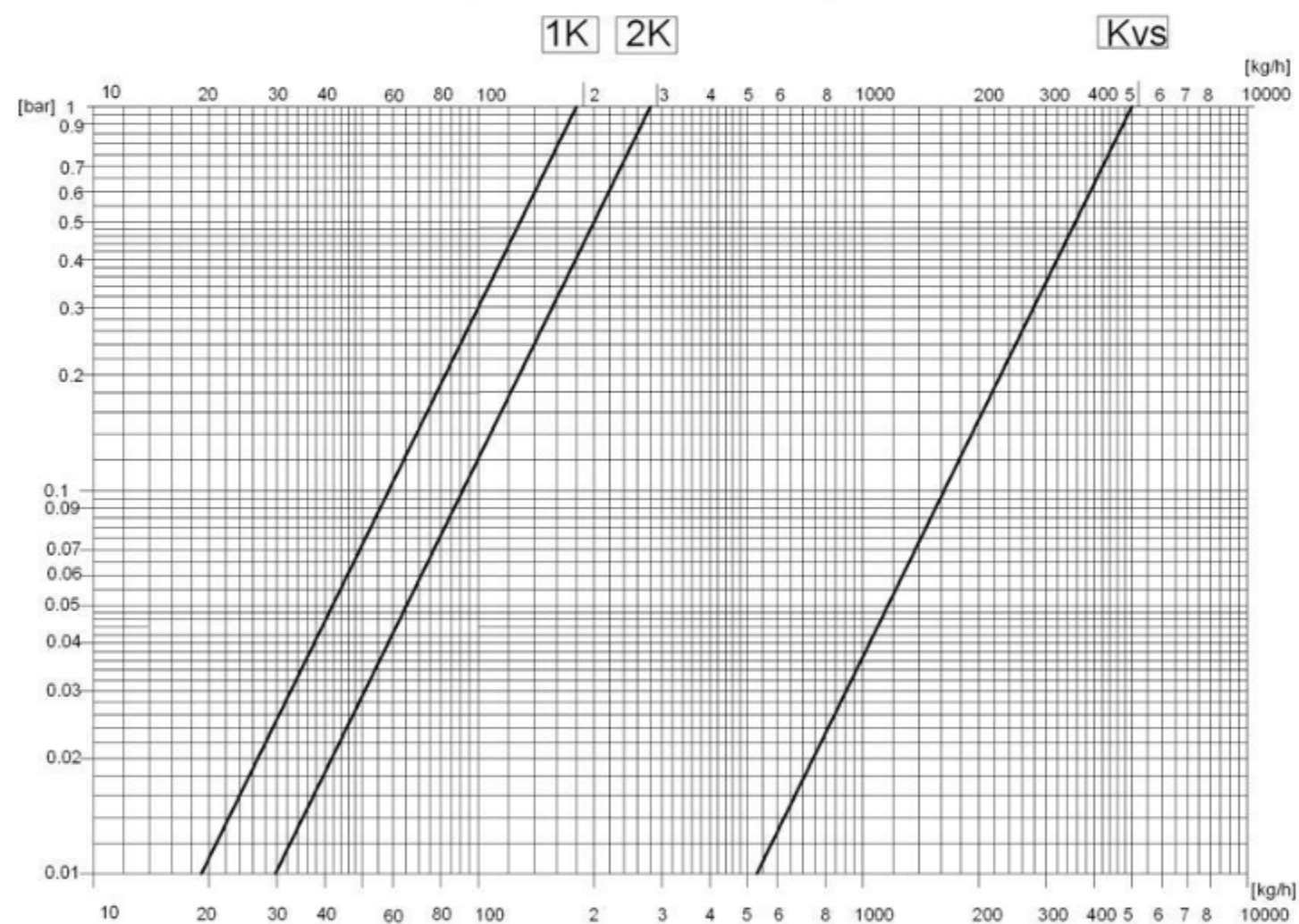
Recommended thermostatic head: Prestige GS.02.

### TECHNICAL DATA

|                     |                        |
|---------------------|------------------------|
| Working temperature | up to 120 ° C          |
| Working pressure    | 1MPa                   |
| Heating factor      | water                  |
| Pressure difference | 0.06MPa                |
| Test pressure       | 1.5 MPa                |
| Assembly thread     | M30x1,5                |
| Initial setting     | on a lock shield valve |
| Radiator connection | R ½                    |



*Diagram przepływu dla termostatycznych  
zaworów serii "lux"*

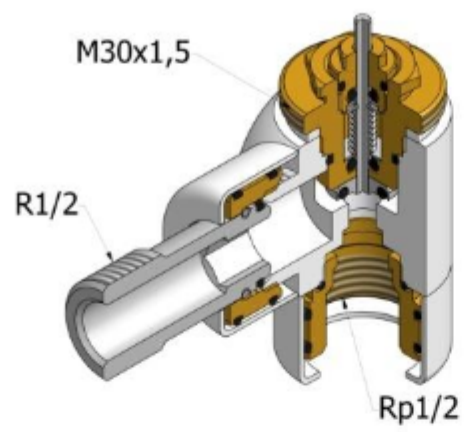


|                      |      |      |      |
|----------------------|------|------|------|
| Valve opening degree | 1K   | 2K   | KVS  |
| Kv                   | 0.18 | 0.27 | 0.50 |

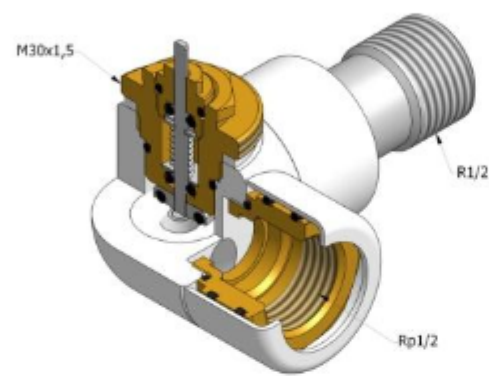
## CONSTRUCTION

### PICTURE

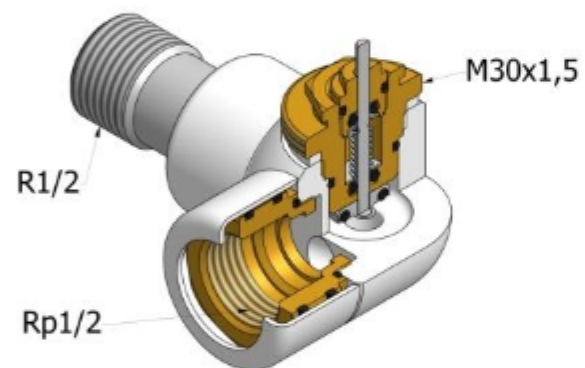
### DESCRIPTION



LUX thermostatic valve  
 DN 15 angular  
 R1/2 x Rp1/2  
 with M30x1,5 assembly thread



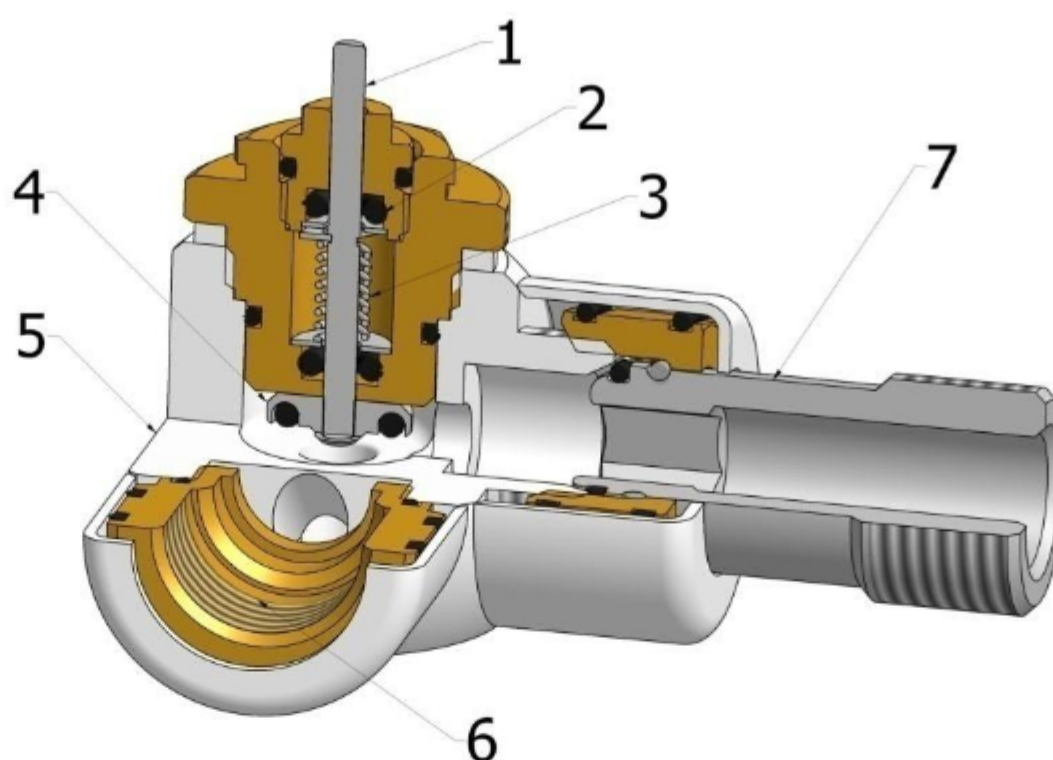
LUX thermostatic valve  
 DN 15 axial-left  
 R1/2 x Rp1/2  
 with M30x1,5 assembly thread



LUX thermostatic valve  
 DN 15 axial-right  
 R1/2 x Rp1/2  
 with M30x1,5 assembly thread

## Construction of LUX thermostatic valve

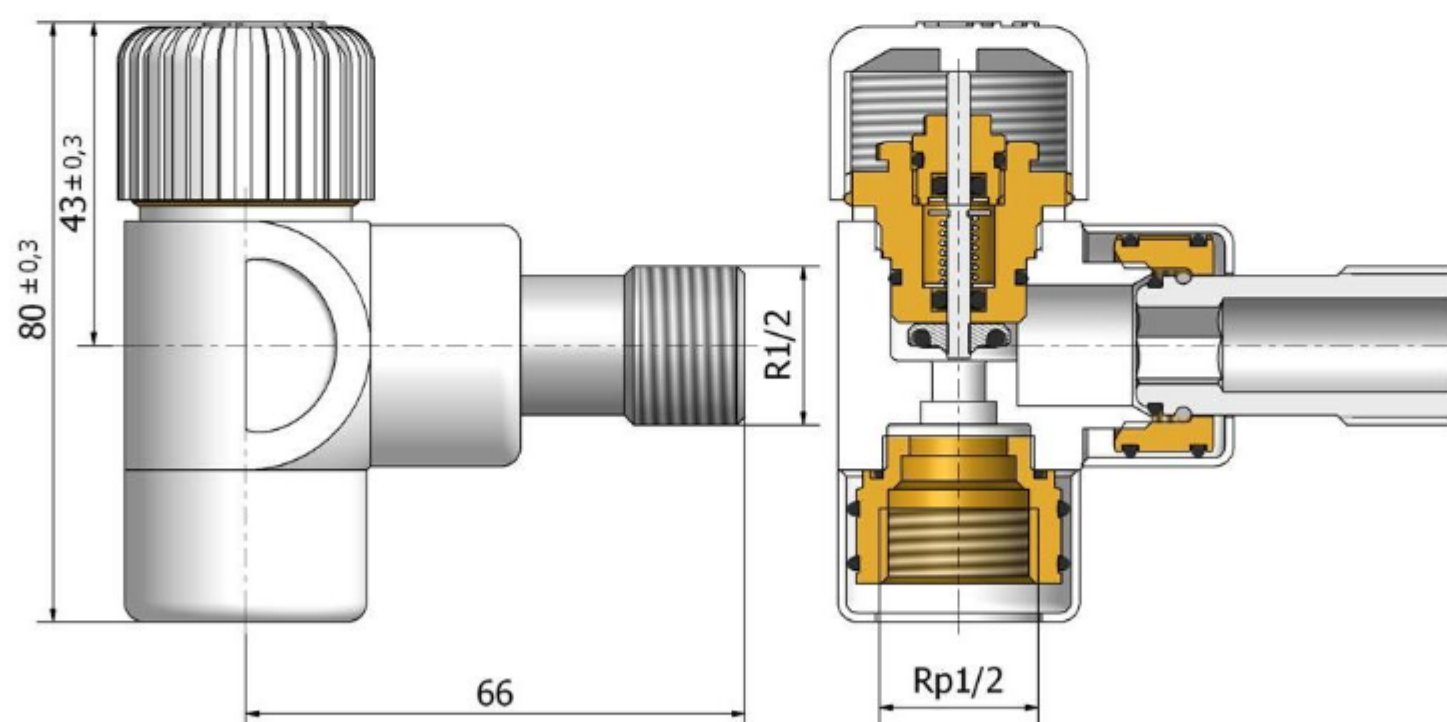
1. Valve stem
2. Valve choke
3. Valve spring
4. Valve head
5. Valve body LUX
6. Nut Rp1/2 (\*)
7. Connector R1/2



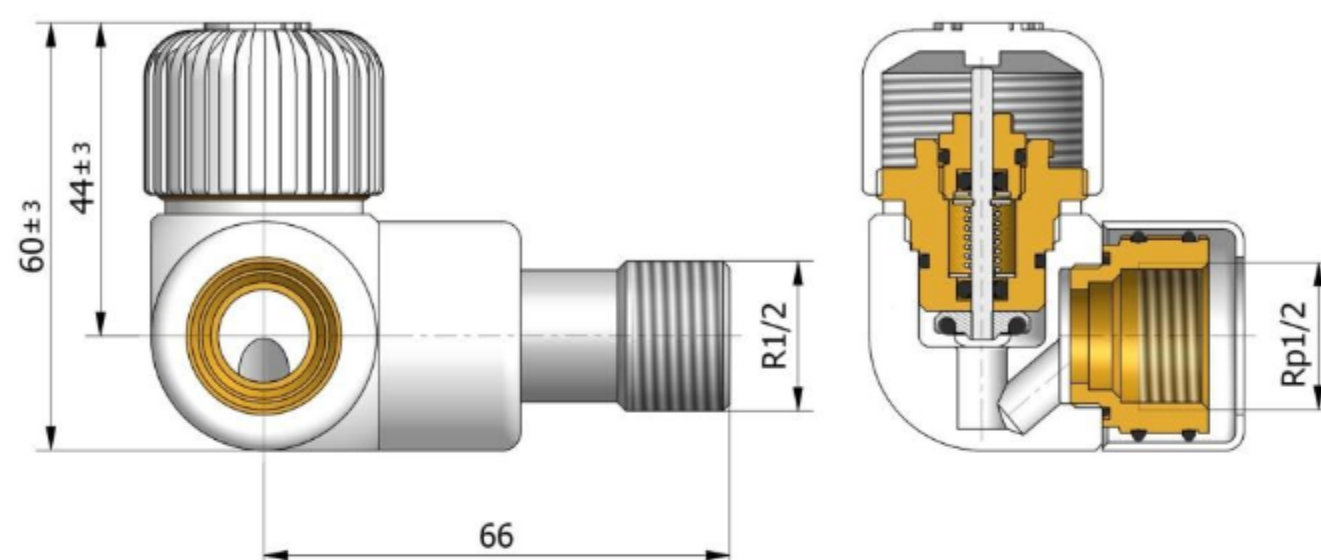
(\*) - can be ordered with a nipple valve for copper Pex 15x1 or 16x2.

## DIMENSIONS

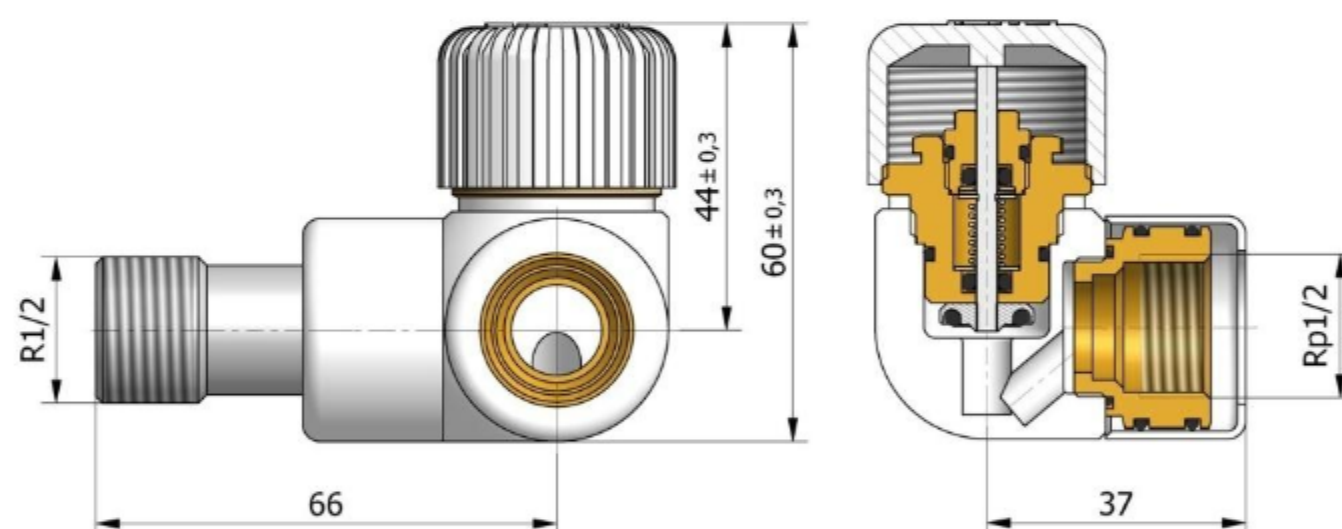
### LUX thermostatic valve, angular TK15



## LUX thermostatic valve, axial-left TK15L



## LUX thermostatic valve, axial-right TK15P

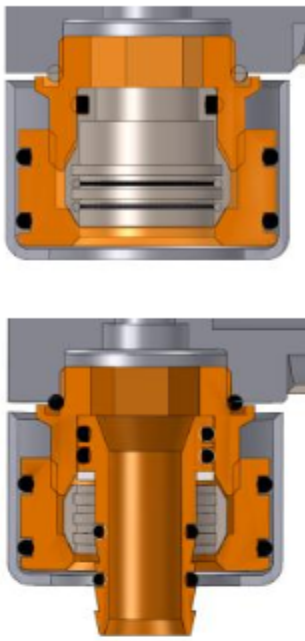


## PERFORMANCE

All versions color available on [www.varioterm.pl](http://www.varioterm.pl)

# connection accessories

(useful for connecting the valve and aesthetically attractive installation)

|                                                                                     |                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|
|    | Fitting Pex 16x2 or 15x1 Cu                         |
|   | Rosettes masking 1/2 "or 3/4"                       |
|  | Extension GZ 1/2 "to GZ 1/2 "<br>(various lengths)  |
|  | Extension GZ 1/2 " to GW 1/2 "<br>(various lengths) |
|  | Sleeve tube masking Pex / Cu<br>(various lengths)   |