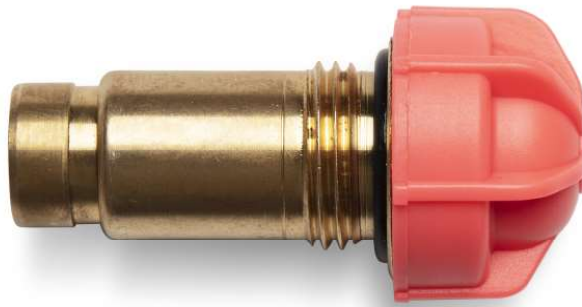


FLA

Insert for integrated radiators



- High precision presetting
- Kv from 0.02
- Evosense compatible
- Temperature: 5°C to +90°C
- Pressure class: PN 10

Description *FLA*

Applications

The FLA insert is used for presetting and regulating radiators with integrated manifold.

Description

The FLA insert provides the option to set the Kv value with high precision.

The preset scale can be found on the tool.

The FLA insert has protected setting, and should be preset using the associated tool.

The insert can be used in both 1 and 2 pipe systems.

Flamingo with internal O-ring

Purmo Plint
Purmo Plint P
Purmo Plint PD
Purmo Plint R
Purmo Plint RD
Purmo CV
Purmo CVM
Purmo FCVM



Description *FLA*

Technical data

Pressure class

PN 10

Max temperature

90°C

Min temperature

5°C

Kv value (preset value) with thermostat/without thermostat

0.016-0.52/0.016-0.81

Accuracy

According to EN215: $\pm 10\%$ (Position N open 10 kPa)

Position	1	2	3	4	5	6	7	8	9	10	N
kv at 2K	0,016	0,022	0,047	0,09	0,11	0,17	0,22	0,28	0,29	0,36	0,52
kvs	0,016	0,022	0,047	0,09	0,11	0,17	0,22	0,28	0,34	0,49	0,81
Flow l/h at 2K , 10 kPa*	5	7	15	27	35	55	70	88	93	113	165
Flow l/h at 2K , 5 kPa*	4	5	11	19	25	39	49	62	66	80	117
Tolerance l/h, at 2K, 10 kPa	± 2	± 2	± 3	± 3	± 3	± 3	± 3	± 4	± 5	± 5	± 16

*Static pressure 0.1 MPa (1 bar), water 50°C, the insert must be in contact with water for at least 24h before measurement.

Materials

Brass

EPDM

Noryl

POM

Connection

M28x1.5

M30x1,5

Description *FLA*

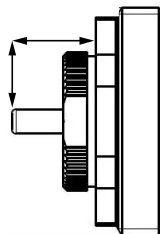
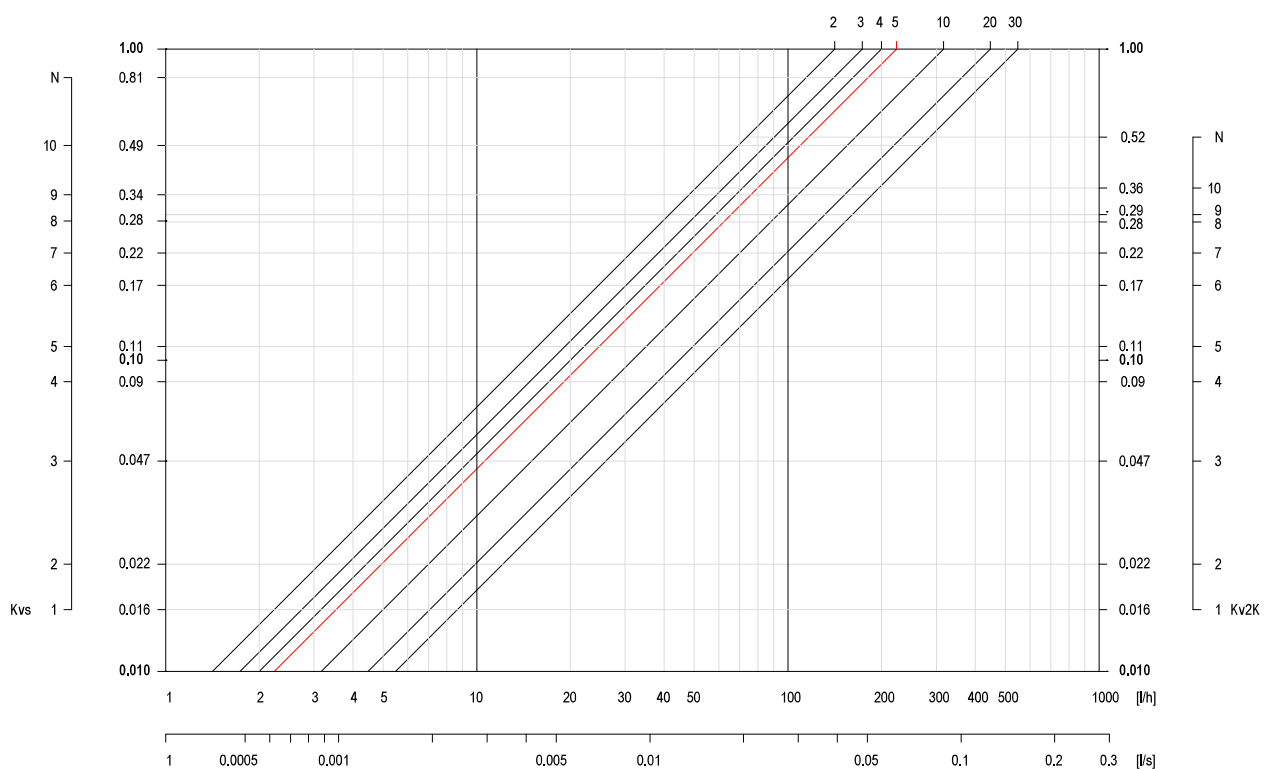
Pressure drop diagram

Diagram för FLA

Pre-setting/ Inställning

[kPa]

Pre-setting/ Inställning



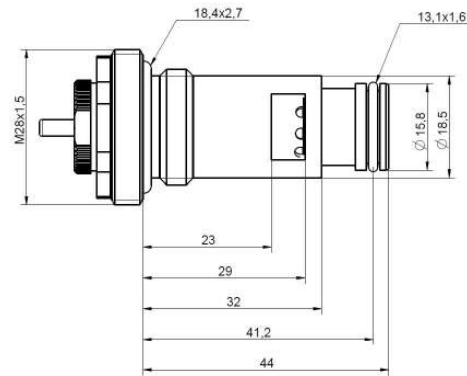
For M28x1.5: Closing position 10.0 and stroke approx. 2mm.

For M30x1.5: Closing position 11.8 and stroke approx. 2mm, of which full capacity already at 0.5mm stroke.

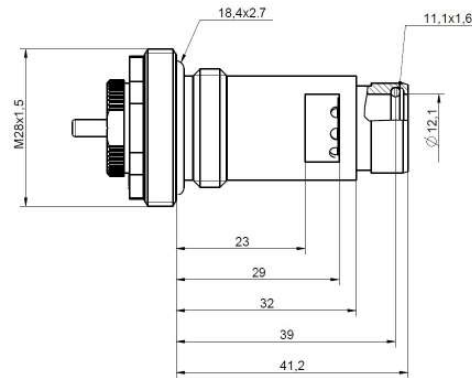
Product information *FLA*

Measurement details

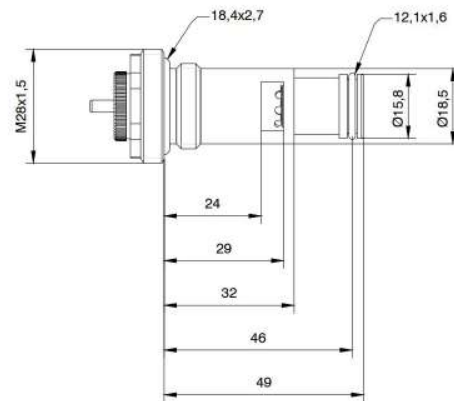
3112801
FLA-HLE-M28



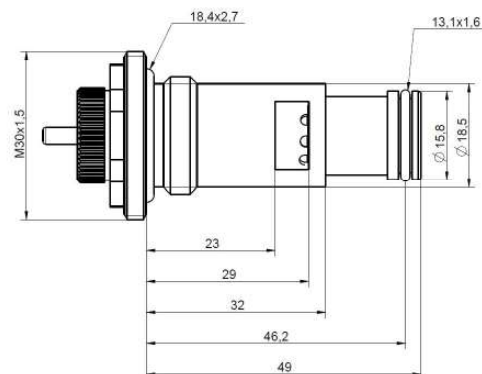
3112802
FLA-HLI-M28



3112803
FLA-HLE-M28E



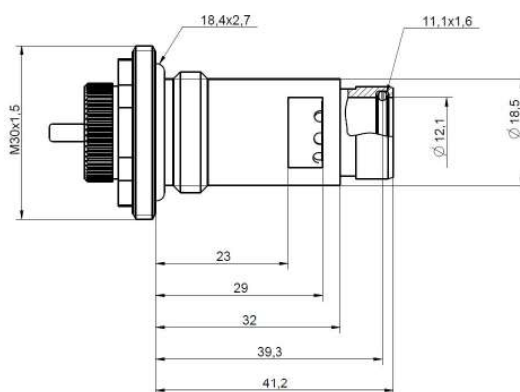
3112901
FLA-HLE-M30



Product information *FLA*

Measurement details

3112902
FLA-HLI-M30



AMA texts

Descriptive texts drawn up in accordance with AMA 2012

FLA PSE.111 **Temperature controlled valve inserts** Valve insert with presettable pin by pack box.

Make: Purmo Group Sweden AB
Type: FLA

Ordering designations

Article number	Name	Description
FDJU10M2800HLESE0	FLA-HLE	M28x1.5
FDJU10M2800HLISE0	FLA-HLI	M28x1.5
FDJU10M28E0HLESE0	FLA-HLE	M28x1,5 E
FDJU10M3000HLESE0	FLA-HLE	M30x1.5
FDJU10M3000HLISE0	FLA-HLI	M30x1.5
FDJU10000TOX00SE0	FLA	Presetting tool