



The Oventrop Quality Management System is certified to DIN-EN-ISO 9001

## Manual radiator valves "Series HA"

### Tender specification:

Oventrop manual radiator valve "Series HA", connection thread M 30 x 1.5, convertible to presetting, subsequent conversion to thermostatic operation.

Max. working temperature: 120 °C (for short periods up to 130 °C)

Max. working pressure: 10 bar

Low pressure steam: 0.5 bar, 110 °C.

Body nickel plated. Measures according to DIN 3841. Stem with O-ring seal.

Connection for threaded and copper pipes as well as the Oventrop composition pipe "Copipe".

Complete valve insert replaceable under working conditions by use of the special tool "Demo-Bloc".

### Function:

Oventrop manual radiator valves "Series HA" permit a precise manual control of the room temperature. The radiator heat output is proportional to the setting of the handwheel.

The valve body is identical to the Oventrop thermostatic radiator valves ("Series A"). This permits a conversion to thermostatic operation and to presettable valve inserts. This conversion can be carried out without draining the system by use of the special tool "Demo-Bloc".

### Advantages:

Oventrop manual radiator valves "Series HA" offer a good manual control as well as the possibility of a subsequent, simple and economical conversion to thermostatic operation and to presettable valve inserts (corresponding to "Series AV6").

An exact hydronic balancing of the system is then guaranteed.

### Application:

One and two pipe heating systems PN 10, max. flow temperature 120 °C (for short periods up to 130 °C), irrespective of the type of heat source as well as for steam 0.5 bar, 110 °C.

Standard connection for threaded pipes but also suitable for connection of copper according to DIN EN 1057 when using Oventrop compression rings and collar nuts. The Oventrop composition pipe "Copipe" is connected by use of the compression fittings "Cofit S" or the press fittings "Cofit P".

### Materials:

Body nickel plated. Measures according to DIN 3841, inner parts and coupling made of brass. Stem with O-ring seal. Handwheel made of heatproof and impact resistant plastic compound.

### Conversion to thermostatic operation:

- Remove handwheel (A),
- for control, a thermostat with connection thread M 30 x 1.5 (e.g. illustr. D "Uni LH") has to be chosen.

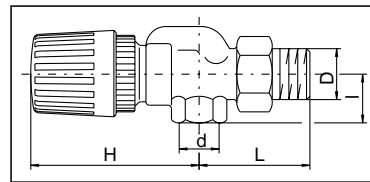
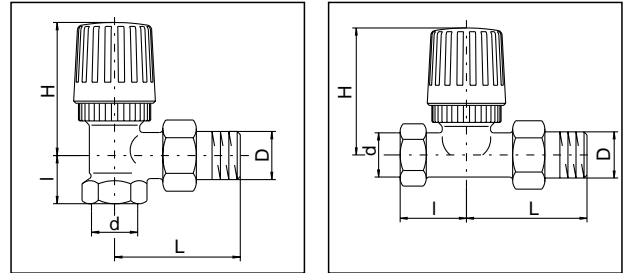
### Conversion to presettable valve inserts:

- Unscrew insert (B) from valve body (C),
- replace it by the new valve insert (E) (metal to metal seal with additional O-ring)

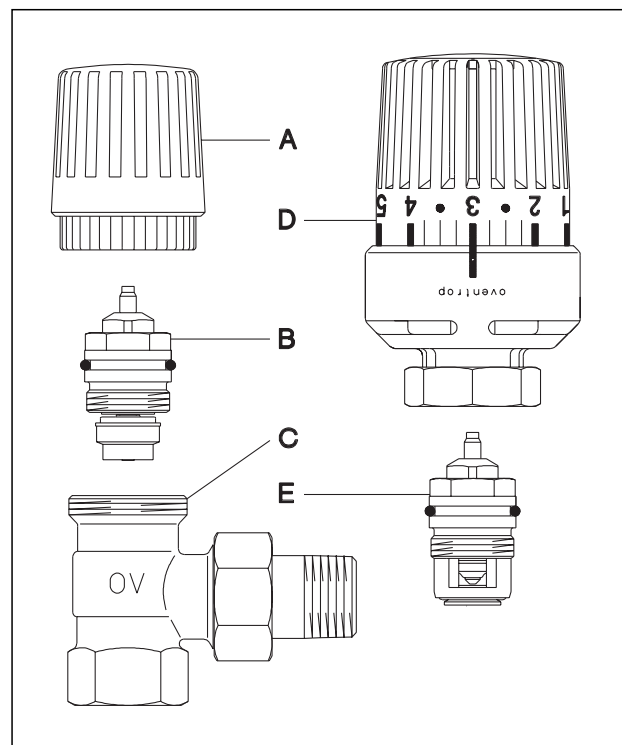
Valve insert with 6 different presettings Item no. 118 70 57  
Presetting key "AV6": Item no. 118 39 61

### Technical information

### Dimensions:

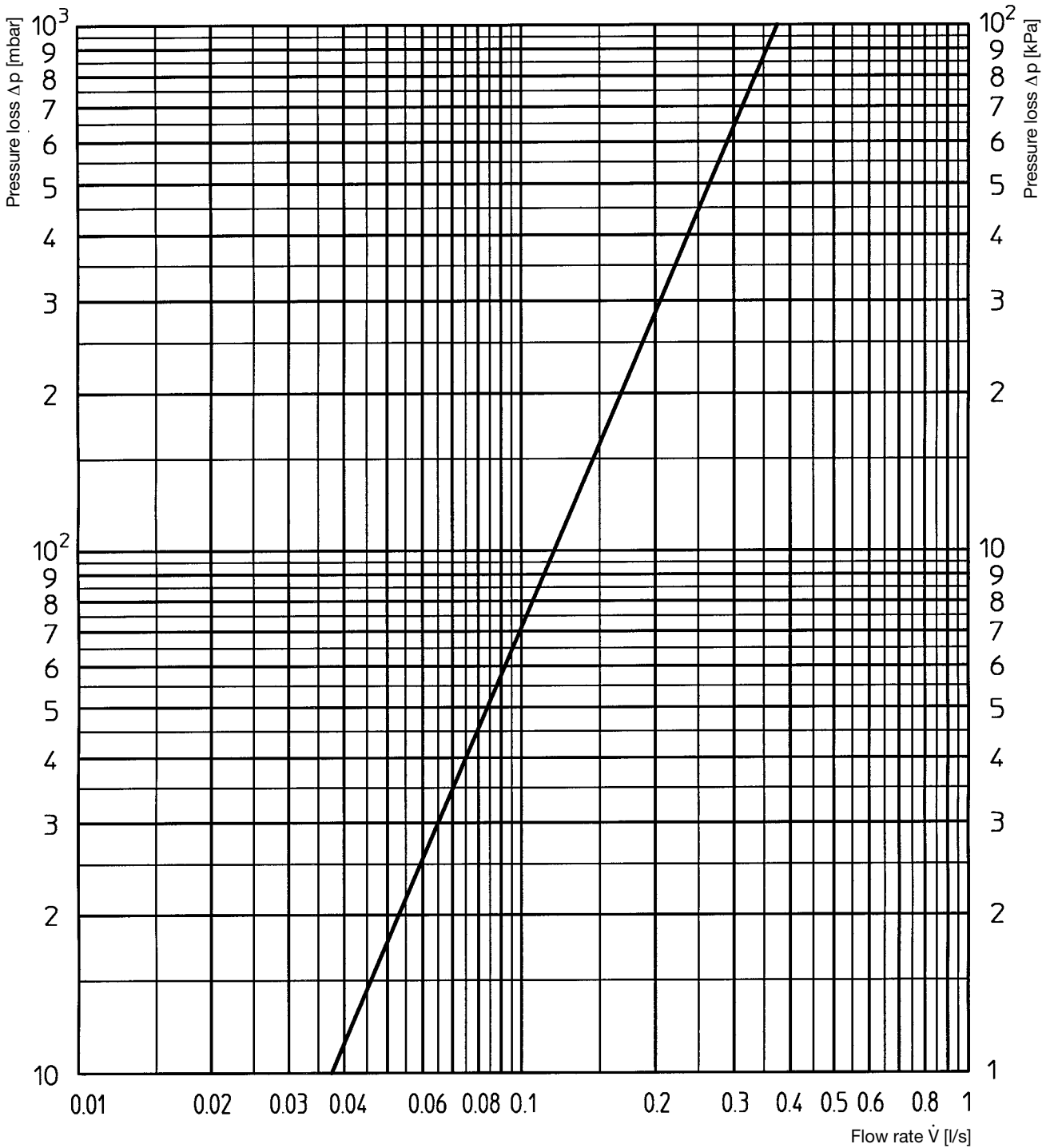


DN	10			15			20			25		
D EN 10226	3/8"			1/2"			3/4"			1"		
d EN 10226	3/8"			1/2"			3/4"			1"		
L	52	52	52	58	59	57	66	63	64	75	80	-
I	22	33	22	28	37	27	29	43	47	34	45	-
H	73	78	89	73	78	87	71	76	84	75	78	-
Item no.	119 00 03	119 01 03	119 02 03	119 00 04	119 01 04	119 02 04	119 00 06	119 01 06	119 02 06	119 00 08	119 01 08	-



Oventrop manual radiator valves "Serie HA"

Flow values (all models and sizes):



Subject to technical modification without notice.

Product range 1  
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