

Tender specification:

Oventrop manual radiator valves “Series HR”.

Plastic pipes and the composition pipe “Copipe” can be connected by use of nipples and compression fittings for male threads.

Manual radiator valves DN 15 are also suitable for the direct connection of the composition pipe “Copipe”.

Technical data:

Operating temperature t_s : 2 °C up to 120 °C
(for short periods up to 130 °C)

Max. operating pressure p_s : 10 bar (PN 10)

Low pressure steam 0.5 bar, 110 °C

Body made of nickel plated brass. Installation dimensions according to DIN 3842. Stem with double O-ring seal.

Connection for threaded and copper pipes or Oventrop composition pipe “Copipe”.

Function:

Oventrop manual radiator valves “Series HR” permit a precise manual control of the room temperature. The radiator heat output is proportional to the setting of the handwheel. A special profile valve disc permits a precise regulation of the flow.

Advantages:

- Oventrop manual radiator valves “Series HR” permit a good manual control of the room temperature
- easy to use
- double stem seal
- economical model
- two different types of handwheel available

Application:

One and two pipe central heating systems, max. operating pressure 10 bar, operating temperature 2 °C up to 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.

The operating fluid should be in accordance with the latest technical status (e.g. VDI 2035 – Avoidance of damage to hot water heating installations).

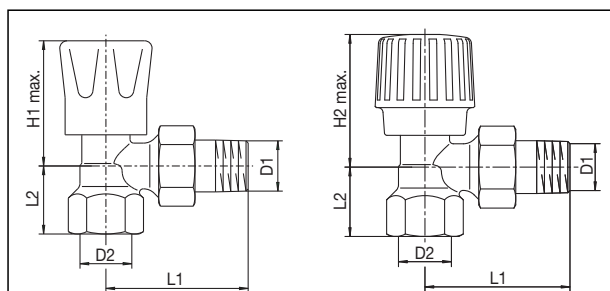
Standard connection for screwed pipes but Oventrop offers the suitable connection elements for the connection of copper, stainless steel, precision steel and plastic pipes. When using compression fittings, the Oventrop “Ofix” compression fittings have to be used. The Oventrop composition pipe “Copipe” is connected by use of the compression fittings “Cofit S” or the press fittings “Cofit P”.

Model:

Body made of nickel plated brass. Installation dimensions according to DIN 3842. Inner parts and coupling made of brass. Stem with double O-ring seal made of EPDM. Handwheel made of heat-proof and impact resistant plastic. Two different types of handwheel are available.

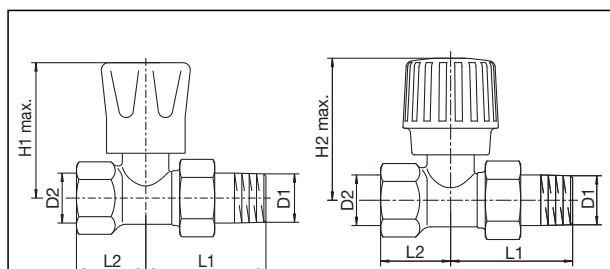


“Series HR”



DN	D ₁ EN 10226-1	D ₂ EN 10226-1	L ₁	L ₂	H ₁ max.	H ₂ max.	Item no.
10	R 3/8	Rp 3/8	51.5	22.5	49	–	1190503
15	R 1/2	Rp 1/2	57.5	27.5	50.5	–	1190504
20	R 3/4	Rp 3/4	65.5	29	53	–	1190506
10	R 3/8	Rp 3/8	51.5	22.5	–	53	1190553
15	R 1/2	Rp 1/2	57.5	27.5	–	54.5	1190554
20	R 3/4	Rp 3/4	65.5	29	–	57	1190556

Dimensions of angle pattern valve



DN	D ₁ EN 10226-1	D ₂ EN 10226-1	L ₁	L ₂	H ₁ max.	H ₂ max.	Item no.
10	R 3/8	Rp 3/8	51	23.5	56.5	–	1190603
15	R 1/2	Rp 1/2	50.5	29	56.5	–	1190604
20	R 3/4	Rp 3/4	61.5	29	53	–	1190606
10	R 3/8	Rp 3/8	51	23.5	–	60.5	1190653
15	R 1/2	Rp 1/2	50.5	29	–	60.5	1190654
20	R 3/4	Rp 3/4	61.5	29	–	61.5	1190656

Dimensions of straight pattern valve

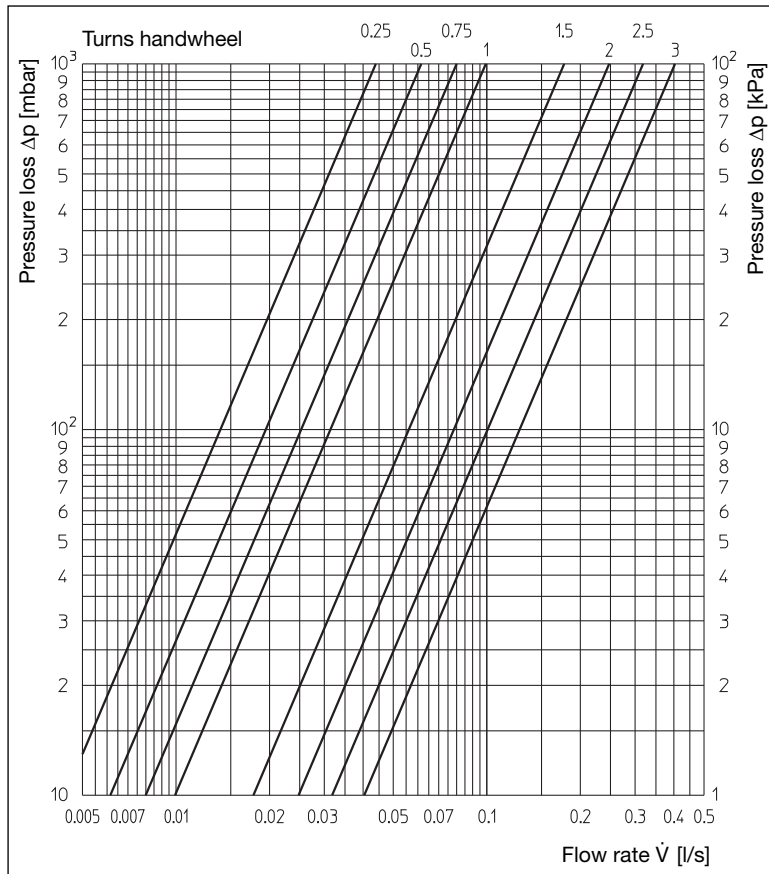


Chart: DN 10 – DN 20 Angle pattern valve

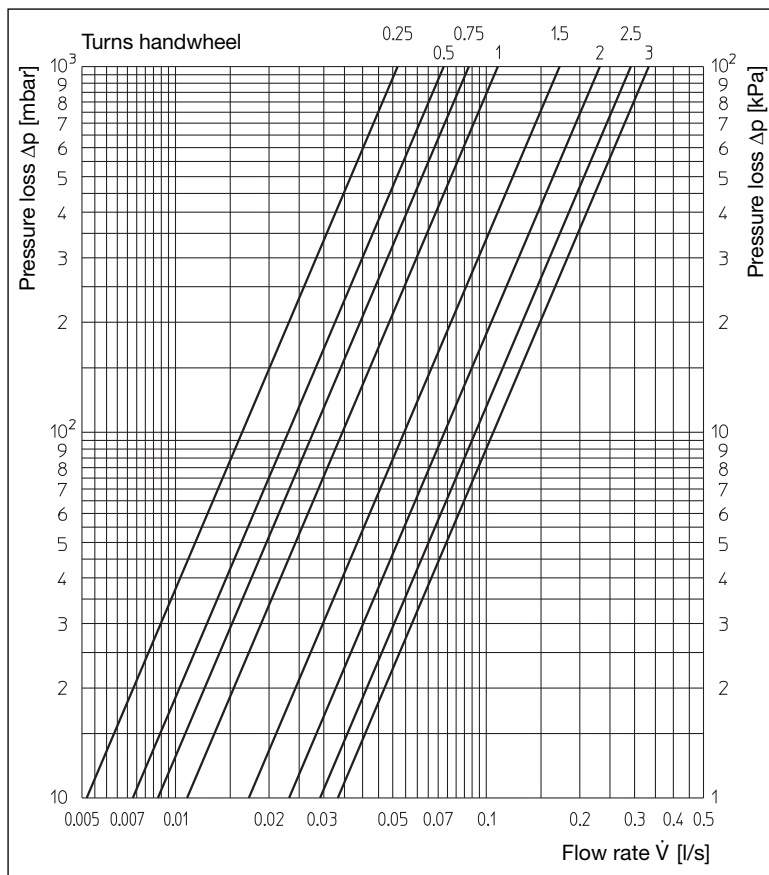


Chart: DN 10 – DN 20 Straight pattern valve

Subject to technical modification without notice.

Product range 1
ti 39-EN/10/MW
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