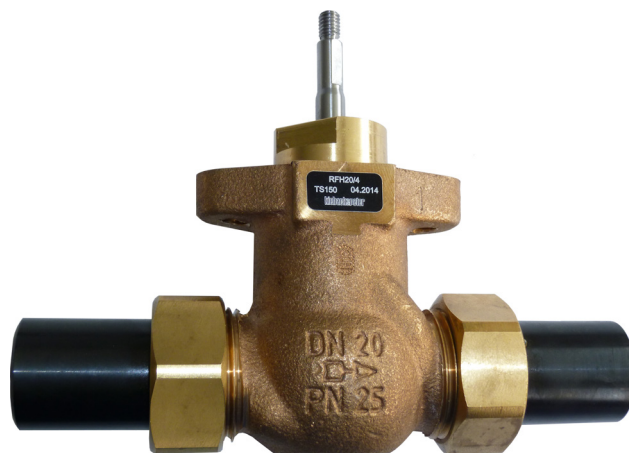


RFH15..25 Gunmetal two-way Valves

Application

The RFH15..25 gunmetal two-way valves are used for the sensitive quantity regulation of water and steam for temperatures up to 150°C.



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Änderungen vorbehalten - Contents subject to change - Sous réserve de modifications - Reservado el derecho a modificación - Wijzigingen voorbehouden - Con riserva di modifiche - Innehåll som skall ändras - Zmeny vyhradené - Změny vyhrázeny - Zmiany zastrzeżone - Возможны изменения - A változtatások jogát fenntartjuk - 保留未经通知而改动的权力

Types

RFH15..25 gunmetal two-way valve for water, heated water and steam up to 150°C, 25 bars

	DN	PN	kvs	Stroke [mm]	Connection	Weight [kg]
RFH15/0,25	15	25	0,25	14	G 3/4	1,3
RFH15/0,4	15	25	0,4	14	G 3/4	1,3
RFH15/0,63	15	25	0,63	14	G 3/4	1,3
RFH15/1,0	15	25	1,0	14	G 3/4	1,3
RFH15/1,6	15	25	1,6	14	G 3/4	1,3
RFH20/2,5	20	25	2,5	14	G 1	1,5
RFH20/4,0	20	25	4,0	14	G 1	1,5
RFH25/6,3	25	25	6,3	14	G 1 1/4	1,8

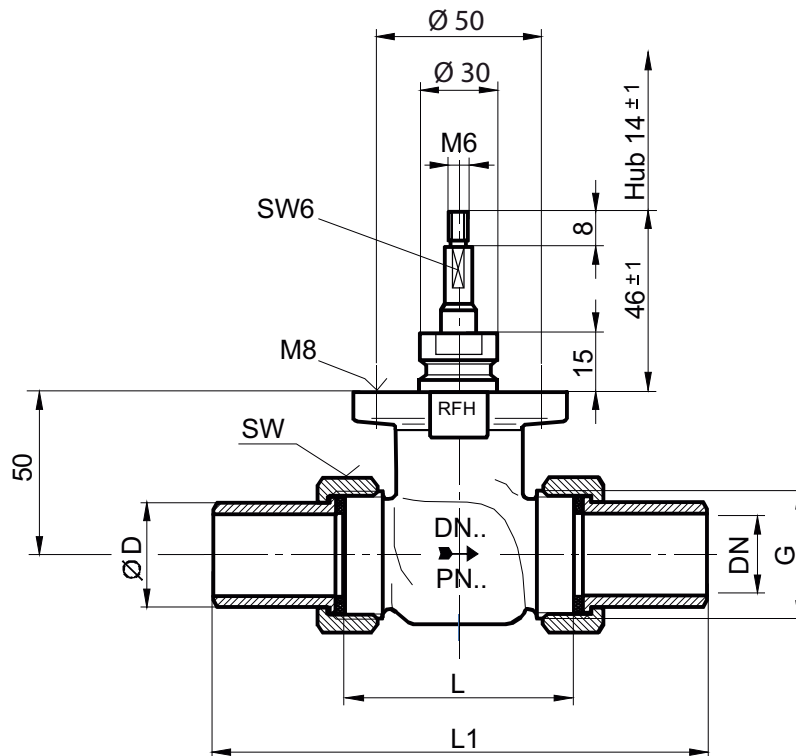
Technical Data

Nominal diameter	DN15..25	
Pressure rating	PN 25	
Connection	male threads, supplied with: 2 hex nuts (2.0401) with welded nipples (St 35 NBK)	
Characteristic curve	equal percentage	
Stellhub	14 mm	
Leak rate	in accordance with EN 1349, leakage class IV	
Medium temperature	0..150 °C	
Housing	gunmetal, Rg5	2.1096
Seat ring	CrN steel	1.4021
Cone	CrNi steel	1.4021
Valve spindle	CrN steel	1.4021
Spindle seal	O-rings with EPDM/PTFE guide sleeves, maintenance-free	

Product Description

RFH15..25

Dimensions



DN	L [mm]	L1 [mm]	G [Zoll]	D [mm]	SW [mm]
15	65	130	G $\frac{3}{4}$	21.3	30
20	70	150	G1	26,9	37
25	75	160	G1 $\frac{1}{4}$	33,7	46

Valve Installation



CAUTION

Installation and commissioning work may only be carried out by qualified technicians.

If the valve is installed in the system, make sure that no differential pressure builds up in the valve body before beginning work. If necessary, close the gate valve and turn off pumps. After the pipeline has cooled off, the actuator can be installed.

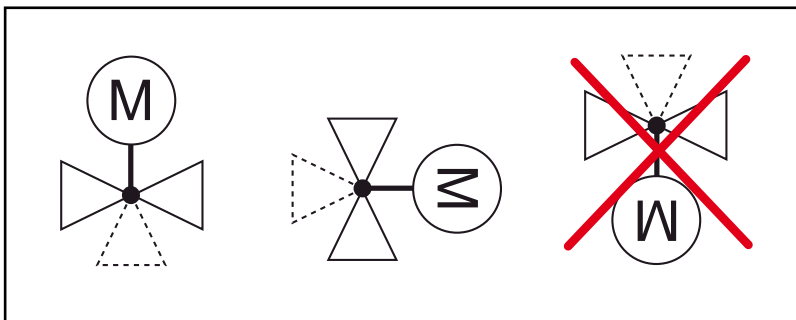
Be sure to comply with VDE guidelines and local wiring regulations. The device is connected according to the legally binding system circuit diagram.



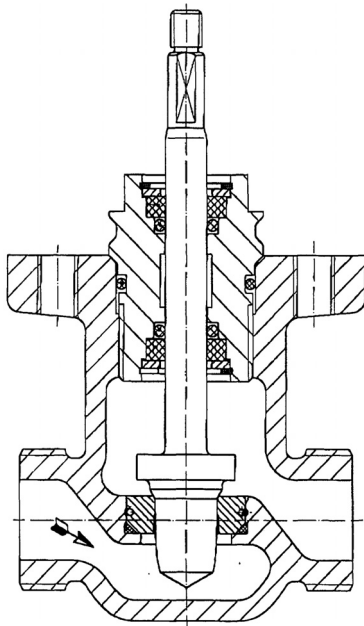
CAUTION

The valve may only be installed by qualified technicians. In addition to the generally valid installation guidelines, the following points are to be observed:

- Any protective caps on the valve gates should be removed before assembling the valves.
- No grease or oil may be used during assembly because these could destroy the valve seals.
- The pipeline system and the interior of the fitting must be free of foreign objects, particles of dirt, and grease and oil residues. Rinse them out if necessary.
- There must be no tension between the fixture and the pipeline connection.
- To avoid eddy formations in the valve body, the valve should be installed in a straight section of the pipe. A distance of 10 times the nominal diameter is recommended between the valve flange and manifold or other similar parts.
- The installation location is to be selected so that the ambient temperature at the actuator is kept between 0 °C and +50 °C.
- A strainer should be installed upstream of the valve. For maintenance purposes, shut-off valves should be installed upstream and downstream of the valve.
- When carrying out installation, observe the maximum permitted pressure difference Δp and the specified flow direction.
- When installing the drive or removing the connection cover, ensure that there is sufficient clearance above the drive.
- Observe the flow direction arrow on the valve body. Inverting the flow direction impairs control behavior.



Valve Cross-Sections with Flow Directions



Overview of Compatible Valve Actuators

	MD200xx	MD210xx	MD50Y	MF200xx
RFH15..25	X	X	X	X



NOTE

You can find further information on using the valves with actuators in the product descriptions of the MD50Y, MD200xx, MD210xx and MF200xx actuators.

