

Refurbishment valve NAF/AHA S69 RFA 03, 04, 05, 06



- Available in 1- and 2-pipe versions
- Presetable
- Connection M22x1.5 or M18x1.5 "
- Temperature: 5°C till +100°C
- Pressure class: PN 10

Description *RFA 03, 04, 05, 06*

Area of use

RFA 03/04/05/06 replaces NAF / AHA S69 1- or 2-pipe valves bottom-coupled.
The valves can be regulated with a thermostat or handwheel M28x1.5.

Description

RFA 03/04/05/06 has a hidden preset under the stuffing box.

Pre-setting of 2-pipe system is done with key FN2 or presetting tool FV5.

Distribution of the flow (1-pipe) between radiator and by-pass is done with FN2.

Unscrew the number of turns specified in the radiator flow table 1-pipe.

The valve has connection M22x1.5 or M18x1.5 to the pipe system.

The connection to the radiator is M26x1.5.

The return of the valve is closed with a spindle under the lid and inlet with a thermostat or handwheel.

When shutting down, the bypass is not closed.

Radiator flow 1-pipe.

Open turns	Kv2K		Dis. rad %
	Kv total	Kv rad.	
0,5	1,25	0,01	0,5
1	1,3	0,05	3,5
1,5	1,36	0,14	10
2	1,5	0,35	21
2,5	1,6	0,60	37
> 3	1,6	0,65	40

Open turns	Kvs		Dis. rad %
	Kv total	Kv rad.	
0,5	1,25	0,01	0,5
1	1,3	0,05	3,5
1,5	1,36	0,14	10
2	1,5	0,35	21
2,5	1,85	0,75	40
> 3	1,9	0,8	42

Description *RFA 03, 04, 05, 06*

Pre-setting FN 2 key

The valve is equipped with an insert that has a hidden preset.

Unscrew the protective knob. Remove the stuffing box with pins (use the top on preset key FN2)

Insert the preset key with the knurled end into the throttle sleeve and carefully screw this (clockwise) to the bottom.

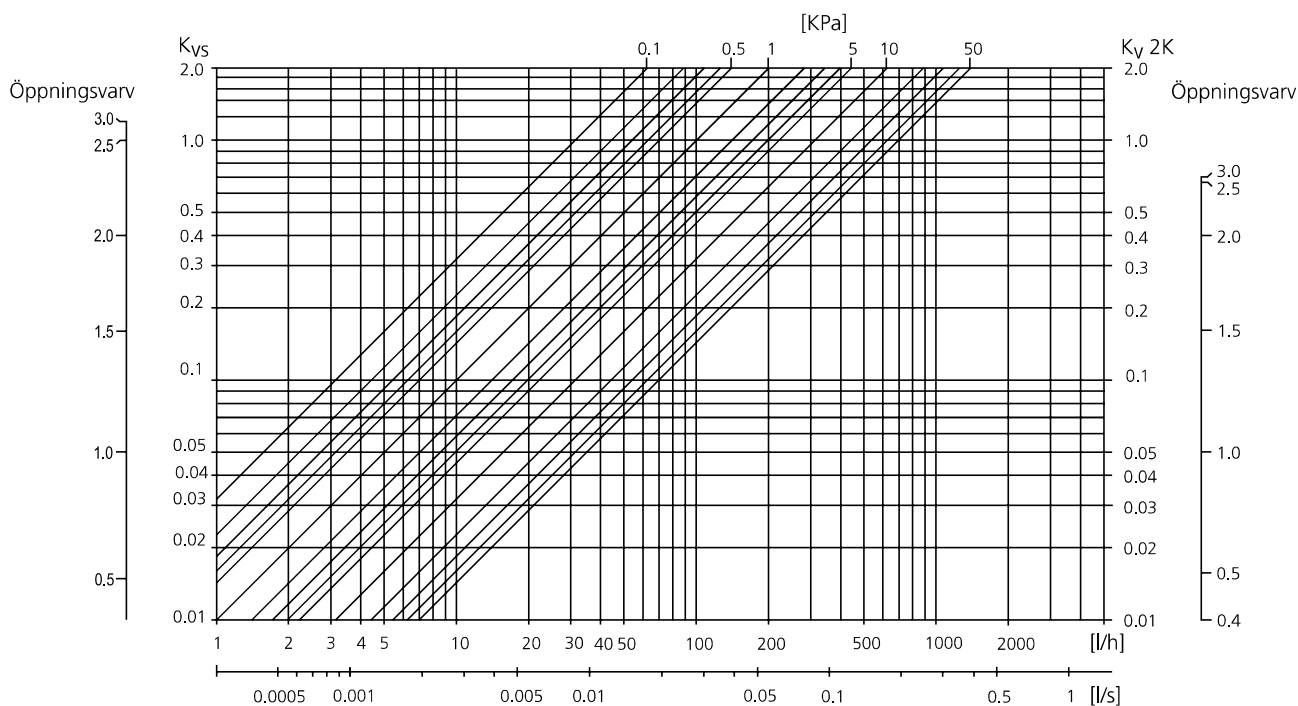
Unscrew the number of turns indicated according to the diagram.

Refit the stuffing box with pins.



Pre-setting FV5

- Remove the protective knob and stuffing box as above.
- Screw down the throttle sleeve at the bottom as above.
- Remove the presetting key and mount the presetting device over the lightened insert and replace the presetting key with the device.
- Reset the scale to the index mark.
- Unscrew the throttle sleeve so that the desired kv value coincides with the index marking.
- Refit the stuffing box with pins



We recommend a pressure drop of 5-10 kPa

Technical data *RFA 03, 04, 05, 06*

Pressure class

PN 10

Min temperature

5°C

Max temperature

100°C

Maximum differential pressure / closing pressure

150 kPa

Recommended differential pressure

3-10 kPa

At 2-pipe

Kv-value / Kvs-value

0,01-0,7/1,2

Material

Brass

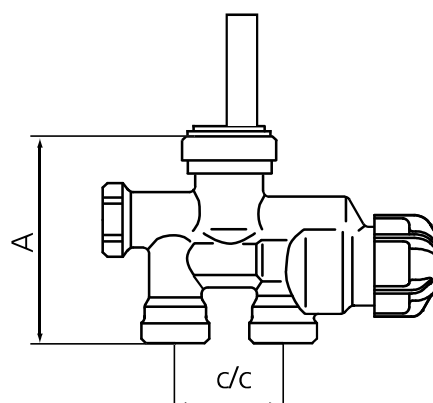
Gaskets EPDM

Weight

388 g

Measurements

	A	c/c	Weight/g
RFA 03, 04, 05, 06	65	40	388



Ordering codes

RSK-number	Article-number	Designation	Description
480 61 23	FD4R1002100X00SE0	RFA 03	Refurbishment valve 1-pipe M22x1,5
480 61 24	FD4R1001100X00SE0	RFA 04	Refurbishment valve 2-pipe M22x1,5
480 62 84	FD4R1002500X00SE0	RFA 05	Refurbishment valve 1-pipe M18x1,5
480 62 85	FD4R1004800X00SE0	RFA 06	Refurbishment valve 2-pipe M18x1,5