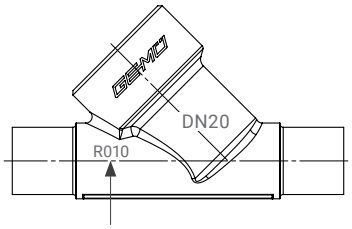
Actuator replacement for GEMÜ globe valves

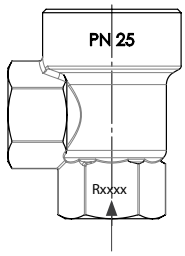
The following information must be noted if an actuator is to be replaced:

- The nominal size of the actuator must correspond with the nominal size of the valve body
- The actuators of the GEMÜ 514, GEMÜ 550 and GEMÜ 554 angle seat globe valves can be assembled on the same angle seat globe valve body. Equally, the actuators of the GEMÜ 530, GEMÜ 532 and GEMÜ 534 globe valves can be assembled on the same globe valve body
- In the case of valves with a reduced valve seat, the correct combination of valve body and actuator must be ensured. For this purpose, the actuator product label must be compared with the valve body marking

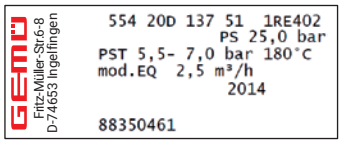
Actuator product label	Valve body marking	Valve seat diameter
RAxxx	R002	2 mm
RBxxx	R004	4 mm
RCxxx	R006	6 mm
RDxxx	R008	8 mm
RExxx	R010	10 mm
RFxxx	R012	12 mm
RGxxx	R015	15 mm
RHxxx	R020	20 mm
RJxxx	R025	25 mm
RKxxx	R032	32 mm
RMxxx	R040	40 mm



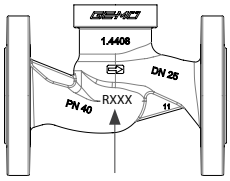
Valve body marking
2/2-way body
Example: R010



Valve body marking:
Angle valve body



Actuator product label,
example: GEMÜ 554



Ventilkörperkennzeichnung
Durchgangskörper

Example

The GEMÜ 554 is to be converted to the GEMÜ 550. The valve body should be retained.

- The valve type, nominal size and R-Number of the valve to be converted must be known:

Valve to be converted	Kv value	Valve seat diameter
554 20D 1 37 5 1 1 **RE402**	1.6 m³/h, mod. EQ	10 mm

- The data from the valve to be converted enables the Kv value to be determined using the GEMÜ 554 control valve datasheet
- The GEMÜ 550 control valve datasheet can now be used to reselect the required R-Number.
  Note: In the same way, with a previous R-Number RExxx, only one actuator can subsequently be used for a reduced seat
- The following actuator has been selected: 9550 20Z 5 12 G 1 RE405.
- Convert the valve to the GEMÜ 550 by assembling the GEMÜ 9550 actuator:

Converted control valve	Kv value	Valve seat diameter
550 20D 1 37 5 1 1 **RE405**	1.6 m³/h, mod. EQ	10 mm

Subject to alteration · 04/2025 · 88748398