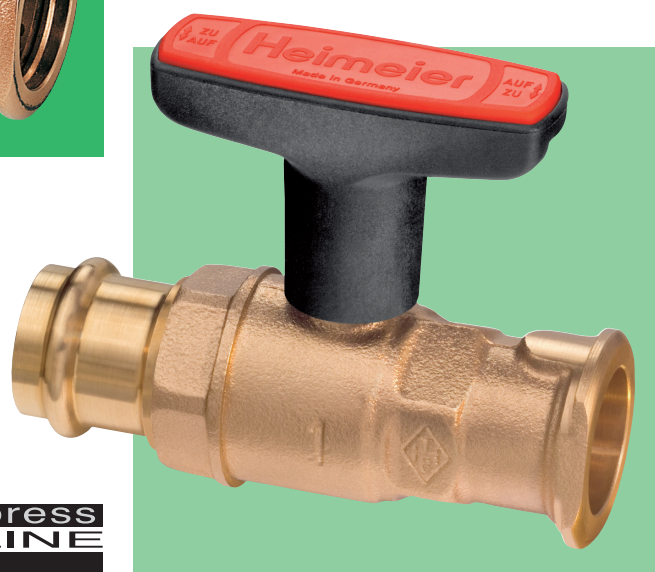


Globo P

Pump ball valve made of gunmetal



To be precise.



Globo P, Globo P-S

Description



HEIMEIER pump ball valve, specially designed for heating technology requirements. Body and ball made of corrosion-resistant gunmetal.

Available for delivery in two models: Globo P without gravity brake, and Globo P-S with gravity brake.

Gravity brakes which operate at a low noise level, made of plastic, can be opened externally. Identifiable open/closed position.

Detachable operating toggle made of shock-resistant plastic. Hidden toggle stop, therefore no danger of injury.

Thermometer, replaceable through changing the red closing cap in the handle, see accessories.

Maintenance free spindle sealing through two EPDM O-rings. Ball sealing from pure PTFE. Gravity brake sealing through and EPDM O-ring.

Versions with socket female thread connection and formed flange with full load-bearing sealing surface. Connections (socket x flange):

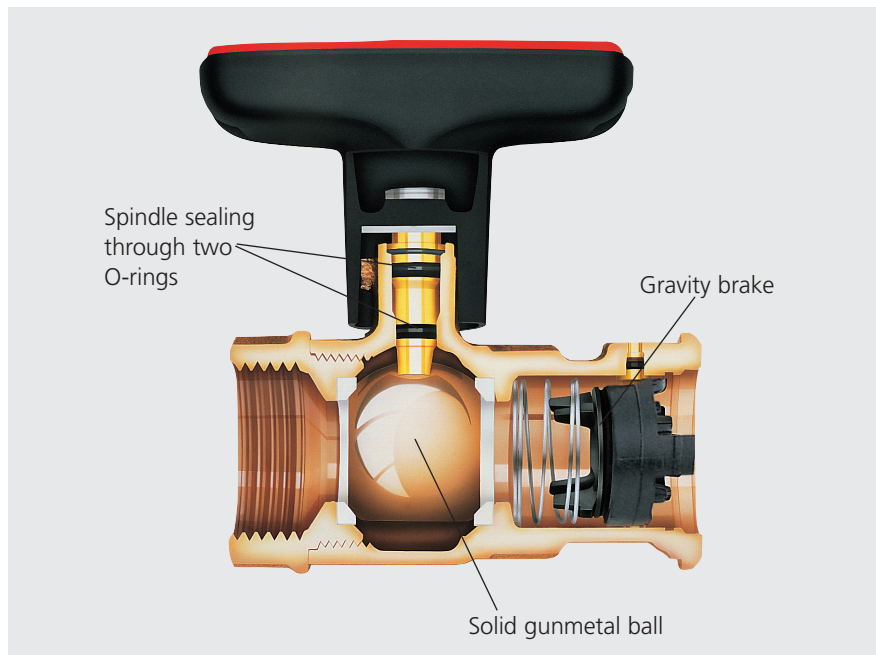
1" x 1", 1 1/4" x 1 1/4" and 1 1/4" x 1".

Versions with Viega press connection with SC-Contur and formed flange with full load-bearing sealing surface. Connections (press connection x flange): 28 mm x 1", 35 mm x 1 1/4".

Heat insulating shells, consisting of two interlocking semi-shells, as accessories.

Assembly

Globo P-S



- **Body and ball made of corrosion-resistant gunmetal**
- **Thermometer as accessory**
- **Tubular body, ideal for constant heat insulation**
- **Operating toggle outside the heat insulation**
- **Gravity brake can be mounted externally**
- **Also available in Press-Line version with Viega SC-Contur**

Application

HEIMEIER Globo P and Globo P-S are used in pump warm water heating systems for direct connection to circulating pumps with screwed pipe connections.

Easy to install by pushing the pump union nut onto the form flange of the pump ball valve. Universal application opportunity, e. g. Globo P on the suction

side, and Globo P-S with a gravity brake on the pressure side of a circulating pump.

The gravity brake on the Globo P-S is used e. g. to drain off, fill and bleed the system, can be mounted externally.

Note: When the circulating pump is not in operation, low gravity circulation may occur in heating systems with a high

operating pressure, despite the gravity brake. The gravity brake is not designed for use as a tightly closing return valve.

The pump ball valves can be insulated against heat loss with no problem using the heat insulating dishes or with constant pipe insulation, depending on the heating system requirements. The operating toggle is outside the heat insulation.

Press-Line Connection with Viega SC-Contur

Globo P and Globo P-S ball valves with Viega press connection are suitable for copper pipes conforming to EN 1057 as well as Viega Sanpress stainless steel and Prestabo steel pipes.

All press connections as well as the valve bodies are made of corrosion-resistant, dezincification-free gunmetal.

Since this is a Viega press connection, all suitable Viega press-fitting jaws can be used. This means there is no need to purchase costly press-fitting tools and jaws.

The pressing action is produced by a formed hexagon recess before and after the beading of the connector and gives the press-fitted joint the necessary strength. In addition, the press-fitting beading is specifically formed such as to give the high-

grade EPDM sealing element its defined shape.

In the interest of safety, the press connections are equipped with SC-Contur (SC = safety connection) which makes it possible to detect non-pressed joints by visible leaks when filling the system. During the press-fitting operation, the SC-Contur is practically reformed and loses its effect in the process, thus producing a permanent, tight and positive joint connection.

Initially, press-fitting joints that do not feature SC-Contur can appear to be tight in the non-pressed state, however, they can slide apart during subsequent operation of the system.

The hexagon on the valve bodies is a particularly practical feature for holding the fit-

tings while tightening.

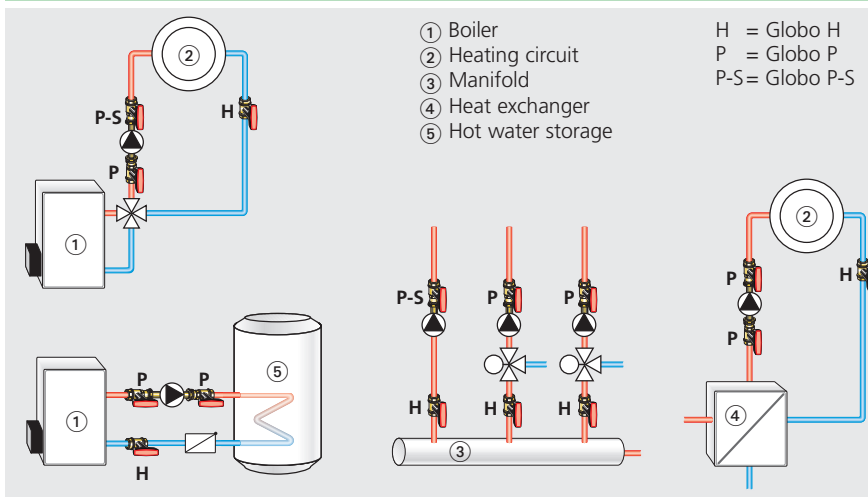
The following press-fitting tools can be used, e.g.

- Viega: Type 2, PT3-H, PT3-EH, PT3-AH, battery-powered Presshandy, Pressgun 4E/4B
- Geberit: PWH 75
- Geberit /Novopress: Type N 230V, Type N battery-powered
- Mapress/Novopress: EFP 2, ACO 1/ ECO 1
- Klauke: UAP 2

The suitability of other press-fitting tools should be verified with the respective manufacturer.

We recommend using only Viega press-fitting jaws to make Viega press connections.

Sample applications



Note

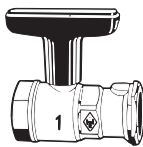
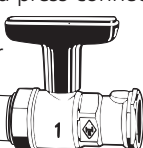
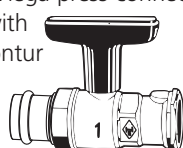
The contents of the heat transfer medium should comply with VDI guideline 2035 to prevent damage and scale deposit formation in warm water heating systems.

For industrial and long-distance energy systems, see the applicable codes VdTÜV 1466 and AGFW 5/15.

Mineral oils in the heat transfer medium or lubricants containing mineral oils of any type lead to strong swelling and in most cases cause EPDM seals to fail.

When using nitrite-free frost and corrosion-resistance solutions with an ethylene glycol base, pay close attention to the details outlined in the manufacturers' documentation, particularly details concerning concentration and specific additives.

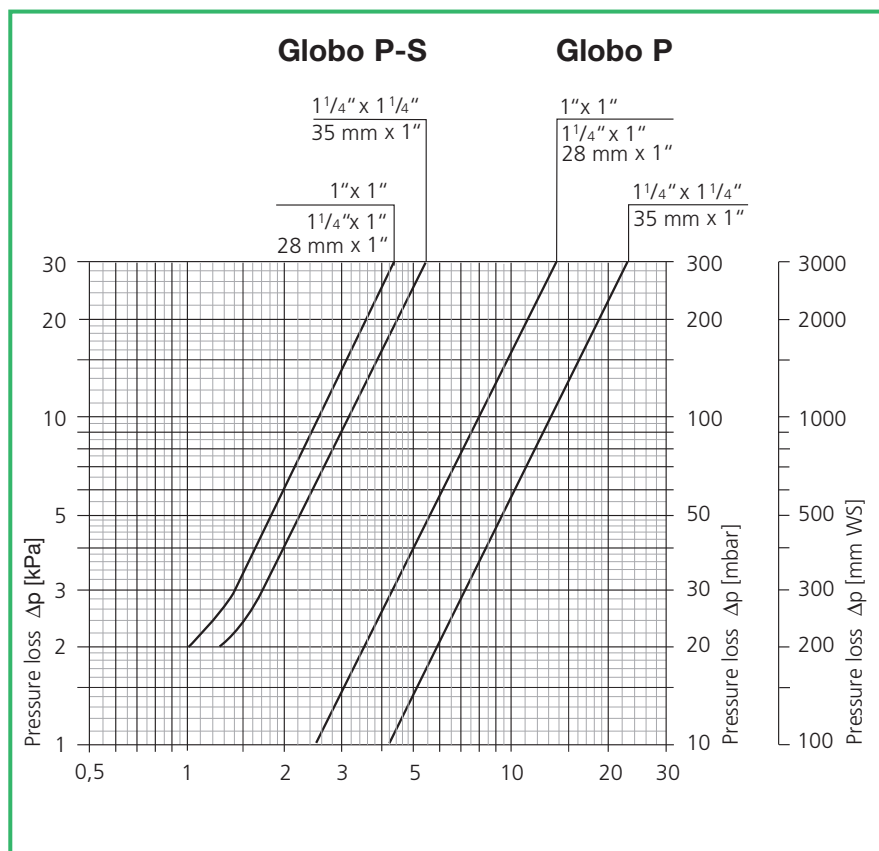
Article numbers

Illustration	Pipe connection/flange	kvs-value [m³/h]	Art. no.
Globo P / Globo P-S 	Globo P		
	1" x 1"	25,0	0620-04.000
	1 1/4" x 1 1/4"	42,0	0620-05.000
	1 1/4" x 1"	25,0	0620-45.000
Globo P-S with gravity brake 	1" x 1"	8,0	0630-04.000
	1 1/4" x 1 1/4"	10,0	0630-05.000
	1 1/4" x 1"	8,0	0630-45.000
	Globo P / Globo P-S With Viega press connection with SC-Contur 	Globo P	
28 mm x 1"		25,0	0622-28.000
35 mm x 1 1/4"		42,0	0622-35.000
Globo P-S with gravity brake			
28 mm x 1"	8,0	Formula: $C_v = \frac{k_v}{0,86}$ $k_v = C_v \cdot 0,86$	0632-28.000
35 mm x 1 1/4"	10,0		0632-35.000

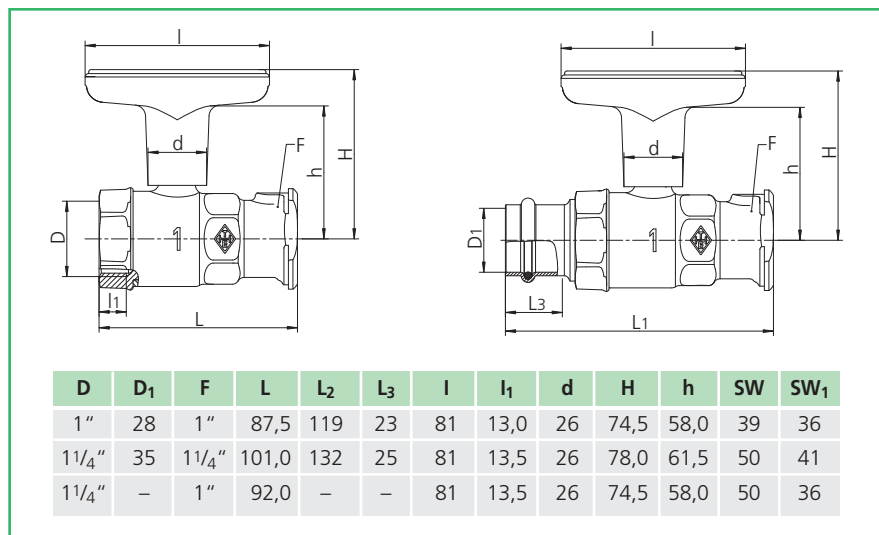
Permissible operating temperature TB Globo P 120 °C, with press connection 110 °C, Globo P-S 90 °C. Permissible operating pressure PB 10 bar.

Globo P, Globo P-S

Diagram



Lengths



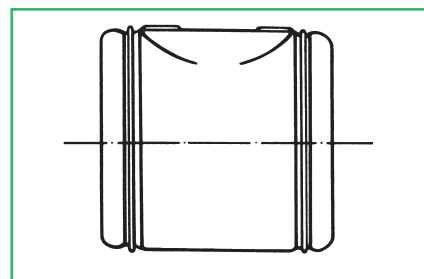
Accessories

Heat insulating shell for HEIMEIER Globo P and Globo P-S ball valve

Manufacturer and Sales e. g.:

GWK-Kuhlmann GmbH
 Franz-Kleine-Straße 16
 D-33154 Salzkotten
 Telephone +49 (0) 52 58/98360
 Fax +49 (0) 52 58/983649

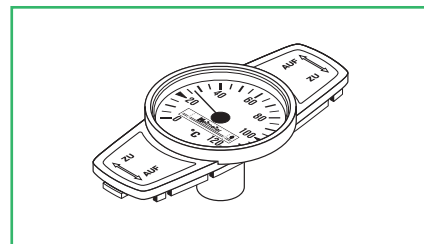
Comfort-Dämmtechnik GmbH
 Dieselweg 2
 D-48493 Wettringen
 Telephone +49 (0) 25 57/92 99 90
 Fax +49 (0) 25 57/92 99 99



Thermometer

to replace by changing the red closing cap.
 Temperatur range from 0 °C to 120 °C.

red Art. no. **0600-00.380**
blue Art. no. **0600-01.380**



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