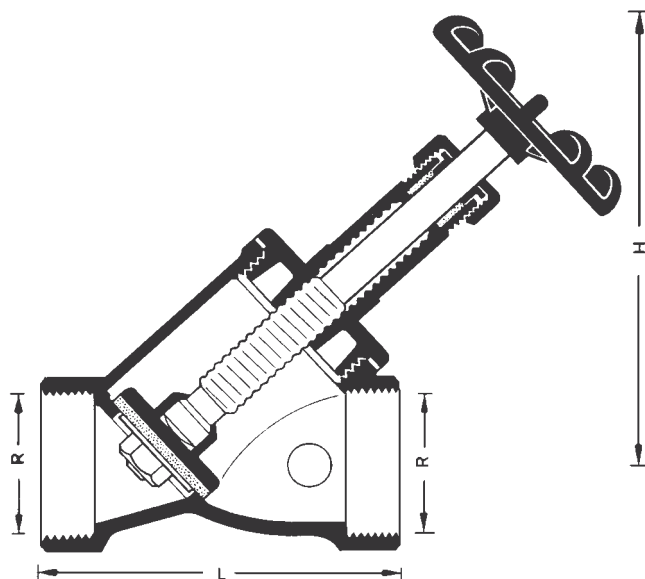




4115

Order numbers 4115	Order numbers 4115 A	R Connection	L	H open	Dimensions in mm Order numbers
1 4115 00	—	3/8"	56	75	
1 4115 01	1 4115 11	1/2"	65	81	
1 4115 02	1 4115 12	3/4"	70	109	
1 4115 03	1 4115 13	1"	85	128	
1 4115 04	1 4115 14	1 1/4"	100	161	
1 4115 05	1 4115 15	1 1/2"	110	174	
1 4115 06	1 4115 16	2"	134	220	
1 4115 07	1 4115 17	2 1/2"	180	300	
1 4115 08	1 4115 18	3"	210	320	

4115	3/8"–3"	Shut-off valve, socket x socket, inclined brass model, spindle sealing by means of stuffing box.
4115 A	1/2"–3"	Shut-off valve, socket x socket, inclined brass model, with 2 bore holes for draining fittings, 1 screw plug 272 is mounted, spindle sealing by means of stuffing box.

Drain cocks must be ordered separately.

Models

4125 D	1/2"–3"	STRÖMAX-D shut-off valves with non-rising spindle, inclined models as above, but with two bore holes for draining fittings
4125 AD	1/2"–3"	
4215 G	1/2"–3"	STRÖMAX-G shut-off valves, screw down model same as above, but with two bore holes for draining fittings
4215 AG	1/2"–3"	

Other Shut-off Valve models

We reserve the right to make modifications necessitated by technological progress.

Valves 1/2"-2": pipe thread 1/4"; valves 2 1/2"-3": pipe thread 3/8".

Bore sizes

270	1/4"-3/8"	Drain cock with handle
272	1/4"-3/8"	Screw plug
275	1/4"-3/8"	Drain cock with hose connection

Draining Fittings to be ordered separately

Reliable shutting of pipes in heating and cooling systems.

Field of Application

Maximum operating temperature 110 °C
Maximum operating pressure 10 bar
Hot water quality according to Austrian standard ÖNORM H 5195 and/or VDI-guideline 2035.

Operating Data

When using HERZ compression unions for copper and steel pipes, observe the permissible temperatures and pressures as specified in EN 1254-2:1998 Table 5. A maximum operating temperature of 80 °C and maximum operating pressure of 4 bar applies for plastic pipe connections, if permitted by the pipe manufacturer.

HERZ Compression Union

The shut-off valves 3/8"-1/2" are equipped with special sockets. They are suitable for connecting either a threaded pipe or a calibrated soft-steel or copper pipe, the latter two by means of a screw joint. Use adapter 6272 between socket and compression union for valves R = 1/2" for external pipe diameters 10, 12, 14, 16 and 18 mm as well as for valves R = 3/4" for external pipe diameter 18 mm. Compression union and adapter must be ordered separately.

Pipe Connection with Compression Union

Pipe Ø D mm	12	10	12	14	15	16	18	18
Valve R =	3/8"	1/2"						3/4"
Adapter Order No.		1 6272 01	1 6272 01	1 6272 01		1 6272 01	1 6272 11	1 6272 12
Compr. Union Order No.	1 6292 00	1 6284 00	1 6284 01	1 6284 03	1 6292 01	1 6284 05	1 6289 01	1 6289 01

For the installation of soft-steel or copper pipes with compression unions we recommend the use of support sleeves. Lubricate the locking nut (male or female thread) as well as the olive with silicone oil. Please consult our instructions for installation.

The shut-off valves R = 1/2" are suitable for installation with plastic pipes. Adapter and plastic pipe unions are connected to the special sockets. For models and dimensions consult the HERZ catalogue.

Plastic Pipe Connection

A large packing of special teflon ensures ease of operation and lasting lightness, and has been approved for a maximum operating temperature of 150 °C.

Spindle Sealing

Flow Directions

The valve is suitable for flow in either direction thanks to the non-removable pivoting.

Seat seal

The temperature resistant and permanently elastic teflon seal is corrosion-resistant, does not stick, and has been approved for a maximum operating temperature of 150 °C.

Special Design Features

For thermal insulation and the avoidance of heat loss it is recommended that thermal insulation shells be used.

They consist of two interlocking half shells and the spindle cover. The parts are closed by overlapping and held together by means of tightening straps. The thermal insulation shells can be removed and re-used at any time.

Thermal insulation shells can be used up to a maximum operating temperature of 110 °C.

For models and dimensions consult the HERZ catalogue.

Thermal Insulation Shells Art. No. 4095

1 4095	Thermal Insulation Shells For order numbers please refer to the HERZ catalogue
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Accessories

1 6385	STRÖMAX Upper Part For order numbers please refer to the HERZ catalogue
1 6519	Hand wheel For order numbers please refer to the HERZ catalogue

Spare Parts

HERZ Standard Diagram

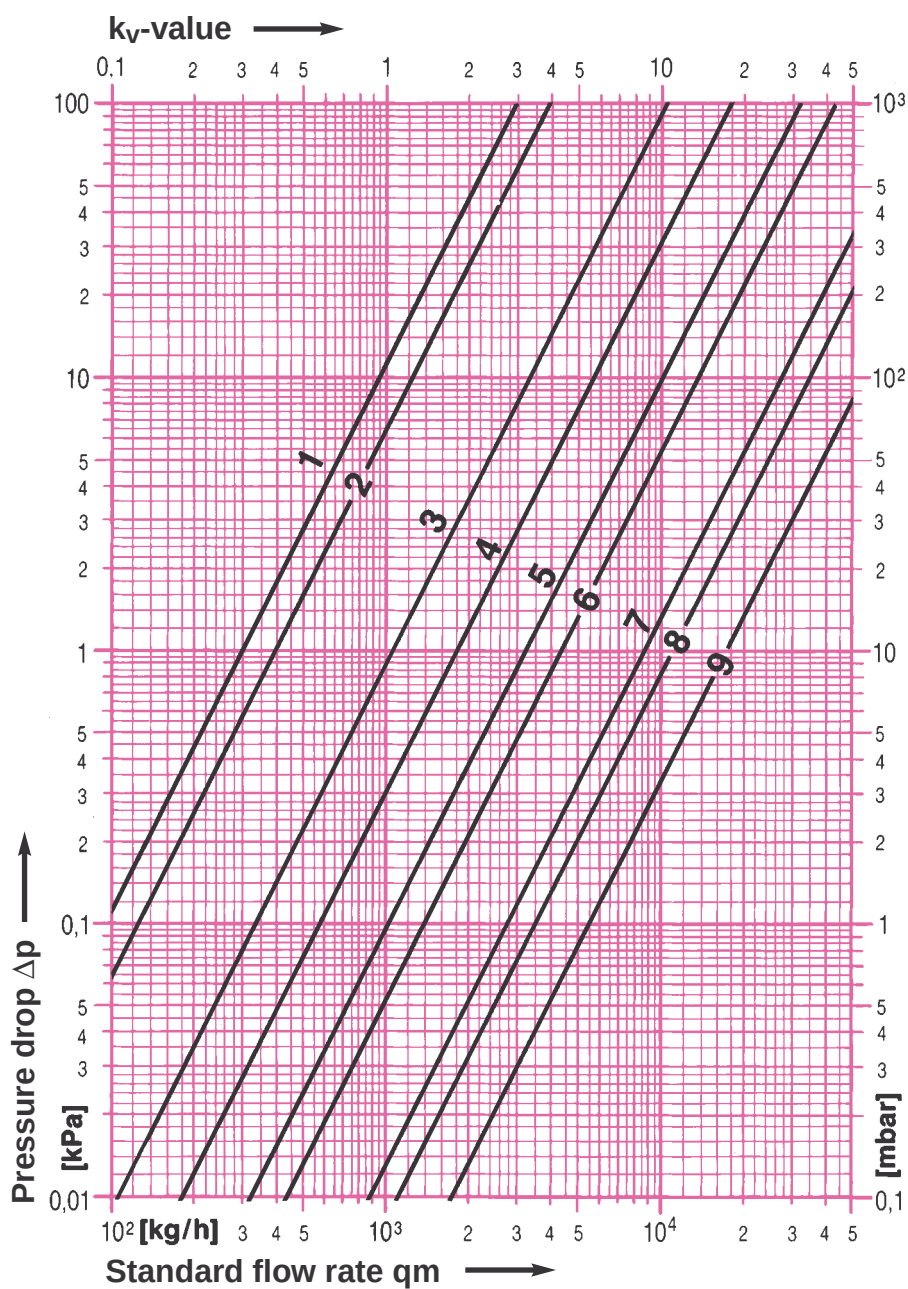
STRÖMAX

Art. No. 4115 • 4115 A

Dim. 3/8" – 3"

The diagram serves to determine the flow rates. The resistance coefficient ζ refers to the pipe diameter according to DIN 2440. Up to approx. 15 kPa (1,500 mm WC) Δp flow noise under 25 dB (A).

Char.	Dim.	kvs	ζ -Value	Char.	Dim.	kvs	ζ -Value
1	3/8"	3	4	6	1 1/2"	44	2.5
2	1/2"	4	6.7	7	2"	87	1.6
3	3/4"	10.5	3.1	8	2 1/2"	112	2.8
4	1"	18	2.7	9	3"	175	2.2
5	1 1/4"	32.5	2.5				



We reserve the right to make modifications.

HERZ Armaturen

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