

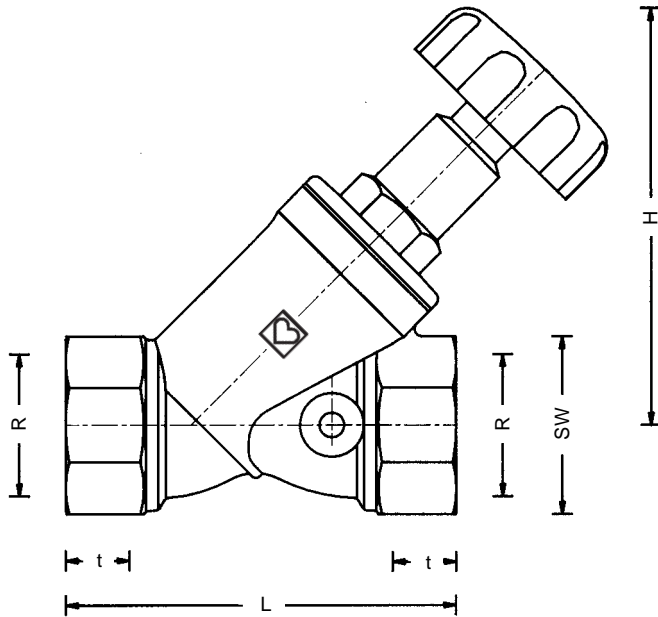
STRÖMAX-D

HERZ Inclined Valve with Non-Rising Spindle

Standard Sheet for

4125 D

Edition 1000 (0999)



Article number	R Connection	L	H	t	Hexagon Key mm	Octagon Key mm	Order Numbers		Dimensions in mm Order Numbers
							4125 D	4125 AD	
4125 D	1/2"	65	86	15.0	27	–	1 4125 61	1 4125 71	
	3/4"	75	92	16.3	32	–	1 4125 62	1 4125 72	
	1"	90	105	19.1	41	–	1 4125 63	1 4125 73	
	1 1/4"	110	118	21.4	–	50	1 4125 64	1 4125 74	
	1 1/2"	120	127	21.4	–	55	1 4125 65	1 4125 75	
	2"	150	155	25.7	–	70	1 4125 66	1 4125 76	
	2 1/2"	180	205	30.0	–	85	1 4125 67	1 4125 77	
	3"	210	226	25.0	–	100	1 4125 68	1 4125 78	

4125 D	1/2"–3"	STRÖMAX-D shut-off valve, inclined model, brass version, socket x socket, with long threaded sockets, non-rising spindle, spindle sealing by means of elastic double-O-ring.	Models
4125 AD	1/2"–3"	STRÖMAX-D shut-off valve, inclined model, same as 4125 D, however with 2 bores for draining fittings, 1 screw plug 272 installed. Drain cocks must be ordered separately.	

4215 G	1/2"–3"	STRÖMAX-G-Shut-off valves, screw down model	Other Shut-off Valves
4215 AG	1/2"–3"	same as above, but with two bore holes for draining fitting	
4115	3/8"–3"	STRÖMAX shut-off valves, inclined models, spindle seal with stuffing box	
4115 A	1/2"–3"	same as above, but with two bore holes for draining fittings	

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

270	1/4"–3/8"	Drain cock with handle	Draining Fittings to be ordered separately
272	1/4"–3/8"	Screw plug	
275	1/4"–3/8"	Drain cock for hose connection	

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

HERZ Armaturen

Richard-Strauss-Straße 22 • A-1230 Wien



HERZ-Standard Diagram

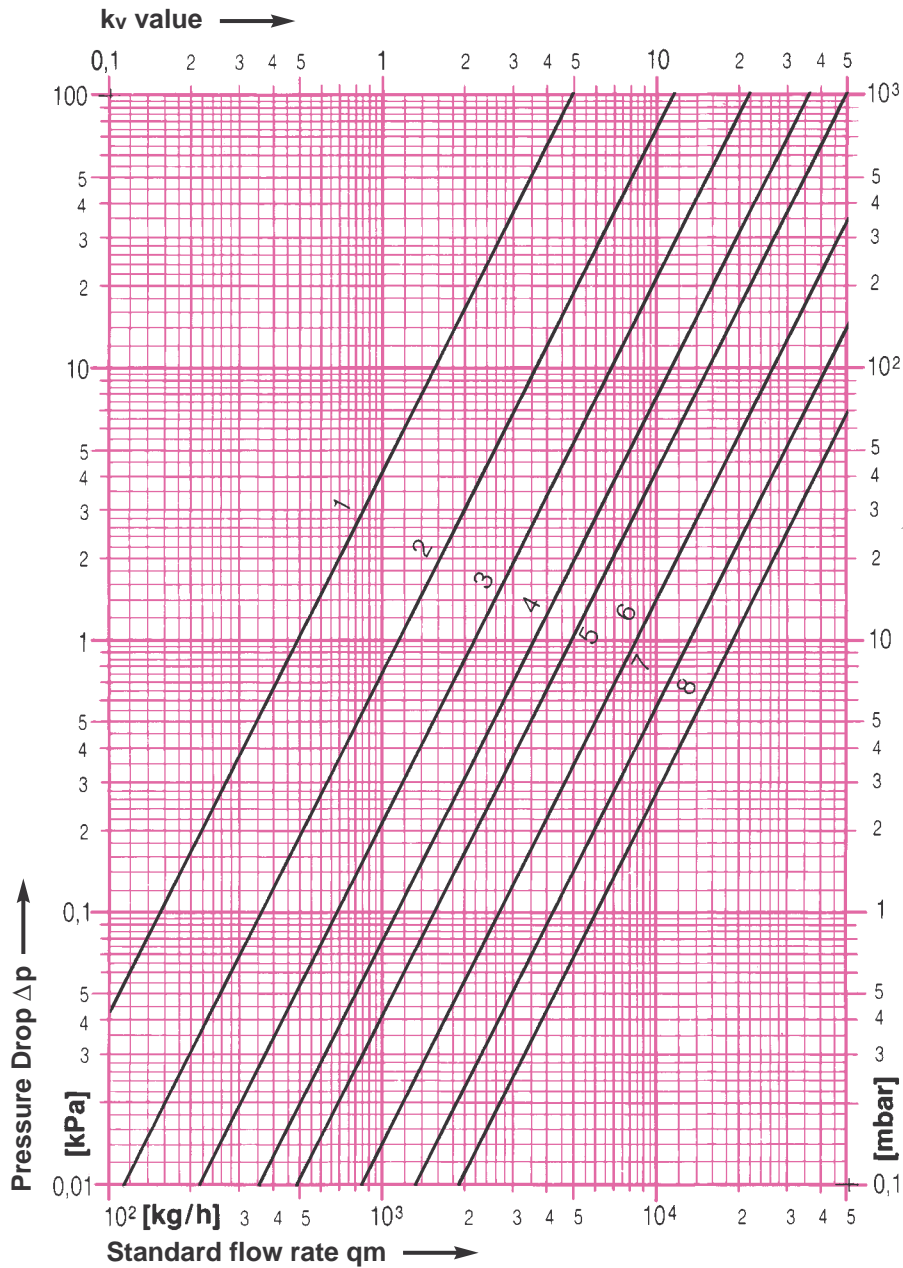
STRÖMAX-D

Art. No. 4125 D • 4125 AD

Dim. 1/2" – 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 Δp flow noise under 25 dB (A).

Char.	Dim.	kvs	ζ -Value	Char.	Dim.	kvs	ζ -Value
1	1/2"	4.8	4.39	5	1 1/2"	48	2.04
2	3/4"	11.5	2.54	6	2"	82	1.81
3	1"	21.5	1.83	7	2 1/2"	127	2.14
4	1 1/4"	35	2.09	8	3"	183	1.96



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Systems with cold and hot water.
Please enquire before using the valve with other media.

Field of Application

Maximum operating temperature 110 °C
Maximum operating pressure 10 bar
Hot water purity in accordance with 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 inclined valves R = 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 compression union. Use adapter 6272 between socket and compression union for valves R = 1/2" for external pipe diameters of 10, 12, 14, 16, and 18 mm as well as for valves R = 3/4" for external pipe diameters of 18 mm. Compression unions and adapters must be ordered separately.

Pipe Connection with Compression Unions

Pipe Ø D mm	10	12	14	15	16	18	18
Valve R =	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 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 union, we recommend the use of support sleeves. For perfect installation lubricate the thread of the locking nut (male and female thread) as well as the olive with silicone oil. Please consult our instructions for installation.

The inclined valves R = 1/2" are suitable for systems with plastic pipes. Adapters and plastic pipe connections are connected to the special sockets. For models and dimensions consult the HERZ catalogue.

Plastic Pipe Connection

STRÖMAX-D-inclined valves are equipped with a spindle seal consisting of an elastic double-O-ring.

The maintenance-free double-O-ring seal guarantees permanent and secure sealing of the valve spindle, as well as ease of valve operation.

Double-O-Ring

Flow Directions

The non-removable cone is attached in such a way that it is not affected by reverse flow. Consequently, the valve is suitable for flow in either direction.

Special Design Features

Seat Seal

The temperature-resistant and permanently elastic soft seal is corrosion-resistant and does not stick. It is suitable for operating temperatures up to 150 °C.

The use of thermal insulation shells is recommended for thermal insulation and the avoidance of heat loss.

Thermal Insulating Shells Art. No. 4095

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 120 °C.

For models and dimensions consult the HERZ catalogue.

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

Zubehör

1 6389 STRÖMAX-D Upper Part
For order numbers please refer to the HERZ catalogue
1 6517 00 Hand wheel

Ersatzteile