

# Shut-off valves A6..H/S, A6..HL/SL

## The cost effective alternative.

> Water is our element.

[www.belimo.eu](http://www.belimo.eu)



5  
-year warranty

Easy to fit, maintenance-free and energy-saving.

The new Belimo shut-off valves A6..H/S (Wafer type) and A6..HL/SL (Lug type) are ideal for all open-close and shut-off tasks in closed heating and cooling circuits. Thanks to the stainless steel disc, they can also be used in open water circuits without any problems. The tight-closing shut-off valve additionally helps preventing energy losses.

#### **Superior quality combined with unbeatable value for money**

The tight-closing shut-off dampers have no problem resisting extreme medium temperatures from  $-20^{\circ}\text{C}$  to  $+120^{\circ}\text{C}$  and are furnished with a resistant epoxy powder coating and a stainless steel valve cone. The high material and production quality assures our A6.. shut-off valves a long service life – they carry out their job reliably and maintenance-free for many years.

#### **The complete product range – order directly today**

Our comprehensive range comprises nominal diameters from DN 25 to DN 700 with flow rates ( $k_v \text{ max}$ ) of 45 to 42800  $\text{m}^3/\text{h}$  and optimum zeta values. Order your new, maintenance-free A6.. shut-off dampers directly from Belimo by phone or E-mail today.

**BELIMO**<sup>®</sup>

Product range overview			Manually-operated shut-off valves			
DN (mm)	$\zeta$ Zeta value	$k_{vmax}$ (m <sup>3</sup> /h)	Wafer type		Lug type	
			Lever	Worm gear	Lever	Worm gear
25	0.32	45	A625H	D625N + ZD6N-S100		
32	0.55	55	A632H	D632N + ZD6N-S100		
40	0.83	70	A640H	D640N + ZD6N-S100		
50	1.23	90	A650H	D650N + ZD6N-S100	A650HL	D650NL + ZD6N-S100
65	0.88	180	A665H	D665N + ZD6N-S100	A665HL	D665NL + ZD6N-S100
80	0.73	300	A680H	D680N + ZD6N-S100	A680HL	D680NL + ZD6N-S100
100	0.47	580	A6100H	D6100N + ZD6N-S100	A6100HL	D6100NL + ZD6N-S100
125	0.58	820	A6125H	A6125S	A6125HL	A6125SL
150	0.32	1600	A6150H	A6150S	A6150HL	A6150SL
200	0.30	2900		A6200S		A6200SL
250	0.32	4400		A6250S		A6250SL
300	0.24	7300		A6300S		A6300SL
350	0.20	10900		A6350S		A6350SL
400	0.20	14200		D6400N + ZD6N-S400		D6400NL + ZD6N-S400
450	0.19	18800		D6450N + ZD6N-S450		D6450NL + ZD6N-S450
500	0.17	24100		D6500N + ZD6N-S500		D6500NL + ZD6N-S500
600	0.17	37300		D6600N + ZD6N-S600		D6600NL + ZD6N-S600
700	0.21	42800		D6700N + ZD6N-S700		D6700NL + ZD6N-S700

Alternatively, you can choose from a wide range of already motorised D6..N / D6..NL butterfly valves. Please contact your Belimo representative.

#### Valve specifications:

- Shut-off valve with epoxy coating, valve disc and internal parts made of stainless steel
- Rated pressure ps: 1600 kPa
- Closing pressure  $\Delta ps$ : 1200 kPa (up to DN 350)
- Closing pressure  $\Delta ps$ : 1000 kPa (up to DN 700)
- Media: Cold and hot water (water with glycol up to max. 50% vol.)
- Medium temperature: -20°C to +120°C
- Leakage rate: A (tight as per EN12266-1)
- Angle of rotation: 0 to 90
- Lever with 10 ratchet increments and position indication
- Worm gear stepless with position indication
- Flange dimensions:  
A6..H/S:  
PN 6/10/16 in DN 25 to DN 200  
PN 10\*/16 in DN 250 to DN 350  
\* upon request  
PN 16 in DN 400 to DN 700  
A6..HL/SL:  
PN 10/16 in DN 50 to DN 150  
PN 16 in DN 200 to DN 700
- Maintenance-free
- Can be motorised later without difficulty

#### Ordering examples:

- A625H
- D625N + ZD6N-S100

Water. A complete range from one source.

Control ball valves	Shut-off and change-over valves	Retrofit Replacement / renovation / modernisation
		 www.belimo.eu/retrofit