



2-way Open/Close Ball Valves DN65...150
Open/Close control in cold and hot water circuits

Applications

For Open/Close cold and hot water circuits in heating and ventilation systems on the water side.



Technical data

Flow medium	Cold and hot water, water with max. 50% volume of glycol	
Temp. of medium	-5...+100°C	
Rated pressure	1600kPa	
Leakage rate	0...0.01% Kvs (ANSI Class IV) (No leakage when ex-factory)	
Pipe connector	Flanged ISO 7005-2	
Differential pressure ΔP_{max}	DN65...125	350kPa (200kPa for low-noise operation)
	DN150	250kPa
Close-off pressure ΔP_s	DN65...125	700kPa
	DN150	400kPa
Angle of rotation	90°	
Installation position	Upright to horizontal (in relation to the stem)	
Maintenance	Maintenance-free	
Valve Material		
Body	GG25, Polyester coated	
Ball	Stainless steel	
Seat	DN65...125 RPTFE	
	DN150 TFM1600	
Shaft	Stainless steel	
O-ring	EPDM	

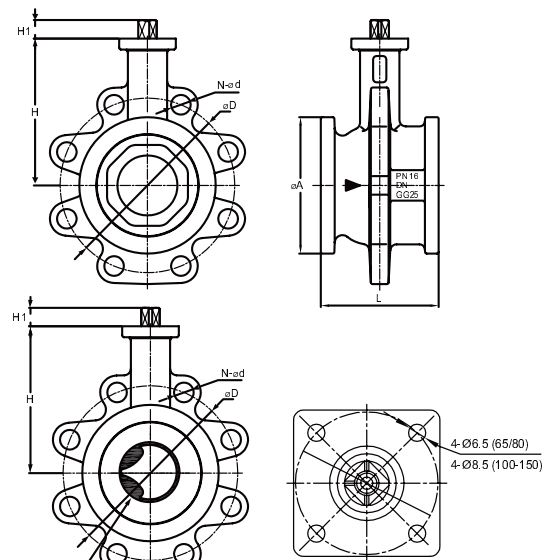
Product features

Mode of Operation The Open/Close Ball Valve is operated by a Rotary Actuator. The Rotary Actuator is controlled by an Open/Close signal.

Dimensions [mm]

Dimensional drawings

Valve type	DN		Dimensions [mm]						Weight [kg]
	mm	In	$\varnothing A$	$\varnothing D$	H	H1	L	N- $\varnothing d$	
R664AO/R665AO	65	2½"	105	145	128.0	12.0	93.0	4-18	4.8
R679AO/R680AO	80	3"	125	160	134.5	12.0	108.0	8-18	7.2
R6099AO/R6100AO	100	4"	148	180	144.0	15.5	120.0	8-18	10.5
R6124AO/R6125AO	125	5"	174	210	158.0	15.5	142.0	8-18	14
R6149AO/R6150AO	150	6"	204	240	176.5	15.5	170.0	8-22	21



Disc for Characterised Control Valve