



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

#### Applications

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



#### Type overview

Type	kvs [ m³/h]	DN [ ]	PN [ ]
R665AO	120	65	16
R680AO	180	80	16
R6100AO	230	100	16
R6125AO	390	125	16
R6150AO	570	150	16

#### Technical data

Flow medium	Cold and warm water, water with max. 50% volume of glycol		
Temp. of medium	-5...+100°C		
Rated pressure	1600kPa		
Leakage rate	Leakage Rate A, Tight (EN12266-1)		
Pipe connector	Flanged ISO 7005-2		
Differential pressure $\Delta P_{max}$	DN65...125	350kPa (200kPa for low-noise operation)	
	DN150	250kPa	
Close-off pressure $\Delta P_s$	DN65...125	700kPa	
	DN150	400kPa	
Angle of rotation	90°		
Installation position	Upright to horizontal (in relation to the stem)		
Maintenance	Maintenance-free		
<b>Valve Material</b>			
Body	GG25, Polyester coated		
Ball	Stainless steel		
Seat	DN65...125 RPTFE		
	DN150 TFM1600		
Shaft	Stainless steel		
O-ring	EPDM		

#### Safety notes



- The valve has been designed for use in stationary heating, ventilation and air-conditioning systems and is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied during installation.
- The valve does not contain any parts that can be replaced or repaired by the user.
- The valve may not be disposed of as household refuse. All locally valid regulations and requirements must be observed.
- When determining the flow rate characteristic of controlled devices, the recognised directives must be observed.

Product features

**Mode of Operation** The open/close ball valve is adjusted by a rotary actuator. The rotary actuator is connected by an open/close signal. Open the ball valve counterclockwise and close it clockwise.

Dimensions [mm]

R6..AO 2-way Ball Valve

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

