

# Regulus

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VZK M 2xx

Installation and Operation Manual  
**TWO-WAY ZONE BALL VALVE VZK M 2xx**

**EN**

**VZK M 2xx**

# 1. CONTENTS

A two-way zone valve with manual control, suitable for use in heating and solar thermal systems. The direction of fluid flow is indicated by the groove on the spindle. Fluid can flow in either direction through the valve.

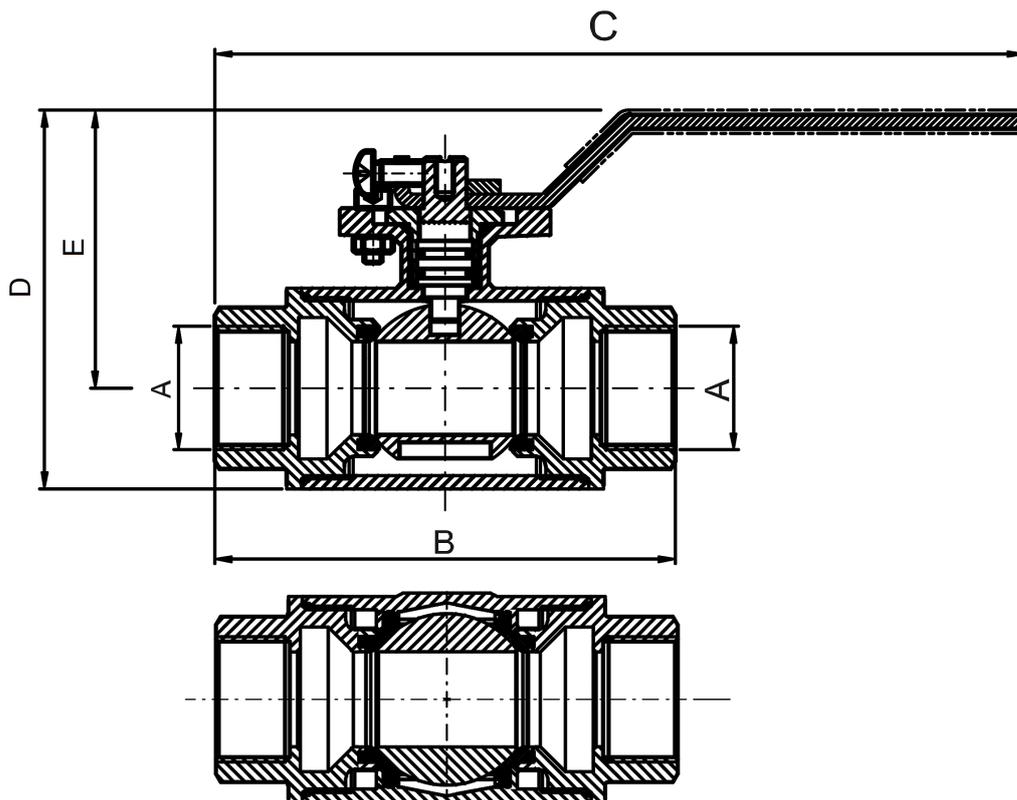
### Main Features:

Description	Two-way shut-off ball valve w. manual control
Working fluid	Water, water/glycol (max. 1:1), water/glycerine (max. 2:1)
Installation	Any position except for the position with the lever downwards

# 2. TECHNICAL DATA

Marking	Code	Nominal diameter DN	Connecting thread	Kvs	Weight	Connecting thread A	B	C	D	E
	-	-	-	m <sup>3</sup> /h	kg	-	mm	mm	mm	mm
VZK M 220 1/2F	20018	20	2 x G 1/2" F	8.9	0.7	2 x G 1/2" F	96	170	81	55
VZK M 220 3/4F	20021	20	2 x G 3/4" F	18.7	0.7	2 x G 3/4" F	96	170	81	55
VZK M 220 1F	20016	20	2 x G 1" F	20	0.7	2 x G 1" F	96	170	81	55
VZK M 225 1F	20023	25	2 x G 1" F	31.6	1	2 x G 1" F	104	174	90	64
VZK M 225 5/4F	20020	25	2 x G 5/4" F	34.3	1	2 x G 5/4" F	104	174	90	64

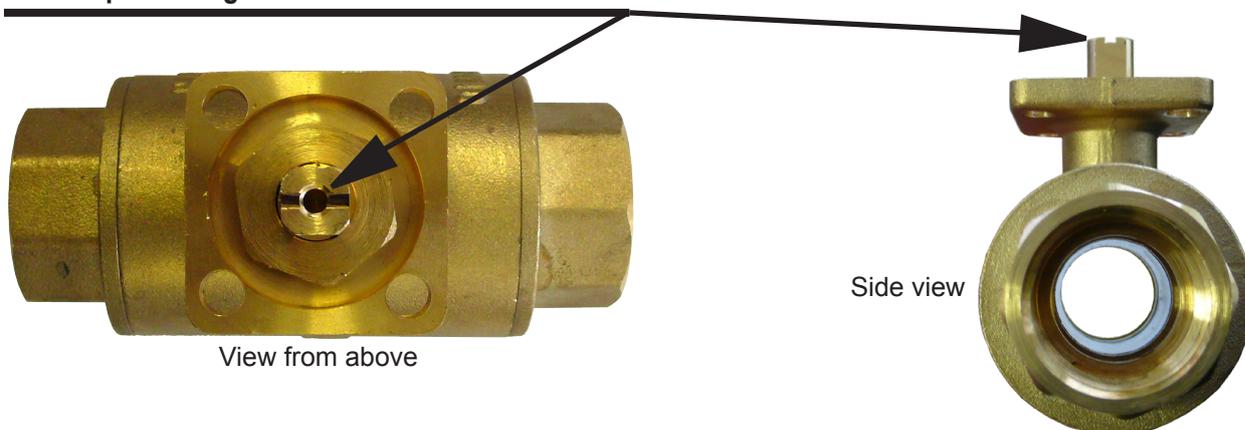
### Dimensions:



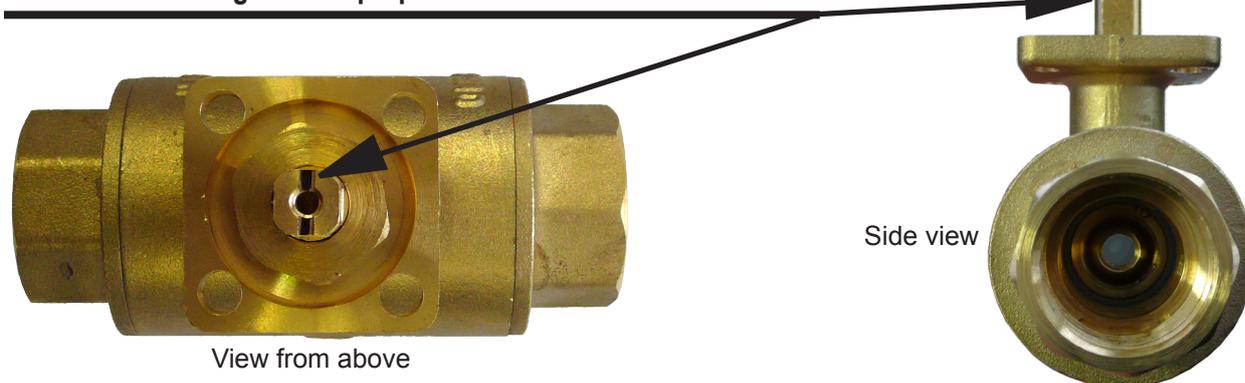
## Installation, operation:

- Fluid can flow in either direction through the valve.
- Valve position is indicated by the groove on the valve spindle.
- The valve lever handle can be repositioned by 90 deg.
- The valve is fitted with an ISO 5211 flange, permitting connection of and control by an actuator.

Valve open - the groove is in the flow direction



Valve closed - the groove is perpendicular to the flow direction



### Technical Data

Max. working pressure	10 bar
Max. fluid working temperature	110 °C
Angle of rotation	90°
Ambient working temperature	5 to 40 °C
Max. pressure difference	10 bar

### Materials

Valve housing	brass CW617N
Valve spindle	brass CW617N
Valve ball	chrome-plated brass
O – rings	EPDM, FPM
Seal	PTFE

