

VZK R 3-Way Zone Ball Valves with Actuator

Main Features	
Application	heating or solar thermal systems, except for systems with gravity circulation
Working fluid	water, water/glycol mixture (max. 1:1), water/glycerine mixture (max 2:1)
Installation	for permitted installation positions see the pic. below
Control	2-point

Picture

Installation positions

Wiring diagram

Table of Codes		
Code	13603	13604
Model	VZK R 320-230-1P	VZK R 325-230-1P
Connections	3 x G 3/4" F	3 x G 1" F
Kvs	13.1 m³/h	14.3 m³/h
Weight	1.6 kg	1.7 kg

Technical Data	
Max. working pressure	16 bar
Max. fluid working temperature	110 °C
Valve shift time	60 s
Valve opening angle	90°
Ambient working temperature	0° to 40°C
Max. pressure difference	10 bar

Electric Data	
Power supply	230 V 50 Hz
Max. consumption	4 VA
Max. current	17 mA
Torque	5 Nm
IP rating	IP42
Protection class	II
Power cable cross section	3 x 0.5 mm²
Power cable length	2 m

Materials	
Valve housing	CW617N
Valve spindle	nickel-plated brass
Valve ball	chrome-plated brass
O-rings	FPM
Gasket	PTFE
Power cable	PVC

Dimensions

Code	Dimension A
13603	G 3/4" F
13604	G 1" F