



Features and Benefits

- Mixing or diverting applications
- Internal thread connections
- Compact size

Technical Overview

The VR-G range of brass rotary shoe valves are made of a special brass alloy (DZR) allowing use in heating and cooling systems, for both mixing and diverting applications.

Valves are from ½" to 2" with internal threads.

Product Codes

Valves:

VR-G-01	½" BSP, 0.4Kvs
VR-G-02	½" BSP, 0.63Kvs
VR-G-03	½" BSP, 1.0Kvs
VR-G-04	½" BSP, 1.63Kvs
VR-G-05	½" BSP, 2.5Kvs
VR-G-06	½" BSP, 4.0Kvs
VR-G-07	¾" BSP, 2.5Kvs
VR-G-08	¾" BSP, 4.0Kvs
VR-G-09	¾" BSP, 6.3Kvs
VR-G-10	1" BSP, 6.3Kvs
VR-G-11	1" BSP, 10Kvs
VR-G-12	1½" BSP, 16Kvs
VR-G-13	1½" BSP, 25Kvs
VR-G-14	2" BSP, 40Kvs

Linkage:

VR-G-LKN-1	Linkage kit for use with VA-05 actuator types
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Specification

Flow type	Mixing / diverting
Fluid temperature	-10 to 110°C
Rangeability	100:1
Leak rate:	
Mixing	<0.05% of flow
Diverting	<0.02% of flow
Nominal pressure	PN10
Max. diff. pressure	100kPa
Required torque	5Nm
Materials:	
Body	Brass DZR, CW 602N
Shaft & bushing	PPS
O-rings	EPDM
Country of origin	Sweden

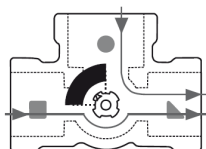
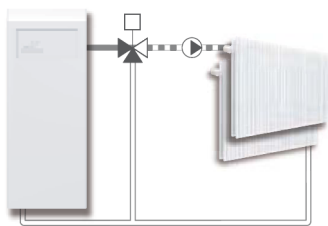
WEEE Directive:



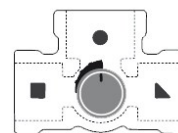
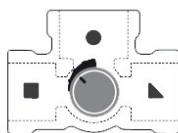
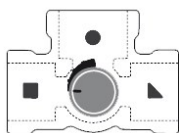
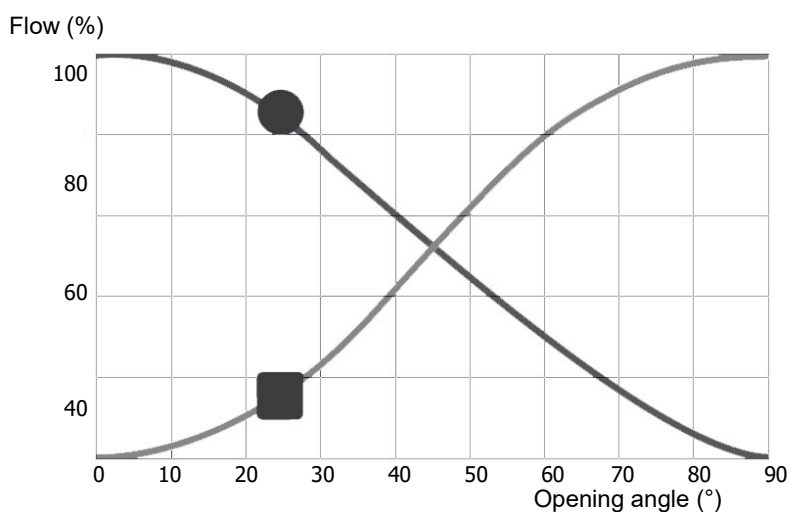
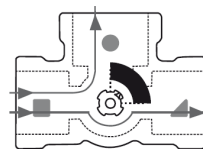
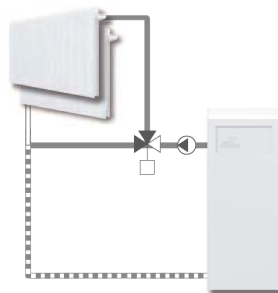
At the end of the products useful life please dispose as per the local regulations. Do not dispose of with normal household waste. Do not burn.

Installation Examples & Valve Characteristics

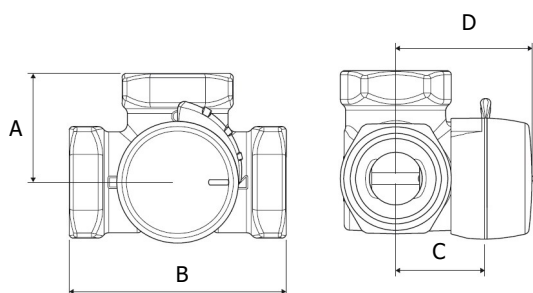
Mixing:



Diverting:



Dimensions



Part code	Size (mm)	Kvs	Dimensions (mm)				Weight (kg)
			A	B	C	D	
VR-G-01	Rp ½"	0.4	36	72	32	50	0.4
VR-G-02	Rp ½"	0.63	36	72	32	50	0.4
VR-G-03	Rp ½"	1	36	72	32	50	0.4
VR-G-04	Rp ½"	1.63	36	72	32	50	0.4
VR-G-05	Rp ½"	2.5	36	72	32	50	0.4
VR-G-06	Rp ½"	4	36	72	32	50	0.4
VR-G-07	Rp ¾"	2.5	36	72	32	50	0.43
VR-G-08	Rp ¾"	4	36	72	32	50	0.43
VR-G-09	Rp ¾"	6.3	36	72	32	50	0.43
VR-G-10	Rp 1"	6.3	41	2	34	52	0.7
VR-G-11	Rp 1"	10	41	82	34	52	0.7
VR-G-12	Rp 1¼"	16	47	94	37	55	0.95
VR-G-13	RP 1½"	25	53	106	44	60	1.68
VR-G-14	RP 2"	40	60	120	46	64	2.05