



3 Port Rotary Valves VR-S**

Description:

VR-S Valves are 3-way valves suitable for mixing or diverting operation. The valves are made of high-performing brass allowing use in heating and cooling installations. The VR-S series is available in DN15-50 and comes with different types of connections to suit most pipe dimensions.



Features:

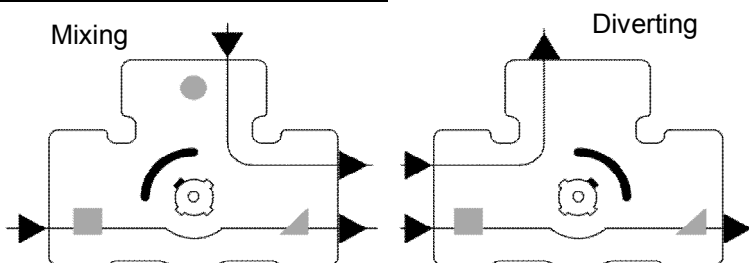
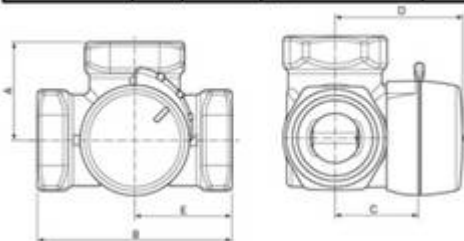
- Superb regulation for highest performance.
- Lowest internal leakage on the market (<0,05%).
- Compact, flexible and easy to install.
- Long lasting and high durability.

Technical Specification:

Pressure Class:	PN10
Torque (at nominal pressure):	DN15-32: <3 Nm DN40-50: <5 Nm
Working pressure:	10 bar
Close off pressure:	2 bar
Connections:	BSP
Media temperature:	max. (continuously): +110 °C max. (temporarily): +130 °C min.: -10 °C
Leak rate in % of flow:	Mixing: <0.05 % Diverting: <0.02 %
Max. differential pressure drop:	Mixing: 1 bar Diverting: 2 bar
Rangeability Kv/Kv min, A-AB:	100
Material:	Valve body: Dezincification resistant brass, DZR Slide: Abrasion resistant brass Shaft and bushing: PPS composite O-rings: EPDM

Dimensions:

Part No.	DN	Kvs*	Connection	A mm	B mm	C mm	D mm	E mm	Wgt kg
VR-S20	20	6.3	Rp 3/4"	36	72	32	50	36	0.43
VR-S25	25	10	Rp 1"	41	82	34	52	41	0.7
VR-S32	32	16	Rp 1 1/4"	47	94	37	55	47	0.95
VR-S40	40	25	Rp 1 1/2"	53	106	44	62	53	1.68
VR-S50	50	40	Rp 2"	60	120	46	64	60	2.3



The flat-sided spindle top points towards the sleeve position

Order Codes:

VR-S20	20mm 3 port screwed rotary shoe valve
VR-S25	25mm 3 port screwed rotary shoe valve
VR-S32	32mm 3 port screwed rotary shoe valve
VR-S40	40mm 3 port screwed rotary shoe valve
VR-S50	50mm 3 port screwed rotary shoe valve

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