

Shoe Valves and Actuators

Shoe valves are designed to be used in both mixing and diverting circuits.

Typical applications include heating, cooling and air conditioning.

VTRE

The VTRE is a 3-way flanged rotary hydronic shoe valve.

The valve is delivered with a handle for manual operation.



Specification

Valve type	3 way rotary shoe
Flow characteristic	Modified linear
Operating angle	90°
Pressure class	PN 6
Water temperature	
Max.	110°C
Min.	-10°C
Max glycol concentration	50%
Max pressure drop	50 kPa
Leakage	Max. 1% of Kvs

Materials

Body	Cast iron
Sleeve	Brass
Connections	Flanged DIN 2531

VTRE			Max Close-off Pressure kPa	
			Mixing Application	Diverting Application
Part number	DN	Kvs	EM9, M9	EM9, M9B
			15Nm	
731 7039 000	20	12	50	
731 7041 000	25	18		
731 7045 000	32	28		
731 7049 000	40	44		
731 7053 000	50	60		
731 7057 000	65	90		
731 7061 000	80	150		
731 7065 000	100	225		
731 7067 000	125	280		
731 7069 000	150	400		