

# Balancing valves

## Differential Pressure Balancing Valves

### Flanged ends Ductile Iron PN16/PN25

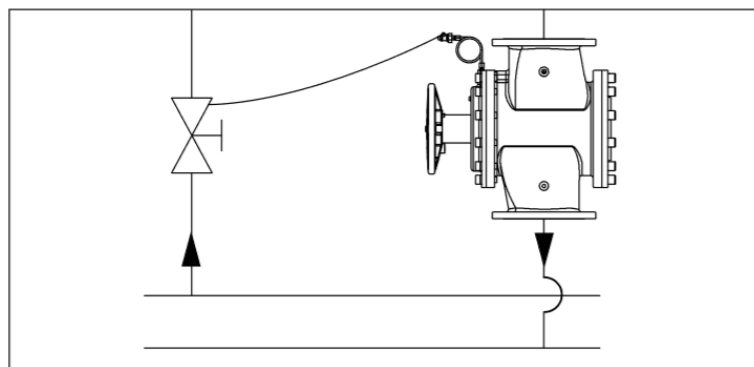
REEP brand RMU015 model Differential Pressure Balancing Valves, pressure rating PN 16/25, Precision balancing valves are proportional regulators working without auxiliary energy and are designed to maintain a constant differential pressure within a necessary proportional band. With the differential pressure in the installation increasing, the valve disc closes down and opens as the differential pressure falls. The excess differential pressure is reduced by the differential pressure regulator, until the set differential pressure in the riser is reached. Infinitely adjustable nominal value between 50 and 100KPa or between 40 and 180 KPa. Application is central heating and cooling systems.

#### Material Specification

Component	Material	EN and/or (DIN)	
Body and bonnet	DI	400-15(GGG40)	
Disc	St.St		
Sealing	EPDM		
Stem	St.St		
Handwheel	PA		
Test points	Brass		

#### Pressure and temperature range

Size	water	
DN40 thru DN250	25 bar – 120 °C	



#### Dimensions

DN	PN	L	Kvs	Adjustable Pressure Range [KPa]
[mm]		[mm]		
40	25	200	15	30-100
50	25	230	34	30-100
65	25	290	52	40-180
80	25	310	75	40-180
100	25	350	110	40-180
125	25	400	145	40-180
150	25	480	170	40-180
200	25	600	320	40-180
250	25	730	150	40-180

# REEP



• Fig. RMU015

- DN 40 -250
- Pressure rating PN 16/25
- Max. 120 °C
- simple assembly and operation
- low pressure loss
- Infinitely adjustable presetting
- Trim material St.St

