

# Balancing valves

## Static Double Regulating Valve Thread ends

### Brass PN25

REEP brand RMU001 model BS7350 Static Double Regulating valve, pressure rating PN 25, Precision balancing valves for hydronic systems. Calibrated balancing valves use a multi-turn hand wheel to provide precise flow measurement. REEP hand wheels have a minimum rotation of seven turns to enable fine adjustment of the flow setting. The hand wheel has an integrated hidden memory stop to enable the valve to be shut-off without losing the balance position. The valve's setting can also be locked in place with a lead sealing wire to prevent tampering. The RMU001 is constructed with dezincification-resistant brass trim. EPDM seals and a PTFE valve seat maximize performance over the life of the valve.

#### Material Specification

Component	Material	EN and/or (BS)	
Body and bonnet	Brass		
Disc and stem	Brass		
Sealing	PTFE		
Handwheel	ABS		
Test points	Brass		

#### Pressure and temperature range

Size	water	
DN15 thru DN50	25 bar – 120 °C	

#### Ordering information

Ordering code	DN [mm]	Pressure rating	Connecting	Type
RMU001A	15 - 50	PN 25	BSPT	HW OP
RMU001B	15 - 50	PN 25	NPT	HW OP
RMU001X	SPECIFIC CUSTOM MADE			

#### Dimensions

DN	PN	L	H	Kvs
[mm]		[mm]		
15	25	80	114	3.88
20	25	84	116	5.71
25	25	97.5	119	8.89
32	25	110	136	19.45
40	25	120	138	27.51
50	25	150	148	38.78

#### Flow coefficient value

Turn	DN15	DN20	DN25	DN32	DN40	DN50
1	0.46	0.72	1.53	2.10	4.15	5.08
2	0.72	1.14	2.57	4.10	7.34	9.20
3	1.34	1.60	3.68	6.00	10.03	14.25
4	2.05	2.58	5.20	7.65	12.35	18.50
5	2.70	3.65	6.75	9.68	15.30	22.90
6	3.40	4.89	7.90	11.70	19.50	26.10
7	3.88	5.72	8.90	13.95	22.45	29.45
8				16.15	24.85	32.75
9				18.20	26.10	36.65
10				19.50	27.50	38.50

# REEP



• Fig. RMU001

- DN 15 -50
- Pressure rating PN 25
- Max. 120 °C
- Face To Face BS7350
- simple assembly and operation
- low pressure loss
- Infinitely adjustable presetting

