

Balancing valves

Static Double Regulating Valve Flanged ends

Ductile Iron PN16/PN25

REEP brand RMU005 model BS7350 Static Double Regulating valve, pressure rating PN 16/25, Precision balancing valves for hydronic systems. Calibrated balancing valves use a multi-turn hand wheel to provide precise flow measurement. 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. RMU005 is installed in the pipework of hot water central heating systems and cooling systems and serve to achieve a hydronic balance between the various circuits of the system, may be installed in either the supply or the return pipe.

Material Specification

Component	Material	EN and/or (DIN)
Body and bonnet	DI	400-15(GGG40)
Disc	DI	400-15(GGG40)
Sealing	EPDM	
Handwheel(DN40-DN250)	NYLON	
Handwheel(DN300-DN500)	AL	
Test points	Brass	

Pressure and temperature range

Size	water
DN40 thru DN500	16 bar – 120 °C
DN40 thru DN400	25 bar – 120 °C

Dimensions

DN	PN	L	H	Kvs
[mm]		[mm]		
40	25	200	136	32
50	25	230	152	54
65	25	290	180	94
80	25	310	200	137
100	25	350	220	211
125	25	400	308	330
150	25	480	322	408
200	25	600	420	759
250	25	730	460	1162
300	25	850	600	1703
350	25	980	614	2250
400	25	1100	642	2804
450	16	1200	675	3750
500	16	1250	713	4210

Flow coefficient value

Turn	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400
1	13	14	17	24	30	61	93	77	58	79
2	31	28	38	40	50	114	177	180	94	135
3	48	42	57	64	70	158	247	244	167	209
4	59	62	76	89	93	194	295	309	237	292
5	68	82	99	116	122	228	345	353	322	387
6	76	103	132	166	149	295	480	408	421	490
7	82	119	167	206	182	375	599	566	557	595
8	87	127	190	243	223	452	705	742	704	734
9	94	137	211	272	288	526	809	867	871	911
10				307	326	589	916	1002	1175	1153
11				330	372	651	1050	1146	1396	1407
12					408	760	1160	1290	1697	1779
13								1408	1917	2056
14								1514	2012	2377
15								1619	2118	2601
16								1703	2211	2671
17									2298	2764
18									2372	2876
19									2450	2946
20										3011

Please consult us for other sizes.

REEP



• Fig. RMU005

- DN 40 -500
- Pressure rating PN 16/25
- Max. 120 °C
- Face To Face BS7350
- simple assembly and operation
- low pressure loss
- Infinitely adjustable presetting

