

EXPERIMENTS TO DETERMINE THE INFLUENCE OF COMPRESSION. 9

TABLE VII.

CALCULATION OF EQUIVALENT SCALE OF INDICATOR SPRING CORRECTED FOR ALL VARIATIONS IN THE LOT SCALE OF THE SPRING. ORDINARY VALVE. SAME WORK AS FOR SPECIAL VALVE.

Division of card.	Area.	Mean Height.	Corresponding scale.	Area \times scale.	Division of card.	Area.	Mean Height.	Corresponding scale.	Area \times scale.
A1	0.35	1.10	58.6	20.51	B1	0.30	0.62	58.3	11.66
A2	0.31	0.97	58.7	18.30	B2	0.10	0.31	56.8	5.68
A3	0.21	0.65	58.8	12.35	B3	0.05	0.16	56.8	2.84
A4	0.16	0.50	57.3	9.17	B4	0.005	0.02	56.8	0.28
A5	0.12	0.37	56.8	6.82	B5	0.00	0.00	56.8	0.00
A6	0.09	0.28	56.8	5.11	B6	0.00	0.00	56.8	0.00
A7	0.07	0.21	56.8	3.98	B7	0.00	0.00	56.8	0.00
A8	0.04	0.12	56.8	2.27	B8	0.00	0.00	56.8	0.00
A9	0.004	0.01	56.8	0.23	B9	0.00	0.00	56.8	0.00
A10	0.00	0.00	00.0	0.00	B10	0.00	0.00	56.8	0.00
Totals...	1.354	78.64	Totals...	0.355	20.46

$$\text{Equivalent scale} = (78.64 - 20.46) \div (1.354 - 0.255) = 58.2$$