

Medium Width Motorized Translation Stages

8MT175

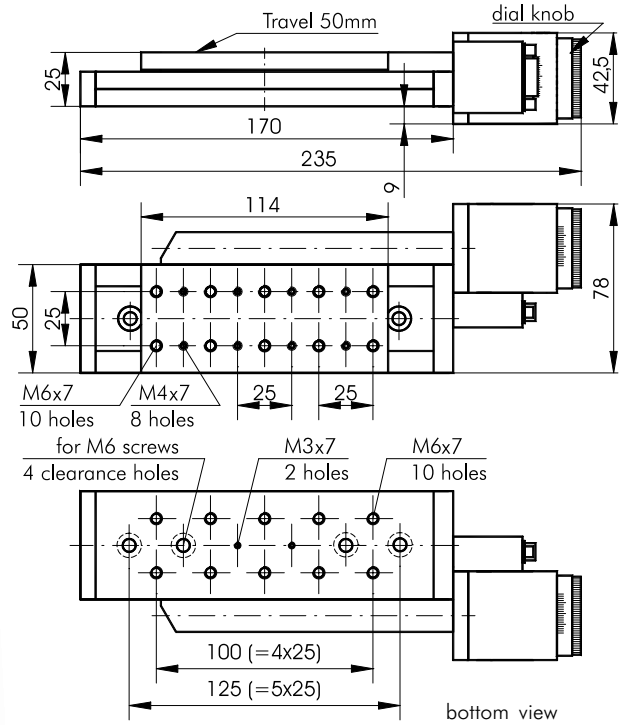
- High guide way accuracy
- Resolution 0.31 μm (1/8 step)
- Travel 50, 100, 150, 200 mm
- X-Y-Z configurations available
- Narrow (50 mm)
- Compact design



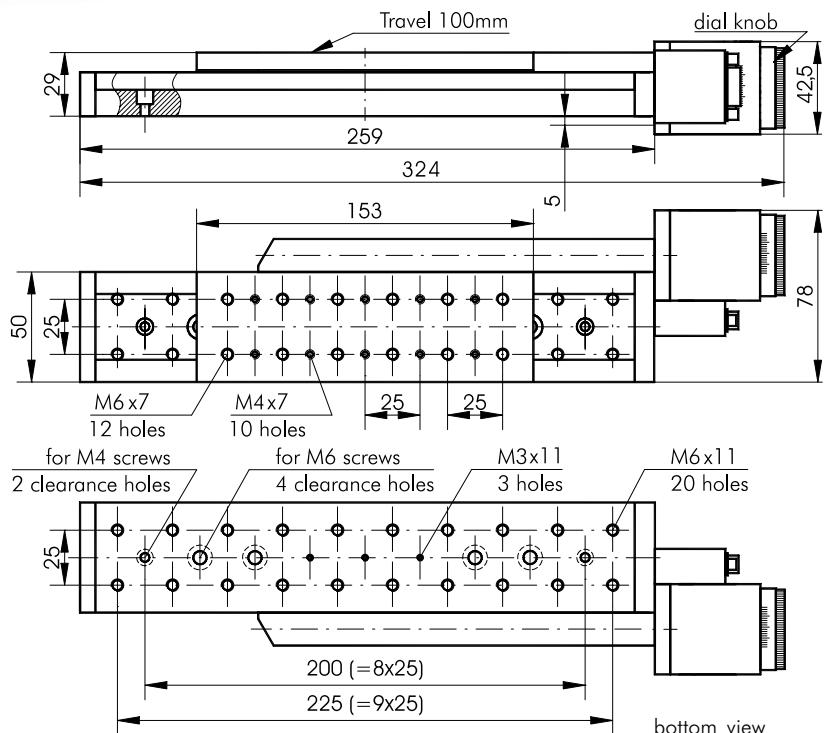
8MT175-50



8MT175-150



8MT175-50



8MT175-100

***Test condition:**

- Stepper motor: 2 phase bipolar wiring; phase resistance 3.2 Ω ; 200 steps per revolution; step angle – 1.8°; current – 1.2A;
- STANDA controllers;
- 36V.

Motors of other types are available.

SPECIFICATIONS	8MT175-50	8MT175-100	8MT175-150	8MT175-200
Travel range, mm	50	100	150	200
Lead screw pitch, mm	0.5	0.5	0.5	0.5
Resolution in full step*, μm	2.5	2.5	2.5	2.5
Max. speed*, mm/s	10	10	10	10
Load capacity				
Horizontal, kg	8	8	8	8
Vertical, kg	3	3	3	3
Weight, kg	1	1.5	1.5	1.6

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