

An Experimental Study on the Dynamic Characteristics of the Sliding Porous Air Bearing

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1.

가
가 가

가

가

Fig. 2 (granite)
가 2500mm
(strike)
가 30kg (type1) 30kg
가(type2) 8 40mm 2
(linear motor) 가

3.

, 10kg

2.

(air gap) 가

가

가
50 mm/s,
100 mm/s, 150 mm/s, 200 mm/s, 300 mm/s, 400 mm/s

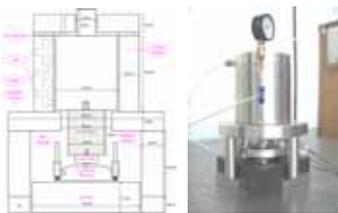


Fig. 1 Experimental setup 1



Fig. 2 Experimental setup 2

Fig. 1

가

4.

4.1

3

가

Fig.
1/3

(5)

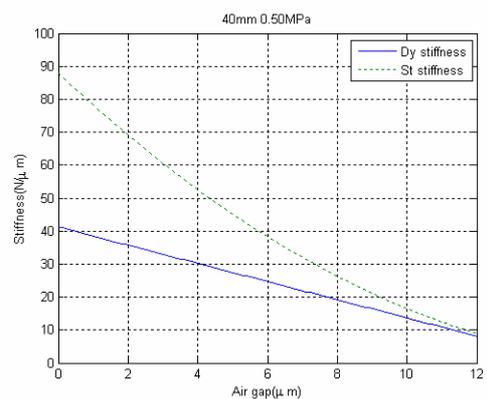


Fig. 3 Comparison with dynamic and static stiffness

