

## IRBN-VC series biaxial vacuum sports platform

Shaft system	Test item	Test results
X-axis (bottom axis)	Itinerary, mm	100
	Positioning accuracy after compensation, $\mu\text{m}$	$\pm 0.074$
	Two-way repeat positioning accuracy, $\mu\text{m}$	$\pm 0.065$
	flatness, $\mu\text{m}$	$\pm 0.45$
	Straightness, $\mu\text{m}$	$\pm 0.25$
	Pitcharc, sec	$\pm 3.45$
	Yawarc, sec	$\pm 1.1$
	Working speed, mm/s	100
Y axis, (upper axis)	itinerary, mm	100
	Positioning accuracy after compensation, $\mu\text{m}$	$\pm 0.067$
	Two-way repeat positioning accuracy, $\mu\text{m}$	$\pm 0.055$
	flatness, $\mu\text{m}$	$\pm 0.1$
	straightness, $\mu\text{m}$	$\pm 0.1$
	Pitcharc, sec	$\pm 1.05$
	Yawarc, sec	$\pm 0.45$
	Working speed, mm/s	100
Load	XY, kg	15