

Subject	Specification sheet eMove eM6-400-1000 system		
Issue	1		
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## System performance eMove eM6-400-1000

	Excursions					Velocity		Acceleration	
	single dof		non-single dof						
Surge	-0.3	0.3	-0.37	0.36	m	0.6	m/s	8	m/s <sup>2</sup>
Sway	-0.3	0.3	-0.38	0.38	m	0.6	m/s	8	m/s <sup>2</sup>
Heave	-0.26	0.26	-0.26	0.26	m	0.5	m/s	9	m/s <sup>2</sup>
Roll	-19	19	-23	23	deg	40	deg/s	500	deg/s <sup>2</sup>
Pitch	-20	21	-23	26	deg	40	deg/s	500	deg/s <sup>2</sup>
Yaw	-20	20	-22	22	deg	40	deg/s	700	deg/s <sup>2</sup>

## Payload specification

Gross moving load		1000 kg
CoG height above MPC*		600 mm
Moments of Inertia	lxx	500 kg m <sup>2</sup>
	lyy	500 kg m <sup>2</sup>
	lzz	500 kg m <sup>2</sup>
Performance Reference Point (with respect to MPC)	X	90 mm
	Y	0 mm
	Z	0 mm

\* CoG: Center of Gravity - MPC: Moving Platform Centroid