

Subject	Specification sheet eMove eM6-300-1800 system		
Issue	1		
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## System performance eMove eM6-300-1800

	Excursions					Velocity		Acceleration	
	single dof		non-single dof						
Surge	-0.22	0.25	-0.28	0.28	m	0.8	m/s	7	m/s <sup>2</sup>
Sway	-0.22	0.22	-0.29	0.29	m	0.8	m/s	7	m/s <sup>2</sup>
Heave	-0.19	0.19	-0.19	0.19	m	0.6	m/s	10	m/s <sup>2</sup>
Roll	-14.1	14.1	-17.3	17.3	deg	40	deg/s	250	deg/s <sup>2</sup>
Pitch	-14.5	15.4	-16.6	18.6	deg	40	deg/s	250	deg/s <sup>2</sup>
Yaw	-14.8	14.8	-16.2	16.2	deg	45	deg/s	500	deg/s <sup>2</sup>

## Payload specification

Gross moving load		1800 kg
CoG height above MPC*		1000 mm
Moments of Inertia	lxx	2000 kg m <sup>2</sup>
	lyy	2000 kg m <sup>2</sup>
	lzz	2000 kg m <sup>2</sup>
Performance Reference Point (with respect to MPC)	X	75 mm
	Y	0 mm
	Z	0 mm

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