

Specifications

Angular stabilization ranges:	-Arbitrary horizontal axis	$\geq \pm 5$ deg
	-Pitch-----at 0 deg Roll	$\geq \pm 8.4$ deg
	-Roll-----at 0 deg Pitch	$\geq \pm 6.2$ deg
	-Yaw (Drift)-----	$\geq \pm 25$ deg
Compensable angular rates		15 deg/sec typical (≥ 10 deg/sec at -25° C)
Degree of stabilization of the horizontal axes (Angular rate of base plate ± 10 deg/sec at 0.5 Hz)		$\geq 50:1$ (rms:rms)
Residual angular rate of the horizontal axes (Angular rate of the base plate ± 10 deg/sec at 0.5 Hz)		≤ 0.2 deg/sec rms
Compensable angular acceleration		
	- at a residual angular rate of ≤ 0.3 deg/sec rms	≥ 110 deg/s ²
	- at a residual angular rate of ≤ 1.0 deg/sec rms	≥ 300 deg/s ²
Deviation from perpendicular in <i>Auto Leveling Mode</i>		
	- Duration of <u>one-sided</u> lateral acceleration ≤ 5 sec	0.2 deg typical
	- In case of very strong turbulence	0.8 deg maximum
Payload		20... 120 kg
Clear diameter of mounting ring		410 mm
Operational voltage		28 VDC (21... 30 VDC)
Power consumption		90 W typical, 300 W max
Main fuse		15 Amps circuit breaker
Operating temperature		-25° C... $+40^{\circ}$ C
Storage temperature		-50° C... $+70^{\circ}$ C
Hydraulic Oil		AeroShell Fluid 41
Weight		Approx. 35 kg
Dimensions		Length Width Height
(Horizontal position, hydraulic system at operational elevation)		614 617 183
		Mm Mm mm