

- Proven and robust silicon MEMS vibrating ring gyro
- High shock and vibration rejection
- Class-leading bias and noise over temperature
- Low noise – high resolution



- Automotive in-car navigation
- GPS vehicle and personal navigation aiding
- Vehicle yaw, pitch and roll rate sensing
- Antenna stabilisation
- Motion control

## Uniaxial Gyroscopes

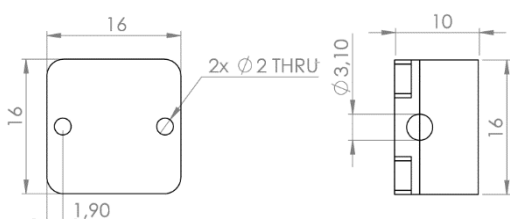
		DYN-G-6075	DYN-G-6150	DYN-G-6300	DYN-G-6900
Full-scale angular velocity	(°/s)	± 75	± 150	± 300	± 900
Frequency range	(Hz)	0-150	0-150	0-150	0-150
Non-linearity (full scale)	(%)	0.06	0.06	0.06	0.06
Noise (in band)	(°/s/√Hz)	0.018	0.018	0.018	0.018
Scale factor (nominal)	(V/°/s)	0.012	0.006	0.003	0.001
Scale factor var. over temp.	(%)	0.5	0.5	0.5	0.5
Bias variation with temp.	(°/s)	± 1	± 2	± 3	± 4
Shock survivability	(g)	10,000	10,000	10,000	10,000

## Triaxial Gyroscopes

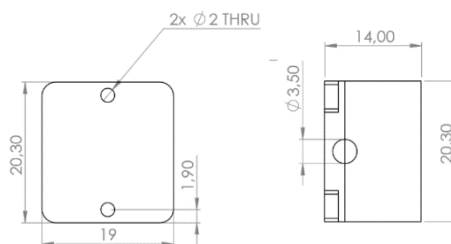
		DYN-G-7075	DYN-G-7150	DYN-G-7300	DYN-G-7900
Full-scale angular velocity	(°/s)	± 75	± 150	± 300	± 900
Frequency range	(Hz)	0-150	0-150	0-150	0-150
Non-linearity (full scale)	(%)	0.06	0.06	0.06	0.06
Noise (in band)	(°/s/√Hz)	0.018	0.018	0.018	0.018
Scale factor (nominal)	(V/°/s)	0.012	0.006	0.003	0.001
Scale factor var. over temp.	(%)	0.5	0.5	0.5	0.5
Bias variation with temp.	(°/s)	± 1	± 2	± 3	± 4
Shock survivability	(g)	10,000	10,000	10,000	10,000

Weight 6000 series: 7 g (aluminum), 17 g (steel) Weight 7000 series: 12 (aluminum), 29 (steel)

### 6000 Series Technical Drawing



### 7000 Series Technical Drawing



- Custom Cable Length
- Custom Housing Material
- Custom Connector