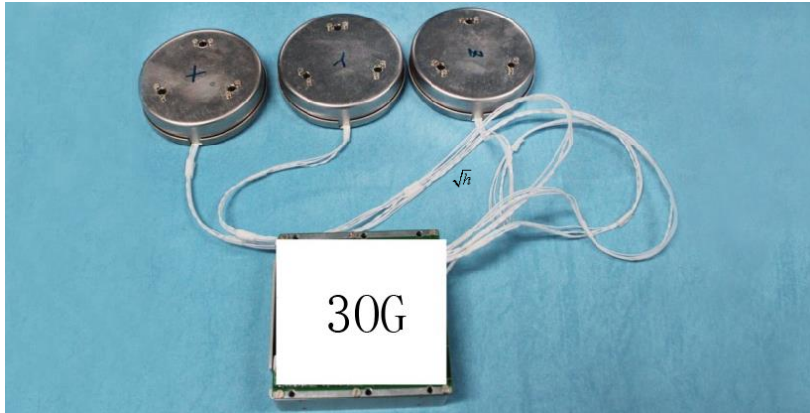
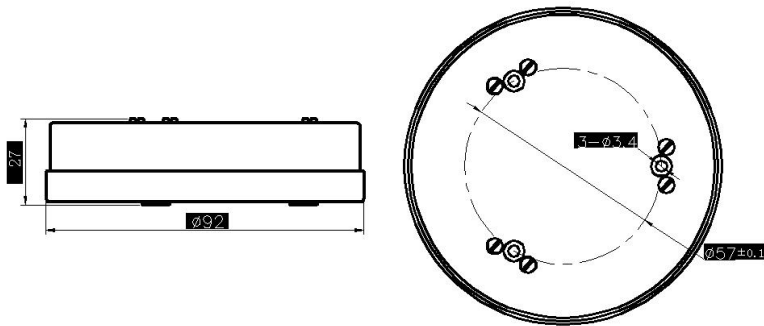


30G Type- Three in one FOG



The 30G consists of body and heads, there are lines between the head and the body, the lines' bending radius is demanded not less than 30mm. The gyros are recommended for using in an enclosed environment, and keep the gyros dried, otherwise, it will do damage to the precision and service life of gyros.



1	Parameter	
2	Range of measured angular rate, deg/sec	± 300
3	Bias drift at fixed temperature, deg/h	0.01
4	Bias drift at temperature range from -40°C to $+60^{\circ}\text{C}$, deg/h	0.02
5	Scale factor repeatability, %	0.001
6	Magnetic sensitivity	$0.03^{\circ}/\text{h}/\text{Gs}$
7	Random walk, deg/	0.001
8	Bandwidth, Hz	100
9	Power consumption, W	7
10	Start up power consumption, W	10 (without power off in first 3 secs)
11	Power supply	$5\text{V}\pm 0.2$
12	Start up time, min	1
13	Operational temperature	-40°C to $+60^{\circ}\text{C}$
14	Dimensions, mm	92×27 (head) $96\times 96\times 33$ (body)
15	Weight(net), kg	1.5
16	Output	RS422/RS485
17	Shock	30g 11msec half sin
18	Vibration	20-2000 Hz 6g RMS