Compasses

GC80 AND GC85 GYRO COMPASS

IMO approved for both standard vessels and high speed craft, the simple and quick installation and set-up, and the fact that there is no annual servicing required, makes Simrad gyro systems the best solution for any 24/7 operator.

KEY FEATURES

- Sophisticated and fully sealed sensitive elements that require no annual servicing, and these are swappable for on board service
- Very low RPM reduces wear and increases lifetime
- No annual oil change required –virtually maintenance free
- High follow-up rate
- Wide range of control unit options provide complete flexibility of system configuration for new installations and easy retrofit into existing repeater systems
- IMO approved for standard (GC80) and High Speed Craft (GC85)

RGC50 COMPACT GYRO COMPASS

The small and compact "all in one" RGC50 gyro compass is designed for smaller vessels and non-IMO applications. A gyro compass eliminates the inconvenience and limitations of magnetic compasses, and provides a variety of outputs to supply accurate and consistent heading information to other navigation equipment.

KEY FEATURES

- Compact unit design for smaller vessels
- Supplies consistent and accurate heading information to a variety of navigation equipment
- Not IMO approved

RC42N RATE COMPASS

The RC42N is an intelligent rate compass which significantly improves the dynamic performance of autopilots and stabilised radar displays. Featuring an integrated turn sensor, the RC42N enhances all auto-steering experiences.

KEY FEATURES

- Magnetic fluxgate sensor
- Solid state rate sensor
- Fully waterproof
- NMEA2000® connectivity




SPECIFICATIONS	RGC50	GC80	GC85	RC42N
Dimensions (LxWxH)		340x340x438 mm (13.4x13.4x17.2 in)	340x340x438 mm (13.4x13.4x17.2 in)	106x72x102 mm (4.2x2.8x4 in)
Weight	15.5 kg (34.2lb)	23 kg (50.7 lb)	23 kg (50.7 lb)	0.9 kg (2 lb)
Type Approval	-	Wheelmark IMO: A.424 (XI), A.694 (17) IEC:60945, 61162 ISO:8728 (1997)	Wheelmark IMO: MSC97 (73), 13.2.6 (2000 HSC code) IEC: 60945, 61162 ISO: 6328 (2001)	-
Setting Time	<4h	<3h	<3h	-
Pitch/Roll Angle	+/- 45 deg	+/- 45 deg	+/- 45 deg	-
Follow-Up rate	>36 deg/sec	>75 deg/sec	>75 deg/sec	-