



Raising the Standard for Seat Recline and Control

The new HG Hydrolok® from Crane Aerospace & Electronics raises the bar for durable and lightweight main cabin seat recline systems. The HG delivers the performance and reliability of a traditional Hydrolok in the lightest weight on the market. Like all Hydroloks, it combines flexible adjustment capability with rigid locking for a high-quality system that requires no maintenance.

Entry into service: Q3 2016

Features

- Extremely lightweight: as low as 0.26 lbs (119 g)
- Best-in-class ultimate load of 4,000 lbf (16,444 N)
- Infinite adjustment capability
- Override safety feature
- Adjustable stroke
- Integral attachment end
- 4130 steel chrome-plated piston
- Proprietary hydraulic seal technology
- Anodized protective finish
- Continuous fluid compensation

Performance Specifications

- Button Force 6-12 lbf (26.7-53.7 N)
- Ultimate Compressive Load...4,500 lbf (20,017 N)
- Ultimate Tensile Load4,000 lbf (17,793 N)
- Operating Load..... 1,000 lbf (4,444 N)
- Speed to Extend.....0.3-0.6 sec/in. of stroke
- Operational Life 250,000 cycles

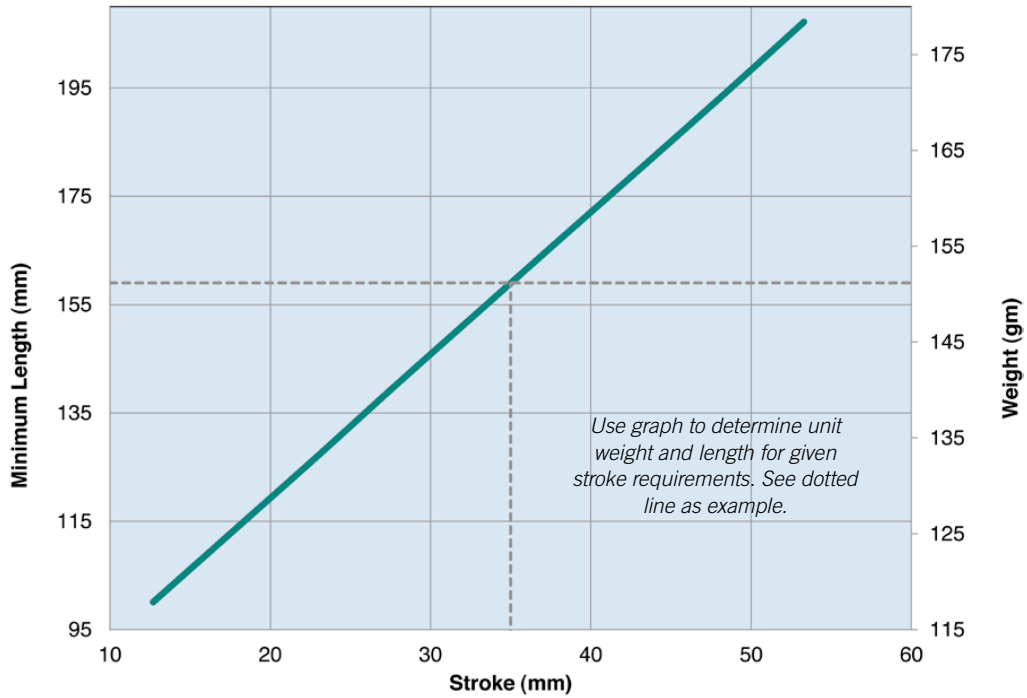
Customizable Options*

- Extend Force..... 40-130 lbf
- Override Force 40-130 lbf
- Stroke 0.5-2.1 in (12.7-53.3 mm)
- Overall Length 0.5-2.1 in (12.7-53.3 mm)
- Mounting Clevice.....Customized to exact specs

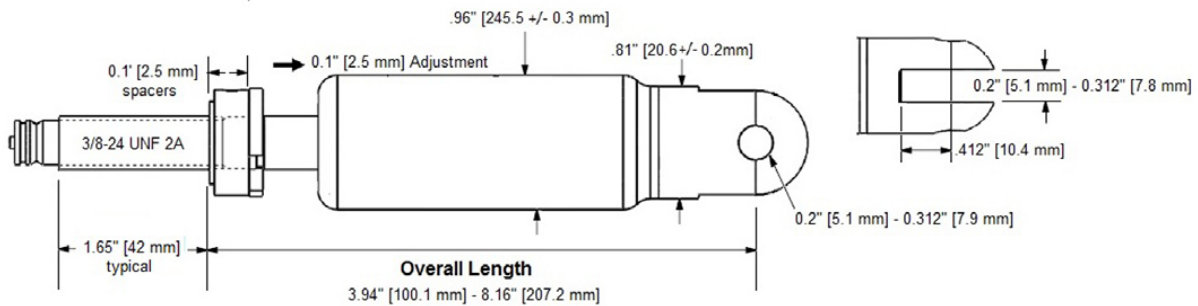
* Graph on reverse



HG Hydrolok Minimum Length and Weight vs. Stroke

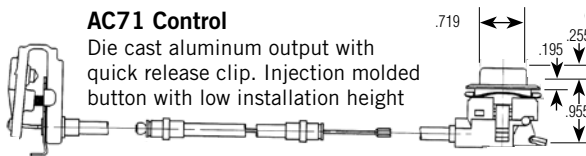


HG Hydrolok Schematic



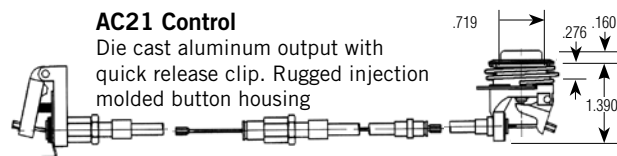
Control Cables

Crane Aerospace & Electronics is the leading provider of control cables for hydraulic and mechanical seat locks. Our control cables are the ideal match for Crane seat recline locks. We offer two types of AC control cables for your seating needs.



AC71 Control

Die cast aluminum output with quick release clip. Injection molded button with low installation height



AC21 Control

Die cast aluminum output with quick release clip. Rugged injection molded button housing

AC Control Standard Features

- Kink-resistant, non-stretch cable
- Spring steel anti-abrasion conduit
- Anodized finish button and bezel
- FAA 14 CFR 25.853 compliant



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