Jasiram





Photo courtesy of Seaspan

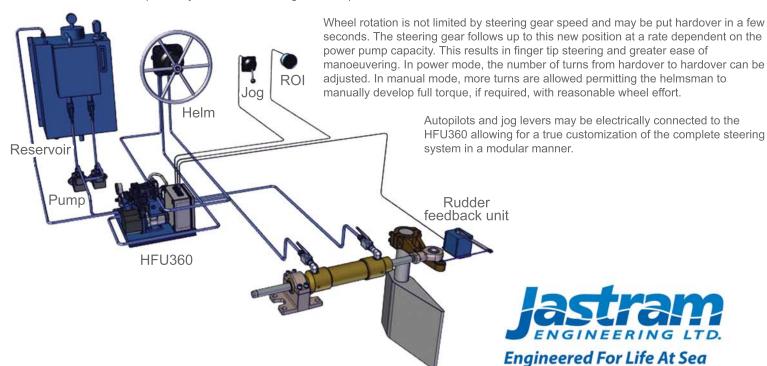
Hydraulic Follow-Up HFU360

The HFU360 is a state-of-the-art electro-hydraulic steering system, providing full follow-up power steering with unmatched smoothness, quietness and accuracy for small to-medium size vessels.

Hydraulic power may be provided by engine-driven or electric motor driven pumpsets. The HFU360 may be controlled by conventional hydraulic helm pumps, by electric jog levers, and / or by an autopilot. The HFU360 does not require any mechanical feedback linkage. It only requires a small and simple electric feedback unit to be attached to the steering tiller.

Should the hydraulic or electric power supply fail a proper manual hydraulic system becomes available automatically instantly connecting the helm pump directly and instantaneously to the main steering cylinders.

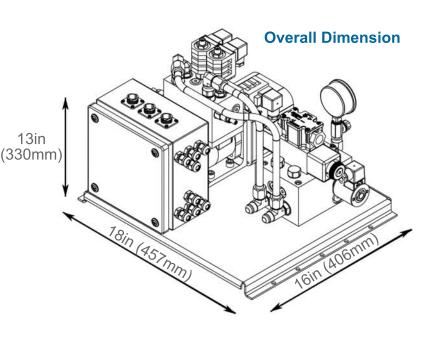
The steering cylinders are protected by a double-acting relief valve built into the HFU360. The HFU360 is isolated at all times from excessive rudder forces. A rudder lockvalve positively holds the rudder against creep.



Descriptions

Features:

- TRUE FOLLOW UP control by means of manual helm pump(s), jog and autopilot
- SLOW-SPEED ACCELERATION AND DECELERATION over first and last five portion of rudder movement for smooth, accurate and silent operation
- TRUE CHANGEOVER to manual steering giving strong and reliable back-up control
- FINGER TIP CONTROL with extreme accuracy
- HYDRAULIC PROTECTION by double reliefs and load-holding valves
- OPTIONAL ELECTRICAL CONTROLS by jog levers or autopilot



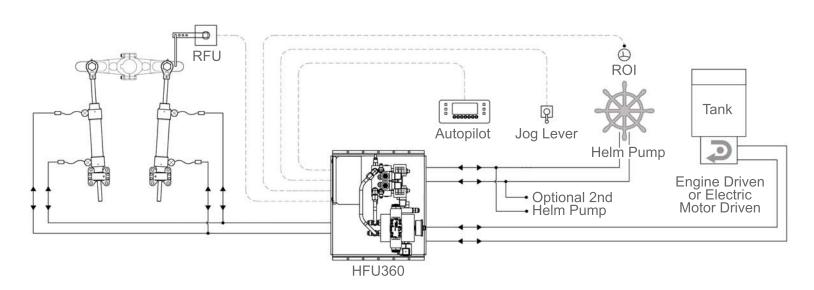
A typical steering system will consist of:

- Steering tiller(s)
- Steering cylinder(s) or T-model Rapson slide actuator(s)
- RFU300 feedback unit(s)
- HFU360
- Hydraulic reservoir
- Engine or motor-driven pump(s)
- Helm pump(s), Jastram H-Model
- Optional jog lever(s), Jastram JOG100
- Rudder order indicator, Jastram ROI

Technical Characteristics:

- Power supply: 24 VDC, 6 amps
- Output flow rate: 8 gpm (max)
- Working pressure:1500 psi (max)
- Steering modes: FFU, NFU, manual helm and/or autopilot
- · Adjustable rudder hardover angle
- · Adjustable helm pump wheel turns
- Weight: 55 lbs (24.9 kg)
- · Uses standard ISO grade 32 hydraulic oil

Consult your Jastram agent, or the factory, for complete system sizing and quotation



Data is subject to change without notice*

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