

HEAVY DUTY INBOARD SYSTEMS

Hynautic

HEAVY DUTY HYDRAULIC STEERING SYSTEMS

For Inboards to 70 ft.

Hynautic has packaged inboard systems to meet most large boat steering needs. When the application warrants it, other cylinders and helms may be substituted to gain more force or fewer turns.

MS 1150 System

This system for most boats to 40 feet combines the K-1 Cylinder with a 20 Series Helm, giving 4.4 turns lock to lock. The basic system includes a helm, cylinder, relief valve, reservoir and fittings for 3/8" copper lines or the equivalent in SAE-100R hydraulic hose.

MS 1175 System

For most pleasure boats to 50 feet and work boats to 40 feet. This system combines the K-2 Cylinder with a 40 Series Helm. The result is 4.4 turns lock to lock. The basic system includes a helm, cylinder, relief valve, reservoir, and fittings for 1/2" copper lines or SAE-100R hydraulic hose equivalent.

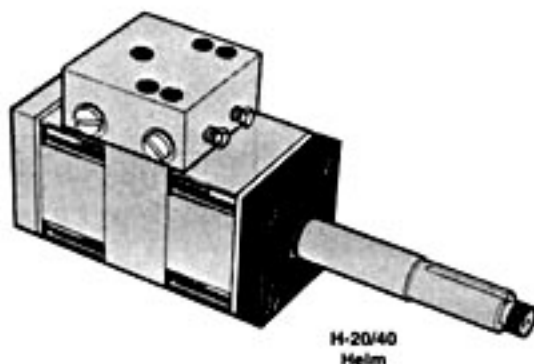
MS 1200 System

For most pleasure boats to 60 feet and work boats to 50 feet. This system uses the K-3 Cylinder and the 40 Series Helm. One configuration results in 5.8 turns, the other 4.2 turns. The basic system includes a helm, cylinder, relief valve, reservoir and fittings for 1/2" copper lines or SAE-100R hydraulic hose equivalent.

System Performance					
System	Turns	Cylinder	Helm	Relief Valve	Torque @ 35°
MS 1150	4.4	K-1	H-21/25	950 psi	9,650 in./lbs.
MS 1175	4.4	K-2	H-42	950 psi	14,300 in./lbs.
MS 1150	5.8	K-3	H-42	950 psi	18,500 in./lbs.
MS 1200	4.2	K-3	H-41	950 psi	18,500 in./lbs.

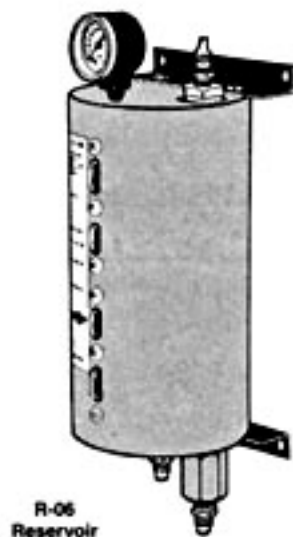
H-20/40 Helms

The T-6061 aluminum body houses a non-metallic axial piston pump and internal valving. Stainless steel shaft with wiper seal is standard. Smaller helms are the 20 Series, large are the 40 Series. Choice of tapered or straight shafts available.



R-06 Reservoir

The R-06 Reservoir is the fill location and fluid reserve for the system. The R-06 filters the fluid entering the system. Standard features include a fluid level indicator and pressure gauge. Options are integral hand pump and pressure relief valve. Two quart capacity.



Universal Mount Cylinders

The K-1, K-2, K-3, and K-4 Cylinders are brass with a manganese bronze universal mount. All three have 9" stroke. Ball joints for mounting on the rudder arm are standard; clevis is optional.

