



MODEL 7003 1-3 in³ VARIABLE DELIVERY HELM PUMP

This pump features adjustable volume in a compact design. Adjustment from 1-3 in³ per turn is easily accomplished from the outside. A ball bearing and two thrust bearings provide smooth operation and long life. A lock valve installed on the back of the helm pump prevents rudder feedback and also allows installation of multiple control stations. The pump normally is supplied in its die cast bronze finish. It can however be ordered in a black epoxy finish.

Materials: Housing and rotor are die-cast silicon bronze. Pistons and pintol are hardened and ground steel. Pump shaft and hardware are stainless steel.

M.W.P.: 1000 psi (69 bar)

Weight: 12 lbs. (5.4 kg)

ORDERING INFORMATION

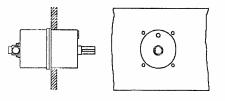
- A With cast bronze finish (standard)
- B With black epoxy finish
- L With long shaft (for behind console mount)
- N With short shaft (for through console mount)
- P With porting block only (no lock valve)
- V Vent Plug

Standard shaft is tapered.

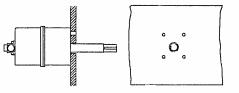
Note: An adaptor plate to simplify installation of the helm pump is available. It can be installed on either side of the console.

Ordering number: 7003-0011A (cast bronze finish) 7003-0011B (black epoxy finish)

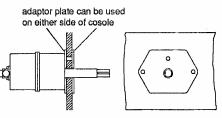
Through console installation with short shaft



Behind console installation with long shaft



Installation with adaptor plate



DIMENSION AND PARTS LIST **MODEL 7003**

