



Hale Fire Pump Company
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SB54E

OPTIONAL MECHANICAL SEAL, IN PLACE OF PACKING,
AVAILABLE ON HALE MIDSHIP MODELS QSG, QSMG, QLG, AND QG

DETAILED SPECIFICATIONS

The midship pump shall be equipped with a high quality, spring loaded, self-adjusting mechanical seal capable of providing a positive seal to atmosphere under all pumping conditions. This positive seal to atmosphere must be achievable under vacuum conditions up to 26 Hg (draft) or positive suction pressures up to 250 PSI.

The mechanical seal assembly shall be 2 inches in diameter and consist of: a carbon sealing ring, stainless steel coil spring, Viton rubber boot, and a tungsten carbide seat, with a Teflon^(tm) backup seal provided.

One only mechanical seal shall be required, located on the first stage suction (inboard) side of the pump and be designed to be compatible with a one piece pump shaft (no exceptions). A continuous cooling flow of water from the pump shall be directed through the seal chamber when the pump is in operation.

fwb14/14-9/92