

### STOKES, 622 MHR Description:

The booster pumps are single stage, positive displacement precision engineered machines. You must use the booster pump with a suitable backing or roughing pump. The booster pump is not intended for stand-alone operation. The pump gears provide for quiet operation while maintaining proper impeller timing. The booster pumps are supplied as standard with keyless timing, drive side roller bearings, mechanical vacuum seal, and large oil-level sight-glasses.

These features provide for ease of maintenance and improve reliability. The pump identification plate provides specific details about the pump, including: pump type; part number and serial number; and so on. We recommend that you have this information available when you contact Edwards for advice, parts or service. Direct drive booster pumps are supplied with hydrocarbon lubricating oil in the oil reservoirs. Standard bareshaft booster pumps are also supplied with hydrocarbon lubricating oil in the oil reservoirs. Special service (oxygen service) bareshaft booster pumps are specially prepared free of hydrocarbons in the factory and are supplied without oil in the reservoirs. You must use PFPE lubricating oil in special service (oxygen service) pumps.

H model booster pumps have vertical connections and are configured for horizontal gas flow through the pump.