

SGV Series

Storage Filling Pump

Features & Benefits

Modular, compact displacement pumps available in 1, 2, or 3 cylinder configurations provide a wide range of flows

Vacuum jacketed cold end for minimal cooldown losses and economical operation, ideal for liquid hydrogen

Pressurized oil lubricated 5IG916926 248I5586 (i)-17.8 (l l)-17.8 (u)-14.4 (b)-13.9 (r)-21.2 (i)-19./S

allows for extended pump duty

Improved cold end assembly design extends seal life

Typical Scope of Supply

Vacuum jacketed cold end with pressure oil lubricated drive end

Positive locking coupling

Standard suction adapter with Monel strainer

Distance piece with purge ports

DC BT0 T

FOR PUMPS INTENDED TO BE USED IN NITROUS OXIDE SERVICE:

Liquid Nitrous Oxide is a potentially dangerous fluid and must be handled with extreme care. See Compressed Gas Association standard CGA G-8.3-2016

"dry running" of pumps. Nitrous Oxide is an active solvent for many materials and material compatibility with Nitrous Oxide must be confirmed before their use. For additional historical information relating to hazards associated with Nitrous Oxide decomposition refer to Chemical Safety Board report number 2016-04-I-FL Dated February 2017.