

Chemical Dispensing System

The chemical dispensing system provides versatility for metering and dispensing of a wide variety of fluids used for caulking, joint and crack filling, sealants and adhesives. At the heart of this system is a gerotor type, rotary positive pump developed by Cascon specifically for applications requiring high metering accuracy.

Pump Description:

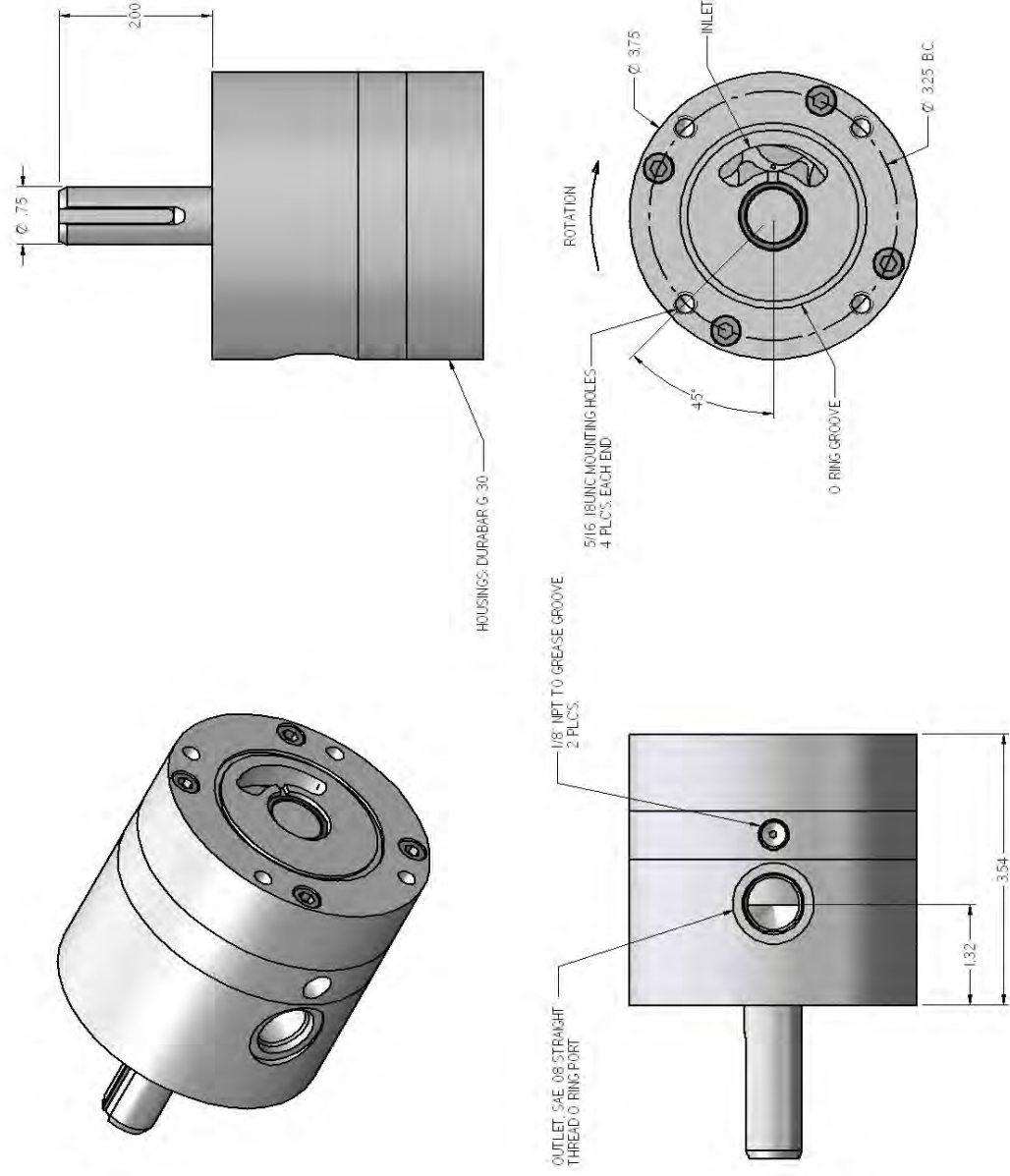
The positive displacement chemical metering pump is designed for use with a wide range of fluids including single and plural component urethanes, epoxies, silicones, and polyureas. Operating speeds are typically under 1000 rpm and discharge pressures are in the range of 300 to 1000 psig. The housings and eccentric ring are constructed from cast iron bar, which are then electroless nickel plated for wear and corrosion protection. The shaft is made from carburized and hardened AISI 8620 steel. The bearings are simple journal bearings, and the rotors are heat-treated PM.



Selected Performance Data:

Fluids	Urethanes, Epoxies, Polyureas
Viscosity Range	20 to 10,000 cps
Displacement	10-20 cc/rev
Temperature Range	-20 +150 degF
Operating Pressure Range	300-1000 psid
Operating Speed Range	50-1000 rpm





CASE STUDY CS-058 METERING PUMP