



Foam Pump

Application

- Foam concentrate injection pumps
- Foam transfer pumps
- Water driven foam pumps
- Pumps for portable water sets



AP-FGP Series:

External Lubrication gear pump specially design for the Foam proportion mixing device of the fire protection industry

Above flows based on foams of 12-14 cst & S.G:
1.2. Viscosity range 3 cps to 2000 cps can be accommodated

CONSTRUCTION

- PUMP CASING:** Gunmetal, cast iron and stainless steel 304 option. Flanges to ASA or DIN standards.
- ROTORS:** Phosphor bronze or stainless steel.
- SHAFTS:** Stainless steel 304 with hard coatings.
- BEARINGS:** Product lubricated bush bearings.
- SHAFT SEALING:** Lip seals, mechanical seals and Packed glands available.
An internal pressure relief system reduces pressure in the seal area.

DRIVES

When pumps are fitted to fire tender vehicles, drive is normally from PTO but may be via hydraulic motor or a separate engine. Fixed installations normally employ electric motors or diesel engine drives. However, there is an increasing preference for water turbine drives for foam concentrate pumps, Pumps may be run at normal speeds, as the shear rate within the inlet pipe and pump is sufficient to reduce viscosities. Suction lines should be as short as possible and of generous diameter since some of these liquids have a high resistance to flow.

