

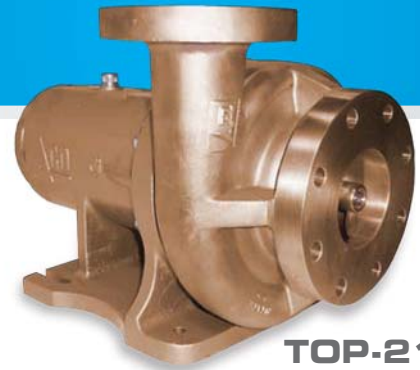
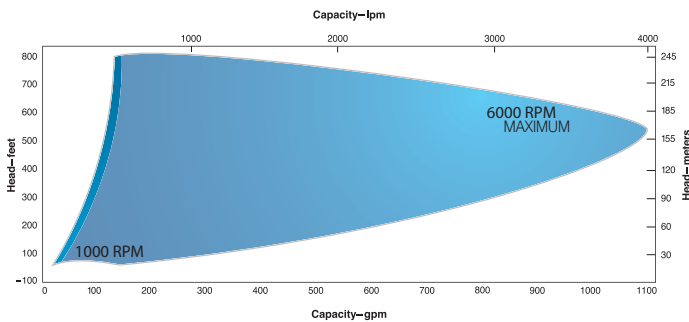


TOP-215

Features & Benefits

- Cartridge seal design for quick replacement
- Oil lubricated bearing housing ensures lubricity of components and improves life
- Cylindrical roller bearings strengthen capacity for lateral loads

Pump Performance Curve



TOP-215

Rapid Cooldowns

Refinery maintenance, expansions or other activities sometimes call for the shutdown of the plant, at which point it is desirable to reduce the temperature of process catalysts as quickly as possible. ACD's high flow nitrogen pumps can be used as a controlled cooling agent to reduce the time before remedial work begins. The risk of fire is also reduced because of the inert properties of nitrogen.

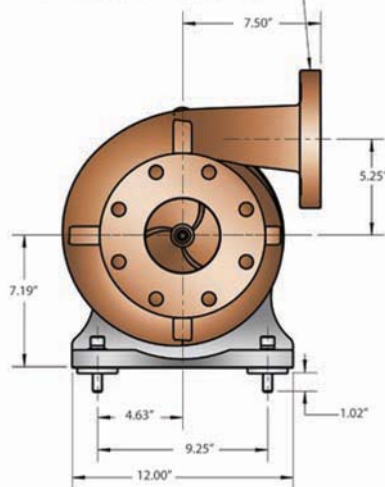
Long term preservation

Because nitrogen is an inert gas it is ideal for the long term preservation of installations that may not be in operation immediately (mothballing). For example, on completion of a process system or pipeline commissioning, it is occasionally necessary to protect the system from corrosion or degradation for a period of time.

Foam Inerting

Some of our customers have developed processes to enable work that generates heat to be carried out on hydrocarbon handling systems without endangering workers or facilities. The nitrogen foam is injected into a process system at a low point and allowed to completely fill the vessel and pipe work, rendering the internal atmosphere inert. Once the work operations that generate heat have been completed, the nitrogen foam degenerates into surfactant, some water nitrogen gas.

Discharge Flange Mates With:
3" ANSI Class 150 Flat Face Flange



Suction Flange Mates:
4" ANSI Class 150 Flat Face Flange

