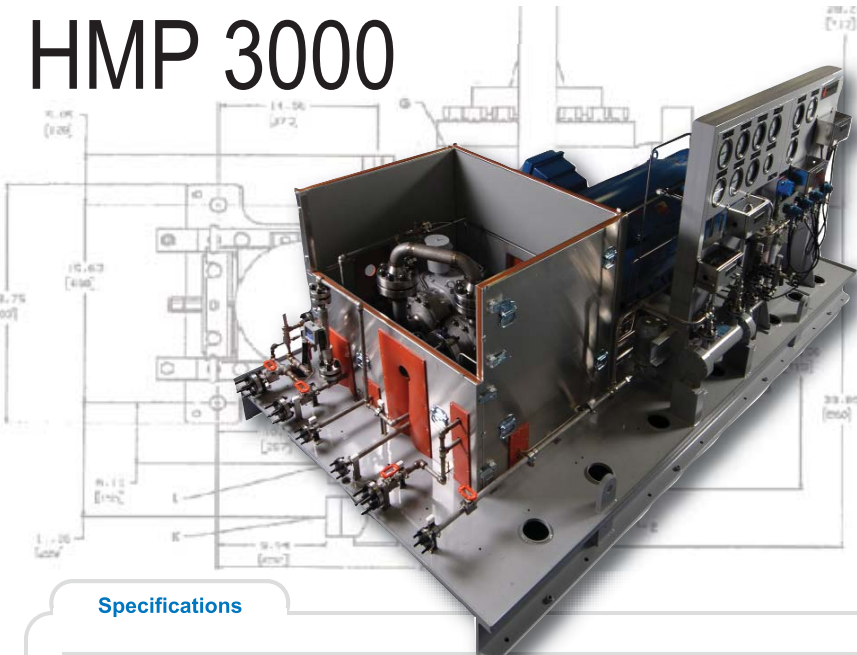


Centrifugal Multi Stage Heavy Duty Process pump



HMP 3000



The HMP-3000 is a two-stage centrifugal pump.

- Flows to 440 gpm (100 m³/hr)
- Heads to 10,000 ft (3000 m)

The HMP-3000 is for heavy-duty services in the Fertilizer, HPI, CPI and Specialty Processing industries.

APPLICATIONS

- Alkylation
- Isomerization
- Hydro Cracking
- Hydrogen
- Sulfur Plants

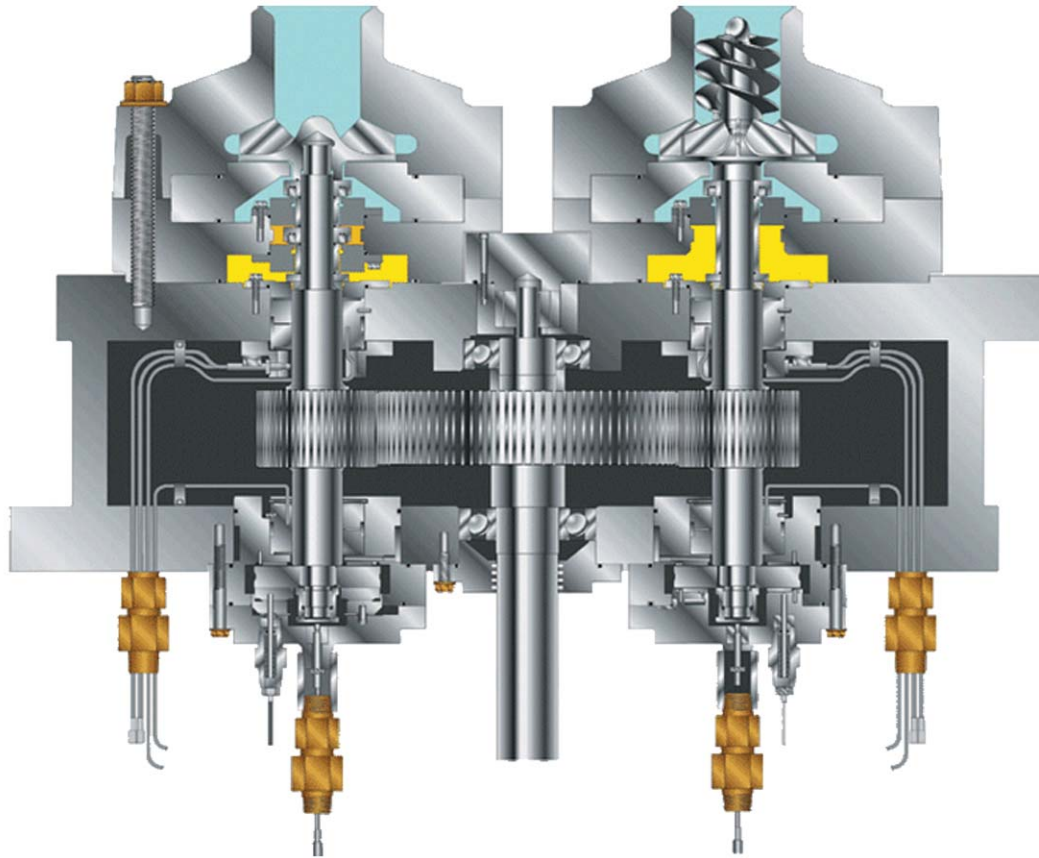
Specifications

Heads To	1,000 to 10,000ft	330 to 3,050m
Flows To	60 to 440gpm	0 to 400m ³ /hr
Max Power	800	600
Temp Range	-200 to 500°F	-129 to 260°C
Number of Stages	2.0	
Max Case Working Pressure	3,750 psi	264 kg/cm ²
Max Suction Pressure	425psi	30kg/cm ²
Differential Head	10,000 ft	3,050 m
HP Dependent on Diff. Head	800 hp	600 KW
Standard Delivery	52 weeks	
Speed Range	8,000 to 22,000rpm - 60Hz	
Materials of Construction	316L SS, Duplex SS	
Bearing Materials Available	Steel, Bronze	
Hydrotest Pressure	5,625 psi	395 kg/cm ²
Max Viscosity	10 cp	
Industry Standard	API-610	
Solids Range	0.015" (0.381mm),	400 microns
Mounting Configurations	Horizontal	
Dimensional Standards	Custom	
Number of Available Hydraulics	Custom	
Seal Configurations Available	Single, Double, Tandem	
Available Inducer	Yes	
Available Flanges	300#, 600#, 900#, 1,500# ANSI RF or RTJ	
Pump Case Corrosion Allowance	0.125"	3.175mm
Suction and Discharge Size		4 x3

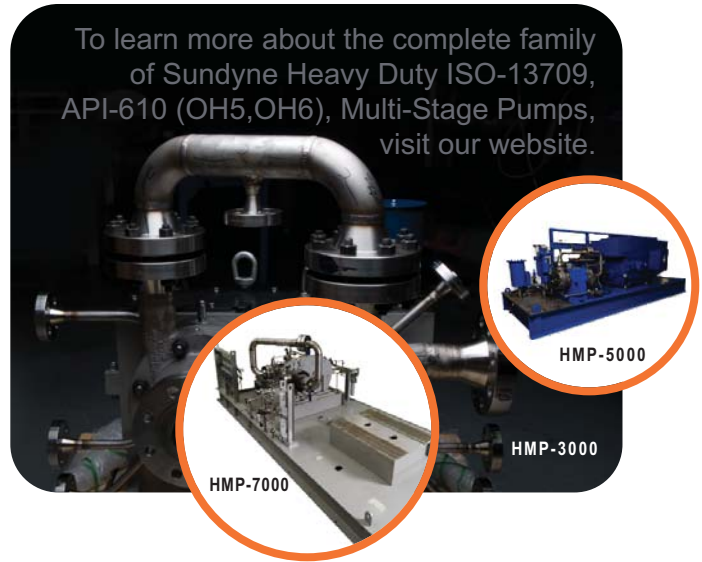
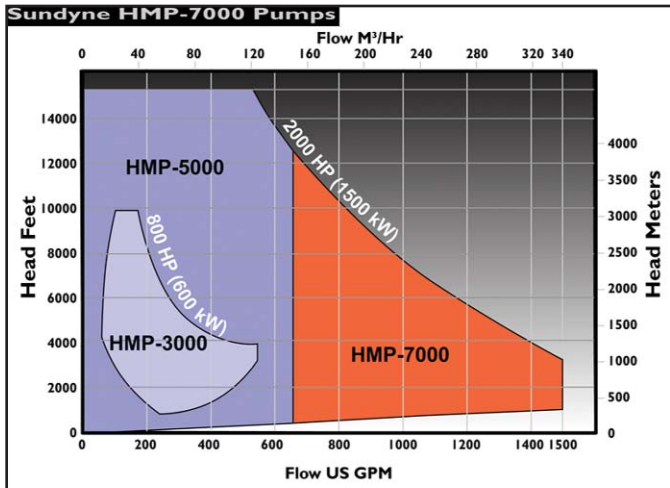
Sundyne Corporation manufactures a variety of centrifugal multi-stage pumps ideal for a broad range of heavy-duty process applications, including the HMP-3000. Built to API-610, 10th Edition and API-685 sealless standards, this two-stage centrifugal pump is well suited to a broad range of specialty process industry applications.



- Amine / CO₂
- Hydrotreater
- Fuel & Flammable Liquids
- Gasification
- Brine Injection & Disposal



PERFORMANCE



Visit our website at: www.sundyne.com

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