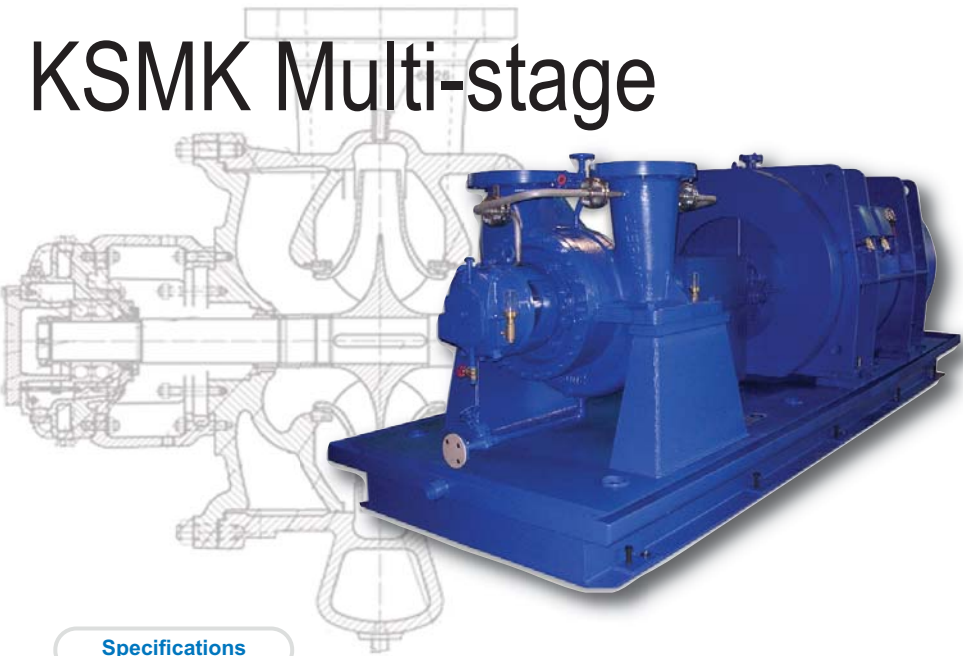




Centrifugal API 610 10th Edition BB2 and ISO 13709 Multi Stage Heavy Duty Process Pump

KSMK Multi-stage



The KSMK is a radially split one and two stage, centerline mounted, double volute, between-bearings (BB2)centrifugal process pump.

- Flows to 13,209gpm (3,000m³/hr)
- Heads to 1,640ft (500m)
- Temperatures: -238 to 752°F (-150 to 400°C)
- Pressures to 1,160psi (80bar)

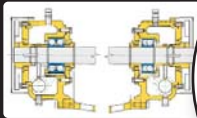
A P P L I C A T I O N S

- Butane Transfer
- Fuel
- Brine Injection
- Condensate Extraction
- Solvents
- Flue Gas Wet Scrubbing

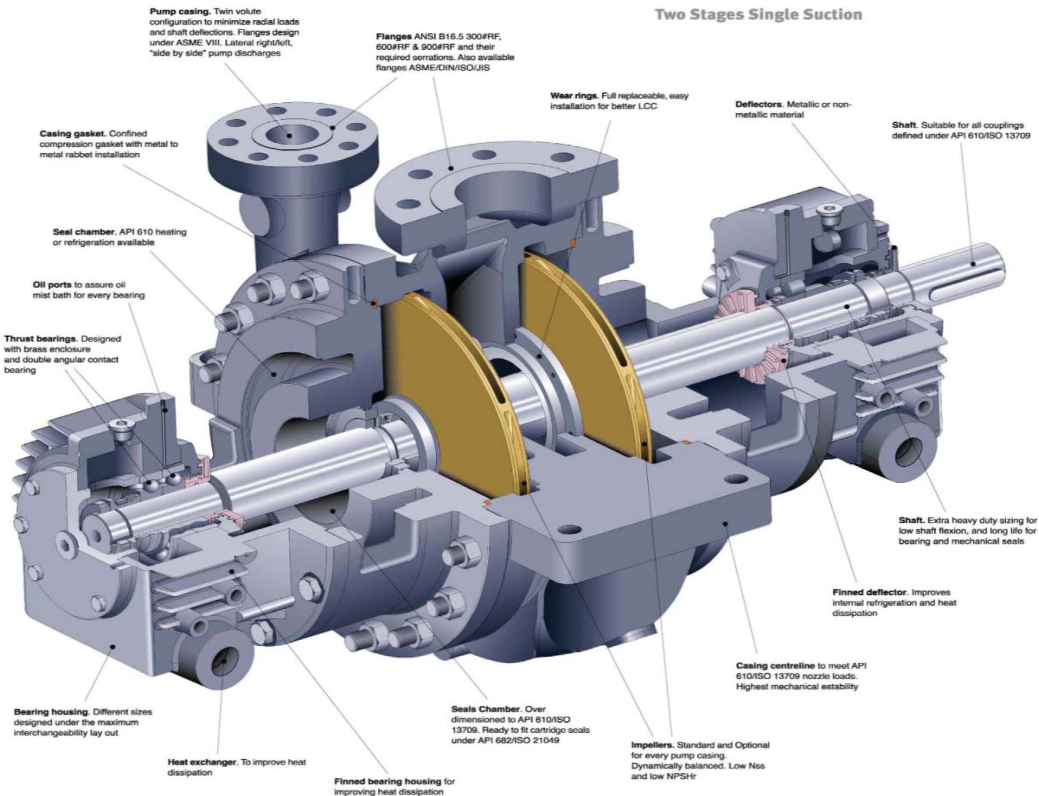
Specifications

Heads To	1,300 to 1,640ft	400 to 500m
Flows To	80 to 13,208gpm	0 to 3,000m ³ /hr
Max Power	2,011	1500
Temp Range	-22 to 752°F	-30 to 400°C
Number of Stages	2.0	
Max Case Working Pressure	870 psi	60 bar
Max Suction Pressure	290 psi	20 bar
Differential Head	1,640 ft	500 m
HP Dependent on Diff. Head	2,011 hp	1,500 KW
Standard Delivery	Consult factory	
Speed Range	0 to 3,500rpm - 60Hz	
Materials of Construction	Compliant to H1-API-610, 10th edition	
Bearing Materials Available	Ball bearing (optional roller bearing) plus angular contact bearing	
Hydrotest Pressure	1,160 psi	80 bar
Max Viscosity	Consult factory	
Industry Standard	API-610 and ISO 13709	
Mounting Configurations	Horizontal / Top-Top (optional side-to-side)	
Number of Available Hydraulics	11.0	
Seal Configurations Available	API-682	
Available Flanges	300#, 600# FF/RF	
Pump Case Corrosion Allowance	0.118inch	(3mm)
Suction and Discharge Size		up to 20"/16"
API Plans		All API-682 configurations

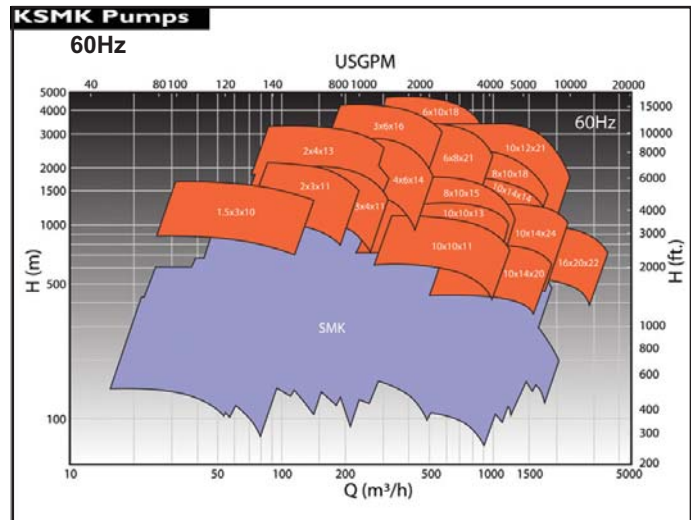
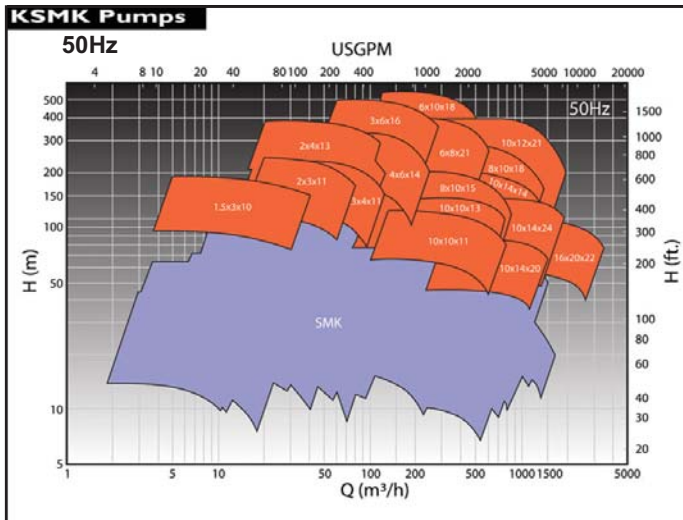
Sundyne manufactures several pump models compliant with API-160, 10th Edition, API-685, ISO 13709 and DIN standards, including our line of Marelli products. These units include a variety of customized improvements and deliver the reliable performance required for critical heavy-duty process applications.



- Feedwater Booster
- Boiler Feedwater
- Cooling Systems
- Heater Charge
- Isomerization



PERFORMANCE



Visit our website at: www.sundyne.com