

PROCESS PUMPS

INTRODUCTION

SINACO supplies a full range of API 610 process pumps, general-purpose pumps and centrifugal pumps with the latest technology and advanced design & development theory. Our partner is equipped with the design & development capabilities to produce high quality API standard pumps for the global market. Our pumps are widely used in the industries such as: petroleum & natural gas, petrochemical (including coal chemical), fertilizer and power generation to transport medium of high temperature, high pressure, high speed, low temperature, abrasion and erosion.

Our partner is ISO certified and possessed the relevant API certificates.

PRODUCT & SPECIFICATION



SINGLE-STAGE PUMP

APPLICATIONS:

- Petroleum Production
- Petroleum Refinery
- Petrochemical Industry
- Chemical Industry

OPERATING PARAMETERS:

- Flow (Q): up to 45m³/h
- Head (H): up to 350m
- Speed (n): up to 8400rpm
- Temp: -20 to 200 °C

FEATURES:

- Gear box's low speed shaft and motor are coaxial
- High speed shaft be coaxial with pump
- Open, single suction and radical straight-blade structure impeller,
- Short jib length and small flexibility shaft, improve operating life of mechanical seal and bearing



MULTI-STAGE CENTRIFUGAL PUMP

APPLICATIONS:

- Petroleum Production
- Petroleum Refinery
- Petrochemical Industry
- Chemical Industry

OPERATING PARAMETERS:

- Flow (Q): as required
- Head (H): as required
- Pressure: as required
- Temp: up to 4500 °C

FEATURES:

- Casing centerline support, heavy duty design
- Two casings and inner casing removable
- Full compliance with API 610 latest edition
- Maximum exchangeability for all components
- Flexibility of design handles with wide range of liquids
- Low NPSH, high efficiency bearing



VERTICAL PUMP

APPLICATIONS:

- Petroleum Production
- Petroleum Refinery
- Petrochemical Industry
- Chemical Industry

OPERATING PARAMETERS:

- Flow (Q): up to 580m³/h
- Head (H): up to 310m
- Pressure: as required
- Temp: -100 to 200 °C

FEATURES:

- Vertical in-line heavy duty design
- Full compliance with API 610 for spacer coupled design. BS4087 class R (heavy duty) and API 610 for close coupled design
- Maximum exchangeability for all components
- Flexibility of design handles with wide range of range of liquids
- Low NPSH, high efficiency bearing

TECHNICAL SUPPORT

Our experienced and well trained technical specialists are committed to provide you the most appropriate and prompt technical solutions.

- Spare Parts Guarantee: We can guarantee to supply required spare parts within an agreed timescale.
- Technical Service: Our technical specialists will assess the reported issue and provide solution within an agreed timescale.
- Service Contract: Fixed terms contract of 12-24 months are available to cater for all your needs.

