

ANSI Process Pumps



Hoogindsestraat 5
NL - 5447 PD Rijkevoort
Nederland
T : +31 (0) 485 - 371318
F : +31 (0) 485 - 371918
info@pompentechniek.nl
www.pompentechniek.nl

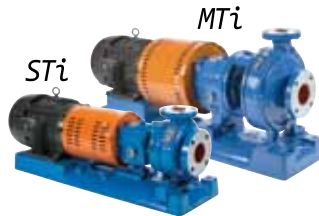
Model 3196

ANSI Process

This is the original ANSI pump that has become the standard of the industry. Over 1,000,000 installations attest to the remarkable performance of the 3196. Available with a wide range of features for handling difficult applications. *i-FRAME™* power ends maximize reliability and MTBF (Mean Time Between Failure).

- Capacities to 7,000 GPM (1,364 m³/h)
- Heads to 730 feet (223 m)
- Temperatures to 700° F (371° C)
- Pressures to 375 PSIG (26 bar)

Materials: Ductile Iron, 316SS, CD4MCu, Alloy 20, Monel, Nickel, Hastelloy B and C, Titanium



Model HT 3196

ANSI High Temperature Process Pump

Center line mounted in a heavy duty fabricated steel casing support, the Model HT 3196 minimizes shaft misalignment and piping strain associated with elevated temperatures up to 700° F. As a member of the ANSI pump family the HT3196 features Goulds Pumps' premier *i-FRAME™* power end, multiple seal chamber options including the TaperBore PLUS, and a wide variety of rigid and rugged mounting systems.

- Capacities to 4,500 GPM (1,023 m³/h)
- Heads to 925 feet (282 m)
- Temperatures to 700° F (371° C)
- Pressures to 450 PSIG (31 bar)

Materials: Carbon Steel, 316SS, CD4MCu, Alloy 20, Hastelloy C



Model LF 3196

Low Flow ANSI Process

Designed specifically to provide superior performance for low flow services. Features a concentric (circular volute) casing and open radial vane impeller to eliminate hydraulic and mechanical problems at low flows. Includes *i-FRAME™* power ends.

- Capacities to 220 GPM (50 m³/h)
- Heads to 925 feet (282 m)
- Temperatures to 700° F (371° C)
- Pressures to 450 PSIG (31 bar)

Materials: Ductile Iron, 316SS, CD4MCu, Alloy 20, Hastelloy B and C



Model CV 3196

Non-Clog ANSI Process

Perfect solution for handling bulky, fibrous, or shear-sensitive liquids. Recessed impeller design provides non-clog pumping with minimum solids degradation. Capability to handle liquids containing 10 to 20 percent air/gas. *i-FRAME™* power ends.

- Capacities to 2,700 GPM (610 m³/h)
- Heads to 440 feet (134 m)
- Temperatures to 500° F (260° C)
- Pressures to 285 PSIG (20 bar)

Materials: Ductile Iron, CD4MCu, Hastelloy B and C, Alloy 20



Model 3796

Self-Priming ANSI Process

One-piece casing eliminates need for separate priming chamber, air separator, valves or by-pass line. Fully open impeller can be trimmed to meet specific hydraulic requirements. Includes *i-FRAME™* power ends.

- Capacities to 1,250 GPM (284 m³/h)
- Heads to 430 feet (131 m)
- Temperatures to 500° F (260° C)
- Suction Lifts to 20 feet (6 m)

Materials: Ductile Iron, 316SS, CD4MCu, Alloy 20, Hastelloy B and C, Titanium



Model 3996

In-Line ANSI Process

For corrosives, abrasives and high temperature. Fully open impeller, back pull-out design, heavy duty construction. Field alignment not required.

- Capacities to 1,400 GPM (318 m³/h)
- Heads to 700 feet (213 m)
- Temperatures to 500° F (260° C)
- Pressures to 375 PSIG (26 bar)

Materials: Ductile Iron, 316SS, Monel, Alloy 20, Nickel, Hastelloy B and C, CD4MCu, Titanium



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