

TruBlue™

Models 710 & 712 General Industry Pump

Robust. Dependable. Trouble-Free.



TruBlue™ 710



TruBlue™ 712



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ENGINEERED FOR LIFE

A Goulds Pumps product

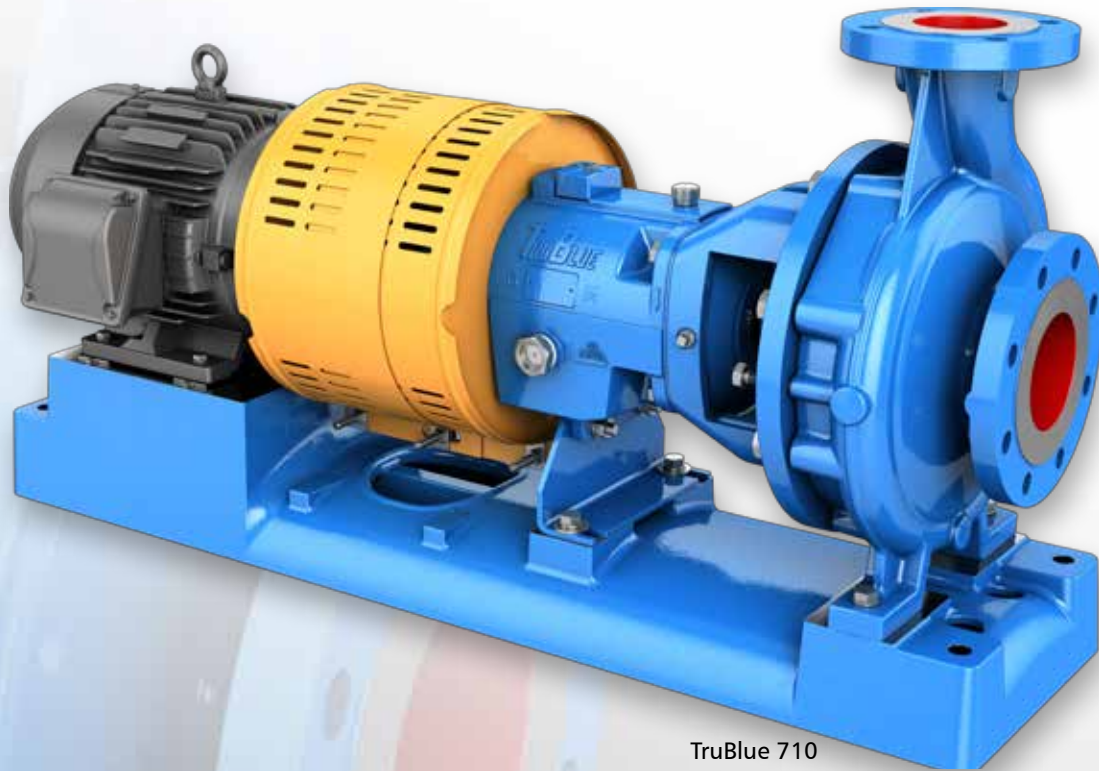
TruBlue™

The TruBlue™ brand general industry pump is a robust and dependable product line designed to meet customer needs within the industrial market without the inherent costs of features that are not required for these applications.

TruBlue leverages 160+ years of Goulds Pumps experience in manufacturing process pumps in the global pump industry.

TruBlue Product Support

- Manufactured by ITT Goulds Pumps Inc.
- Off-the-shelf availability & stocked locally at authorized distributor locations nationally for quick supply
- Sold and supported by local and knowledgeable distributor



TruBlue 710

Specifications

- 15 hydraulic sizes
- Flows up to 800 GPM
- Heads up to 600 feet
- Temperatures from -40°F to 350°F
- Pressures up to 275 PSI
- 150 lb ANSI flanges

Applications and Industries served:

- Water purification / filtration
- Industrial cooling water
- Tank cleaning
- Paint systems
- Industrial water OEMs
- Chillers
- Seal water
- Industrial parts washers
- Waste water
- LACT measurement
- Marine



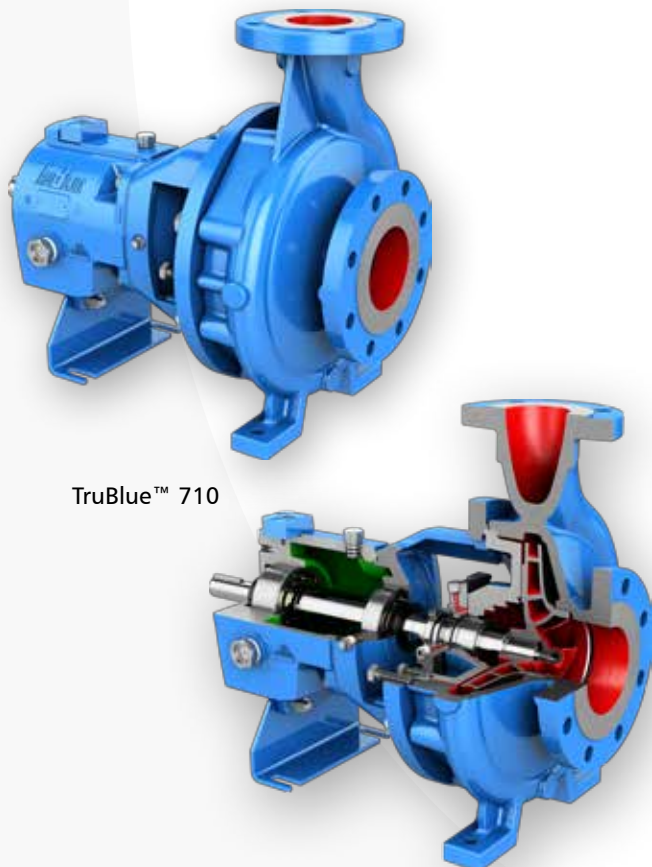
TruBlue 712



TruBlue™ 710 / 712

710 Design Features

- Cast ductile Iron or 316SS liquid end containment options
- Ductile iron frame and adapter for safety and reliability
- The power end two-piece design provides a more reliable sealing of the frame, better alignment of key components and reduced maintenance time and effort
- Back pull-out design makes maintenance activities safe and simple
- Patented Cyclone Seal Chamber for extended seal life
- Seal chamber accommodates standard cartridge seals
- Standard OSHA compliant shaft guarding is included
- Enclosed impeller for improved efficiency and bearing life
- Dimensionally compliant to ANSI B73.1
- Can be mounted on reliable ITT Goulds cast iron camber top baseplates



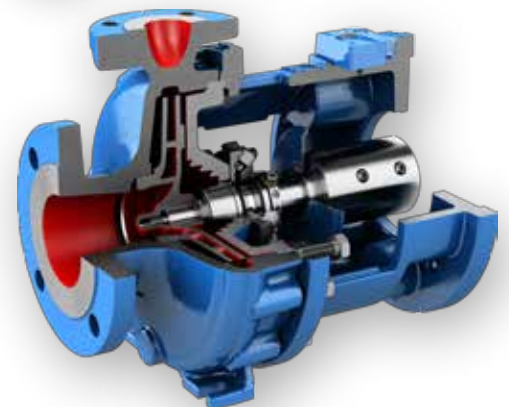
TruBlue™ 710

712 Design Features

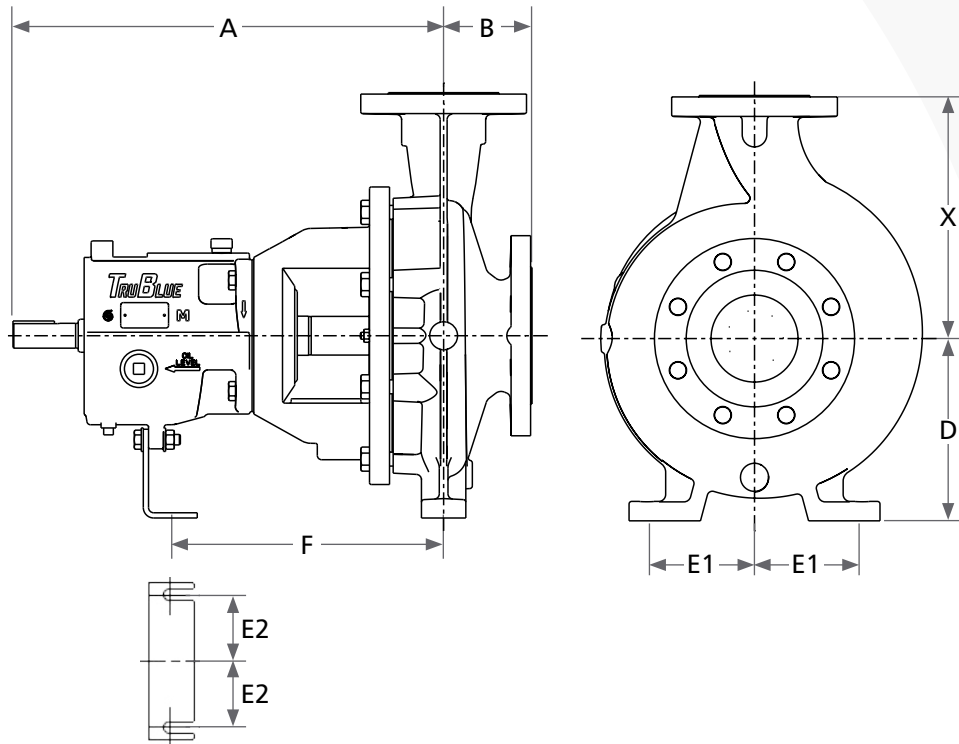
- Cast ductile iron or 316SS liquid end containment options
- Ductile iron adapters for safety and reliability
- Patented Cyclone Seal Chamber for extended seal life
- Seal chamber accommodates standard cartridge seals
- Standard OSHA compliant shaft guarding is included
- Enclosed impeller for improved efficiency and bearing life
- Available as close coupled to a standard NEMA C-face motor
- ANSI casing dimensions



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Dimensions



Group	Size	Discharge Size	Suction Size	X	A	B	D	F	E1	E2	Weight (lbs)
S	1x1½-6	1	1.5	6.50	13.50	4.00	5.25	7.25	3.00	NA	133
	1x1½-6G	1	1.5								135
	1½x3-6	1.5	3								136
	2x3-6	2	3								142
	1x1½-8	1	1.5								144
	1x1½-8H	1	1.5								142
	1½x3-8	1.5	3								154
M	2x3-8	2	3	9.50	19.50	4.00	8.25	12.50	4.88	3.63	180
	3x4-7	3	4	11.00							190
	3x4-8G	3	4	11.00							195
	1x2-10	1	2	8.50							195
	1.5x3-10	1.5	3	8.50							201
	2x3-10	2	3	9.50							206
	3x4-10	3	4	11.00							221
	1.5x3-13	1.5	3	10.50							10.00

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Large Capacity Bearing Frame Extends Pump Bearing Life

- Increased oil capacity provides better heat transfer for reduced oil temperature.
- Bearings run cooler and last longer
- Contaminants directed away from bearings to magnetic drain plug
- Heavy duty bearing sized for minimum L 10 bearing life of 17,500 hours
- Double lip oil seals maintain clean oil sump
- Optional Labyrinth seals are available

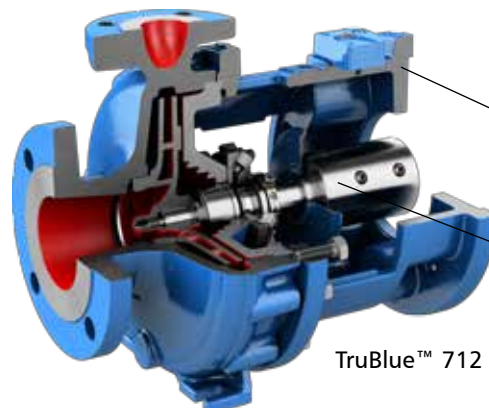
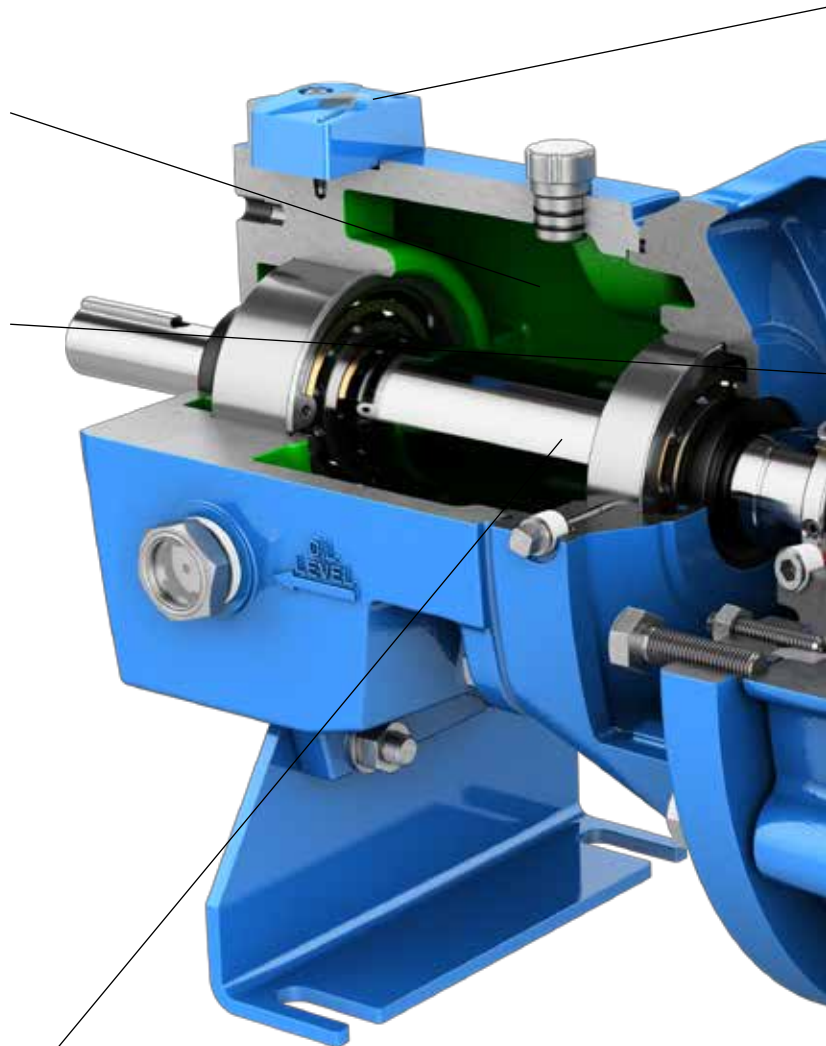
Patented Cyclone Seal Chamber Eliminates Seal Failures

- A tapered bore design enhanced with two cast helical grooves removes suspended solids away from mechanical seal components resulting in extended seal life
- Increased radial clearance and increased volume improves cooling for extended seal life
- Self-venting design eliminates vapor build up in the seal area
- Patented design by ITT Industries, tested and proven to extend seal life
- Pre-machined to accept standard bore dimensioned cartridge seals
- Goulds SealPlus single and double cartridge seals are designed to fit the 710 and 712, and are in-stock

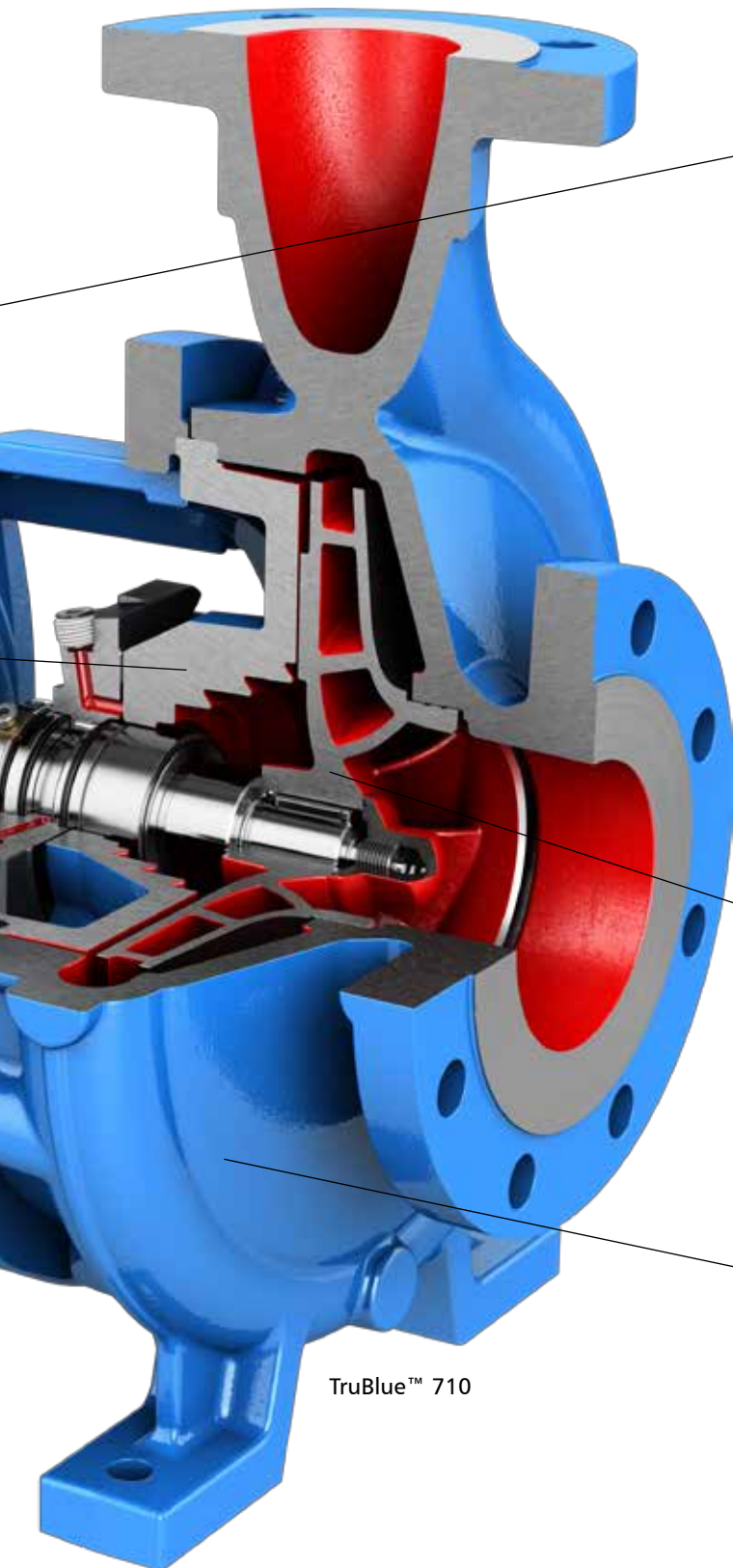


Sleeveless shaft extends seal life

- Improved rigidity leading to less shaft deflection at seal faces
- No sleeve to shaft runout tolerance stack up
- Stainless steel shaft for improved corrosion resistance



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Optional i-ALERT®2

- Monitor - Tracks vibration, temperature & run-time hours 24/7/365
- Alarm - Checks every five minutes & alarms if equipment is outside normal operating conditions
- Trend - Stores data once per hour & on alarm for 30 days. Stores the weekly average, minimum & maximum up to 5 years
- Analyze - Diagnose machine faults with vibration tools. Fast Fourier Transform (FFT) & Time Wave Form Analysis
- Environment - Rated for any industrial environment. IP67 water & dust resistant. Intrinsically Safe with a 3-year battery life (use dependent)
- Wireless - Sync data via Bluetooth Smart enabled smartphones and tablets

Impeller

- Precision-cast 316SS enclosed impeller design provides reduced axial loads for longer bearing life
- Standard back vanes reduce axial thrust and seal chamber pressures for extended bearing and seal life
- Key driven for maximum reliability; eliminates spinoffs due to reverse rotation during start-up

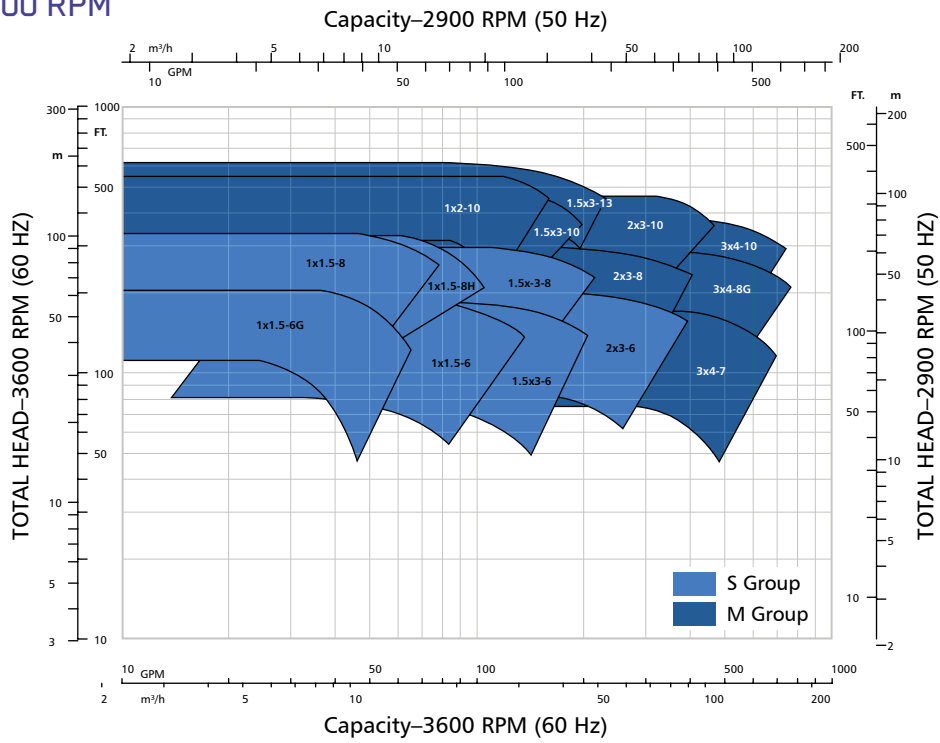
Casing

- Top centerline discharge is self venting
- Integral casing feet prevent pipe load misalignment – maximized seal and bearing life
- Serrated flanges standard for positive sealing against leakage

Model 712 close-coupled to standard C-face motors

- Adapter is designed to provide a registered fit with a C-face NEMA motor which is readily available and more cost effective than a JM/JP motor
- Stub shaft provides tight tolerance on seal runout and protects motor shaft from pumpage

3600/2900 RPM



1800/1450 RPM

