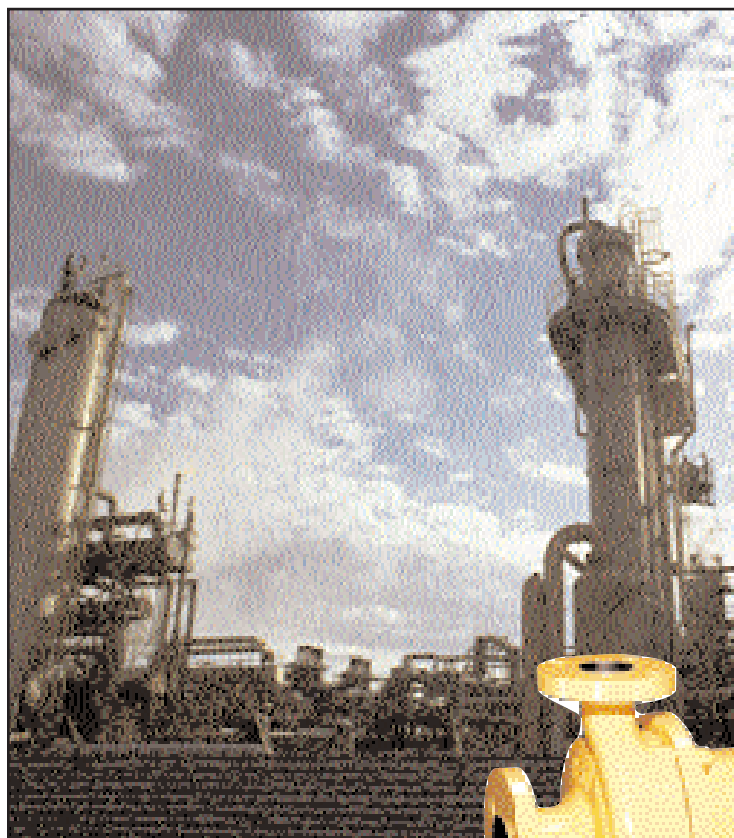


# KONTRO<sup>®</sup>

## Model GSA

### Frame 0



# FEATURES

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The **KONTRO** Model GSA sealless magnet drive pump offers a truly affordable alternative to conventional sealed pumps. **KONTRO** pumps have no mechanical seals to leak or fail. A powerful magnetic coupling is used to drive the impeller, eliminating the connection between the impeller and driven shaft. All wetted parts are housed in a rugged containment shell which is sealed by a single, flat gasket.

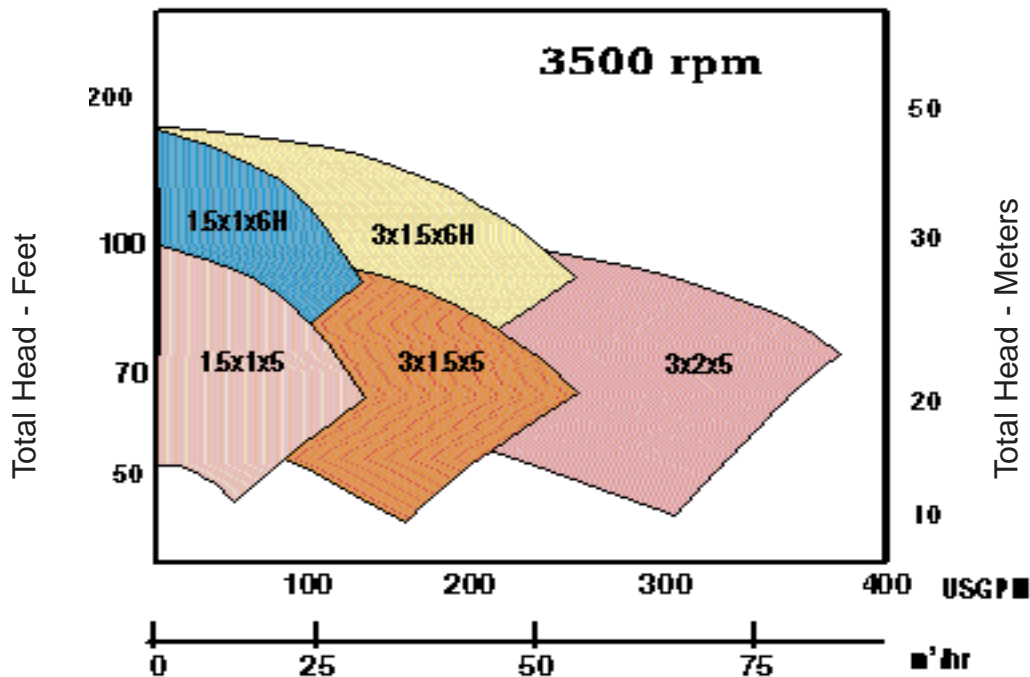
The **KONTRO** pump time proven design, engineering and manufacturing experience provide the chemical processor with a safe, reliable and durable sealless pump. The Model GSA is the ideal solution for handling toxic or hazardous liquids.

## GSA Features and Benefits:

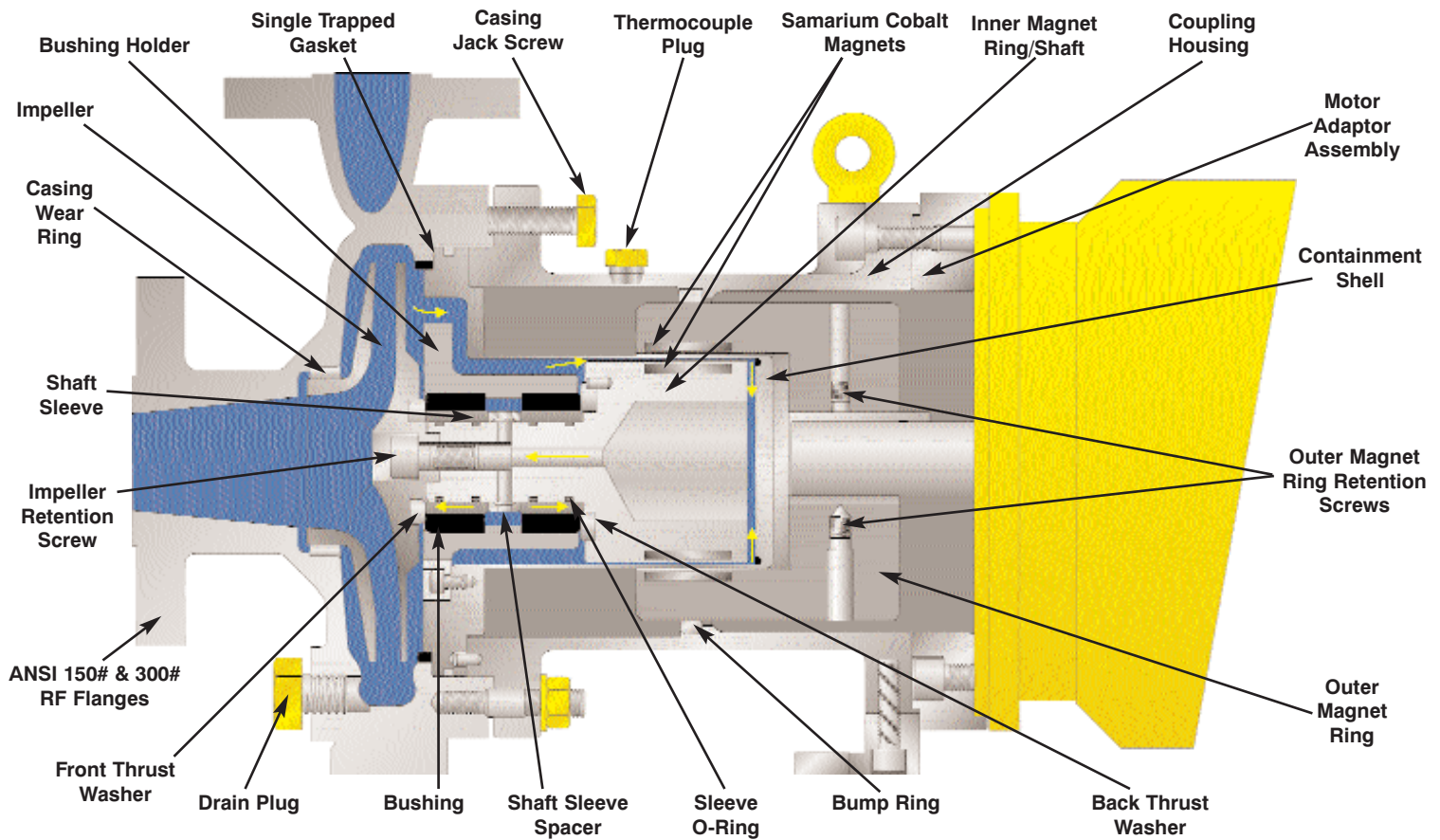
- **Sealless Design** - total product containment.
- **Rugged Design** - provides maximum operational up time.
- **Cartridge Design** - reduced complexity makes for easy maintenance by local technicians in the field.
- **Configuration** - close coupled design eliminates motor misalignment (frame mount also available).
- **Magnetic Drive Coupling** - completely encapsulated, Samarium Cobalt Magnets as standard
- **ANSI Dimensions** - easy replacement of conventional ANSI pumps.

# PERFORMANCE

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# GSA, Frame 0



## Specifications

Type: .....ANSI Sealless Centrifugal(ANSI Frame 1 Dimensions)  
 Configuration:.....Horizontal Frame-Mount or Close-Coupled  
 Number of Sizes:.....5  
 Maximum Capacity:.....370 GPM [84 m<sup>3</sup>/hr]  
 Maximum TDH:.....190 Ft. [60m]  
 Maximum Power: .....10 hp @ 3500rpm, 3 hp @ 1750 rpm - 60Hz  
 .....7.5 hp @ 2900rpm, 2 hp @ 1450rpm - 50Hz  
 Materials of Construction: .....316SS, Alloy 20, Alloy C, Alloy B  
 Magnetic Coupling Type:.....Synchronous  
 Magnet Material: .....SmCo  
 Bearing Material:.....SIC/SIC-standard,  
 .....SIC/Carbon-optional  
 Max. Operating Pressure:.....275psig [18.9bar] - standard,  
 .....360psig [25bar] - optional @ 100°F [38°C]  
 Min. Operating Pressure: .....Full Vacuum  
 Max. Operating Temperature: .....400°F [205°C]-standard,  
 .....500°F [260°C]-optional  
 Min. Operating Temperature: .....-40°F [-40°C]  
 Max. Viscosity:.....200 centistokes  
 Flanges:.....150# RF-standard,  
 .....300# RF-optional  
 Max. Solids Concentration/Size:..5% concentration by weight, max. 150 μ

## Typical Applications

### Chemical:

Caustic  
 Ethylene/Propylene oxide  
 Styrene  
 Heat Transfer Fluids

### OEM:

Heat Transfer Fluids  
 Caustic

### General Industry:

Nitric Acid  
 Caustic  
 Solvents  
 Sulfuric Acid

### Pulp and Paper:

Sulfuric Acid  
 Hydrogen Peroxide  
 Sodium Hypochlorite  
 Methanol

### Pharmaceutical:

Heat Transfer Fluids  
 Solvents

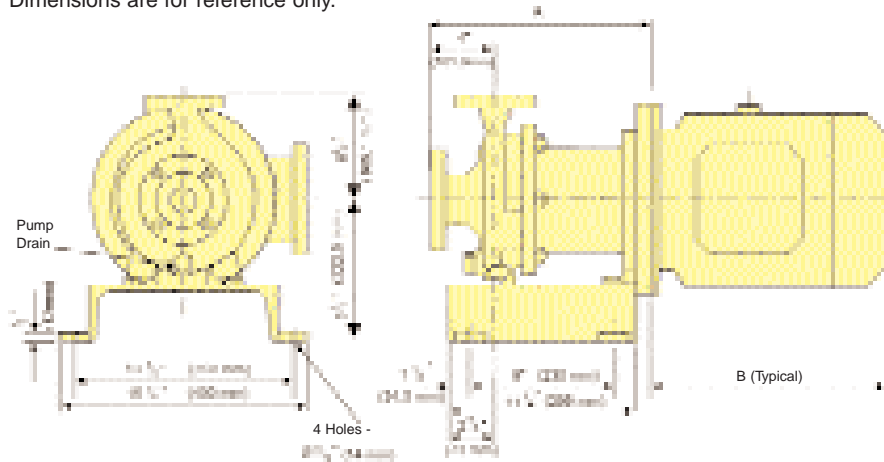
### Petroleum:

Sour Water  
 Hydrocarbons  
 Amines  
 Sulfuric Acid

# OUTLINE DRAWINGS

## GSA, Frame 0

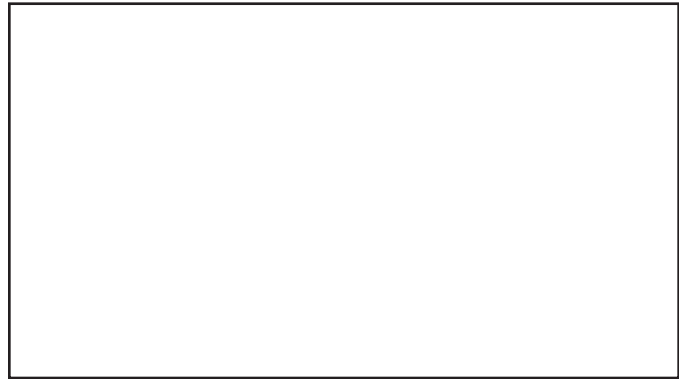
Note: This is not a certified drawing.  
Dimensions are for reference only.



Pump Size	Suction	Discharge	NEMA			IEC				
			Motor	143/145	182/184	213/215	Motor	80/90	100/112	132
1.5 x 1 x 5	1.5"	1"	A	13.43" (341 mm)	13.75" (349 mm)	14.06" (357 mm)	A	13.70" (348 mm)	14.25" (362 mm)	14.13" (359 mm)
3 x 1.5 x 5	3"	1.5"	B	11.26" (286 mm)	13.19" (335 mm)	17" (432 mm)	B	11.14" (283 mm)	13.14" (334 mm)	16.73" (425 mm)
3 x 2 x 5	3"	2"								
1.5 x 1 x 6H	1.5"	1"								
3 x 1.5 x 6 H	3"	1.5"								

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## WORLDWIDE LOCATIONS

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