

# **KONTRO<sup>®</sup>**

## **Model GTA**



**SUNDSTRAND** <sup>™</sup>  
**SEALLESS**  
ANSIMAG • HMD • KONTRO • SCMP

# FEATURES

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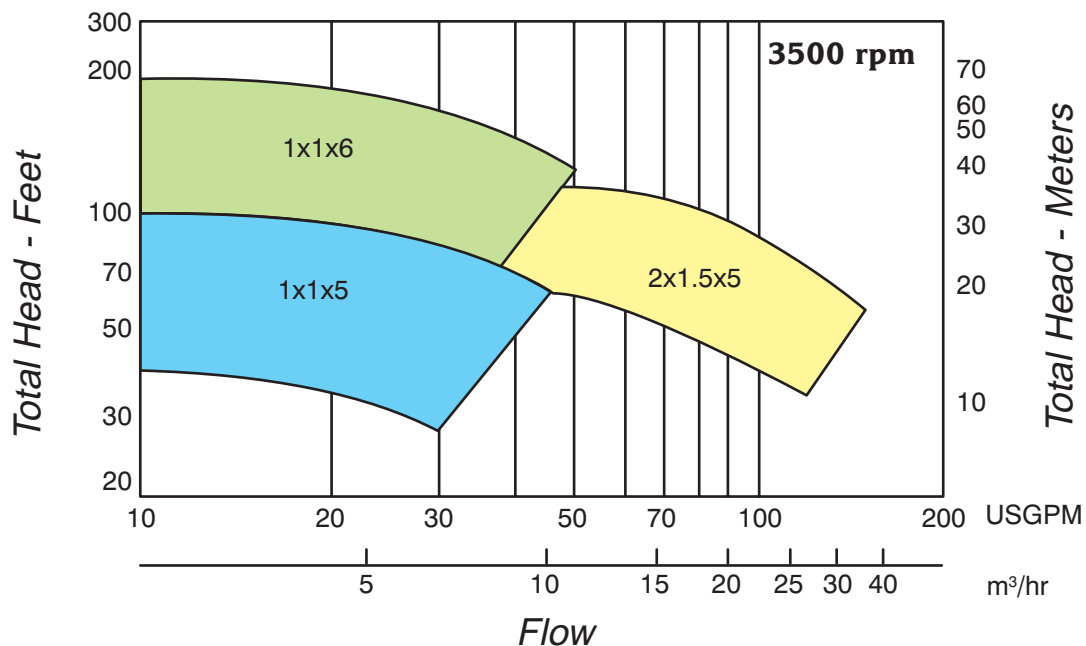
For greatest efficiency and lowest cost in process applications with heads and/or capacities below those in the ANSI Model GSA, Frames 0, 1 and 2 hydraulic range, **KONTRO** offers the Model GTA pumps that are dimensionally smaller and more efficient for those smaller than ANSI duties. The model GTA design has few parts and maintenance is simple.

## GTA Features and Benefits:

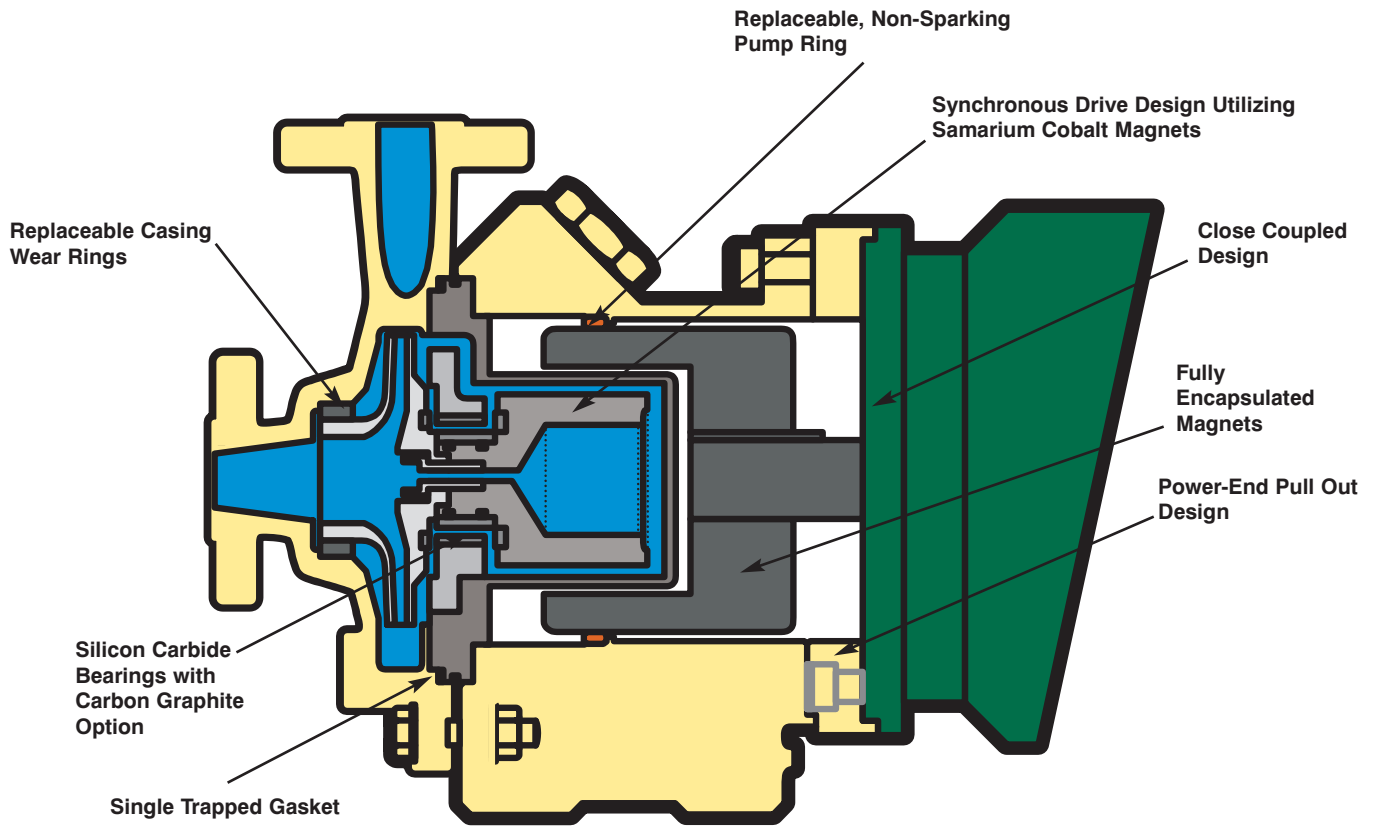
- **Sealless design** - total product containment
- **Rugged design** - provides maximum operational up time
- **Configuration** - close coupled design eliminates motor misalignment
- **Magnetic drive coupling** - completely encapsulated, Samarium Cobalt magnets as standard
- **Single trapped gasket** - eliminates “blowout” risk
- **Cartridge design** - reduced complexity makes for easy maintenance by local technicians in the field

# PERFORMANCE

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# MODEL GTA



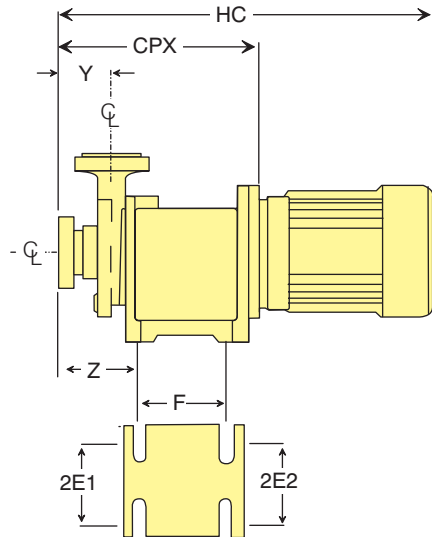
## Specifications

Configuration: .....Close-Coupled  
 Maximum Capacity:.....160 GPM [36 m<sup>3</sup>/hr]  
 Maximum TDH:.....190 Ft. [60m]  
 Maximum Power: .....10 hp @ 3500 rpm, 3 hp @ 1750 rpm - 60Hz  
 .....7.5 hp @ 2900 rpm, 2 hp @ 1450 rpm - 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:.....ANSI 150# RF-standard,  
 .....ANSI 300# RF-optional  
 Max. Solids Concentration/Size:.....5% concentration by weight, max. 150 μ

## Typical Applications

<p><b>Chemical:</b>                  Caustic                  Ethylene/Propylene Oxide                  Styrene                  Heat Transfer Fluids</p> <p><b>OEM:</b>                  Heat Transfer Fluids                  Caustic</p> <p><b>General Industry:</b>                  Nitric Acid                  Caustic                  Solvents                  Sulfuric Acid</p>	<p><b>Pulp and Paper:</b>                  Sulfuric Acid                  Hydrogen Peroxide                  Sodium Hypochlorite                  Methanol</p> <p><b>Pharmaceutical:</b>                  Heat Transfer Fluids                  Solvents</p> <p><b>Petroleum:</b>                  Sour Water                  Hydrocarbons                  Amines                  Sulfuric Acid</p>
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# OUTLINE DRAWINGS



**NOTE:**

This is not a certified drawing.  
Dimensions are for reference only and  
will vary with pump size selected.

Pump Size	Y	Z	2E1	2E2	F
1 x 1 x 5	3.38 (86mm)	5.63 (143mm)	5.38 (137mm)	5.38 (137mm)	3.12 (79mm)
2 x 1.5 x 5	4.31 (109mm)	6.75 (171mm)	5.38 (137mm)	5.38 (137mm)	3.12 (79mm)
1 x 1 x 6	4.13 (105mm)	6.50 (165mm)	5.38 (137mm)	5.38 (137mm)	3.12 (79mm)

Pump Size	HC (MAX) Motor Frame			CPX Motor Frame		
	143/145	182/184	213/215	143/145	182/184	213/215
1 x 1 x 5	21.88 (556mm)	26.75 (679mm)	29.50 (749mm)	11.06 (281mm)	11.38 (289mm)	11.69 (297mm)
2 x 1.5 x 5	23.00 (584mm)	27.75 (705mm)	30.50 (775mm)	12.19 (310mm)	12.50 (317mm)	12.81 (325mm)
1 x 1 x 6	22.75 (578mm)	27.50 (698mm)	30.25 (768mm)	11.88 (302mm)	12.19 (310mm)	12.50 (317mm)

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## WORLDWIDE LOCATIONS

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