

KONTRO[®]

Model GTA



SUNDSTRAND [™]
SEALLESS
ANSIMAG • HMD • KONTRO • SCMP

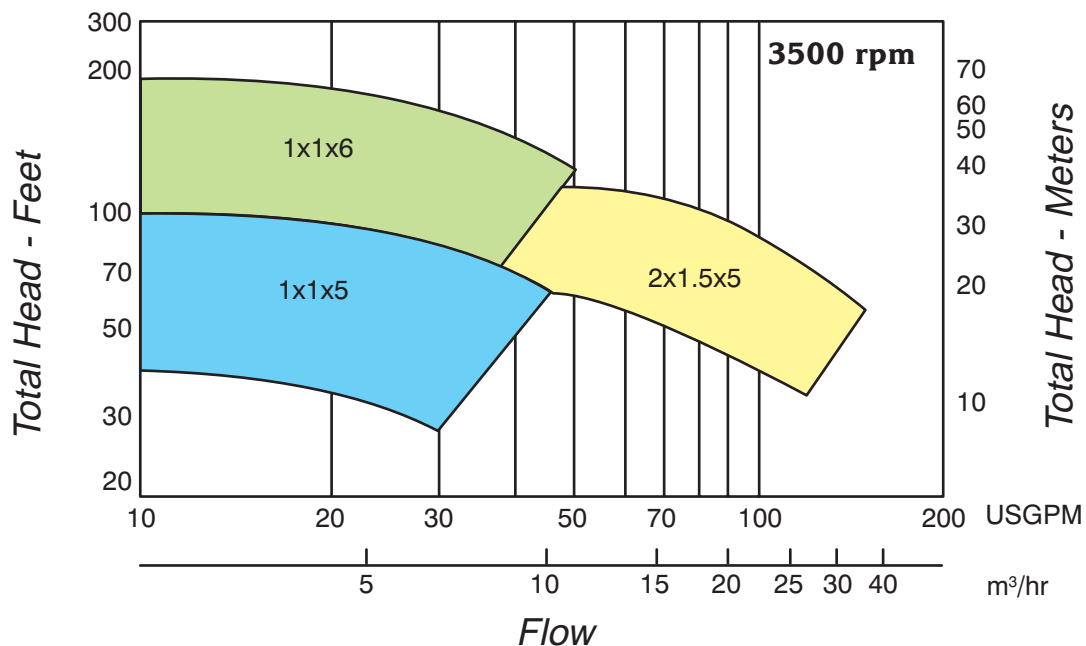
FEATURES

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.

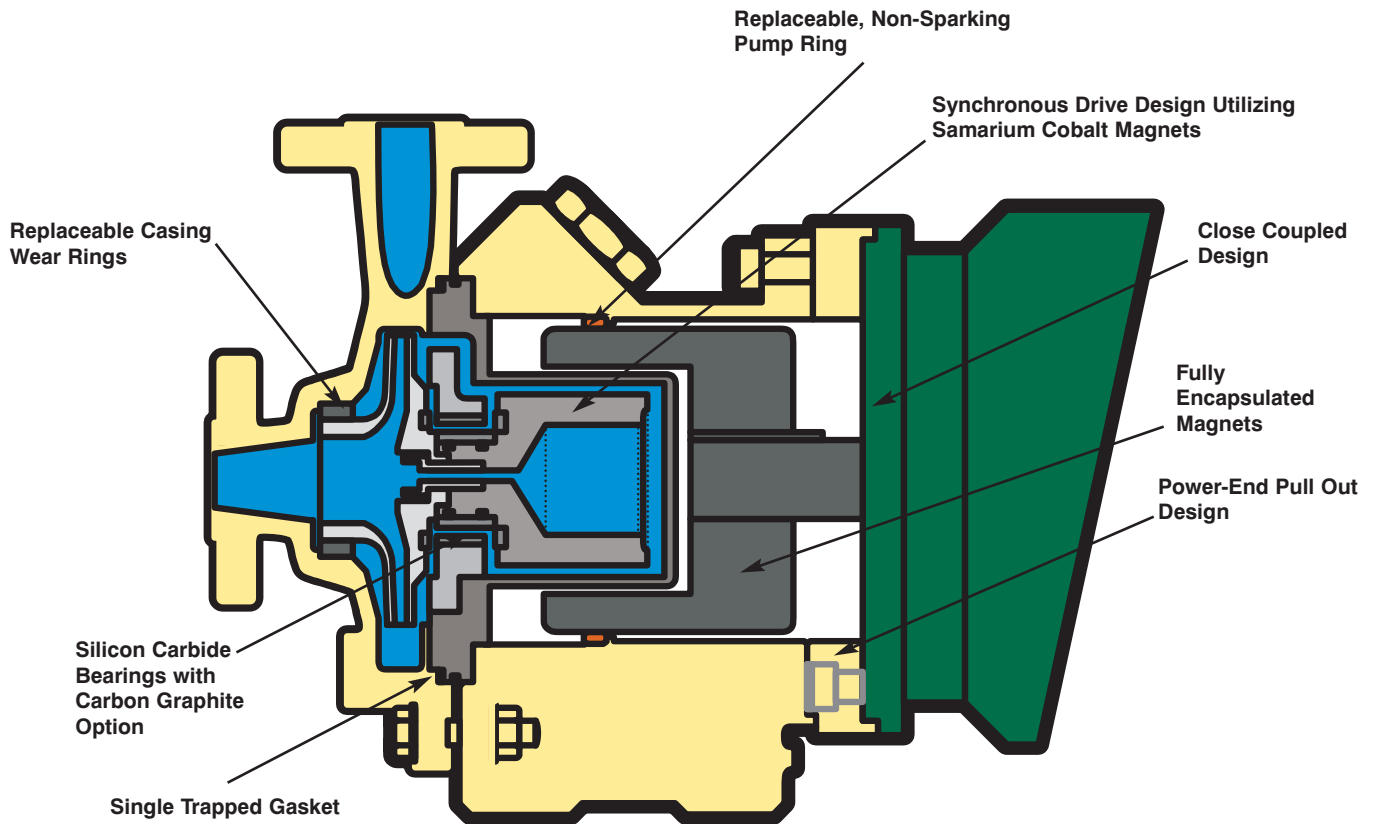
GTA Features and Benefits:

- **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



MODEL GTA



Specifications

Configuration:Close-Coupled
 Maximum Capacity:.....160 GPM [36 m³/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

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

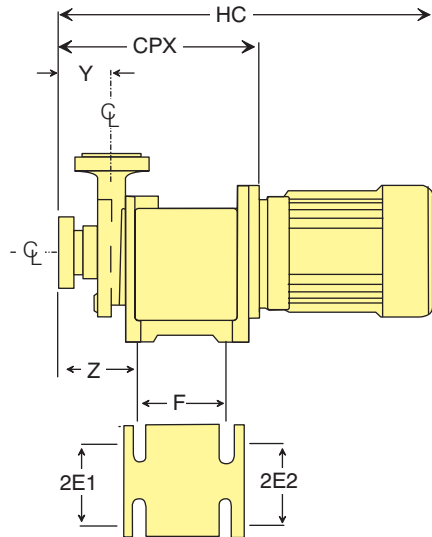
Pharmaceutical:

Heat Transfer Fluids
 Solvents

Petroleum:

Sour Water
 Hydrocarbons
 Amines
 Sulfuric Acid

OUTLINE DRAWINGS



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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