

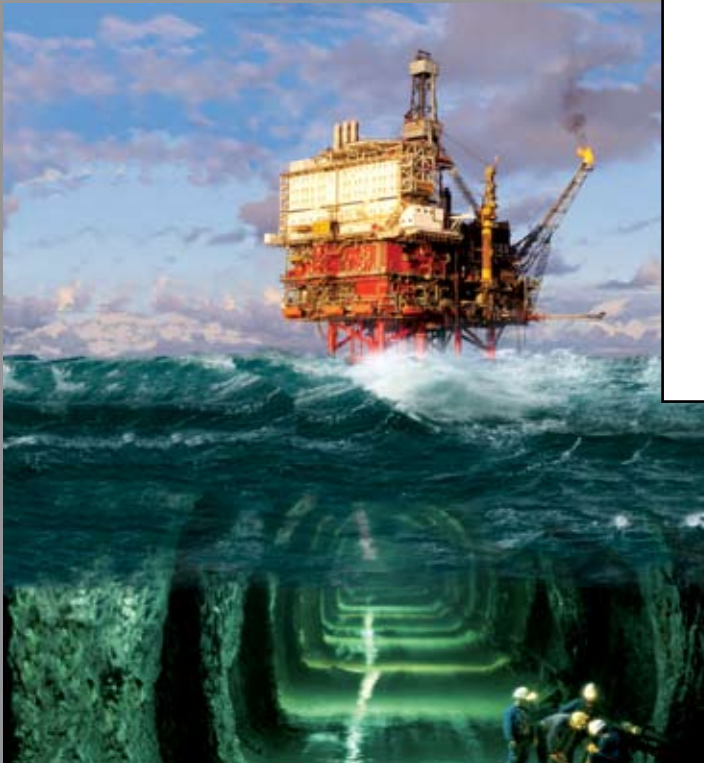


ITT

Utility/Gen. Industrial

Goulds Pumps

5"-11" Stainless Steel
Submersible Turbine



Goulds Pumps is a brand of ITT Residential and Commercial Water.

www.goulds.com

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FEATURES:

Discharge Bowl:

Discharge available in NPT thread or flanged.

Discharge Bearing:

State of the art thermoplastic water lubricated sleeve bearing is standard. Bronze grease-packed sealed bearing complete with 316SS plug available on request.

Intermediate Bowl:

Heavy duty design and investment cast for high industry leading durability and efficiency.

Impeller: Wide range of hydraulic coverage designed for maximum efficiency.

Thrust Washer: Designed with an extra margin of safety against upthrust at start up.

Intermediate Bowl Bearing:

State of the art thermoplastic sleeve bearings are standard. Self-flushing rubber is available on request.

Taper Locks:

Precision machined to ensure locking of impeller to pump shaft.

Suction Inlet:

Hydrodynamic design ensures smooth entrance flow. Oversized inlet screen prevents solids from entering hydraulic assembly.

Suction/Motor Adapter:

Heavy duty casting designed for strength, corrosion resistance, easy access to pump/motor coupling and ensure motor alignment.

Pump/Motor Coupling:

Precision machined and balanced for perfect alignment and power transmission.

Pump Shaft:

Designed for maximum strength and corrosion resistance. Turn, ground and polished for a smooth bearing surface.

Check Valve:

ITT/Goulds Pumps also offers a separate 316SS check valve with NPT threads.

Powered for Continuous Operation:

All hydraulic ratings are within the motor power ratings.

Submersible Motor:

All pumps are designed for use with NEMA submersible motor.



316SS CHECK VALVE

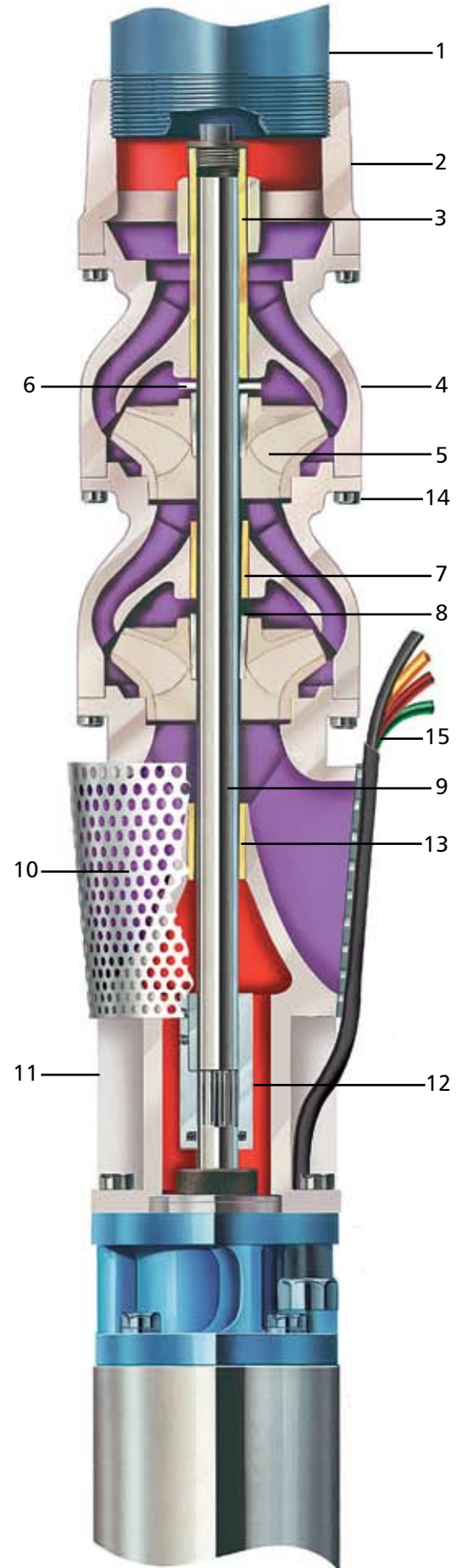
- 4", 6" and 8" sizes available.
- Female x Female NPT precision machined threads.
- Single stem, plunger type.
- 400 PSI pressure rating.

SPECIFICATIONS: 3450 RPM

Model	GPM Range	BEP	HP Range	Discharge Size	Motor Adapter	Min. Well Size
5CSLC	80-140	110	5-30	4"	6"	6"
5CSHC	100-180	150	5-40	4"	6"	6"
5TSLC	140-240	180	5-30	4"	6"	6"
5TSHC	190-300	240	5-50	4"	6"	6"
6CSLC	140-240	180	5-40	4"	6"	8"
6CSHC	190-300	240	5-50	4"	6"	6"
7WSEL	140-240	200	5-40	4", 6"	6", 8"	8"
7WSLC	170-310	250	7.5-60	4", 6"	6", 8"	8"
7CSLC	300-540	400	10-75	4", 6"	6"-8"	8"
7CSHC	350-580	500	15-125	4", 6"	6", 8"	8"
7TSLC	400-600	550	10-100	4", 6"	6", 8"	8"
7TSHC	500-750	650	15-150	4", 6"	6", 8"	8"
9CNLC	500-800	650	30-150	6"	6", 8", 10"	10"
9CNHC	600-1100	850	50-150	6"	6", 8", 10"	10"
9TNLC	900-1300	1100	40-200	6"	6", 8", 10"	10"
9TNHC	1000-1600	1300	50-200	6"	6", 8", 10"	10"
11CSLC	900-1500	1200	75-200	6", 8"	6", 8", 10"	12"

MATERIALS OF CONSTRUCTION:

Item	Description	Material	Specification
1	Column Pipe		By Others
2	Discharge Bowl	316 SS	ASTM A744 CF8M
3	Bearing - Discharge	Thermoplastic	Vesconite Hilub
4	Intermediate Bowl	316 SS	ASTM A744 CF8M
5	Impeller	316 SS	ASTM A744 CF8M
6	Thrust Washer	Polyethylene	HDPT
7	Bearing - Intermediate Bowl	Thermoplastic	Vesconite Hilib
8	Taper Lock	316 SS	ASTM A276 S31600
9	Shaft - Pump	316 SS	ASTM A276 S31600
10	Inlet Screen	304 SS	ASTM A240 S31600
11	Suction/Motor Adapter	316 SS	ASTM A744 CF8M
12	Pump/Motor Coupling	316 SS	ASTM A276 S31600
13	Bearing - Adapter	Thermoplastic	Vesconite Hilib
14	Bolting	316 SS	ASTM F593 S31600
15	Cable Guard	304 SS	ASTM A240 S31600

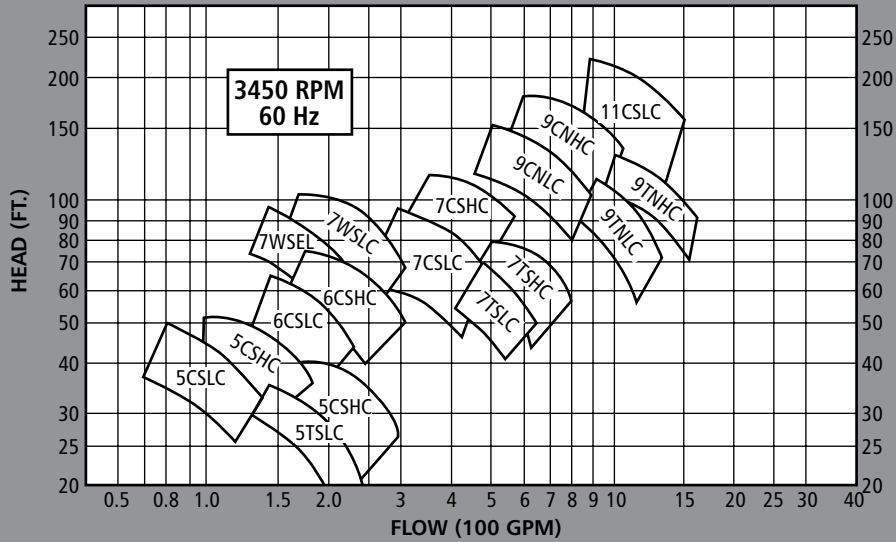




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3450 RPM Pump Performance Range Chart



Turbine Distribution Centers:

	Phone	Fax
LUBBOCK, TX P.O. Box 5487, Lubbock, TX 79408	1-806-763-7867	1-806-743-5730
MEMPHIS, TN 5815 Shelby Drive, Memphis, TN 38141	1-901-375-9965	1-800-453-4745
ORLANDO, FL 1150 Emma Oaks Trail, Suite 150, Lake Mary, FL 32746	1-407-829-7724	1-407-829-7725
FRESNO, CA 3878 S. Willow Ave., #104, Fresno, CA 93725	1-559-265-4730	1-800-453-7523 1-559-265-4740

Specifications & Special Projects:

LUBBOCK CUSTOMER SERVICE CENTER	1-806-763-7867	1-800-453-4749
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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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