



5"-11" Stainless Steel Submersible Turbine

F5-11AP3 R1

 **GOULDS**
WATER TECHNOLOGY
a xylem brand



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: Goulds Water Technology 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	Minimum 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	Code	Material Description	ASTM
1	Column Pipe	9645	Carbon Steel	A53
2	Discharge Bowl	1203	316SS	A744
3	Bearing - Discharge	6397	Vesconite H/L Thermoplastic	N/A
4	Intermediate Bowl	1203	316SS	A744
5	Impeller	1203	316SS	A744
6	Washer Upthrust	6266	TIVAR 1000	N/A
7	Bearing - Intermediate Bowl	6397	Vesconite H/L Thermoplastic	N/A
8	Collet-Impeller	2229	316SS	A276
9	Pump Shaft	2216	316SS	A276
10	Screen-Suction	3211	316SS	A240
11	Suction/Motor Adapter	1203	316SS	A744
12	Coupling Sub/Motor	2218	416SS	A582
13	Bearing-Suction	6397	Vesconite H/L Thermoplastic	N/A
14	Capscrew-Hex	2229	316SS	A276
15	Guard-Cable	3215	304SS	A240



