

AVAILABLE MOUNTING CONFIGURATIONS

6STX-F FRAME MOUNT
6STX-EM ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	300 GPM	68.1 m³/h
MAX FLOW	1680 GPM	381.6 m³/h
DISCHARGE SIZE	6"	152 mm
SUCTION SIZE	6"	152 mm
SOLIDS HANDLING	3"	76 mm
MAX RPM	1900 RPM	1900 RPM
SHUT OFF HEAD	170'	51.8 m
BEP HEAD	119'	36.3 m
BEP FLOW	1340 GPM	304.3 m³/h
BEP EFFICIENCY	62%	62%

PARTS	STANDARD MATERIAL (ALL IRON)
VOLUTE CASING	DUCTILE IRON, ASTM A536, 65-45-12
IMPELLER	DUCTILE IRON, ASTM A536, 100-70-03
IMPELLER WASHER	416 STAINLESS STEEL, HEAT TREATED
IMPELLER SCREW	304 STAINLESS STEEL
BACKPLATE/BACKET	DUCTILE IRON, ASTM A536, 65-45-12
WEAR PLATE	MILD STEEL
BEARING FRAME	DUCTILE IRON, ASTM A536, 65-45-12
SHAFT	17-4 PH STAINLESS STEEL
SHAFT SLEEVE	304 STAINLESS STEEL
FASTENERS	GRADE 5 STEEL
MECHANICAL SEAL	SILICON CARBIDE vs. SILICON CARBIDE, TYPE 2

- **FIVE-YEAR** warranty
- **Optional self-cleaning wear plate**
- **Modular bearing frame**
- **StarTech's Cycloseal® with type 2 seal**
- **Dual protection of bearings with external seal leakage monitor (vent to atmosphere)**
- **Retrofit-able with existing installations**



A typical picture of the pump is shown. Please contact Gemstone's Pump Company for further details. All information is approximate and for general guidance only.

StarTech's self-priming pump, with industry-leading efficiency, runs several percentage points higher than other manufacturers. Features patented Cycloseal® backplate and uniquely designed volute for best performance, with a 6" suction and 6" discharge.

High-efficiency design

- **Oversized oil reservoir for better cooling**
- **Replaceable shaft sleeve**
- **Heavy-duty ductile iron construction**
- **Designed for SAE conversion**
- **High RPM Capability**



AGRICULTURE



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REFRIGERATION



RENTAL

6STX - VARIOUS RPM

