DATA SHEET

3STX



AVAILABLE MOUNTING CONFIGURATIONS

3STX-F FRAME MOUNT 3STX-EM ENGINE MOUNT

OPERATING LEVELS		
MIN FLOW	75 GPM	17 m³/h
MAX FLOW	550 GPM	124.9 m³/h
DISCHARGE SIZE	3"	76 mm
SUCTION SIZE	3"	76 mm
SOLIDS HANDLING	2.50"	64 mm
MAX SPEED	2200 RPM	2200 RPM
SHUT-OFF HEAD	132′	40.2 m
BEP HEAD	92′	28 m
BEP FLOW	476 GPM	107.9 m³/h
BEP EFFICIENCY	56%	56%

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/BRACKET	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
- Cornell'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 Cornell Pump Company for further details. All information is approximate and for general guidance only.

Cornell's self-priming pump, with industry-leading efficiency, runs several percentage points higher than other manufacturers. Features patented Cycloseal[®] system and uniquely designed volute for best performance, with a 3" suction and 3" 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

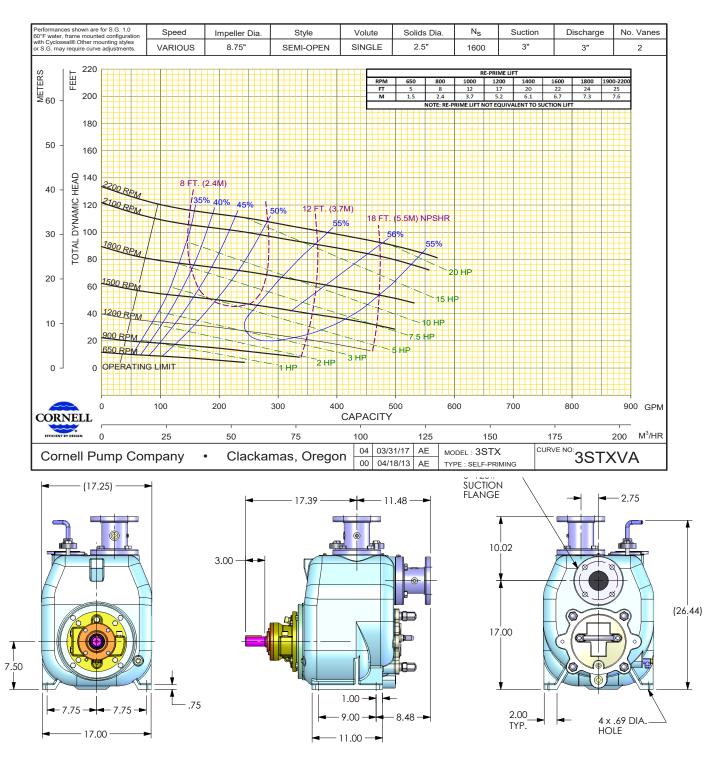


Cornell Pump Company | Clackamas, OR 97015 USA | www.cornellpump.com | P: +1 (503) 653-0330 | F: +1 (503) 653-0338

STX SERIES SELF-PRIMING PUMP DESIGN IS PROTECTED BY U.S. TRADEMARK REGISTRATION 6,104,949

CORNELL EFFICIENT BY DESIGN

3STX (VARIOUS RPM)



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