



# AQUARIUS PUMP COMPANY

## 3STX

### AVAILABLE MOUNTING CONFIGURATIONS

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

### OPERATING LEVELS

MIN FLOW	75 GPM	17 m <sup>3</sup> /h
MAX FLOW	550 GPM	124.9 m <sup>3</sup> /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 m <sup>3</sup> /h
BEP EFFICIENCY	56%	56%



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

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

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
- Aquarius's Cycloseal<sup>®</sup> with type 2 seal
- Dual protection of bearings with external seal leakage monitor (vent to atmosphere)
- Retrofit-able with existing installations

- 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



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL



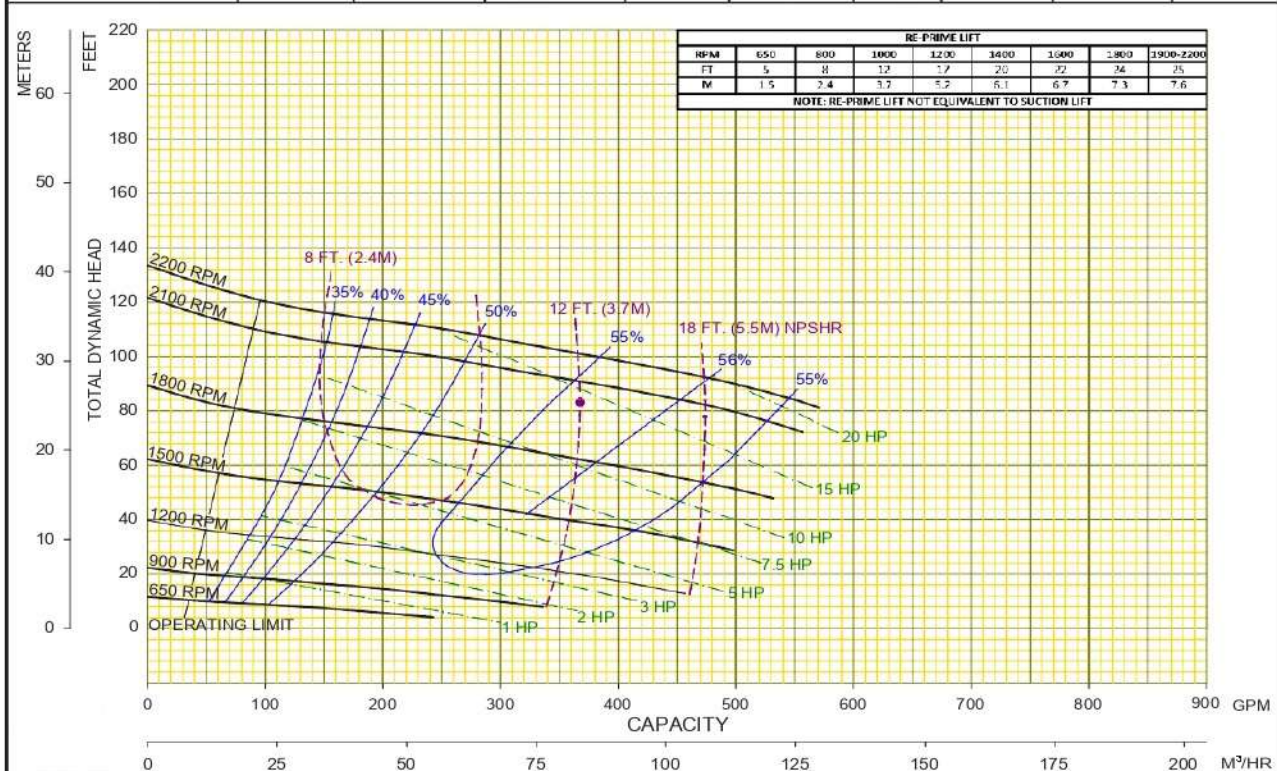
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### 3STX (VARIOUS RPM)

Performances shown are for S.G. 1.0  
60°F water, frame mounted configuration  
with Cyclone air. Other mounting styles  
or S.G. may require curve adjustments.

Speed	Impeller Dia.	Style	Volute	Solids Dia.	Ns	Suction	Discharge	No. Vanes
VARIOUS	8.75"	SEMI-OPEN	SINGLE	2.5"	1600	3"	3"	2



Aquarius Pump Company	04	03/31/17	AE	MODEL: 3STX	CURVE NO.: 3STXVA
	00	04/18/13	AE	TYPE: SELF-PRIMING	

