



AQUARIUS PUMP COMPANY

8STX

AVAILABLE MOUNTING CONFIGURATIONS

8STX-F FRAME MOUNT
8STX-EM ENGINE MOUNT

OPERATING LEVELS

| | | |
|-----------------|----------|-------------------------|
| MIN FLOW | 290 GPM | 66.7 m ³ /h |
| MAX FLOW | 2880 GPM | 662.4 m ³ /h |
| DISCHARGE SIZE | 8" | 200 mm |
| SUCTION SIZE | 8" | 200 mm |
| SOLIDS HANDLING | 3" | 7.6 mm |
| MAX SPEED | 1800 RPM | 1800 RPM |
| SHUT-OFF HEAD | 216' | 65.8 m |
| BEP HEAD | 146' | 44.5 m |
| BEP FLOW | 2260 GPM | 513.3 m ³ /h |
| BEP PERCENT | 67% | 67% |



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[®] backplate and uniquely designed volute for best performance, with a 8" suction and 8" discharge.

| PARTS | STANDARD MATERIAL (ALL IRON) |
|------------------|---|
| VOLUTE CASING | DUCTILE IRON |
| IMPELLER | DUCTILE IRON |
| IMPELLER SCREW | 304 STAINLESS STEEL |
| BACKPLATE/BACKET | DUCTILE IRON |
| WEAR PLATE | CAST IRON |
| BEARING FRAME | DUCTILE IRON |
| SHAFT | 17-4 PH STAINLESS STEEL |
| SHAFT SLEEVE | 416 STAINLESS STEEL |
| FASTENERS | GRADE 5 STEEL |
| MECHANICAL SEAL | SILICON CARBIDE VS. SILICON CARBIDE, TYPE 2 |

- Available with ANSI or DIN flanges & frame or engine mount
- Optional self-cleaning wear plate
- Modular bearing frame
- Aquarius's Cycloseal[®] 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
- FIVE-YEAR warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



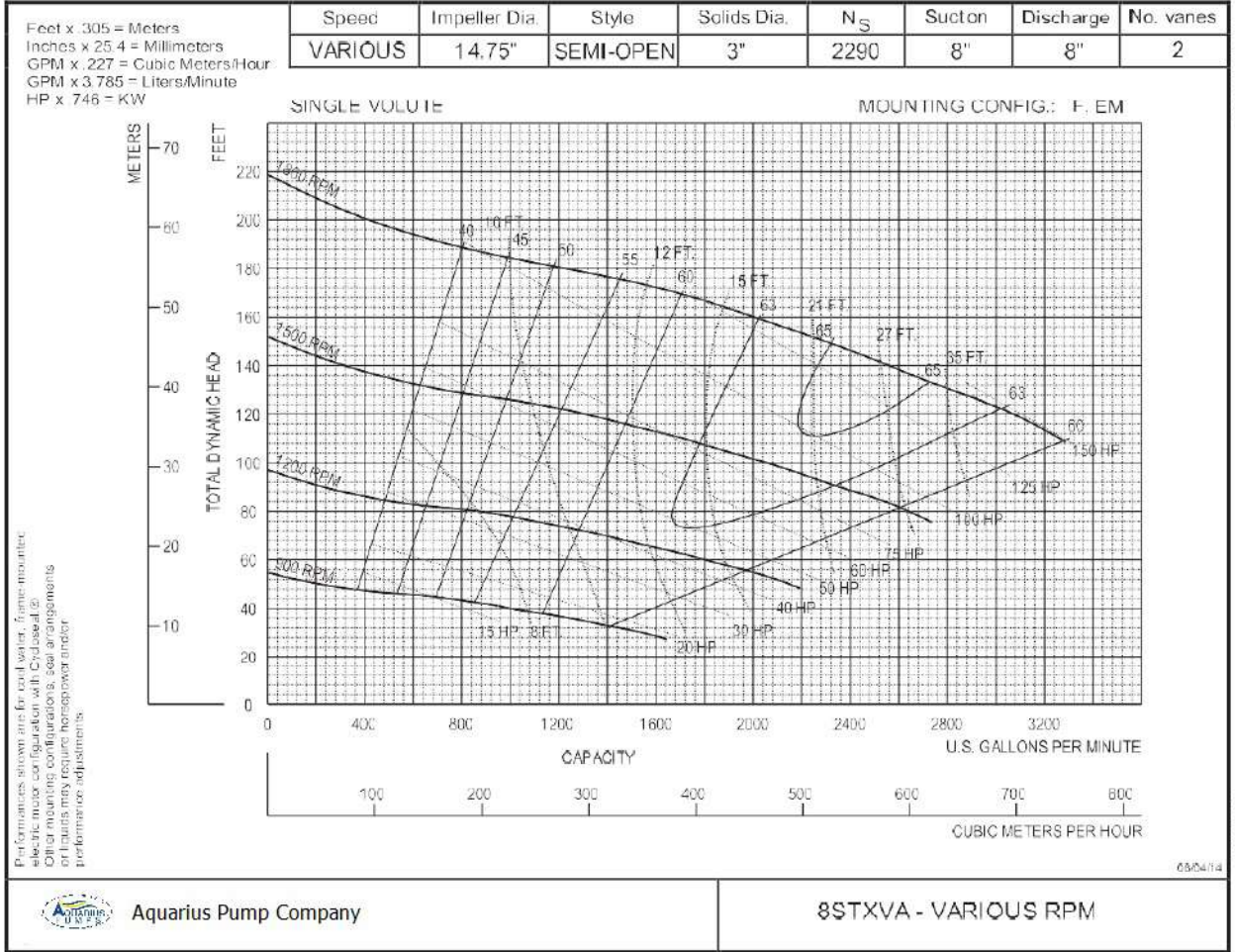
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PRODUCT DATA SHEET

AQUARIUS PUMP COMPANY

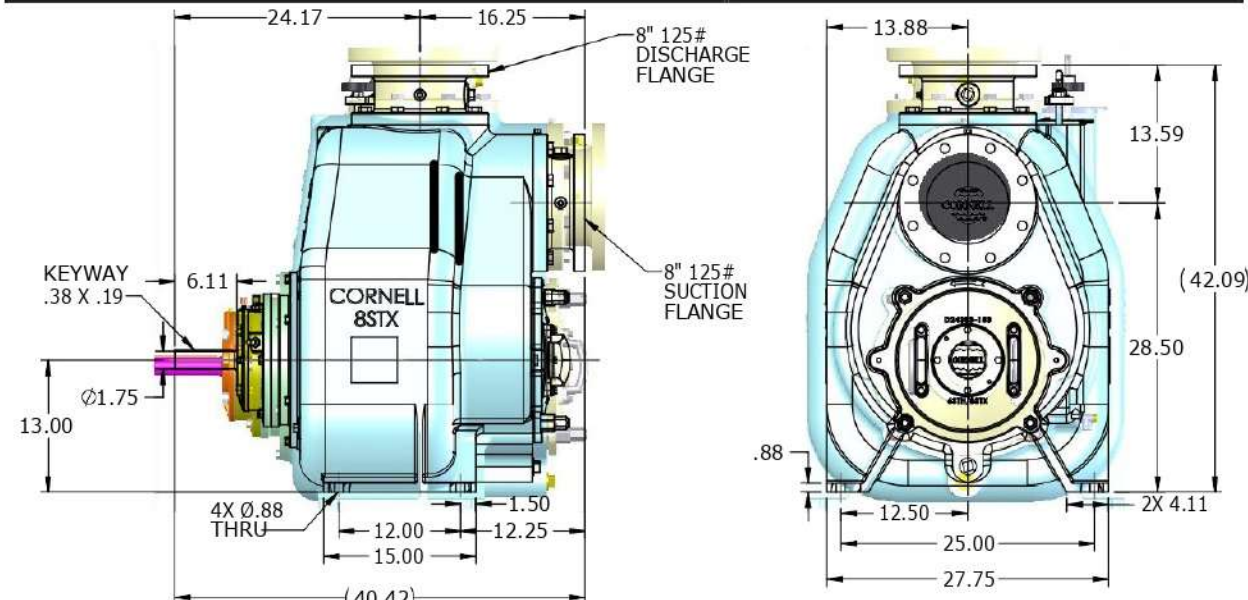
8STX



NEW PAGE

8STXVA

Aquarius Pump Company
8STXVA - VARIOUS RPM



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