

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/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 • KamalBlower'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 KamalBlower's Solutions LLC for further details. All information is approximate and for general guidance only.

KamalBlower'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**



FOOD















MUNICIPAL

REFRIGERATION

AGRICULTURE



6STX

6STX - VARIOUS RPM

60°F water	ces shown are , frame mounte	ed configuration	Speed	Impeller Dia.	Style	Volute	Solids Dia.	Ns	Suction	Discharge	No. Vanes
or S.G. ma	seal®.Other m y require curve	ounting styles adjustments.	VARIOUS	12.38"	SEMI-OPEN	SINGLE	3"	1940	6"	6"	2
METERS -	220 200										
50 -	180 160	1900 RPM 1800 RPM	30	⁷⁰ 35%	FT. (2.4M)		(3.1M)	(4.200)			
40 -	140 HIC HEAD 120					55%	60%	(4.3M) 18 FT. 62%		(7.0M) NPSHR	
30 -	140 TOTAL DYNAMIC HEAD 00 00 00 00 00 00 00 00 00 00 00 00 00	1500 RPM								60% 60 HP	
20 -	ි දි 80 60	1200 RPM								58% 50 HP 40 HP	
10 -	40	900 RPM 650 RPM					10 HF	15 HP) HP	
0 -	0	OPERATIN	IG LIMIT			5 HP					
		0	200	400	600 800	0 10 CAPACITY	000 1:	200	1400	1600	1800 GPM
Kan		wer Solu	50	100	150	200	250 3/14 CTG M	300 DDEL : 6STX	CUID	VE NO:	400 M³/HR
KamalBlower Solutions LLC 05 10/13/14 CTG MODEL: 6STX TYPE: SELF-PRIMING											· · ·



