

SAND GUZZLER

Mix & Match parts to suit your needs.

How to specify:

Pump Size		
T06	6" Impeller x 2-1/2" FPT	
T09	9" Impeller x 3" Cam Lock 350 gpm	
T11	11" Impeller x 4" Cam Lock 500 gpm	

Housing	
CI	Cast Iron
AL	Aluminum
PH	Poly
RK	Rebuild Kit w/out Motor & Housing
RM	Rebuild Kit w/Motor does not include Housing

Impeller	
C	Cast Iron
A	Aluminum
P	Poly

Impeller	
HP	High Pressure (Poly Only)
SP	Standard Pressure

Sand Guzzler Specifications:

Mud 0-500 gpm
 Hydraulic Oil 10-20 gpm @ 2000 psi
 *All Sand Guzzler pumps come with the Parker Hydraulic Motor:
 Tibban Part# SG001001 Max RPM 3000 Max PSI 3000

Impeller Options:



Aluminum: Good for clear water only; abrasion will wear quickly.
Cast Iron: Will last 2-3 times longer than aluminum; can be used with all drilling muds.
Poly: Will last 2-3 times longer than the cast iron; can be used with all types of drilling fluid.



Housing Options:

Aluminum: Weighs less than the cast iron
Cast Iron: Weighs more than the aluminum but will last 2-3 times longer
Poly: Weight is minimal and although more expensive it will be cost effective because of longevity. Weighs less than the aluminum housing.

Flow Rates:

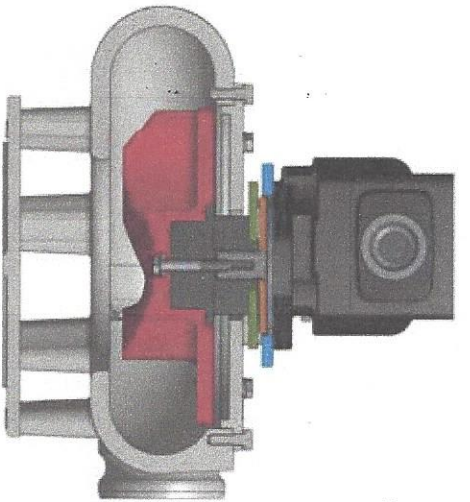
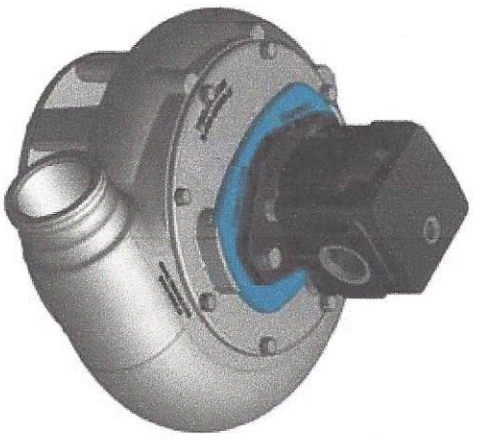
T11 Sand Guzzler 500 GPM

Hydraulic GPM	5	6	7	8	9	9.25	10
11" Standard Impeller							
Hydraulic PSI	1030	1280	1720	2210	2660	2940	
Discharge PSI	4	7	9	13	16	19	
Water Capacity GPM	321	366	442	508	566	582	
11" High Pressure Impeller							
Hydraulic PSI	1535	2070	2550	2570			2900
Discharge PSI	15	20	23	23			25
Water Capacity GPM	432	517	582	591			612

T09 Sand Guzzler 350 GPM

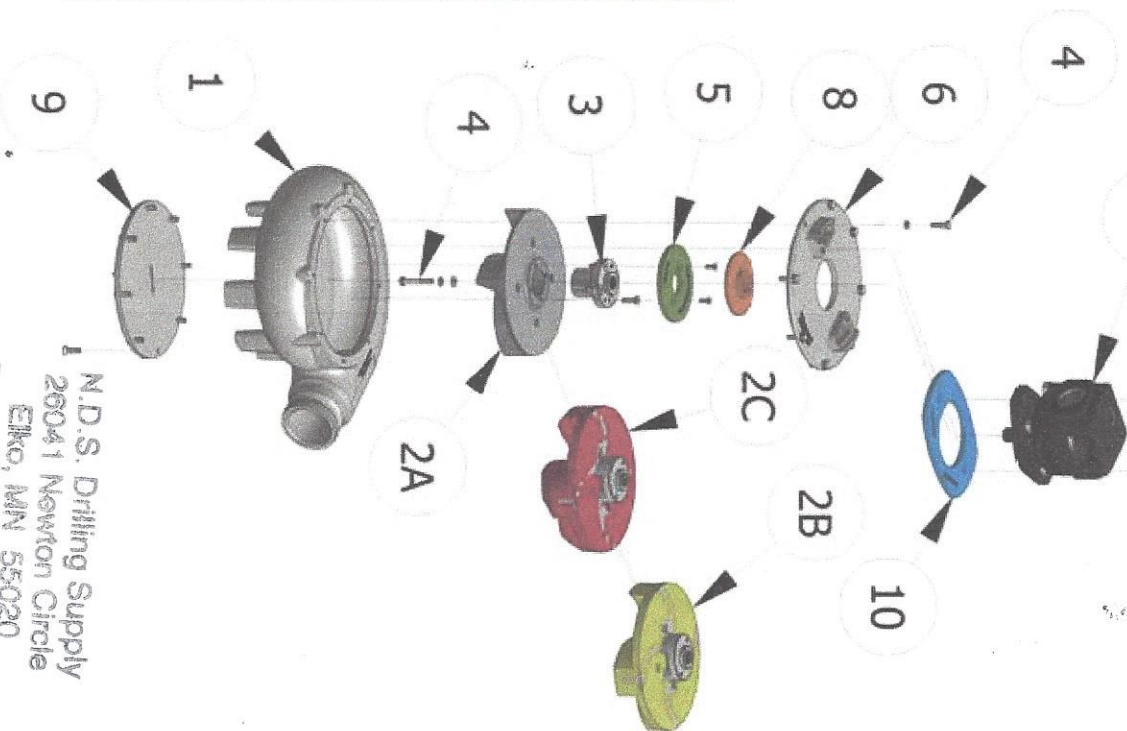
Hydraulic GPM	5	7	8	9	10	11	12	12.5
9" Standard Impeller								
Hydraulic PSI	560	960	1290	1615	1930	2460	2550	2840
Feet of Head	0.2	8	13	17	22	30	32	36
Water Capacity GPM	210	294	302	395	435	476	492	513
9" High Pressure Impeller								
Hydraulic PSI	630	1040	1340	1660	2100	2330	2680	2860
Feet of Head	6	10	15	21	27	32	39	46
Water Capacity GPM	236	324	370	411	455	472	496	488

* All values are with the pump submerged in a constant 24" of clear water and measured at the pump & motor nearest points.

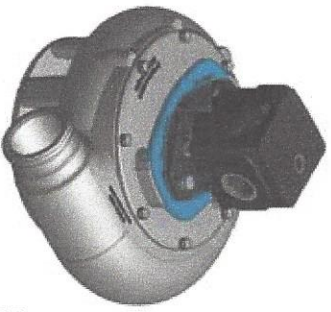
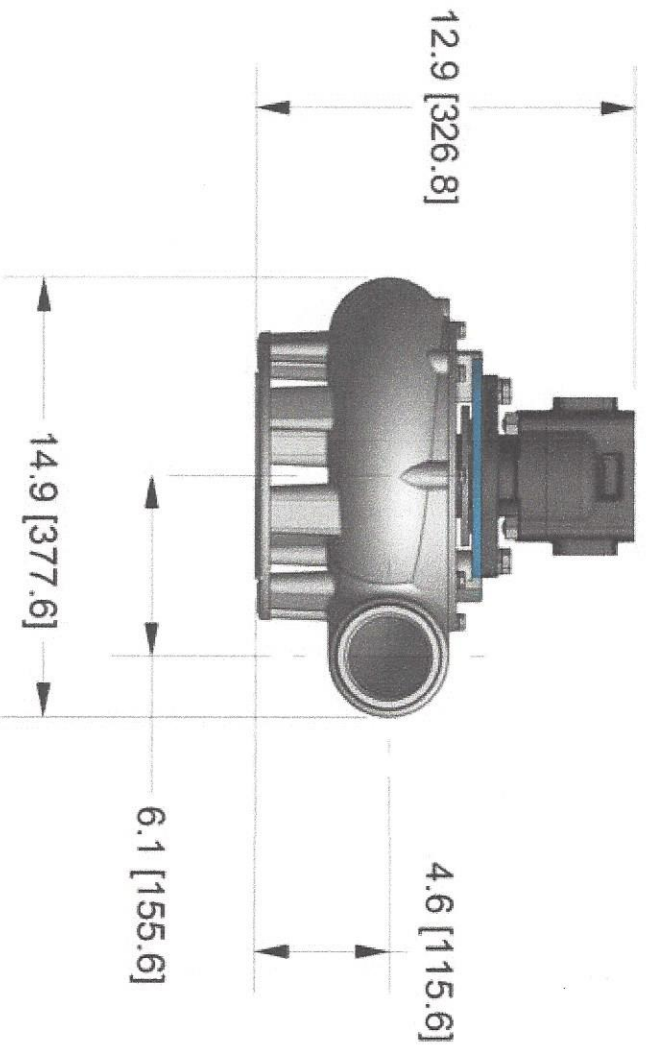
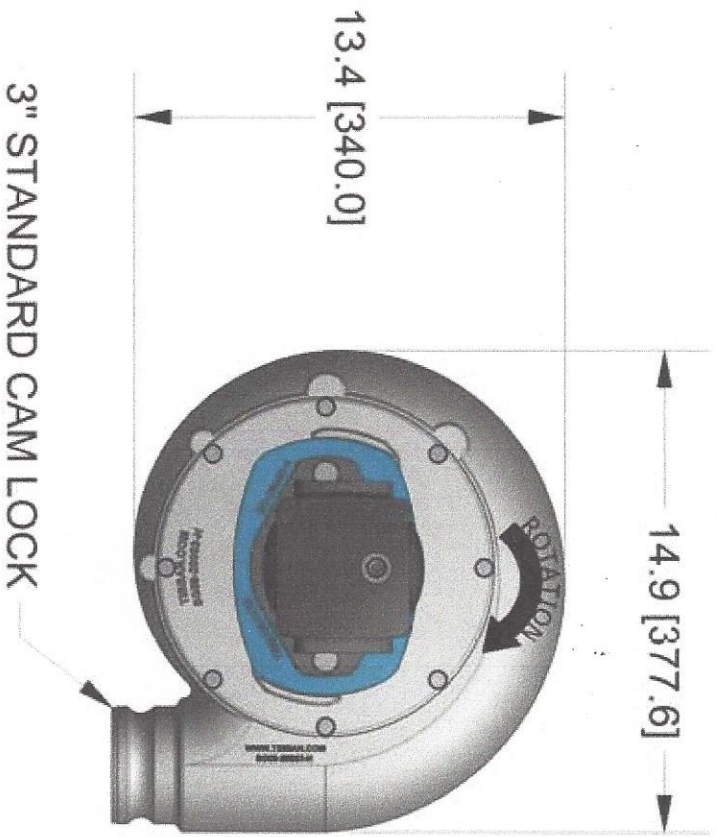


T09 Sand Guzzler Exploded View

Item	Qty	Part Number	Description	Material
Tibban T09 Sand Guzzler				
Standard Pump Selection				
4	1	T09-BK	Boit Kit	Steel
5	1	SG00022	Sand Guzzler Splasher Plate	Steel
7	1	SG001001	Pick Up Pump Parker Motor	Varies
8	1	MP12613-2	Hub Spacer	Steel
9	1	SG09-30004	Base Plate	Aluminum
10	1	SG-20003-1	Sand Guzzler Motor Mount Plate	Aluminum
Housing Selection				
Aluminum Option - Good for clear water only; abrasion will wear quickly				
1	1	T09-01-G1-AL	Housing	Aluminum
Cast Iron Option - Weighs more than aluminum but lasts 2-3 times longer				
1	1	T09-01-G1-CI	Housing	Cast Iron
Polyurethane Option - Lasts 2-3 times longer than cast iron and weighs less than aluminum				
1	1	SG09-30002	Housing	Polyurethane
Impeller and Top Plate Selection				
Aluminum Option - Weighs less than cast iron and less durable				
2A	1	T09-02-G1-AL	Impeller	Aluminum
6	1	T09-03-G1-AL	Top Plate	Aluminum
3	1	T11-16-6-1	Spined Hub	Steel
Cast Iron Option - Lasts 2-3 times longer than aluminum; can be used with all drilling muds; cost effective but weighs more than aluminum				
2A	1	T09-02-G1-CI	Impeller	Cast Iron
6	1	SG09-2003-CI	Top Plate	Cast Iron
3	1	T11-16-6-1	Spined Hub	Steel
Polyurethane Standard Pressure Option - Weighs less than aluminum and cast iron and lasts 2-3 times longer than aluminum				
2B	1	T09-02-P	Standard Pressure Impeller	Polyurethane
2C	1	MP301020	High Pressure Impeller	Polyurethane



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T09 Sand Guzzler Dimensions