

R.B. Mosher Co.

Mosherflo-ST, SU, and STX Self-Priming Pumps



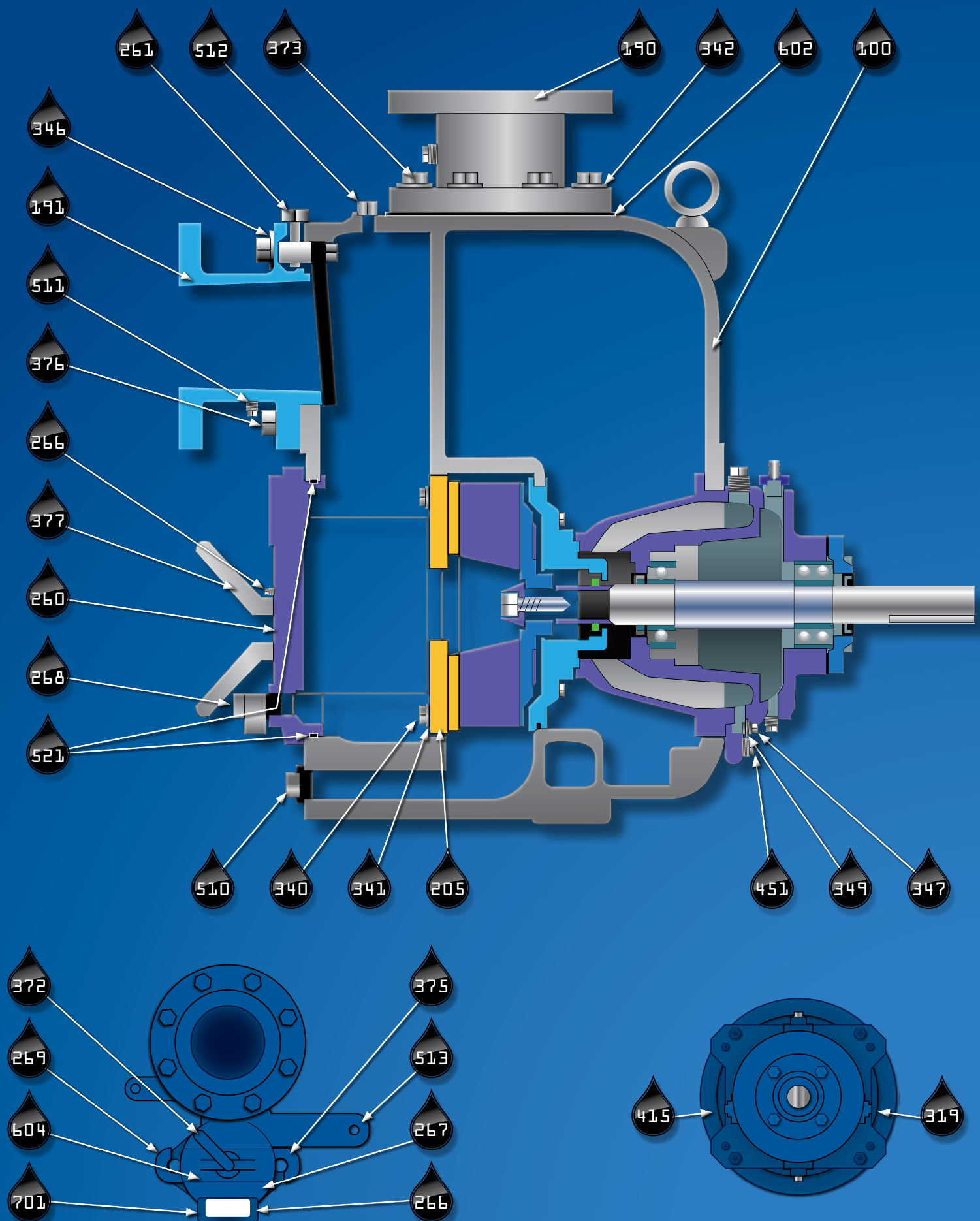
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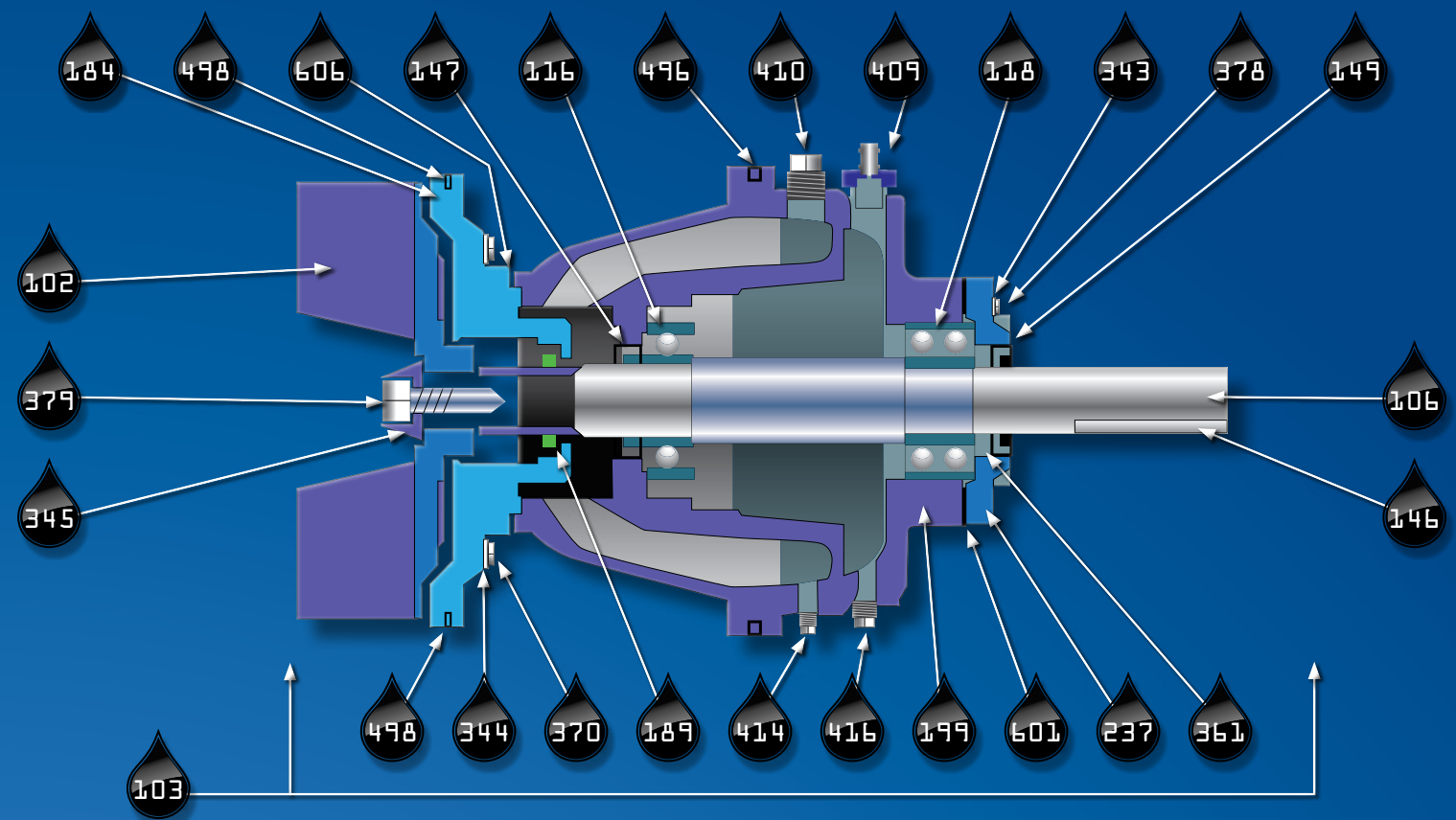
Mailing Address:
Drawer - A
Dickinson, TX 77539

www.rbmosherco.com

ST & SU Parts List



ST & SU Rotating Assembly



Item	Qty	Description	Item	Qty	Description	Item	Qty	Description
100	1	Casing	319	1	Sight Glass	409	1	Plug, Vented
102	1	* Impeller	340	2	Nut, Wear-plate	410	2	Plug, Vent
103	1	* Rotating Assembly	341	2	Washer, Wearplate	412	1	O-Ring, Sleeve
106	1	Shaft	342	4	Washer, Dish Flange	414	1	Plug, Seal Cavity Drain
116	1	Bearing, IB	343	4	Lockwasher, OB Cover	415	1	Plug
118	1	Bearing, OB	344	4	Lockwasher, Hsg To Seal Plate	416	1	Plug, Bearing Hsg Drain
126	1	Shaft Sleeve	345	1	Washer, Impeller	450	1	Shim Set, Impeller
146	1	* Coupling Key	346	4	Washer, Suction Flange	451	4	Adjusting Screw, Rotating Assembly
147	1	* Lip Seal, IB	347	4	Bolt, Hsg To Case	496	1	O-Ring, Rotating Assembly
149	1	Lip Seal, OB	349	4	Washer, Hsg To Case	498	1	* O-Ring, Seal Plate
184	1	Seal Plate	361	1	Retaining Ring, OB	510	1	Plug, Casing Drain
189	1	* Seal Assembly With Sleeve	370	4	Bolt- Hsg To Seal Plate	511	1	Plug, Suction Flange
190	1	Discharge Flg-Std Flanged	372	1	Clamp Bar Screw	512	1	Plug, Vent
191	1	Suction Flg-Std Flanged	373	4	Bolt, Dish Flange	513	1	Plug, Vent
192	1	Discharge Flg-Option Threaded	374	4	Drive Screw, Warning Plate	521	1	* O-Ring, Cover To Case
193	1	Suction Flg-Option Threaded	375	2	Bolt, Priming Cover	601	1	* Gasket - Bearing Cap
199	1	Bearing Housing	376	4	Bolt, Suction Flange	602	1	* Gasket - Discharge Flange
205	1	Wear Plate	377	2	Hand Nut, Front Cover	603	1	Gasket - Primer Cover
237	1	Bearing Cap	378	4	Bolt, OB Cover To Hsg	604	1	Cover, Priming With Warning Plate
260	1	Cover Plate Assembly	379	1	Bolt, Impeller	606	1	* Seal Plate Gasket
261	1	Flapper Valve Assembly	380	1	Handle, Front Cover	700	1	Warning Plate, Front Cover
266	1	Drive Screw - Warning Plate	381	2	Bolt, Handle To Front Cover	701	1	Warning Plate, Priming Cover
267	1	Primer Cover	382	2	Washer, Handle To Front Cover			
268	1	Relief Valve	407	1	Bushing Reduced- Vent			
269	1	Clamp Bar, Priming Cover	408	1	Air Vent			

* INDICATES PARTS RECOMMENDED FOR STOCK

All Mosherflo ST,SU, and STX Series are replacement parts for the Gorman-Rupp Models T®,U®, and Super T® Series. All pumps are hydrostatically pressure tested prior to shipment. All OEM names, numbers, descriptions, or likenesses are used for reference purposes only. It is not advertised that any part herein is a product of this OEM manufacturer. (U series®, T series®, and Super T® Series, are all registered trademarks of Gorman-Rupp and are not associated with R.B. Mosher Company or its products)

ST3 v STX3

Parts interchangeability:

- Impeller
- Seal assembly
- OB Bearing
- IB Bearing
- Seal Plate
- Wear plate Assembly

Other Info:

- RA's interchange
- Cover-plate Assemblies do not interchange– T has two (2) hand lever point attachment, exterior adjustments , O-rings and inlet nozzle.
- T series has a different Casing
- Exterior dimensions are equivalent
- Super T3 utilizes the external shimless cover-plate adjustment and 2) 1/16” thick spacers on rotating assembly side.
- Hydraulics are the same.

ST4 v STX4

Parts interchangeability:

- Impeller
- Seal assembly
- Seal Plate
- Wear plate Assembly

Other Info:

- RA's interchange
- Cover-plate Assemblies do not interchange– T has two (2) hand lever point attachment, exterior adjustments , O-rings and inlet nozzle.
- T series has a different Casing
- Exterior dimensions are equivalent
- Super T4 requires different OB and IB Bearings
- Super T4 utilizes the external cover-plate adjustment and 2) 1/16” thick spacers on rotating assembly side
- Hydraulics are the same.

ST6 v STX6

Parts interchangeability:

- Wear plate Assembly

Other Info:

- RA's interchange
- Cover-plate Assemblies do not interchange
- T series has a different Casing
- Exterior dimensions are equivalent
- Super T6 requires a different shaft
- Seal Assembly is different – Super T6 utilizes the 1 7/8” seal
- Super T6 requires different OB and IB Bearings
- Super T6 utilizes the external shimless cover-plate adjustment and 2) 1/16” thick spacers on rotating assembly side
- Hydraulics are the same.

ST8 v STX8

Parts interchangeability:

- Wear plate Assembly
- IB Bearings
- OB Bearings
- Seal plate
- Impeller

Other Info:

- RA's are interchangeable
- Cover-plate Assemblies are not interchangeable (tapered inlet nozzle, O-rings)
- Super T8 RA offers vent chamber and bearing protection
- Both utilize a cartridge seal
- Exterior dimensions are equivalent
- Shaft is different (Super T has more lip seals)
- Seal Assembly is different – Super T6 utilizes the 1 7/8” seal
- Super T8 utilizes the external shimless cover-plate adjustment and 2) 1/16” thick spacers on rotating assembly side
- Hydraulics are the same.

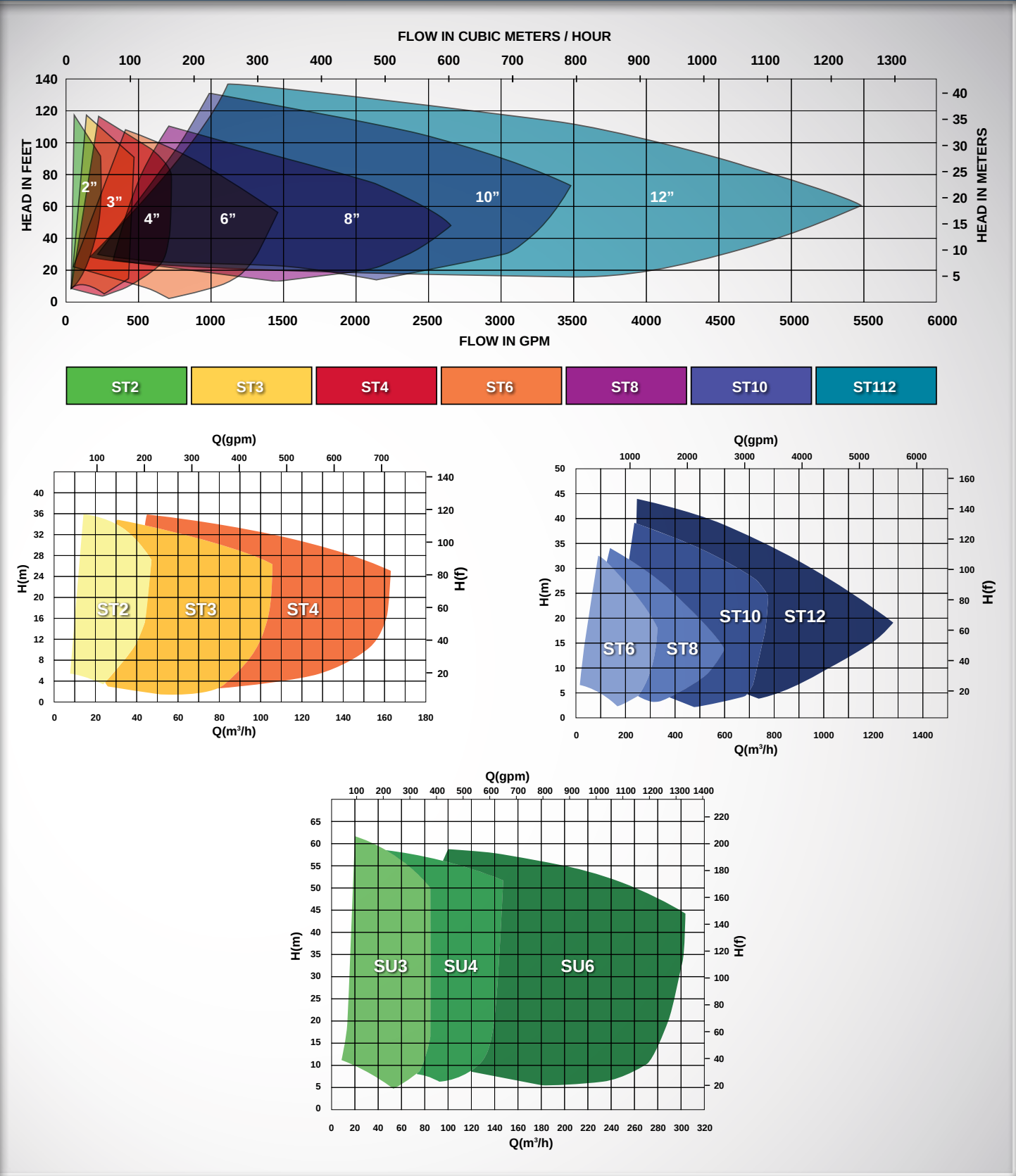
ST10 v STX10

Parts interchangeability:

- IB Bearings
- OB Bearings
- Seal Impeller

Other Info:

- RA's interchange
- Super T10 RA offers vent chamber and bearing protection
- Only Super T10 utilizes a cartridge seal
- Exterior dimensions are equivalent
- Shaft is different
- Impeller to wear plate adjustments are the same on both pumps – adjust from RA side (no cover-plate adjustments)
- Hydraulics are the same.



ST & SU Flow in GPM

PUMP SIZE	ST 2”	ST 3”	ST 4”	ST 6”	ST 8”	ST 10”
RPM RANGE	650 - 2900	650 - 2150	650 - 1950	650 - 1550	650 - 1350	650 - 1450
MAX SOLIDS	1.75”	2.5”	3”	3”	3”	3”

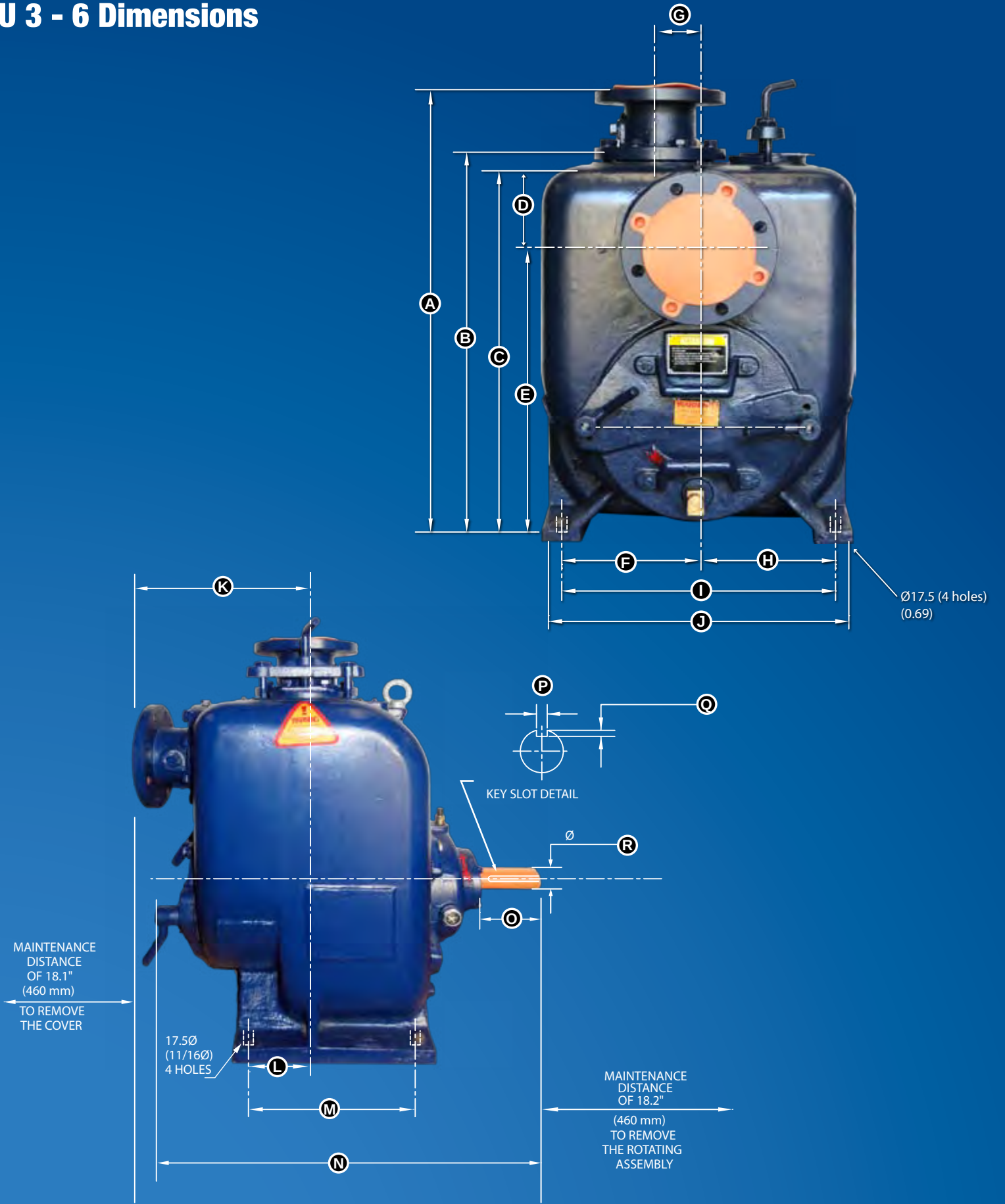
PUMP SIZE	SU 3”	SU 4”	SU 6”
RPM RANGE	650 - 2900	650 - 2150	650 - 1950
MAX SOLIDS	1.75”	2.5”	3”

ST 2 - 10 Dimensions



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
ST 2	N/A	16.92	15.55	3.04	12.51	5.53	2.75	5.53	11.06	12.14	9.21	2.12	6.42	21.53	4.05	0.38	0.21	1.5
ST 3	27.06	22.25	21	4	17	7.75	2.75	7.75	15.5	17	11.6 / 11.56	3	9	28.57	4	0.38	0.21	1.5
ST 4	29.25	25.75	24.38	4.88	19.5	9	2.75	9	18	19.75	12.5	3.06	11	32	5	0.38	0.21	1.5
ST 6	35.31	29.88	28.25	5.87	22.38	10.38	2.75	10.38	20.75	22.75	16	3.06	11	35.5	5	0.38	0.21	1.5
ST 8	42.06	37.81	36	7.5	28.5	12.5	0	12.5	25	27.75	16.25	4	12	40.28	6.69	0.38	0.21	1.75
ST 10	41.25	41.25	N/A	N/A	25.19	12.5	0	12.5	25	27.75	28	4	12	48.71	4.81	0.38	0.21	1.75

SU 3 - 6 Dimensions



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
SU 3	27	22.23	N/A	5.23	17	7.75	2.75	7.75	15.5	17	11.5	3	9	26.25	4.06	0.38	0.19	1.5
SU 4	29.68	26.25	24.87	4.87	20	9	2.75	9	18	20	12.31	3.81	11	29.59	4.97	0.38	0.19	1.5
SU 6	35.32	29.88	28.25	7.51	22.38	10.38	2.75	10.38	20.76	23	16	3.06	11	33.25	4.97	0.38	0.19	1.75

Additional Product Lines

ANSI SERIES PUMPS

All Mosherflo D and G Series are replacement parts for the Goulds® and Durco® ANSI series pumps. All pumps are hydrostatically pressure tested prior to shipment. All OEM names, numbers, descriptions, or likenesses are used for reference purposes only. It is not advertised that any part herein is a product of this OEM manufacturer.



BASKET & Y-STRAINER

We stock Cast Iron, Bronze, Carbon and Stainless Steel in a wide variety of sizes and pressures. These strainers are available in screwed, socketweld, or flanged ends. All products manufactured by Titan FCI are 100% hydrostatically tested in accordance with applicable ANSI, MSS standards and customer specifications.



FILTER RENTALS

R. B. Mosher Company offers your company a unique way of solving your filtration needs, without the high cost of purchasing. Whether your job requires a week, month, or a year-long filtration program, we can accommodate your needs.



STEAM TRAPS

Our inventory of steam traps is extensive, and we carry a variety of brands such as SPIRAX SARCO, ARMSTRONG, YARWAY, HOFFMAN, and others. Many are in stock and ready for immediate delivery.



Featured Suppliers



For more information on these products or any of our other products, give us a call and let one of our sales representatives assist you. If you are looking for a filter that is not on our list, call us anyway since we are always adding to our rental fleet. We look forward to hearing from you soon.

R.B.M. Staff

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