

PRODUCT SPECIFICATIONS

MODEL: SST

TWIN SCREW PUMP



PERFORMANCE RANGE

- 1. Handling various medium without solid.
- 2. Viscosity: 1–1500 cSt, the viscosity can reach up to 3×10^6 cSt when reduced the speed.
- 3. Pressure range: ≤ 4.0 MPa
- 4. Capacity range: 1–2000 m³/h
- 5. Temperature range: -15°C–280°C

APPLICATION

- 1. Ship building: used for marine as cargo and stripping pump, ballast pump, lubricating oil pump for main machine, fuel oil transfer and spray pump, load or unload oil pump.
- 2. Power plant: Heavy and crude oil transfer pump, Heavy oil burning pump.
- 3. Chemical industry: Transfer for various acid, alkali solution, resin, color, printing ink, paint, glycerin and paraffin wax.
- 4. Oil refinery: Transfer for various heating oil, asphalt oil, tar, emulsion, asphalt, and loading and unloading various oil goods for oil tanker and oil pool.
- 5. Food industry: used for brewery, food products factory, sugar refinery, tin factory to transfer alcohol, honey, sugar juice, toothpaste, milk cream, soy sauce, vegetable oil, animal oil and wine.
- 6. Oil field: Transfer for various oil goods and crude oil etc.

FEATURES

- 1. Delivery various medium smoothly without any disturbing and pulsation. There is medium to be pumped throughout in the working elements as sealing liquid which guaranteed by the construction of pump casing. All the pump possesses high self-priming ability and can deliver the liquid mixture with gas or air.
- 2. The high suction performance, is very low NPSH was guaranteed by the special design of pump.
- 3. Adopted the external bearing which lubricated individually, so can deliver various non-lubrication medium.
- 4. Adopted synchronous gear, there is no metallic contact between rotating parts, there is no dangerous even dry running in a short time.
- 5. Various construction completely such as horizontal, vertical and casing with liner, and so on. The pump can handle various clean liquid without solid grain, low or high viscosity medium, even can deliver some corrosive medium with a correct material selection.

FEATURES OF WELDED TWIN SCREW PUMP

- 1. Well heated and the pumping temperature: -50°C~320°C.
- 2. Of the same pump the materials of different sections can be not the same. So, it can pump mix-rotation and corrosive medium, lower the cost greatly.
- 3. Especially suitable for high-temperature system and some special condition, for example high viscosity, high temperature medium, such as oil, residue oil, etc. The highest viscosity can reach 1×10⁶ cSt.

1. Series code specification

W: horizontal pump

V: vertical pump

2. Size code specification

The pumps are divided into two constructions: horizontal and vertical. There are 2, 3, 4, 5, 6, 7, 7T, 8, 9, 10 sizes and altogether 10. The combination of sizes and variety is showed as following table.

Type / Size		2	3	4	5	6	7	7T	8	9	10
W Horizontal	Casting Type	2.1	3.1	4.1	5.1	6.4	7.2	7T.2	8.4	9.2	
	Welding Type		3.2	4.2	5.2	6.5	7.3	7T.3	8.5	9.3	10.1
V Vertical	Casting Type			4.1	5.1	6.4	7.2	7T.2	8.4		
	Welding Type			4.2	5.2	6.5	7.3	7T.3	8.5	9.3	

3. Type Code Specification

SST series twin screw pump has 3 main constructions: Z, ZK and Zi.

Z: Long shaft design. Packing seal, double end seal or metal seal is required in design when the medium temperature exceeds 150–200°C.

ZK: Short shaft design. Adopt mechanical seal, medium temperature <120°C.

Zi: Internal bearing design. Adopt mechanical seal, medium temperature <80°C, only used for delivery lubricant medium.

The maximum temperature of the welded pump body is 280°C

4. Heating method code of pump casing specification

The different pump casing heating methods of WV series twin screw pump depends on whether the pump casing is casted or welded. Adopt heating to the middle section of the pump casing for all pump casing which is welded. Adopt different heating method with different size. All casted pump casing is showed as following table

Code	Heating Method of Casing	Pump Type
Z0	The Middle Section of casing for all pump	W3.2Z, W3.2ZK, W4.2Z, W4.2ZK, W5.2Z, W5.2ZK, W6.5Z, W6.5ZK, W7.3Z, W7.3ZK, W7T.3Z, W7T.3ZK, W8.5Z, W8.5ZK, W9.3ZK, W10.1Z
Z1	Low half part of casing with heating jacket	W4.1Z, W5.1Z, W7T.2Z, W4.1ZK, W5.1ZK, W7T.2ZK, W5.1Zi, W7T.2Zi
Z2	Low half part of casing with diffuse heating jacket	W2.1, W3.1Z, W7.2Z, W2.1K, W7.2ZK, W7.2Zi
Z3	insert snakelike heating tube into pump casing	W6.4Z, W8.4Z, W9.2Z, W6.4ZK, W8.4ZK, W9.2ZK, W6.4Zi, W8.4Zi, W9.2Z

Note: The code is omitted when the pump casing without heating jacket. The type V vertical pump is without heating method.

5. Specification of seal code

The different type of seal is depended on the different pump design.

Design	Seal type	Seal code	Remarks
Z	Packing Seal	M0	<200°C
	Single end mechanical seal	M1	<180°C
	Double end mechanical seal	M2	<200°C
	Metal bellows mechanical seal	M3	<320°C
ZK	Single end mechanical seal	M4	<120°C
Zi	Single end mechanical seal	M5	<80°C

6. Material code

There are 12 combination codes of twin-screw pump and indicate the material of pump casing, shaft and screws. The material of shaft for Zi type pump is.

The table 1 is combination code of casted pump, the table 2 is combination code of welded pump.

Table 1

Material Code	Material of Casing	Material of Shaft	Material of Screws
W72	ZG35	0Cr17Ni4Cu4Nb	0Cr17Ni4Cu4Nb
W73	HT250	0Cr17Ni4Cu4Nb	16MnCrS5
W74	HT250	0Cr17Ni4Cu4Nb	ZQSn10-1
W75	QT400-15	0Cr17Ni4Cu4Nb	16MnCrS5
W76	ZQSn3-7-5-1	0Cr17Ni4Cu4Nb	0Cr17Ni4Cu4Nb
W77	0Cr18Ni12Mo2	0Cr17Ni4Cu4Nb	0Cr17Ni4Cu4Nb
W78	HT250	0Cr17Ni4Cu4Nb	HT250
W79	HT250	0Cr17Ni4Cu4Nb	0Cr17Ni4Cu4Nb

This table is suitable for type Z, ZK

Table 2

Material Code	Material of Casing	Material of insert	Material of Shaft	Material of Screws
W80	20	HT250	0Cr17NiCu4Nb	16MnCrS5
W81	20	ZQSn10-1	0Cr17Ni4Cu4Nb	16MnCrS5
W82	1Cr18Ni9Ti	Z1Cr18Ni9Ti	0Cr17Ni4Cu4Nb	0Cr17Ni4Cu4Nb
W83	00Cr22Ni15Mo3N	00Cr22Ni15Mo3N	00Cr22Ni15Mo3N	00Cr22Ni15Mo3N

NPSHr Table

Screw pitch	Speed (r/min)											
	950			1150			1450			1750		1500
	40	750	1500	40	750	1500	40	750	1500	40	750	
NPSHr(m)												
11	1.52	1.54	1.54	1.52	1.55	1.56	1.54	1.57	1.59	1.55	1.6	1.62
14	1.53	1.55	1.57	1.54	1.57	1.59	1.56	1.61	1.63	1.5	1.64	1.68
15	1.53	1.56	1.57	1.54	1.58	1.6	1.56	1.62	1.65	1.59	1.66	1.70
18	1.54	1.58	1.60	1.56	1.61	1.63	1.59	1.66	1.70	1.62	1.72	1.77
20	1.55	1.59	1.62	1.57	1.63	1.66	1.60	1.69	1.73	1.64	1.76	1.82
22	1.56	1.63	1.63	1.58	1.65	1.68	1.62	1.72	1.76	1.66	1.80	1.86
24	1.57	1.64	1.66	1.60	1.68	1.72	1.65	1.76	1.82	1.7	1.86	1.94
25	1.57	1.64	1.67	1.60	1.69	1.73	1.65	1.78	1.83	1.71	1.88	1.95
27	1.58	1.66	1.69	1.62	1.71	1.76	1.67	1.81	1.88	1.73	1.94	2.02
28	1.59	1.67	1.70	1.62	1.73	1.78	1.69	1.83	1.90	1.76	1.95	2.05
30	1.6	1.69	1.73	1.64	1.75	1.81	1.71	1.87	1.95	1.79	2.01	2.11
33	1.62	1.72	1.77	1.67	1.8	1.87	1.75	1.94	2.03	1.85	2.11	2.23
34	1.62	1.73	1.78	1.67	1.81	1.88	1.76	1.96	2.05	1.86	2.13	2.25
36	1.64	1.75	1.80	1.69	1.84	1.92	1.79	2.01	2.11	1.90	2.19	2.33
38	1.65	1.77	1.82	1.71	1.87	1.94	1.81	2.04	2.15	1.93	2.24	2.39
40	1.67	1.80	1.86	1.73	1.91	1.99	1.85	2.10	2.22	1.98	2.32	2.49
43	1.68	1.83	1.90	1.76	1.95	2.05	1.88	2.17	2.30	2.03	2.41	2.59
46	1.71	1.88	1.95	1.79	2.02	2.12	1.94	2.26	2.41	2.11	2.54	2.74
48	1.73	1.90	1.99	1.82	2.05	2.17	1.98	2.32	2.48	2.16	2.62	2.83
50	1.74	1.93	2.02	1.84	2.09	2.21	2.09	2.37	2.54	2.21	2.70	2.93
54	1.78	1.99	2.09	1.89	2.17	2.31	2.12	2.49	2.69	2.31	2.86	3.12
56	1.80	2.02	2.13	1.92	2.22	2.36	2.14	2.56	2.76	2.37	2.95	3.22
57	1.80	2.03	2.14	1.92	2.23	2.37	2.16	2.57	2.78	2.39	2.97	3.25
58	1.82	2.05	2.16	1.94	2.26	2.41	2.20	2.62	2.84	2.42	3.03	3.32
60	1.84	2.09	2.21	1.98	2.32	2.48	2.21	2.70	2.93	2.50	3.15	3.45
65	1.89	2.17	2.30	2.04	2.42	2.60	2.31	2.85	3.11	2.63	3.36	3.70
67	1.90	2.20	2.33	2.06	2.46	2.64	2.35	2.91	3.18	2.68	3.43	3.70
70	1.94	2.26	2.26	2.41	2.11	2.54	2.74	2.42	3.03	3.32	3.60	3.99
75	2.00	2.35	2.52	2.19	2.67	2.89	2.54	3.22	3.54	2.95	3.86	4.29
78	2.03	2.41	2.8\58	2.24	2.75	2.99	2.62	3.34	3.68	3.06	4.02	4.48
85	2.12	2.55	2.75	2.36	2.94	3.21	2.80	3.63	4.02	3.31	4.42	4.94
87	2.14	2.59	2.8	2.40	3.00	3.28	2.86	3.71	4.11	3.39	4.53	5.08
90	2.18	2.65	2.87	2.46	3.09	3.38	2.94	3.84	4.27	3.51	4.71	5.28
94	2.24	2.74	2.97	2.53	3.21	3.52	3.05	4.02	4.47	3.67	4.96	5.57
100	2.32	2.87	3.13	2.65	3.39	3.74	3.23	4.29	4.80	3.92	5.34	6.01
112	2.50	3.16	3.47	2.91	3.79	4.21	3.62	4.88	5.48	4.46	6.15	6.95
124	2.70	3.47	3.83	3.18	4.22	4.71	4.01	5.52	6.22	5.04	7.02	7.96
130	2.80	3.63	4.02	3.33	4.44	4.97	4.26	5.85	6.6	5.35	7.48	8.41
135	2.90	3.77	4.19	3.46	4.64	5.19	4.45	6.14	6.94	5.62	7.88	8.95
144	3.06	4.03	4.49	3.69	5.00	5.61	4.81	6.67	7.56	6.12	8.62	9.80
150	3.10	4.21	4.70	3.86	5.25	5.90	5.06	7.04	7.98	6.47	9.13	

When the table is used, regardless of the size of the pump, as long as the head is the same, the NPSHr is the same when the speed and viscosity are the same.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
		(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)
2.1-24	0.2	4.1	1.7	4.2	2.3	4.2	2.9	4.2	3.1
	0.4	38	2.0	4.0	2.5	4.1	3.2	4.1	3.3
	0.6	3.6	2.2	3.9	2.8	4.0	3.4	4.0	3.5
	0.8	3.5	2.5	3.7	3.0	3.9	3.6	3.9	3.8
2.1-34	1.0	3.3	2.7	3.6	3.3	3.8	3.9	3.8	4.0
	0.2	6.0	2.1	6.2	2.7	6.2	3.5	6.2	3.6
	0.4	5.7	2.5	5.9	3.1	6.0	3.8	6.1	4.0
	0.6	5.5	2.8	5.7	3.4	5.9	4.2	5.6	4.40
2.1-46	0.8	5.2	3.2	5.6	3.8	5.7	4.6	5.8	4.7
	1.0	5.00	3.5	5.4	4.2	5.6	4.9	5.7	5.1
	0.2	8.1	2.4	8.3	3.1	8.3	3.9	8.4	4.1
	0.4	7.7	2.9	7.9	3.6	8.1	4.4	8.2	4.6
4.1/4.2-78	0.6	7.3	3.4	7.7	4.1	7.9	4.9	8	5.1
	0.8	6.9	3.9	7.4	4.6	7.7	5.4	7.8	5.6
	1.0	6.6	4.4	7.2	5.1	7.5	5.9	7.6	6.1
	0.2	31.9	6.3	32.3	7.9	32.5	9.8	32.6	10.3
5.1/5.2-87	0.4	30.9	8.2	31.6	9.8	31.9	11.7	32.1	12.1
	0.6	30.0	10.0	30.9	11.6	31.4	13.5	31.6	14.0
	0.8	29.2	11.9	30.3	13.5	30.9	15.4	31.2	15.8
	1.0	28.4	13.7	29.7	15.3	30.5	17.2	30.7	17.7
6.4/6.5-100	0.2	52.5	11.7	53.2	14.8	53.6	18.5	53.7	19.3
	0.4	50.8	14.8	51.9	17.8	52.6	21.6	52.8	22.4
	0.6	49.3	17.8	50.8	20.9	51.7	24.6	52.00	25.5
	0.8	48.0	20.9	49.8	24.0	50.9	27.7	51.3	28.5
7.2/7.3-112	1.0	46.7	23.9	48.9	27.0	50.2	30.7	50.6	31.6
	0.2	89.7	14.8	90.5	18.5	90.9	22.5	91.1	23.4
	0.4	87.6	20.0	88.9	23.4	89.7	27.6	90.0	28.6
	0.6	85.7	25.1	87.6	28.6	88.6	32.8	89.0	33.7
7.2/7.3-130	0.8	84.1	30.3	86.3	33.7	87.7	37.9	88.1	38.9
	1.0	82.5	35.4	85.2	38.9	86.7	43.1	87.3	44.0
	0.2	172.5	26.9	173.7	33.0	174.3	40.3	174.6	42.0
	0.4	169.6	36.7	171.5	42.8	172.6	50.1	173.0	51.8
7.2/7.3-150	0.6	166.9	46.5	169.6	52.6	171.1	60.00	171.6	61.6
	0.8	164.5	56.4	167.8	62.5	169.7	69.8	170.3	71.4
	1.0	162.3	66.2	166.1	72.3	168.4	79.6	169.1	81.3
	0.2	199.7	29.8	200.9	36.3	201.7	44.3	201.9	46.0
8.4/8.5-150	0.4	196.5	41.1	198.6	47.7	199.8	55.6	200.2	57.4
	0.6	193.7	52.5	196.5	59.1	198.1	67.0	198.7	68.8
	0.8	191.1	63.8	194.6	70.4	196.6	78.3	197.3	80.1
	1.0	188.6	75.2	192.8	81.8	195.2	89.7	196.0	81.5
9.2/9.3-150	0.2	326.4	49.1	328.8	59.9	330.1	73	330.6	76
	0.4	320.2	67.7	324.2	78.6	326.5	91.6	327.3	94.6
	0.6	314.7	86.3	320.2	97.2	323.3	110.3	324.4	113.2
	0.8	309.8	105.0	316.5	115.8	320.4	128.9	321.8	131.9
2.1-18	1.0	305.1	123.6	313.1	134.5	317.7	147.5	319.3	150.5
	0.2	606.7	96.6	610.8	118.7	613.2	145.5	614.1	151.4
	0.4	596.0	131.2	602.9	153.3	607.0	180.0	608.4	186.0
	0.6	586.6	165.7	596.0	187.9	601.5	214.5	603.4	220.6
2.1-18	0.8	578.0	200.3	589.7	222.5	596.4	249.1	598.8	255.1
	1.0	569.9	234.9	583.7	257.6	591.7	283.7	594.5	289.7
	0.2	797.6	211.8	801.5	271.3	803.7	342.9	804.5	359.1
	0.4	787.4	256.9	794	316.4	797.8	388.1	799.1	404.3
2.1-18	0.6	778.6	302	787.5	361.5	792.6	433.2	794.4	449.4
	0.8	770.4	347.2	781	406.7	787.9	478.3	790.1	494.5
	1.0	762.8	392.3	775.8	451.8	783.4	523.5	786	539.7
	0.2	3.3	1.6	3.3	2.1	3.3	2.8	3.4	2.9
2.1-18	0.4	3.1	1.8	3.2	2.3	3.3	29	3.3	3.1
	0.6	3.0	2.0	3.1	2.5	3.2	3.1	3.2	3.3
	0.8	2.8	2.2	3.0	2.7	3.1	3.3	3.1	3.5
	1.0	2.7	2.4	2.9	2.9	3.0	3.5	3.1	3.7
	1.2	2.6	2.6	2.8	3.1	3.0	3.7	3.0	3.9
	1.5	2.5	2.9	2.7	3.4	2.9	4.0	2.9	4.1

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Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
		(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)
3.1/3.2-58	0.2	14.1	3.5	14.3	4.5	14.5	5.7	14.5	5.9
	0.4	13.6	4.4	13.9	5.3	14.1	6.5	14.2	6.8
	0.6	13.1	5.2	13.6	6.2	13.8	7.3	13.9	7.6
	0.8	12.6	6.0	13.2	7	13.6	8.2	13.7	8.4
	1.0	12.2	6.9	12.9	7.8	13.3	9	13.5	9.3
	1.2	11.8	7.7	12.6	8.7	13.1	9.8	13.3	10.1
4.1/4.2-70	0.2	28.4	5.9	28.8	7.4	29	9.2	29	9.6
	0.4	27.4	7.5	28	9	28.4	10.9	28.5	11.3
	0.6	26.5	9.2	27.4	10.7	27.9	12.5	28.1	12.90
	0.8	25.8	10.8	26.8	12.4	27.4	14.2	27.7	14.6
	1.0	25.00	12.5	26.3	14	27	15.8	27.3	16.2
	1.2	24.3	14.2	25.8	15.7	26.6	17.5	26.9	17.9
5.1/5.2-78	0.2	47	11	47.6	13.9	47.9	17.4	48	18.2
	0.4	45.6	13.7	46.5	16.6	47	20.2	47.2	21
	0.6	44.3	16.4	45.6	19.4	46.3	22.9	46.6	23.7
	0.8	43.1	19.2	44.7	22.1	45.6	25.6	45.9	26.4
	1.0	42	21.9	43.9	24.8	45	28.4	45.4	29.2
	1.2	41.0	24.6	43.1	27.6	44.4	31.1	44.8	31.9
6.4/6.5-90	0.2	80.5	13.7	81.2	17	81.6	20.9	81.8	21.8
	0.4	78.7	18.4	79.9	21.6	80.6	25.5	80.8	26.4
	0.6	77.1	23	78.7	26.2	79.6	30.1	80	31
	0.8	75.6	27.6	77.6	30.8	78.8	34.8	79.20	35.7
	1.0	74.3	32.2	76.6	35.5	78	39.4	78.5	40.3
	1.2	73	36.8	75.7	40.1	77.2	44	77.8	44.9
7.2/7.3-94	0.2	144.2	23.7	145.2	29.3	145.8	35.9	146.0	37.4
	0.4	141.6	32	143.3	37.5	144.3	44.2	144.6	45.7
	0.6	139.3	40.2	141.6	45.7	142.9	52.4	143.4	53.9
	0.8	137.2	48.4	140.1	53.9	141.7	60.6	142.3	62.1
	1.0	135.2	56.6	138.6	62.2	140.6	68.8	141.2	70.3
	1.2	133.3	64.9	137.2	70.4	139.5	77.1	140.2	78.6
7T.2/7T.3-112	0.2	247.4	42	249	52	250	63.9	250.3	66.7
	0.4	243.3	56.1	246	66	247.5	78	248.1	80.7
	0.6	239.6	70.2	243.3	80.1	245.4	92.1	246.1	94.8
	0.8	236.3	84.2	240.8	94.2	243.4	106.2	244.4	108.9
	1.0	233.1	98.3	238.5	108.3	241.6	120.3	242.7	123
	1.2	230.1	112.4	236.3	122.4	239.8	134.4	241.1	137.1
7T.2/7T.3-130	0.2	286.6	45.4	288.8	55.8	290	66.3	290.5	71.1
	0.4	281	61.8	284.7	72.2	286.8	84.7	287.5	87.5
	0.6	276.1	78.2	281	88.6	283.9	101.1	284.9	103.9
	0.8	271.6	94.6	277.7	105	281.3	117.5	282.5	120.3
	1.0	267.4	111	274.6	121	278.8	133.8	280.2	136.7
	1.2	263.4	127.3	271.6	137.7	276.4	150.2	278.1	153
2.1-14	0.2	2.4	1.5	2.5	2.0	2.5	2.6	2.5	2.8
	0.4	2.2	1.7	2.3	2.2	2.4	2.8	2.4	2.9
	0.6	2.1	1.8	2.2	2.3	2.3	2.9	2.4	3.1
	0.8	2.0	2.0	2.2	2.5	2.3	3.1	2.3	3.2
	1.0	1.9	2.1	2.1	2.6	2.2	3.2	2.2	3.4
	1.2	1.8	2.3	2.0	2.8	2.1	3.4	2.2	3.5
	1.4	1.7	2.4	1.9	2.9	2.1	3.5	2.1	3.6
	1.6	1.6	2.6	1.8	3.1	2.0	3.7	2.1	3.8
1.8	1.5	2.7	1.8	3.2	1.9	3.6	2.0	3.9	
2.0	1.4	2.9	1.7	3.3	1.9	3.9	2.0	4.1	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
		(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)
3.1/3.2-40	0.2	9.7	3.0	9.9	3.9	10.0	4.9	10.0	5.2
	0.4	9.3	3.6	9.6	4.5	9.7	5.5	9.8	5.7
	0.6	8.9	4.2	9.3	5.0	9.5	6.1	9.6	6.3
	0.8	8.6	4.7	9.1	5.6	9.3	6.7	9.4	6.9
	1.0	8.3	5.3	8.8	6.2	9.1	7.2	9.2	7.5
	1.2	8.0	5.9	8.6	6.7	9.0	7.8	9.1	8.0
	1.4	7.7	6.4	8.4	7.3	8.8	8.4	8.9	8.6
	1.6	7.5	7.0	8.2	7.9	8.6	8.9	8.8	9.2
	1.8	7.2	7.6	8.0	8.5	8.5	9.5	8.7	9.8
2.0	6.9	8.2	7.8	9.0	8.3	10.1	8.5	10.3	
3.1/3.2-50	0.2	12.0	3.3	12.1	4.2	12.3	5.3	12.4	5.6
	0.4	11.5	4.0	11.9	4.9	12.1	6.1	12.1	6.3
	0.6	11.1	4.7	11.5	5.7	11.8	6.8	11.9	7.0
	0.8	10.7	5.4	11.2	6.4	11.6	7.5	11.7	7.7
	1.0	10.3	6.1	11.0	7.1	11.3	8.2	11.5	8.4
	1.2	10.0	6.9	10.7	7.8	11.1	8.9	11.3	9.2
	1.4	9.6	7.6	10.5	8.5	10.9	9.6	11.1	9.9
	1.6	9.3	8.3	10.2	9.2	10.7	10.3	10.9	10.6
	1.8	9.0	9.0	10.0	9.9	10.5	11.0	10.8	11.3
2.0	8.7	9.7	9.7	10.6	10.4	11.7	10.6	12.0	
4.1/4.2-58	0.2	23.2	5.1	23.4	6.5	23.6	8.1	23.7	8.5
	0.4	22.4	6.5	22.9	7.8	23.2	9.4	23.3	9.8
	0.6	21.8	7.8	22.4	9.2	22.8	10.8	22.9	11.2
	0.8	21.2	9.2	22.0	10.5	22.5	12.1	22.6	12.5
	1.0	20.6	10.5	21.6	11.9	22.1	13.5	22.3	13.9
	1.2	20.1	11.9	21.2	13.2	21.8	14.8	22.0	15.2
	1.4	19.6	13.2	20.8	14.6	21.5	16.2	21.8	16.5
	1.6	19.1	14.6	20.4	15.9	21.2	17.5	21.5	17.9
	1.8	18.6	15.9	20.1	17.2	21.0	18.9	21.3	19.2
2.0	18.2	17.2	19.8	16.8	20.7	20.2	21.0	20.6	
5.1/5.2-65	0.2	39.9	9.9	40.2	12.7	40.5	16.0	40.5	16.7
	0.4	38.9	12.2	39.5	15.0	39.9	18.3	40.0	19.0
	0.6	38.1	14.5	38.9	17.3	39.4	20.6	39.6	21.3
	0.8	37.3	16.8	38.4	19.6	39.0	22.8	39.2	23.6
	1.0	36.6	19.1	37.8	21.9	38.5	25.1	38.8	25.9
	1.2	35.9	21.4	37.3	24.1	38.1	27.4	38.4	28.2
	1.4	35.3	23.7	36.8	26.4	37.8	29.7	38.1	30.5
	1.6	34.6	26.0	36.4	28.7	37.4	32.0	37.7	32.8
	1.8	34.0	28.3	35.9	31.0	37.0	34.3	37.4	35.1
2.0	33.4	30.6	35.5	33.3	36.7	36.6	37.1	37.4	
6.4/6.5-75	0.2	66.9	12.2	67.4	15.1	67.7	18.7	67.8	19.5
	0.4	65.6	16.0	66.4	19.0	66.9	22.5	67.1	23.3
	0.6	64.4	19.8	65.6	22.8	66.2	26.4	66.5	27.2
	0.8	63.4	23.6	64.8	26.6	65.6	30.2	65.9	31.0
	1.0	62.4	27.4	64.1	30.4	65.0	34.0	65.4	34.8
	1.2	61.4	31.3	62.7	34.2	64.5	37.8	64.9	38.6
	1.4	60.5	35.1	62.1	38.1	64.0	41.6	64.4	42.5
	1.6	59.7	38.9	61.4	41.9	63.4	45.5	63.9	46.3
	1.8	58.8	42.7	60.8	45.7	63.0	49.3	63.5	50.1
2.0	58.0	46.5	60.0	49.5	62.5	53.1	63.1	53.9	
7.2/7.3-85	0.2	132.1	22.3	131.3	27.5	133.6	33.9	133.8	35.3
	0.4	129.7	29.8	131.8	35.1	132.2	41.4	132.5	42.8
	0.6	127.7	37.3	129.8	42.6	131.0	48.9	131.4	50.4
	0.8	125.7	44.9	128.3	50.1	129.8	56.5	130.4	57.9
	1.0	123.9	52.4	127.0	57.7	128.8	64.0	129.5	65.4
	1.2	122.2	59.9	125.8	65.2	127.8	71.5	128.5	73.0
	1.4	120.6	67.5	124.5	72.7	126.8	79.1	127.6	80.5
	1.6	119.0	75.0	123.4	80.3	125.9	86.6	126.8	88.0
	1.8	117.5	82.5	122.2	87.8	125.0	94.1	126.0	95.6
2.0	116.0	90.1	121.1	95.3	124.1	101.7	125.2	103.1	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
7T.2/7T.3-94	0.2	209.8	38.5	211.2	48.0	211.9	59.4	212.2	62.0
	0.4	206.4	50.4	208.6	59.9	209.9	71.3	210.4	73.9
	0.6	203.4	62.4	206.4	71.8	208.1	83.3	208.8	85.8
	0.8	200.6	74.3	204.3	83.8	206.5	95.2	207.3	97.8
	1.0	198.0	86.2	202.4	95.7	205.0	107.1	205.9	109.7
	1.2	195.5	98.2	200.6	107.7	203.5	119.1	204.6	121.7
	1.4	193.1	110.1	198.8	119.6	202.2	131.0	203.3	133.6
	1.6	190.8	122.1	197.1	131.5	200.8	142.9	202.1	145.5
	1.8	188.6	134.0	195.5	143.5	199.5	154.9	200.9	157.5
2.0	186.4	145.9	193.9	155.4	198.2	166.8	199.8	169.4	
8.4/8.5-85	0.2	340.0	65.9	342.4	82.5	343.8	102.5	344.3	107.0
	0.4	333.6	85.3	337.7	101.9	340.1	121.9	340.9	126.8
	0.6	328.1	104.7	333.7	121.3	336.9	141.3	338.0	145.8
	0.8	323.0	124.1	329.9	140.7	333.9	160.7	335.3	165.2
	1.0	318.3	143.5	326.4	160.1	331.1	180.1	332.8	184.2
	1.2	313.7	162.9	323.1	179.5	328.5	199.5	330.4	204.0
	1.4	309.4	182.3	319.9	199.9	325.9	218.9	328.0	223.4
	1.6	305.2	201.7	316.8	218.3	323.5	238.3	325.8	242.8
	1.8	301.1	221.1	313.8	237.7	321.1	257.7	323.7	262.2
2.0	297.2	240.5	310.9	257.1	318.8	277.1	321.6	281.6	
8.4/8.5-100	0.2	400.9	73.2	403.3	91.2	404.7	112.8	405.2	117.7
	0.4	394.6	95.9	398.7	113.9	401.1	135.6	401.9	140.5
	0.6	389.0	118.7	394.6	136.7	397.8	158.4	398.9	163.3
	0.8	394.0	141.5	390.8	159.5	394.8	181.2	396.2	186.1
	1.0	379.3	164.3	387.3	182.3	392.0	204.0	393.7	208.9
	1.2	374.7	187.1	384.0	205.1	389.4	226.7	391.3	231.6
	1.4	370.3	209.9	380.8	227.9	386.8	249.5	389.0	254.4
	1.6	366.1	232.7	377.7	250.7	384.4	272.3	386.7	277.2
	1.8	362.0	255.4	374.7	273.4	382.0	295.1	384.6	300.0
2.0	358.1	278.2	371.8	296.2	379.7	317.9	382.5	322.8	
8.4/8.5-112	0.2	451.1	78.0	453.9	96.7	455.6	119.2	456.1	124.2
	0.4	443.7	103.6	448.5	122.3	451.2	144.8	452.2	149.9
	0.6	437.2	129.3	443.7	148.0	447.5	170.5	448.8	175.6
	0.8	431.3	155.0	439.3	173.6	444.0	196.1	445.6	201.2
	1.0	425.7	180.6	435.2	199.3	440.7	221.8	442.7	226.9
	1.2	420.4	206.3	431.3	225.0	437.6	247.5	439.8	252.5
	1.4	415.3	231.9	427.6	250.6	434.6	273.1	437.1	278.2
	1.6	410.4	257.6	423.9	276.3	431.8	298.8	434.5	303.9
	1.8	405.6	283.3	420.4	301.9	429.0	324.4	432.0	329.5
2.0	401.0	308.9	417.0	327.6	426.3	350.1	429.5	355.2	
8.4/8.5-130	0.2	524.4	87.9	527.4	109.7	529.2	133.7	529.8	139.3
	0.4	516.5	117.7	521.6	138.4	524.6	163.4	525.6	169.1
	0.6	509.7	147.7	516.6	168.2	520.6	193.2	522.0	198.9
	0.8	503.3	177.2	511.9	198.0	516.9	223.0	518.6	228.6
	1.0	497.4	207.0	507.5	227.8	513.4	252.7	515.5	258.4
	1.2	491.7	236.8	503.4	257.5	510.1	282.5	512.5	288.2
	1.4	486.3	266.5	499.4	287.3	506.9	312.3	509.6	318.0
	1.6	481.1	296.3	495.5	317.1	503.9	342.1	506.8	347.7
	1.8	476.0	326.1	491.8	346.9	500.9	371.8	504.1	377.5
2.0	471.1	355.9	488.2	376.6	498.0	401.6	501.5	407.3	
2.1-1.1	0.2	1.9	1.5	2.0	2.0	2.0	2.5	2.0	2.7
	0.4	1.8	1.6	1.9	2.2	1.9	2.7	1.9	2.8
	0.6	1.7	1.7	1.8	2.3	1.8	2.8	1.9	2.9
	0.8	1.6	1.8	1.7	2.4	1.8	2.9	1.8	3.0
	1.0	1.5	1.9	1.6	2.5	1.7	3.0	1.8	3.1
	1.2	1.4	2.1	1.6	2.6	1.7	3.1	1.7	3.3
	1.4	1.3	2.2	1.5	2.7	1.6	3.2	1.7	3.4
	1.6	1.2	2.3	1.4	2.8	1.6	3.4	1.6	3.5
	1.8	1.1	2.4	1.4	2.9	1.5	3.5	1.6	3.6
	2.0	1.0	2.5	1.3	3.0	1.5	3.6	1.5	3.7
	2.2	1.0	2.6	1.3	3.1	1.4	3.7	1.5	3.8
2.5	0.8	2.8	1.2	3.3	1.4	3.9	1.4	4.0	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
		(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)
3.1/3.2-30	0.2	7.3	2.7	7.4	3.5	7.5	4.5	7.5	4.7
	0.4	6.9	3.1	7.1	4.0	7.3	4.9	7.3	5.2
	0.6	6.7	3.6	6.9	4.4	7.1	5.4	7.2	5.6
	0.8	6.4	4.0	6.7	4.8	7.0	5.8	7.0	6.0
	1.0	6.2	4.4	6.6	5.3	6.8	6.2	6.9	6.5
	1.2	5.9	4.9	6.4	5.7	6.7	6.7	6.8	6.9
	1.4	5.7	5.3	6.2	6.1	6.5	7.1	6.7	7.3
	1.6	5.5	5.7	6.1	6.5	6.4	7.5	6.5	7.7
	1.8	5.3	6.2	5.9	7.0	6.3	8.0	6.4	8.2
	2.0	5.1	6.6	5.8	7.4	6.2	8.4	6.3	8.6
2.2	4.9	7.0	5.6	7.8	6.1	8.8	6.2	9.0	
2.5	4.6	7.7	5.4	8.5	5.9	9.5	6.1	9.7	
4.1/4.2-48	0.2	19.9	4.7	20.1	6.0	20.3	7.5	20.3	7.8
	0.4	19.2	5.9	19.6	7.1	19.9	8.7	20.0	9.0
	0.6	18.6	7.0	19.2	8.3	19.5	9.8	19.7	10.2
	0.8	18.1	8.2	18.8	9.4	19.2	11.0	19.4	11.3
	1.0	17.6	9.3	18.4	10.6	18.9	12.1	19.1	12.5
	1.2	17.1	10.5	18.1	11.8	18.6	13.3	18.8	13.5
	1.4	16.6	11.6	17.7	12.9	18.4	14.4	18.6	14.8
	1.6	16.2	12.8	17.4	14.1	18.1	15.6	18.4	15.9
	1.8	15.8	14.0	17.1	15.2	17.9	16.8	18.1	17.1
	2.0	15.3	15.1	16.8	16.4	17.6	17.9	17.9	18.3
2.2	14.9	16.3	16.5	17.5	17.4	19.1	17.7	19.4	
2.5	14.3	18.0	16.0	19.3	17.0	20.8	17.4	21.1	
6.4/6.5-67	0.2	59.2	11.3	59.6	14.2	59.9	17.6	60.0	18.4
	0.4	58.0	14.7	58.8	17.6	59.2	21.0	59.4	21.7
	0.6	57.0	18.1	58.0	20.9	58.6	24.4	58.8	25.1
	0.8	56.0	21.5	57.3	24.3	58.0	27.7	58.3	28.5
	1.0	55.1	24.9	56.6	27.7	57.5	31.1	57.8	31.9
	1.2	54.2	28.3	56.0	31.1	57.0	34.5	57.4	35.3
	1.4	53.3	31.6	55.4	34.5	56.5	37.9	56.9	38.7
	1.6	52.6	35.0	54.8	37.9	56.1	41.3	56.5	42.1
	1.8	51.9	38.4	54.2	41.2	55.6	44.7	56.1	45.4
	2.0	51.1	41.8	53.7	44.6	55.2	48.0	55.7	48.8
2.2	50.4	45.2	53.2	48.0	54.8	51.4	55.3	52.2	
2.5	49.3	50.3	52.4	53.1	54.1	56.5	54.8	57.3	
7.2/7.3-75	0.2	115.8	20.5	116.5	25.5	117.0	31.5	117.1	32.9
	0.4	113.9	27.1	115.1	32.1	115.8	38.1	116.1	39.5
	0.6	112.2	33.7	113.9	38.7	114.9	44.7	115.2	46.1
	0.8	110.7	40.3	112.8	45.3	114.0	51.3	114.4	52.6
	1.0	109.2	46.9	111.7	51.9	113.1	57.9	113.6	59.2
	1.2	107.9	53.5	110.7	58.5	112.3	64.5	112.9	65.8
	1.4	106.6	60.1	109.7	65.0	111.6	71.0	111.2	72.4
	1.6	105.3	66.7	108.8	71.6	110.8	77.6	111.5	79.0
	1.8	104.1	73.2	107.9	78.2	110.1	84.2	110.9	85.6
	2.0	102.9	79.8	107.0	84.8	109.4	90.8	110.2	92.2
2.2	101.7	86.4	106.2	91.4	108.7	97.4	109.6	98.8	
2.5	100.0	96.3	104.9	101.3	107.7	107.3	108.7	108.6	
7T.2/7T.3-85	0.2	185.8	36.5	186.9	45.8	187.5	57.0	187.8	59.5
	0.4	183.0	47.1	184.0	56.3	185.9	67.5	186.3	70.0
	0.6	180.4	57.6	183.0	66.9	184.4	78.1	184.9	80.6
	0.8	178.1	68.2	181.3	77.5	183.1	88.6	183.7	91.1
	1.0	176.0	78.7	179.7	88.0	181.8	99.2	182.6	101.7
	1.2	173.0	89.3	178.2	98.6	180.6	109.7	181.5	112.3
	1.4	172.0	99.9	176.7	109.1	179.5	120.3	180.4	122.8
	1.6	170.1	110.4	175.3	119.7	178.3	130.8	179.4	133.4
	1.8	168.2	121.0	174.0	130.2	177.3	141.4	178.4	143.9
	2.0	166.4	131.5	172.6	140.8	176.2	152.0	177.5	154.5
2.2	164.7	142.1	171.3	151.3	175.2	162.5	176.5	165.0	
2.5	162.1	157.9	169.5	167.2	173.7	178.3	175.2	180.9	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
3.1/3.2-20	0.2	4.8	2.4	4.9	3.2	4.9	4.1	4.9	4.3
	0.4	4.5	2.7	4.7	3.5	4.8	4.4	4.8	4.6
	0.6	4.3	3.0	4.5	3.7	4.6	4.7	4.7	4.9
	0.8	4.1	3.3	4.4	4.0	4.5	4.9	4.6	5.2
	1.0	3.9	3.6	4.2	4.3	4.4	5.2	4.5	5.4
	1.2	3.8	3.8	4.1	4.6	4.3	5.5	4.4	5.7
	1.4	3.6	4.1	4.0	4.9	4.2	5.8	4.3	6.0
	1.6	3.4	4.4	3.9	5.2	4.1	6.1	4.2	6.3
	1.8	3.3	4.7	3.8	5.4	4.0	6.4	4.1	6.6
	2.0	3.1	5.0	3.7	5.7	4.0	6.6	4.1	6.9
	2.2	3.0	5.3	3.6	6.0	3.9	6.9	4.0	7.1
	2.4	2.9	5.5	3.5	6.3	3.8	7.2	3.9	7.4
	2.6	2.7	5.8	3.3	6.6	3.7	7.5	3.8	7.7
2.8	2.6	6.1	3.2	6.9	3.6	7.8	3.8	8.0	
3.0	2.4	6.4	3.1	7.2	3.6	8.1	3.7	8.3	
4.1/4.2-36	0.2	14.4	4.0	14.7	5.2	14.8	6.6	14.8	6.9
	0.4	13.9	4.9	14.3	6.0	14.5	7.4	14.5	7.7
	0.6	13.4	5.7	13.9	6.9	14.2	8.3	14.3	8.6
	0.8	13.0	6.6	13.6	7.7	13.9	9.1	14.1	9.4
	1.0	12.6	7.4	13.3	8.6	13.7	9.9	13.8	10.3
	1.2	12.2	8.3	13.0	9.4	13.5	10.8	13.6	11.1
	1.4	11.9	9.1	12.7	10.3	13.3	11.6	13.4	11.9
	1.6	11.5	10.0	12.5	11.1	13.0	12.5	13.2	12.8
	1.8	11.1	10.8	12.2	12.0	12.8	13.3	13.1	13.6
	2.0	10.8	11.7	12.0	12.8	12.6	14.2	12.9	14.5
	2.2	10.5	12.5	11.7	13.6	12.5	15.0	12.7	15.3
	2.4	10.2	13.4	11.5	14.5	12.3	15.9	12.5	16.2
	2.6	9.9	14.2	11.3	15.3	12.1	16.7	12.4	17.0
2.8	9.5	15.0	11.0	16.2	11.9	17.6	12.2	17.9	
3.0	9.2	15.9	10.8	17.0	11.7	18.4	12.1	18.7	
5.1/5.2-54	0.2	32.3	9.0	32.6	11.6	32.8	14.6	32.9	15.3
	0.4	31.5	10.9	32.0	13.4	32.3	16.5	32.4	17.2
	0.6	30.7	12.7	31.5	15.3	31.9	18.4	32.0	19.1
	0.8	30.0	14.6	31.0	17.2	31.5	20.2	31.7	20.9
	1.0	29.4	16.5	30.5	19.0	31.1	22.1	31.3	22.8
	1.2	28.8	18.3	30.0	20.9	30.8	24.0	31.0	24.7
	1.4	28.2	20.2	29.6	22.7	30.4	25.8	30.7	26.5
	1.6	27.6	22.1	29.2	24.6	30.1	27.7	30.4	28.4
	1.8	27.1	23.9	28.8	26.5	29.8	29.5	30.1	30.2
	2.0	26.6	25.8	28.4	28.3	29.5	31.4	29.8	32.1
	2.2	26.1	27.6	28.0	30.2	29.2	33.3	29.6	34.0
	2.4	25.6	29.5	27.7	32.1	28.9	35.1	29.3	35.8
	2.6	25.1	31.4	27.3	33.9	28.6	37.0	29.0	37.7
2.8	24.6	33.2	26.9	35.8	28.3	38.9	28.8	39.6	
3.0	24.1	35.1	26.6	37.7	28.0	40.7	28.5	41.4	
6.4/6.5-50	0.2	44.3	9.5	44.6	12.0	44.8	15.0	44.9	15.7
	0.4	43.5	12.0	44.0	14.5	44.3	17.5	44.4	18.2
	0.6	42.7	14.6	43.5	17.1	43.9	20.1	44.1	20.7
	0.8	42.1	17.1	43.0	19.6	43.5	22.6	43.7	23.3
	1.0	41.4	19.6	42.5	22.1	43.1	25.1	43.4	25.8
	1.2	40.8	22.2	42.1	24.6	42.8	27.6	43.0	28.3
	1.4	40.3	24.7	41.7	27.2	42.5	30.2	42.7	30.9
	1.6	39.7	27.2	41.3	29.7	42.1	32.7	42.4	33.4
	1.8	39.2	29.7	40.9	32.2	41.8	35.2	42.2	35.9
	2.0	38.7	32.3	40.5	34.8	41.5	37.8	41.9	38.4
	2.2	38.2	34.8	40.1	37.3	41.2	40.3	41.6	41.0
	2.4	37.7	37.3	39.7	39.8	40.9	42.8	41.3	43.5
	2.6	37.2	39.9	39.4	42.4	40.6	45.4	41.1	46.0
2.8	36.7	42.4	39.0	44.9	40.4	47.9	40.8	48.6	
3.0	36.2	44.9	38.7	47.4	40.1	50.4	40.6	51.1	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
7.2/7.3-57	0.2	86.8	17.5	87.4	22.0	87.8	27.5	87.9	28.7
	0.4	85.3	22.5	86.3	27.0	86.9	32.4	87.1	33.6
	0.6	83.9	27.4	85.3	31.9	86.1	37.4	86.4	38.6
	0.8	82.7	32.4	84.4	36.9	85.3	42.3	85.7	43.5
	1.0	81.5	37.3	83.5	41.8	84.7	47.3	85.1	48.3
	1.2	80.4	42.3	82.7	46.8	84.0	52.2	84.5	53.4
	1.4	79.3	47.2	81.9	51.7	83.4	57.2	83.9	58.4
	1.6	78.3	52.2	81.1	56.7	82.8	62.1	83.4	63.3
	1.8	77.6	57.1	80.4	61.6	82.2	67.1	82.8	68.3
	2.0	76.3	62.1	79.7	66.6	81.6	72.0	82.3	73.2
	2.2	75.4	67.0	79.0	71.5	81.1	77.0	81.8	78.2
	2.4	74.5	72.0	78.3	76.5	80.5	81.9	81.3	83.1
	2.6	73.6	76.9	77.7	81.4	80.0	86.9	80.8	88.1
2.8	72.7	81.9	77.0	86.4	79.5	91.8	80.4	93.0	
3.0	71.8	86.8	76.4	91.3	79.0	96.8	79.9	98.0	
7T.2/7T.3-67	0.2	147.9	33.2	148.6	42.0	149.1	52.7	149.2	55.1
	0.4	146.0	41.5	147.2	50.4	147.9	61.1	148.2	63.5
	0.6	1443.0	49.9	146.0	58.8	147.0	69.4	147.3	71.8
	0.8	142.8	58.3	144.9	67.1	146.1	77.8	146.5	80.2
	1.0	141.3	66.7	143.8	75.5	145.2	86.2	145.7	88.6
	1.2	140.0	75.0	142.8	83.9	144.4	94.6	145.0	97.0
	1.4	138.7	83.4	141.8	92.3	143.7	102.9	144.3	105.3
	1.6	137.4	91.8	140.9	100.6	142.9	111.3	143.6	113.7
	1.8	136.2	100.1	140.0	109.0	142.2	119.7	143.0	122.1
	2.0	135.0	108.5	139.1	117.4	141.5	128.0	142.3	130.5
	2.2	133.6	116.9	138.3	125.7	140.8	136.4	141.7	138.8
	2.4	132.7	125.3	137.4	134.1	140.2	144.8	141.1	147.2
	2.6	131.6	133.6	136.6	142.5	139.5	153.2	140.5	155.6
2.8	130.5	142.0	135.8	150.9	138.9	161.5	139.9	163.9	
3.0	129.4	150.4	135.0	159.2	138.2	169.9	139.4	172.3	
8.4/8.5-67	0.2	268.9	56.0	270.5	705.0	271.5	88.0	271.8	92.0
	0.4	264.6	71.3	267.4	85.8	269.0	103.3	269.6	107.2
	0.6	260.8	86.5	264.6	101.1	266.8	118.6	267.6	122.5
	0.8	257.4	101.8	262.1	116.4	264.8	133.9	265.7	137.8
	1.0	254.2	117.1	259.7	131.7	262.9	149.2	264.0	153.1
	1.2	251.1	132.4	257.4	146.9	261.1	164.4	262.4	168.4
	1.4	248.1	147.7	255.2	162.2	259.4	179.7	260.8	183.7
	1.6	245.3	163.0	253.1	177.5	257.7	195.0	259.3	199.0
	1.8	242.5	178.3	251.1	192.8	256.1	210.3	257.8	214.3
	2.0	239.8	193.6	249.1	208.1	254.5	225.6	256.4	229.5
	2.2	237.2	208.8	247.2	223.4	253.0	240.0	255.0	244.8
	2.4	234.6	224.1	245.3	238.7	251.5	256.2	253.6	260.1
	2.6	232.1	239.4	243.5	254.0	250.0	271.5	252.3	275.4
2.8	229.7	254.7	241.6	269.2	248.6	286.7	251.0	290.7.0	
3.0	227.3	270.0	239.9	284.5	247.1	302.0	249.7	306.0	
4.1/4.2-27	0.2	10.9	3.6	11.1	4.6	11.2	5.9	11.3	6.2
	0.4	10.5	4.2	10.8	5.3	10.9	6.5	11.0	6.8
	0.6	10.0	4.9	10.5	5.9	10.7	7.2	10.8	7.5
	0.8	9.7	5.5	10.2	6.6	10.5	7.8	10.6	8.1
	1.0	9.3	6.2	9.9	7.2	10.3	8.5	10.4	8.7
	1.2	9.0	6.8	9.7	7.8	10.1	9.1	10.2	9.4
	1.4	8.6	7.4	9.4	8.5	9.9	9.8	10.0	10.0
	1.6	8.3	8.1	9.2	9.1	9.7	10.4	9.9	10.7
	1.8	8.0	8.7	9.0	9.8	9.5	11.0	9.7	11.3
	2.0	7.7	9.4	8.7	10.4	9.3	11.7	9.5	12.0
	2.2	7.4	10.0	8.5	11.1	9.2	12.3	9.4	12.6
	2.4	7.1	10.7	8.3	11.7	9.0	13.0	9.2	13.3
	2.6	6.8	11.3	8.1	12.4	8.8	13.6	9.1	13.9
	2.8	6.6	12.0	7.9	13.0	8.7	14.3	8.9	14.6
	3.0	6.3	12.6	7.7	13.7	8.5	14.9	8.8	15.2
3.2	6.0	13.3	7.5	14.3	8.4	15.6	8.7	15.9	
3.5	5.7	14.2	7.2	15.3	8.1	16.5	8.5	16.8	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
		(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)
5.1/5.2-40	0.2	23.9	7.9	24.2	10.2	24.3	13.1	24.4	13.7
	0.4	23.3	9.3	23.7	11.6	24.0	14.4	24.0	15.1
	0.6	22.7	10.7	23.3	13.0	23.6	15.8	23.7	16.5
	0.8	22.2	12.1	22.9	14.4	23.3	17.2	23.5	17.8
	1.0	21.7	13.4	22.5	15.8	23.0	18.6	23.2	19.2
	1.2	21.2	14.8	22.2	17.2	22.7	20.0	22.9	20.6
	1.4	20.8	16.2	21.9	18.5	22.5	21.4	22.7	22.0
	1.6	20.3	17.6	21.5	19.9	22.2	22.7	22.5	23.4
	1.8	19.9	19.0	21.2	21.3	22.0	24.1	22.2	24.8
	2.0	19.5	20.4	20.9	22.7	21.7	25.5	22.0	26.1
	2.2	19.1	21.7	20.6	24.1	21.5	26.9	21.8	27.5
	2.4	18.7	23.1	20.3	25.5	21.3	28.3	21.6	28.9
	2.6	18.3	24.5	20.1	26.8	21.1	29.6	21.4	30.3
	2.8	17.9	25.9	19.8	28.2	20.8	31.0	21.2	31.7
	3.0	17.6	27.3	19.5	29.6	20.6	32.4	21.0	33.1
3.2	17.2	28.7	19.2	31.0	20.4	33.8	20.8	34.4	
3.5	16.7	30.7	18.8	33.1	20.1	35.9	20.5	36.5	
6.4/6.5-38	0.2	33.6	8.1	33.9	10.3	34.1	13.0	34.1	13.6
	0.4	32.9	10.1	33.4	12.3	33.6	14.9	33.7	15.5
	0.6	32.2	12.0	32.9	14.2	33.3	16.9	33.4	17.5
	0.8	31.6	13.9	32.4	16.1	32.9	18.8	33.1	19.4
	1.0	31.0	15.8	32.0	18.1	32.6	20.7	32.8	21.3
	1.2	30.5	17.8	31.6	20.0	32.3	22.7	32.5	23.3
	1.4	30.0	19.7	31.2	21.9	32.0	24.6	32.2	25.2
	1.6	29.5	21.6	30.9	23.8	31.7	26.5	31.9	27.1
	1.8	29.0	23.6	30.5	25.8	31.4	28.4	31.7	29.0
	2.0	28.5	25.5	30.2	27.7	31.1	30.4	31.4	31.0
	2.2	28.1	27.4	29.8	29.6	30.8	32.3	31.2	32.9
	2.4	27.6	29.3	29.5	31.6	30.6	34.2	31.0	34.8
	2.6	27.2	31.3	29.2	33.5	30.3	36.2	30.7	36.8
	2.8	26.8	33.2	28.9	35.4	30.1	38.1	30.5	38.7
	3.0	26.3	35.1	28.5	37.4	29.8	40.0	30.3	40.6
3.2	25.9	37.1	28.2	39.3	29.6	41.9	30.0	42.5	
3.5	25.3	40.0	27.8	42.2	29.2	44.8	29.7	45.4	
7.2/7.3-43	0.2	65.7	15.2	66.2	19.3	66.5	24.2	66.6	25.3
	0.4	64.5	18.9	65.3	23.0	65.8	27.9	65.9	29.0
	0.6	63.5	22.7	64.5	26.8	65.2	31.7	65.4	32.8
	0.8	62.5	26.4	63.8	30.5	64.6	35.4	64.9	36.5
	1.0	61.6	30.2	63.2	34.3	64.1	39.2	64.4	40.3
	1.2	60.8	33.9	62.5	38.0	63.6	42.9	63.9	44.0
	1.4	60.0	37.7	61.9	41.8	63.1	46.7	63.5	47.8
	1.6	59.2	41.4	61.4	45.5	62.6	50.4	63.1	51.5
	1.8	58.4	45.2	60.8	49.3	62.2	54.2	62.7	55.3
	2.0	57.7	48.9	60.2	53.0	61.7	57.9	62.3	59.0
	2.2	56.9	52.7	59.7	56.8	61.3	61.7	61.9	62.8
	2.4	56.2	56.4	59.2	60.5	60.9	65.4	61.5	66.5
	2.6	55.5	60.2	58.7	64.3	60.5	69.2	61.1	70.3
	2.8	54.8	63.9	58.2	68.0	60.1	72.9	60.8	74.0
	3.0	54.2	67.7	57.7	71.8	59.7	76.7	60.4	77.8
3.2	53.5	71.4	57.2	75.5	59.3	80.4	60.1	81.5	
3.5	52.5	77.0	56.5	81.1	58.7	86.0	59.5	87.1	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
7T.2/7T.3-50	0.2	111.2	29.9	111.7	38.4	112.1	48.5	112.2	50.8
	0.4	109.7	36.2	110.6	44.7	111.2	54.8	111.4	57.1
	0.6	108.4	42.5	109.7	51.0	110.4	61.1	110.7	63.4
	0.8	107.2	48.8	108.8	57.3	109.7	67.4	110.1	69.7
	1.0	106.0	55.1	108.0	63.6	109.1	73.7	109.5	76.0
	1.2	105.0	61.4	107.2	69.9	108.5	80.0	108.9	82.3
	1.4	104.0	67.7	106.4	76.2	107.9	86.3	108.4	88.6
	1.6	103.0	74.0	105.7	82.5	107.3	92.6	107.8	94.9
	1.8	102.0	80.3	105.0	88.8	106.7	98.9	106.8	101.2
	2.0	101.1	86.6	104.3	95.1	106.2	105.2	106.3	107.5
	2.2	100.2	92.9	103.6	101.3	105.6	111.5	105.9	113.8
	2.4	99.3	99.2	103.0	107.6	105.1	117.8	105.4	120.1
	2.6	98.4	105.5	102.3	113.9	104.6	124.1	105.0	126.4
	2.8	97.5	111.8	101.7	120.2	104.1	130.4	104.5	132.7
	3.0	96.7	118.1	101.1	126.5	103.6	136.7	104.1	139.0
3.2	95.9	124.4	100.5	132.8	103.1	143.0	103.0	145.3	
3.5	94.7	133.8	99.6	142.3	102.4	152.4	103.4	157.7	
4.1/4.2-22	0.2	8.6	3.3	8.7	4.3	8.8	5.5	8.8	5.7
	0.4	8.1	3.8	8.4	4.8	8.6	6.0	8.6	6.2
	0.6	7.8	4.3	8.1	5.3	8.4	6.5	8.4	6.7
	0.8	7.4	4.8	7.9	5.8	8.2	7.0	8.3	7.3
	1.0	7.1	5.3	7.7	6.3	8.0	7.5	8.1	7.8
	1.2	6.8	5.8	7.4	6.8	7.8	8.0	7.9	8.3
	1.4	6.5	6.3	7.2	7.3	7.6	8.5	7.8	8.8
	1.6	6.3	6.8	7.0	7.8	7.5	9.0	7.6	9.3
	1.8	6.0	7.4	6.8	8.3	7.3	9.5	7.5	9.8
	2.0	5.7	7.9	6.6	8.9	7.2	10.0	7.3	10.3
	2.2	5.5	8.4	6.5	9.4	7.0	10.6	7.2	10.8
	2.4	5.2	8.9	6.3	9.9	6.9	11.1	7.1	11.3
	2.6	5.0	9.4	6.1	10.4	6.7	11.6	6.9	11.8
	2.8	4.7	9.9	5.9	10.9	6.6	12.1	6.8	12.4
	3.0	4.5	10.4	5.7	11.4	6.4	12.6	6.7	12.9
3.2	4.3	10.9	5.6	11.9	6.3	13.1	6.6	13.4	
3.4	4.1	11.4	5.4	12.4	6.2	13.6	6.5	13.9	
3.6	3.8	11.9	5.2	12.9	6.0	14.1	6.3	14.4	
3.8	3.6	12.5	5.1	13.4	5.9	14.6	6.2	14.9	
4.0	3.4	13.0	4.9	14.0	5.8	15.1	6.1	15.4	
5.1/5.2-20	0.2	11.7	6.3	11.9	8.3	12.0	10.7	12.0	11.3
	0.4	11.3	7.0	11.6	9.0	11.7	11.4	11.8	12.0
	0.6	10.9	7.7	11.3	9.7	11.5	12.1	11.6	12.7
	0.8	10.5	8.4	11.0	10.4	11.3	12.8	11.4	13.3
	1.0	10.2	9.1	10.8	11.1	11.1	13.5	11.2	14.0
	1.2	9.9	9.7	10.5	11.8	10.9	14.2	11.0	14.7
	1.4	9.6	10.4	10.3	12.4	10.7	14.9	10.9	15.4
	1.6	9.3	11.1	10.1	13.1	10.6	15.5	10.7	16.1
	1.8	9.0	11.8	9.9	13.8	10.4	16.2	10.6	16.8
	2.0	8.7	12.5	9.7	14.5	10.2	16.9	10.4	17.5
	2.2	8.4	13.2	9.5	15.2	10.1	17.6	10.3	18.2
	2.4	8.2	13.9	9.3	15.9	9.9	18.3	10.1	18.8
	2.6	7.9	14.6	9.1	16.6	9.8	19.0	10.0	19.5
	2.8	7.6	15.2	8.9	17.3	9.6	19.7	9.9	20.2
	3.0	7.4	15.9	8.7	17.9	9.5	20.4	9.7	20.9
3.2	7.1	16.6	8.5	18.6	9.3	21.0	9.6	21.6	
3.4	6.9	17.3	8.3	19.3	9.2	21.7	9.5	22.3	
3.6	6.7	18.0	8.2	20.0	9.0	22.4	9.3	23.0	
3.8	6.4	18.7	8.0	20.7	8.9	23.1	9.2	23.7	
4.0	6.2	19.4	7.8	21.4	8.8	23.8	9.1	24.3	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
5.1/5.2-30	0.2	18.5	7.1	18.7	9.3	18.9	11.9	18.9	12.5
	0.4	18.0	8.2	18.4	10.4	18.6	13.0	18.6	13.6
	0.6	17.5	9.3	18.0	11.5	18.3	14.1	18.4	14.6
	0.8	17.1	10.4	17.7	12.5	18.0	15.1	18.1	15.7
	1.0	16.7	11.4	17.4	13.6	17.8	16.2	17.9	16.8
	1.2	16.3	12.5	17.1	14.7	17.6	17.3	17.7	17.9
	1.4	15.9	13.6	16.8	15.7	17.3	18.4	17.5	18.9
	1.6	15.6	14.7	16.6	16.8	17.1	19.4	17.3	20.0
	1.8	15.2	15.7	16.3	17.9	16.9	20.5	17.2	21.1
	2.0	14.9	16.8	16.1	19.0	16.7	21.6	17.0	22.2
	2.2	14.6	17.9	15.8	20.0	16.6	22.6	16.8	23.2
	2.4	14.3	18.9	15.6	21.1	16.4	23.7	16.6	24.3
	2.6	13.9	20.0	15.4	22.2	16.2	24.8	16.5	25.4
	2.8	13.6	21.1	15.1	23.3	16.0	25.9	16.3	26.5
	3.0	13.3	22.2	14.9	24.3	15.8	26.9	16.1	27.5
	3.2	13.0	23.2	14.7	25.4	15.7	28.0	16.0	28.6
3.4	12.7	24.3	14.5	26.5	15.5	29.1	15.8	29.7	
3.6	12.5	25.4	14.3	27.6	15.3	30.2	15.7	30.8	
3.8	12.2	26.5	14.1	28.6	15.1	31.2	15.5	31.8	
4.0	11.9	27.5	13.9	29.7	15.0	32.3	15.4	32.9	
6.4/6.5-25	0.2	21.9	6.9	22.2	8.9	22.3	11.3	22.4	11.9
	0.4	21.2	8.2	21.6	10.2	21.9	12.6	22.0	13.1
	0.6	20.5	9.4	21.2	11.4	21.5	13.9	21.7	14.4
	0.8	20.0	10.7	20.7	12.7	21.2	15.1	21.4	15.7
	1.0	19.4	12.0	20.3	14.0	20.9	16.4	21.1	17.0
	1.2	18.9	13.3	20.0	15.3	20.6	17.7	20.8	18.2
	1.4	18.4	14.5	19.6	16.5	20.3	19.0	20.5	19.5
	1.6	17.9	15.8	19.3	17.8	20.0	20.2	20.3	20.8
	1.8	17.5	17.1	18.9	19.1	19.7	21.5	20.0	22.1
	2.0	17.0	18.4	18.6	20.4	19.5	22.8	19.8	23.3
	2.2	16.6	19.6	18.3	21.6	19.2	24.1	19.6	24.6
	2.4	16.2	20.9	18.0	22.9	19.0	25.3	19.3	25.9
	2.6	15.8	22.2	17.6	24.2	18.7	26.6	19.1	27.1
	2.8	15.3	23.5	17.3	25.5	18.5	27.9	18.9	28.4
	3.0	14.9	24.7	17.0	26.7	18.3	29.2	18.7	29.7
	3.2	14.5	26.0	16.8	28.0	18.0	30.4	18.5	31.0
3.4	14.2	27.3	16.5	29.3	17.8	31.7	18.3	32.2	
3.6	13.8	28.5	16.2	30.6	17.6	33.0	18.1	33.5	
3.8	13.4	29.8	15.9	31.8	17.4	34.2	17.9	34.8	
4.0	13.0	31.1	15.6	33.1	17.1	35.5	17.7	36.1	
6.4/6.5-30	0.2	26.3	7.3	26.6	9.4	26.7	11.9	26.8	12.5
	0.4	25.5	8.9	26.0	10.9	26.3	13.4	26.4	14.0
	0.6	24.9	10.4	25.5	12.5	25.9	15.0	26.1	15.5
	0.8	24.3	11.9	25.1	14.0	25.6	16.5	25.7	17.0
	1.0	23.7	13.4	24.7	15.5	25.2	18.0	25.4	18.6
	1.2	23.2	14.9	24.3	17.0	24.9	19.5	25.1	20.1
	1.4	22.7	16.5	23.9	18.5	24.6	21.0	24.9	21.6
	1.6	22.2	18.0	23.5	20.1	24.3	22.6	24.6	23.1
	1.8	21.7	19.5	23.2	21.6	24.0	24.1	24.3	24.6
	2.0	21.2	21.0	22.8	23.1	23.8	25.6	24.1	26.2
	2.2	20.7	22.5	22.5	24.6	23.5	27.1	23.9	27.7
	2.4	20.3	24.1	22.2	26.1	23.2	28.6	23.6	29.2
	2.6	19.9	25.6	21.8	27.7	23.0	30.2	23.4	30.7
	2.8	19.4	27.1	21.5	29.2	22.7	31.7	23.2	32.3
	3.0	19.0	28.6	21.2	30.7	22.5	33.2	22.9	33.8
	3.2	18.6	30.2	20.9	32.2	22.2	34.7	22.7	35.3
3.4	18.2	31.7	20.6	33.8	22.0	36.3	22.5	36.8	
3.6	17.8	33.2	20.3	35.3	21.8	37.8	22.3	38.3	
3.8	17.4	34.7	20.0	36.8	21.5	39.3	22.1	39.9	
4.0	17.0	36.2	19.7	38.3	21.3	40.8	21.9	41.4	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
7.2/7.3-28	0.2	42.2	12.7	42.6	16.4	42.9	20.8	43.0	21.8
	0.4	41.0	15.1	41.7	18.8	42.2	23.2	42.3	24.2
	0.6	39.9	17.6	41.0	21.3	41.6	25.7	41.8	26.7
	0.8	39.0	20.0	40.3	23.7	41.0	28.1	41.3	29.1
	1.0	38.1	22.5	39.6	26.1	40.5	30.5	40.8	31.5
	1.2	37.2	24.9	39.0	28.6	40.0	33.0	40.3	34.0
	1.4	36.4	27.3	38.4	31.0	39.5	35.4	39.9	36.4
	1.6	35.6	29.8	37.8	33.4	39.0	37.9	39.5	38.9
	1.8	34.8	32.2	37.2	35.9	39.6	40.3	39.1	41.3
	2.0	34.1	34.7	36.7	38.3	38.2	42.7	38.7	43.7
	2.2	33.3	37.1	36.1	40.8	37.7	45.2	38.3	46.2
	2.4	32.6	39.5	35.6	43.2	37.3	47.6	37.9	48.6
	2.6	31.9	42.0	35.1	45.6	36.9	50.1	37.5	51.1
	2.8	31.3	44.4	34.6	48.1	36.5	52.5	37.2	53.5
	3.0	30.6	46.8	34.1	50.5	36.1	54.9	36.8	55.9
	3.2	29.9	49.3	33.6	53.0	35.7	57.4	36.5	58.4
3.4	29.3	51.7	33.1	55.4	35.3	59.8	36.1	60.8	
3.6	28.6	54.2	32.7	57.8	35.0	62.2	35.8	63.2	
3.8	28.0	56.6	32.2	60.3	34.6	64.7	35.5	65.7	
4.0	27.4	59.0	31.7	62.7	34.2	67.1	35.1	68.1	
7.2/7.3-33	0.2	51.0	13.6	51.5	17.4	51.7	22.0	51.8	23.0
	0.4	49.8	16.5	50.6	20.3	51.0	24.9	51.2	25.9
	0.6	48.8	19.4	49.8	23.3	50.4	27.8	50.6	28.9
	0.8	47.8	22.4	49.1	26.2	49.9	30.8	50.1	31.8
	1.0	46.9	25.3	48.4	29.1	49.3	33.7	49.6	34.7
	1.2	46.0	28.2	47.8	32.0	48.8	36.6	49.2	37.7
	1.4	45.2	31.2	47.2	35.0	48.3	39.6	48.7	40.6
	1.6	44.4	34.1	46.6	37.9	47.9	42.5	48.3	43.5
	1.8	43.7	37.0	46.1	40.8	47.4	45.4	47.9	46.5
	2.0	42.9	40.0	45.1	43.8	47.0	48.3	47.5	49.4
	2.2	42.2	42.9	45.0	46.7	46.6	51.3	47.1	52.3
	2.4	41.5	45.8	44.4	49.6	46.2	54.2	46.8	55.2
	2.6	40.8	48.7	43.9	52.6	45.7	57.1	46.4	58.2
	2.8	40.1	51.7	43.4	55.5	45.3	60.1	46.0	61.1
	3.0	39.4	56.4	42.9	58.4	45.0	64.0	45.7	64.0
	3.2	38.8	57.6	42.4	61.3	44.6	65.9	45.3	67.0
3.4	38.1	60.5	42.0	64.3	44.2	68.9	45.0	69.9	
3.6	37.5	63.4	41.5	67.2	43.8	71.8	44.6	72.8	
3.8	36.8	66.3	41.0	70.1	43.4	74.7	44.3	75.8	
4.0	36.2	69.3	40.6	73.1	43.1	77.6	44.0	78.7	
7T.2/7T.3-33	0.2	73.2	26.7	73.7	34.7	74.1	44.4	74.2	46.5
	0.4	71.7	30.8	72.6	38.9	73.2	48.5	73.4	50.7
	0.6	70.4	35.0	71.7	43.1	72.4	52.7	72.7	54.9
	0.8	69.2	39.2	70.8	47.2	71.7	56.9	72.1	59.1
	1.0	68.0	43.4	70.0	51.4	71.1	61.1	71.5	63.3
	1.2	67.0	47.6	69.2	55.6	70.5	65.3	70.9	67.5
	1.4	66.0	51.8	68.4	59.8	69.9	69.5	70.4	71.7
	1.6	65.0	56.0	67.7	64.0	69.3	73.7	69.8	75.8
7T.2/7T.3-33	1.8	64.0	60.1	67.0	68.2	68.7	77.8	69.3	80.0
	2.0	63.1	64.3	66.3	72.4	68.2	82.0	68.8	84.2
	2.2	62.2	68.5	65.6	76.5	67.6	86.2	68.3	88.4
	2.4	61.3	72.7	65.0	80.7	67.1	90.4	67.9	92.6
	2.6	60.4	76.9	64.3	84.9	66.6	94.6	67.4	96.8
	2.8	59.5	81.1	63.7	89.1	66.1	98.8	67.0	101.0
	3.0	58.7	85.3	63.1	93.3	65.6	103.0	66.5	105.1
	3.2	57.9	89.4	62.5	97.5	65.1	107.1	66.1	109.3
	3.4	57.1	93.6	61.9	101.7	64.7	111.3	65.6	113.5
	3.6	56.3	97.8	61.3	105.8	64.2	115.5	65.2	117.7
	3.8	55.5	102.0	60.7	110.0	63.7	119.7	64.8	121.9
	4.0	54.7	106.2	60.1	114.2	63.3	123.9	64.4	126.1

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
8.4/8.5-50	0.2	198.8	48.2	200.3	61.3	201.1	77.1	201.4	80.7
	0.4	195.0	59.5	197.5	72.7	198.9	88.5	199.4	92.1
	0.6	191.7	70.9	195.0	84.0	197.0	99.9	197.6	103.4
	0.8	188.6	82.2	192.8	95.4	195.2	111.2	196.0	114.8
	1.0	185.7	93.6	190.6	106.7	193.5	122.6	194.5	126.2
	1.2	183.0	105.0	188.6	118.1	191.9	133.9	193.0	137.5
	1.4	180.4	116.3	186.7	129.5	190.3	145.3	191.6	148.9
	1.6	177.8	127.7	184.8	140.8	188.9	156.6	190.3	160.2
	1.8	175.4	139.0	183.0	152.2	187.4	168.0	189.0	171.6
	2.0	173.0	150.4	181.3	163.5	186.0	179.4	187.7	182.9
	2.2	170.7	161.7	179.5	174.9	184.7	190.7	186.5	194.3
	2.4	168.4	173.1	177.9	186.2	183.3	202.1	185.3	205.6
	2.6	166.2	184.4	176.2	197.6	182.0	213.4	184.1	217.0
	2.8	164.0	195.8	174.6	209.0	180.8	224.8	182.9	228.4
	3.0	161.8	207.2	173.0	220.3	179.5	236.1	181.8	239.7
	3.2	159.7	218.5	171.5	231.7	178.3	247.5	180.7	251.1
3.4	157.6	229.9	169.9	243.0	177.1	258.8	179.6	262.4	
3.6	155.6	241.2	168.4	254.4	175.9	270.2	178.5	273.8	
3.8	153.6	252.6	166.9	265.7	174.7	281.6	177.4	285.1	
4.0	151.6	263.9	165.5	277.1	173.5	292.9	176.3	296.5	
9.2/9.3-67	0.2	371.0	146.6	372.0	191.4	373.0	214.8	374.0	257.4
	0.4	367.0	167.5	369.0	212.4	371.0	235.7	371.0	278.3
	0.6	363.0	188.4	367.0	233.3	369.0	256.7	369.0	299.2
	0.8	360.0	209.4	364.0	254.2	367.0	277.6	368.0	320.1
	1.0	357.0	230.3	362.0	275.1	365.0	298.5	366.0	341.1
	1.2	354.0	251.2	360.0	296.1	363.0	319.5	364.0	362.0
	1.4	351.0	272.1	358.0	317.0	362.0	340.4	363.0	382.9
	1.6	349.0	293.1	356.0	337.9	361.0	361.3	362.0	403.9
	1.8	347.0	314.0	355.0	358.9	359.0	382.3	361.0	424.8
	2.0	344.0	334.9	353.0	379.8	358.0	403.2	360.0	445.7
	2.2	342.0	355.9	351.0	400.7	356.0	424.1	358.0	466.6
	2.4	340.0	376.8	350.0	421.6	355.0	445.0	357.0	487.6
	2.6	338.0	397.7	348.0	442.6	354.0	466.0	356.0	508.5
	2.8	336.0	418.6	346.0	463.5	353.0	486.9	355.0	529.4
	3.0	333.0	439.6	345.0	484.4	351.0	507.8	354.0	550.4
	3.2	331.0	460.5	343.0	505.4	350.0	528.8	353.0	571.3
3.4	329.0	481.4	342.0	526.3	349.0	549.7	352.0	592.2	
3.6	327.0	502.4	340.0	547.2	348.0	570.6	350.0	613.1	
9.2/9.3-90	0.2	477.0	164.4	479.0	213.4	480.0	239.0	481.0	285.5
	0.4	471.0	191.3	475.0	240.3	477.0	265.9	478.0	312.5
	0.6	466.0	218.2	471.0	267.3	474.0	292.9	475.0	339.4
	0.8	462.0	245.2	468.0	294.2	471.0	319.8	473.0	366.3
	1.0	458.0	272.1	465.0	321.2	469.0	346.7	470.0	393.3
	1.2	454.0	299.0	462.0	348.1	467.0	373.7	468.0	420.2
	1.4	450.0	326.0	459.0	375.0	464.0	400.5	466.0	447.1
	1.6	448.0	352.9	458.0	402.0	463.0	427.5	465.0	474.1
	1.8	445.0	379.8	455.0	428.9	461.0	454.5	463.0	501.0
	2.0	441.0	406.8	453.0	455.8	459.0	481.4	462.0	527.9
	2.2	438.0	433.7	451.0	482.8	458.0	508.4	460.0	554.9
	2.4	435.0	460.6	448.0	509.7	456.0	535.3	459.0	581.8
	2.6	432.0	487.6	446.0	536.6	454.0	562.2	457.0	608.7
	2.8	430.0	514.5	444.0	563.6	452.0	589.2	455.0	635.7
	3.0	427.0	541.4	442.0	590.5	451.0	616.1	454.0	662.6
	9.2/9.3-112	0.2	592.0	182.6	594.0	235.8	596.0	263.6	596.0
0.4		586.0	216.0	590.0	269.2	592.0	297.0	593.0	347.5
0.6		580.0	249.3	586.0	302.6	589.0	330.4	590.0	380.9
0.8		575.0	282.7	582.0	336.0	586.0	363.8	587.0	414.3
1.0		571.0	316.1	579.0	369.4	583.0	397.1	585.0	447.6
1.2		566.0	349.5	575.0	402.7	581.0	430.5	583.0	481.0
1.4		562.0	382.8	572.0	436.1	578.0	463.9	580.0	514.4
1.6		560.0	416.2	571.0	469.5	577.0	497.3	579.0	547.8
1.8		556.0	449.6	568.0	502.9	575.0	530.6	577.0	581.2
2.0		553.0	483.0	565.0	536.2	573.0	564.0	575.0	614.5

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=950r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s							
		300		750		1500		2000	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
9.2/9.3-135	0.2	720.0	197.8	724.0	253.9	726.0	283.1	726.0	336.3
	0.4	712.0	238.5	717.0	294.6	721.0	323.8	722.0	377.0
	0.6	704.0	279.2	712.0	335.3	716.0	364.8	718.0	417.7
	0.8	697.0	320.0	707.0	376.0	712.0	405.3	714.0	458.3
	1.0	690.0	360.7	702.0	416.8	708.0	446.0	710.0	499.2
	1.2	684.0	401.4	697.0	457.5	705.0	486.7	707.0	539.9
	1.4	678.0	442.2	693.0	498.2	701.0	527.5	704.0	580.6
10.1ZK75	1.6	675.0	482.9	690.0	539.0	699.0	568.2	702.0	621.4
	0.2	626.0	364.2	628.0	475.1	629.0	534.5	630.0	564.4
	0.4	621.0	417.9	624.0	528.8	626.0	589.9	627.0	615.8
	0.6	617.0	471.7	621.0	582.5	624.0	645.3	625.0	671.2
	0.8	613.0	525.4	618.0	636.2	621.0	700.7	622.0	726.6
	1.0	609.0	579.1	615.0	690.0	619.0	756.1	620.0	782.0
	1.2	605.0	632.8	613.0	743.7	617.0	811.5	618.0	837.4
	1.4	602.0	686.5	610.0	797.4	615.0	866.8	617.0	892.7
	1.6	600.0	740.3	609.0	851.1	614.0	922.2	616.0	948.1
	1.8	597.0	794.0	606.0	904.8	612.0	977.6	614.0	1003.5
	2.0	594.0	847.7	604.0	958.6	610.0	1033.0	612.0	1058.9
	2.2	591.0	901.4	602.0	1012.3	609.0	1088.4	611.0	1114.3
	2.4	588.0	955.2	600.0	1066.0	607.0	1143.8	609.0	1169.7
	2.6	586.0	1008.9	598.0	1119.7	605.0	1199.1	608.0	1225.0
	2.8	583.0	1062.6	596.0	1173.5	604.0	1254.5	607.0	1280.4
10.1ZK94	3.0	580.0	1116.3	594.0	1227.2	602.0	1309.9	605.0	1335.8
	3.2	578.0	1170.0	593.0	1280.9	601.0	1365.3	604.0	1391.2
	3.4	575.0	1223.8	591.0	1334.6	600.0	1420.7	603.0	1446.6
	3.6	573.0	1277.5	589.0	1388.3	598.0	1476.1	601.0	1502.0
	0.2	787.0	429.9	790.0	559.2	792.0	628.8	792.0	659.0
	0.4	780.0	497.6	785.0	626.9	787.0	698.5	788.0	728.7
	0.6	774.0	565.2	780.0	694.6	784.0	768.3	785.0	798.5
	0.8	768.0	632.9	776.0	762.2	780.0	838.1	782.0	868.3
	1.0	762.0	700.6	772.0	829.9	777.0	907.8	779.0	938.0
	1.2	757.0	768.2	768.0	897.6	774.0	977.6	776.0	1007.8
	1.4	752.0	835.9	764.0	965.2	771.0	1047.3	774.0	1077.5
	1.6	749.0	9.3.6	762.0	1032.9	769.0	1117.1	772.0	1147.3
	1.8	745.0	971.2	759.0	1100.6	767.0	1186.9	770.0	1217.1
2.0	741.0	1038.9	756.0	1168.2	765.0	1256.6	768.0	1286.8	
2.2	737.0	1106.6	753.0	1235.9	762.0	1326.4	765.0	1356.6	
2.4	733.0	1174.2	750.0	1303.6	760.0	1396.1	763.0	1426.3	
2.6	729.0	1241.9	747.0	1371.2	758.0	1465.9	761.0	1496.1	
2.8	725.0	1309.6	744.0	1438.9	755.0	1535.7	759.0	1565.9	
3.0	721.0	1377.2	742.0	1506.6	753.0	1605.4	757.0	1635.6	
10.1ZK112	0.2	939.0	494.5	942.0	642.3	943.0	721.9	944.0	756.4
	0.4	931.0	575.1	936.0	722.9	939.0	805.0	940.0	839.5
	0.6	924.0	655.7	931.0	803.5	935.0	888.0	936.0	922.5
	0.8	918.0	736.2	927.0	884.0	931.0	971.1	933.0	1005.6
	1.0	913.0	816.8	922.0	964.6	928.0	1054.1	930.0	1088.6
	1.2	907.0	897.3	918.0	1045.1	925.0	1137.2	927.0	1171.7
	1.4	902.0	977.9	914.0	1125.7	922.0	1220.2	924.0	1254.7
	1.6	899.0	1058.4	912.0	1206.2	920.0	1303.3	923.0	1337.8
	1.8	894.0	1139.0	909.0	1286.8	917.0	1386.3	920.0	1420.8
2.0	890.0	1219.5	906.0	1367.3	915.0	1469.3	918.0	1503.9	
10.1ZK135	0.2	1134	563	1137	729.2	1139	819	1140	857.8
	0.4	1125	660.2	1131	826.5	1134	919.2	1135	958
	0.6	1117	757.4	1125	923.7	1129	1019.4	1131	1058.3
	0.8	1110	854.6	1120	1020.9	1125	1119.7	1127	1158.5
	1.0	1103	951.9	1115	1118.1	1121	1219.9	1124	1258.7
	1.2	1097	1049.1	1110	1215.3	1118	1320.1	1120	1358.9
	1.4	1091	1146.3	1106	1312.6	1114	1420.3	1117	1459.2
1.6	1088	1243.5	1103	1409.8	1112	1520.6	1115	1559.4	
10.1ZK150	0.2	1271	626.7	1276	811.4	1278	911.1	1279	954.3
	0.4	1261	735.8	1268	920.6	1272	1023.7	1273	1066.8
	0.6	1252	845	1261	1029.7	1267	1136.2	1269	1179.4
	0.8	1244	954.2	1255	1138.9	1262	1248.8	1264	1291.9
	1.0	1236	1063.3	1250	1248.1	1258	1361.3	1260	1404.5
1.2	1229	1172.5	1245	1357.2	1253	1473.9	1256	1517	

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
2.1 - 24	0.2	5.6	1.1	5.8	1.3	5.9	1.5	6.1	1.7	6.2	2.0	6.3	2.5	6.4	3.0	6.5	3.9	6.6	4.5
	0.4	4.8	1.5	5.2	1.7	5.4	1.8	5.6	2.1	5.8	2.4	6.0	2.8	6.2	3.4	6.3	4.3	6.4	4.8
	0.6	4.1	1.9	4.6	2.1	4.9	2.2	5.2	2.4	5.5	2.8	5.8	3.2	6.0	3.8	6.2	4.7	6.3	5.2
	0.8					4.4	2.6	4.8	2.8	5.2	3.2	5.5	3.6	5.8	4.1	6.0	5.1	6.2	5.6
	1.0									5.0	3.5	5.3	4.0	5.6	4.5	5.9	5.4	6.1	6.0
2.1 - 34	0.2	8.4	1.4	8.7	1.7	8.8	1.8	9.0	2.1	9.2	2.5	9.3	3.0	9.5	3.6	9.6	4.7	9.6	5.3
	0.4	7.3	2.0	7.8	2.2	8.1	2.4	8.4	2.6	8.7	3.0	9.0	3.5	9.1	4.2	9.3	5.3	9.5	5.9
	0.6	6.4	2.5	7.1	2.3	7.4	2.9	7.9	3.2	8.3	3.6	8.6	4.1	8.9	4.7	9.1	5.8	9.3	6.4
	0.8					6.9	3.5	7.4	3.7	7.9	4.1	8.3	4.5	8.6	5.3	9.0	6.4	9.2	7.0
	1.0									7.5	4.7	8.0	5.2	8.4	5.8	8.8	6.9	9.0	7.5
2.1 - 46	0.2	11.2	1.7	11.5	2.0	11.8	2.2	12.0	2.4	12.3	2.9	12.5	3.5	12.7	4.2	12.8	5.4	12.9	6.0
	0.4	9.4	2.5	10.4	2.7	10.8	2.9	11.2	3.2	11.6	3.6	12.0	4.2	12.2	4.9	12.5	6.1	12.7	6.8
	0.6	8.7	3.2	9.3	3.4	9.9	3.6	10.4	3.9	11.0	4.4	11.5	4.9	11.9	5.6	12.2	6.9	12.5	7.5
	0.8					9.0	4.4	9.8	4.7	10.5	5.1	11.1	5.7	11.5	6.4	12.0	7.6	12.3	8.3
	1.0									10.0	5.8	10.7	6.4	11.2	7.1	11.8	8.3	12.1	9.0
4.1/4.2 - 48	0.2	45.9	5.1	46.8	5.6	47.4	6.1	48.0	6.8	48.6	7.8	49.1	9.1	49.5	10.7	49.9	13.5	50.1	15.0
	0.4	42.4	8.0	44.0	8.5	44.9	8.9	46.0	9.6	47.0	10.6	47.8	11.9	48.5	13.5	49.1	16.3	49.5	17.9
	0.6	39.3	10.8	41.5	11.3	42.8	11.8	44.2	12.4	45.6	13.5	46.7	14.7	47.6	16.4	48.5	19.7	49.0	20.7
	0.8									44.3	16.3	45.7	17.6	46.8	19.2	47.9	22.0	48.5	23.5
	1.0													46.0	22.0	47.3	24.8	48.1	26.4
5.1/5.2 - 87	0.2	75.5	9.1	77.0	10.1	78.0	11.0	79.0	12.3	80.1	14.3	80.9	16.8	81.5	19.9	82.2	25.4	82.5	26.3
	0.4	69.7	13.8	72.3	14.8	73.9	15.7	75.6	17.0	77.4	18.9	78.7	21.4	79.8	24.6	80.9	30.0	81.6	33.0
	0.6			68.2	19.5	70.4	20.3	72.7	21.6	75.0	28.6	76.9	26.1	78.3	29.3	79.8	34.7	80.7	37.6
	0.8									72.8	28.3	75.1	30.8	77.0	33.9	78.8	39.4	79.9	42.3
	1.0													75.7	38.6	77.9	44.0	79.1	47.0
6.4/6.5 - 100	0.2	131.0	12.9	133.0	14.0	134.0	15.0	135.0	16.4	137.0	18.6	138.0	21.4	138.0	25.0	139.0	31.1	140.0	34.4
	0.4	124.0	20.7	127.0	21.8	129.0	22.8	131.0	24.3	133.0	26.5	135.0	29.3	136.0	32.8	138.0	38.9	139.0	42.2
	0.6	118.0	28.6	122.0	29.7	125.0	30.7	128.0	32.1	130.0	34.4	133.0	37.2	135.0	40.7	136.0	46.8	137.0	50.1
	0.8							124.0	40.0	128.0	42.2	131.0	45.0	133.0	48.5	135.0	54.7	136.0	57.9
	1.0													131.0	56.4	134.0	62.5	136.0	65.8
7.2/7.3 - 112	0.2	255.0	23.8	258.0	25.8	260.0	27.5	261.0	30.0	263.0	34.0	265.0	38.9	266.0	45.1	267.0	55.8	267.0	61.6
	0.4	245.0	38.8	250.0	40.8	252.0	42.5	255.0	45.0	258.0	49.0	261.0	53.9	263.0	60.1	265.0	70.8	266.0	76.6
	0.6			242.0	55.8	246.0	57.5	250.0	60.0	254.0	64.0	258.0	68.9	260.0	75.1	263.0	85.8	264.0	91.6
	0.8							245.0	75.0	250.0	79.0	255.0	83.9	258.0	90.1	261.0	101.0	263.0	107.0
	1.0													255.0	105.0	259.0	116.0	262.0	122.0
7.2/7.3 - 124	0.2	283.0	26.1	286.0	28.2	288.0	30.1	290.0	32.9	292.0	37.1	293.0	42.4	294.0	49.1	296.0	60.7	295.0	66.9
	0.4	272.0	42.7	277.0	44.8	280.0	46.7	283.0	49.5	286.0	53.7	289.0	59.0	291.0	66.7	293.0	77.3	294.0	83.6
	0.6			269.0	61.5	273.0	63.3	278.0	66.1	282.0	70.3	286.0	75.6	288.0	82.3	291.0	93.9	293.0	100.0
	0.8									278.0	86.9	282.0	92.2	285.0	98.9	289.0	111.0	291.0	117.0
	1.0													283.0	116.0	287.0	127.0	290.0	133.0
7.2/7.3 - 144	0.2	467.0	43.4	473.0	46.9	476.0	50.0	480.0	54.5	484.0	61.5	487.0	70.3	489.0	81.4	491.0	101.0	493.0	111.0
	0.4	446.0	71.0	455.0	74.5	461.0	77.6	468.0	82.2	474.0	89.2	479.0	97.9	483.0	100.0	487.0	128.0	489.0	139.0
	0.6	428.0	98.7	440.0	102.0	448.0	105.0	457.0	110.0	465.0	117.0	472.0	126.0	477.0	137.0	483.0	156.0	485.0	166.0
	0.8	411.0	126.0	427.0	130.0	436.0	133.0	447.0	138.0	457.0	144.0	466.0	153.0	472.0	164.0	479.0	184.0	483.0	194.0
	1.0													468.0	192.0	476.0	211.0	480.0	222.0
8.4/8.5 - 144	0.2	855.0	82.0	864.0	89.1	869.0	95.5	874.0	105.0	879.0	119.0	884.0	137.0	887.0	159.0	890.0	199.0	892.0	220.0
	0.4	825.0	132.0	839.0	139.0	847.0	145.0	856.0	155.0	865.0	159.0	872.0	187.0	878.0	209.0	884.0	249.0	887.0	270.0
	0.6	798.0	182.0	817.0	189.0	828.0	195.0	841.0	205.0	863.0	219.0	863.0	237.0	870.0	259.0	878.0	299.0	883.0	320.0
	0.8	774.0	232.0	797.0	239.0	811.0	245.0	826.0	255.0	841.0	269.0	854.0	287.0	863.0	309.0	873.0	349.0	878.0	370.0
	1.0	751.0	252.0	778.0	289.0	795.0	295.0	813.0	305.0	831.0	319.0	845.0	337.0	855.0	339.0	868.0	399.0	875.0	420.0
9.2/9.3 - 150	0.2	1189.0	155.0	1119.0	174.0	1204.0	192.0	1210.0	216.0	1217.0	254.0	1221.0	302.0	1225.0	363.0	1229.0	468.0	1231.0	525.0
	0.4	1155.0	224.0	1171.0	243.0	1180.0	260.0	1190.0	285.0	1201.0	323.0	1209.0	371.0	1215.0	432.0	1222.0	537.0	1225.0	593.0
	0.6	1125.0	293.0	1146.0	312.0	1159.0	329.0	1173.0	354.0	1187.0	392.0	1198.0	440.0	1206.0	501.0	1215.0	606.0	1220.0	662.0
	0.8	1097.0	362.0	1123.0	381.0	1139.0	398.0	1156.0	423.0	1174.0	461.0	1187.0	509.0	1198.0	570.0	1209.0	675.0	1216.0	731.0
	1.0	1071.0	430.0	1102.0	450.0	1121.0	467.0	1141.0	492.0	1162.0	536.0	1178.0	578.0	1191.0	639.0	1204.0	744.0	1211.0	800.0

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
2.1 - 18	0.2	4.4	1.0	4.5	1.2	4.6	1.3	4.8	1.6	4.9	1.9	5.0	2.3	5.0	2.8	5.1	3.7	5.1	4.2
	0.4	3.7	1.3	4.0	1.5	4.2	1.6	4.4	1.9	4.6	2.2	4.7	2.6	4.8	3.1	5.0	4.0	5.0	4.5
	0.6	3.2	1.6	3.6	1.8	3.8	1.9	4.1	2.1	4.3	2.5	4.5	2.9	4.7	3.4	4.8	4.3	4.9	4.8
	0.8	2.7	1.9	3.1	2.1	3.4	2.2	3.8	2.4	4.1	2.8	4.3	3.2	4.5	3.7	4.7	4.6	4.8	5.1
	1.0	2.2	2.2	2.7	2.4	3.1	2.5	3.5	2.7	3.9	3.1	4.2	3.5	4.4	4.0	4.6	4.9	4.8	5.4
	1.2	1.7	2.5	2.4	2.7	2.8	2.8	3.2	3.0	3.6	3.4	4.0	3.8	4.3	4.3	4.5	5.2	4.7	5.7
3.1/3.2 - 58	0.2	20.0	2.7	20.5	3.8	20.8	3.3	21.2	3.7	21.5	4.3	21.8	5.1	22.0	6.1	22.2	7.8	22.3	8.7
	0.4	18.1	3.9	19.0	4.2	19.5	4.5	20.1	4.9	20.6	5.5	21.1	6.3	21.4	7.3	21.8	9.8	22.0	10.0
	0.6			17.6	5.5	18.3	5.8	19.1	6.2	19.8	6.8	20.5	7.6	20.9	8.6	21.4	10.3	21.7	11.2
	0.8					17.2	7.1	18.2	7.5	19.1	8.1	19.9	8.9	20.5	9.9	21.1	11.6	21.4	12.5
	1.0							17.3	8.7	18.5	9.3	19.4	10.1	20.1	11.1	20.8	12.8	21.2	13.8
	1.2									17.8	10.6	18.9	11.4	19.7	12.4	20.5	14.1	21.8	15.0
4.1/4.2 - 70	0.2	40.6	4.7	41.5	5.2	42.1	5.6	42.6	6.3	43.2	7.2	43.7	8.4	44.1	10.0	44.4	12.6	44.7	14.1
	0.4	37.3	7.2	38.8	7.7	39.7	8.2	40.7	8.8	41.7	9.8	42.5	11.0	43.1	12.5	43.7	15.2	44.1	16.6
	0.6	34.3	9.8	36.4	10.2	37.7	10.7	39.0	11.3	40.3	12.3	41.4	13.5	42.3	15.0	43.1	17.7	43.6	19.1
	0.8			34.2	12.8	35.8	13.2	37.4	13.8	39.1	14.8	40.4	16.0	41.5	17.6	42.5	20.2	43.1	21.7
	1.0							36.0	16.4	37.9	17.3	39.5	18.6	40.7	20.1	42.0	22.8	42.7	24.2
	1.2									36.8	19.9	38.6	21.1	40.0	22.6	41.5	25.3	42.3	26.7
5.1/5.2 - 78	0.2	67.7	8.4	69.1	9.4	69.9	10.2	70.8	11.4	71.6	13.3	72.3	15.7	72.9	18.7	73.4	23.9	73.8	26.7
	0.4	62.8	12.6	65.0	13.5	66.4	14.4	67.9	15.6	69.3	17.5	70.5	19.9	71.4	22.9	72.4	28.1	72.9	30.9
	0.6	58.5	16.8	61.5	17.7	63.4	18.5	65.3	19.8	67.3	21.7	68.9	24.0	70.2	27.0	71.4	32.3	72.2	35.0
	0.8			58.2	21.9	60.6	22.7	63.0	23.9	65.5	25.8	67.4	28.2	69.0	31.2	70.6	36.4	71.5	39.2
	1.0							60.8	28.1	63.7	30.0	66.1	32.4	67.9	35.4	69.8	40.6	70.9	43.4
	1.2									62.1	34.2	64.8	36.5	66.9	39.5	69.0	44.7	70.2	47.5
6.4/6.5 - 90	0.2	118.0	11.8	120.0	12.8	121.0	13.7	122.0	15.1	123.0	17.2	124.0	19.8	124.0	23.1	125.0	28.9	125.0	32.0
	0.4	112.0	18.8	115.0	19.9	116.0	20.8	118.0	22.1	120.0	24.2	121.0	26.9	123.0	30.2	124.0	33.9	124.0	39.0
	0.6	107.0	25.9	110.0	26.9	113.0	27.8	115.0	29.2	118.0	31.3	120.0	33.9	121.0	37.2	123.0	43.0	124.0	46.1
	0.8			105.0	34.0	109.0	34.9	112.0	36.3	115.0	38.3	118.0	41.0	120.0	44.3	122.0	50.0	123.0	53.1
	1.0					106.0	42.0	110.0	43.3	113.0	45.4	116.0	48.0	118.0	51.4	121.0	57.1	122.0	60.2
	1.2							107.0	50.4	111.0	52.5	114.0	55.1	117.0	58.4	120.0	64.1	121.0	67.2
7.2/7.3 - 94	0.2	213.0	20.6	215.0	22.3	217.0	23.9	218.0	26.2	220.0	29.9	221.0	34.3	222.0	39.9	223.0	49.7	224.0	54.9
	0.4	204.0	33.1	208.0	34.9	211.0	36.5	213.0	38.3	216.0	42.3	218.0	46.8	220.0	52.5	221.0	62.2	222.0	67.5
	0.6	196.0	45.7	202.0	47.5	208.0	49.0	209.0	51.3	212.0	54.9	215.0	59.4	217.0	65.0	220.0	74.8	221.0	80.1
	0.8					200.0	61.6	204.0	63.9	209.0	67.5	212.0	71.9	215.0	77.5	218.0	87.4	220.0	92.6
	1.0							200.0	76.5	206.0	80.0	210.0	84.5	213.0	90.1	217.0	99.9	219.0	105.0
	1.2									203.0	92.6	208.0	97.0	211.0	103.0	215.0	112.0	217.0	118.0
7.2/7.3 - 112	0.2	366.0	35.9	370.0	39.1	372.0	42.0	375.0	46.1	377.0	52.5	379.0	60.6	381.0	70.7	383.0	88.3	383.0	97.8
	0.4	352.0	57.4	358.0	60.6	362.0	63.5	367.0	67.6	371.0	74.0	374.0	82.1	377.0	92.2	379.0	110.0	381.0	119.0
	0.6	340.0	78.9	348.0	82.1	354.0	85.0	359.0	89.1	365.0	95.5	370.0	104.0	373.0	114.0	377.0	131.0	379.0	141.0
	0.8	320.0	100.0	339.0	104.0	346.0	106.0	353.0	111.0	360.0	117.0	365.0	125.0	370.0	135.0	374.0	153.0	377.0	162.0
	1.0	317.0	122.0	330.0	125.0	338.0	128.0	346.0	132.0	355.0	139.0	361.0	147.0	367.0	157.0	372.0	174.0	375.0	184.0
	1.2					331.0	149.0	340.0	154.0	350.0	160.0	358.0	168.0	364.0	178.0	370.0	196.0	373.0	205.0
7.2/7.3 - 130	0.2	422.0	40.0	427.0	43.3	430.0	46.3	434.0	50.6	437.0	57.3	440.0	65.7	442.0	76.3	444.0	94.6	446.0	104.0
	0.4	403.0	65.0	412.0	68.3	417.0	71.3	423.0	75.6	428.0	82.3	433.0	90.7	436.0	101.0	440.0	120.0	442.0	129.0
	0.6	386.0	90.0	398.0	93.3	405.0	96.3	413.0	101.0	420.0	107.0	427.0	116.0	431.0	126.0	436.0	145.0	439.0	154.0
	0.8	371.0	115.0	385.0	118.0	394.0	121.0	404.0	126.0	413.0	132.0	421.0	141.0	427.0	151.0	433.0	170.0	436.0	179.0
	1.0	357.0	140.0	374.0	143.0	384.0	146.0	395.0	151.0	407.0	157.0	416.0	166.0	423.0	175.0	430.0	196.0	434.0	204.0
	1.2					375.0	171.0	387.0	176.0	400.0	182.0	411.0	191.0	419.0	201.0	427.0	220.0	432.0	229.0

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
8.4/8.5 - 130	0.2	779.0	75.4	785.0	82.1	790.88.1	88.1	795.0	95.0	800.0	110.0	804.0	127.0	807.0	148.0	810.0	185.0	811.0	204.0
	0.4	752.0	121.0	764.0	129.0	772.0	134.0	779.0	142.0	787.0	158.0	794.0	172.0	799.0	193.0	804.0	193.0	804.0	250.0
	0.6	729.0	166.0	745.0	173.0	755.0	179.0	766.0	188.0	776.0	201.0	785.0	218.0	792.0	246.0	799.0	276.0	803.0	295.0
	0.8	707.0	221.0	727.0	215.0	740.0	224.0	753.0	233.0	766.0	246.0	777.0	263.0	795.0	284.0	794.0	321.0	799.0	341.0
	1.0	687.0	257.0	711.0	264.0	726.0	270.0	741.0	279.0	757.0	292.0	770.0	309.0	780.0	330.0	790.0	366.0	796.0	336.0
	1.2	658.0	303.0	695.0	309.0	712.0	315.0	730.0	324.0	748.0	337.0	763.0	354.0	774.0	375.0				
	1.5																		
8.4/8.5 - 112	0.2	558.0	66.2	675.0	72.2	679.0	77.5	683.0	85.3	688.0	97.3	691.0	112.0	694.0	132.0	697.0	164.0	699.0	182.0
	0.4	643.0	105.0	654.0	111.0	661.0	117.0	669.0	125.0	676.0	137.0	682.0	152.0	697.0	171.0	692.0	204.0	694.0	221.0
	0.6	621.0	145.0	635.0	151.0	646.0	155.0	656.0	154.0	665.0	175.0	674.0	191.0	680.0	210.0	687.0	243.0	691.0	261.0
	0.8	601.0	184.0	623.0	190.0	632.0	195.0	644.0	203.0	657.0	215.0	667.0	230.0	675.0	249.0	683.0	282.0	687.0	300.0
	1.0	552.0	223.0	604.0	229.0	618.0	234.0	633.0	242.0	648.0	254.0	660.0	269.0	660.0	288.0	678.0	321.0	684.0	339.0
	1.2	554.0	202.0	589.0	268.0	606.0	273.0	622.0	281.0	639.0	293.0	653.0	308.0	664.0	327.0	675.0	360.0	681.0	378.0
	1.4	546.0	301.0	575.0	307.0	593.0	313.0	612.0	320.0	631.0	332.0	647.0	347.0	659.0	367.0				
1.6					582.0	352.0	602.0	360.0	624.0	372.0	640.0	387.0							
8.4/8.5 - 100	0.2	593.0	60.0	599.0	66.6	600.0	71.7	607.0	79.2	611.0	90.8	614.0	105.0	618.0	124.0	619.0	155.0	620.0	173.0
	0.4	571.0	95.0	581.0	101.0	587.0	101.0	594.0	114.0	600.0	125.0	606.0	140.0	610.0	158.0	614.0	190.0	617.0	207.0
	0.6	551.0	180.0	565.0	136.0	574.0	141.0	582.0	149.0	591.0	160.0	599.0	175.0	604.0	193.0	610.0	225.0	613.0	242.0
	0.8	534.0	165.0	550.0	171.0	561.0	176.0	572.0	184.0	583.0	195.0	592.0	210.0	599.0	228.0	606.0	260.0	610.0	277.0
	1.0	517.0	200.0	531.0	205.0	549.0	211.0	562.0	218.0	575.0	230.0	586.0	244.0	594.0	263.0	602.0	295.0	607.0	312.0
	1.2	501.0	235.0	524.0	240.0	538.0	245.0	553.0	253.0	568.0	265.0	580.0	279.0	589.0	298.0	599.0	329.0	605.0	345.0
	1.4	485.0	269.0	511.0	275.0	527.0	280.0	544.0	288.0	561.0	299.0	574.0	314.0	585.0	332.0	596.0	364.0	602.0	381.0
	1.6	470.0	304.0	499.0	310.0	517.0	315.0	535.0	323.0	554.0	334.0	569.0	349.0	581.0	367.0	592.0	399.0		
	1.8					506.0	350.0	527.0	357.0	547.0	369.0	563.0	384.0						
2.1 - 14	0.2	3.2	0.9	3.4	1.1	3.5	1.2	3.6	1.5	3.6	1.8	3.7	2.2	3.8	2.7	3.8	3.6	3.9	4.0
	0.4	2.7	1.2	3.0	1.3	3.1	1.5	3.3	1.7	3.4	2.0	3.5	2.4	3.6	2.9	3.7	3.8	3.8	4.3
	0.6	2.3	1.4	2.6	1.5	2.8	1.7	3.0	1.9	3.2	2.2	3.4	2.6	3.5	3.1	3.6	4.0	3.7	4.5
	0.8	1.9	1.6	2.3	1.8	2.5	1.9	2.8	2.1	3.0	2.4	3.2	2.8	3.4	3.4	3.5	4.2	3.6	4.7
	1.0	1.5	1.8	1.9	2.0	2.2	2.1	2.5	2.3	2.8	2.7	3.1	3.1	3.3	3.6	3.5	4.5	3.6	4.9
	1.2	1.1	2.1	1.6	2.2	2.0	2.4	2.3	2.6	2.7	2.9	2.9	3.3	3.2	3.8	3.4	4.7	3.5	5.1
	1.4	0.8	2.3	1.3	2.4	1.7	2.6	2.1	2.8	2.5	3.1	2.8	3.5	3.0	4.0	3.3	4.9	3.4	5.4
	1.6			1.1	2.7	1.5	2.9	1.9	3.0	2.3	3.3	2.7	3.7	2.9	4.2	3.2	5.1	3.4	5.6
	1.8										2.2	3.6	2.6	4.0	2.9	4.5	3.2	5.3	3.3
2.0														2.8	4.7	3.1	5.6	3.3	6.0
3.1/3.2 - 40	0.2	13.7	2.1	14.1	2.4	14.3	2.7	14.5	3.0	14.8	3.6	15.0	4.3	15.1	5.2	15.3	6.7	15.4	7.5
	0.4	12.3	3.0	12.9	3.3	13.3	3.5	13.7	3.9	14.1	4.5	14.5	5.2	14.7	6.1	15.0	7.6	15.1	8.4
	0.6	10.0	3.9	11.9	4.2	12.5	4.4	13.0	4.8	13.5	5.3	14.0	6.0	14.4	6.9	14.7	8.5	14.9	9.3
	0.8		4.8	10.2	5.0	11.7	5.3	12.4	5.6	12.6	6.2	13.6	6.9	14.0	7.8	14.5	9.3	14.7	10.2
	1.0				5.9	10.2	6.2	11.2	6.5	12.1	7.1	13.2	7.8	13.7	8.7	14.3	10.2	14.6	11.0
	1.2						7.0	10.5	7.4	11.7	8.0	12.8	8.7	13.4	9.5	14.0	11.1	14.4	11.9
	1.4								8.3	11.2	8.8	12.5	9.5	13.2	10.4	13.8	12.0	14.2	12.8
	1.6										9.7	12.2	10.4	12.9	11.3	13.6	12.8	14.1	13.7
	1.8											11.8	11.3	12.6	12.2	13.4	13.7	13.9	14.5
2.0													12.4	13.0	13.3	14.5	13.8	15.4	
3.1/3.2 - 50	0.2	17.0	2.4	17.5	2.7	17.7	3.0	18.0	3.4	18.3	4.0	18.6	4.7	18.8	5.7	19.0	7.3	19.1	8.2
	0.4	15.3	3.5	16.1	3.8	16.5	4.1	17.0	4.5	17.6	5.1	18.0	5.8	18.3	6.7	18.6	8.4	18.8	9.3
	0.6	13.8	4.6	14.8	4.9	15.5	5.2	16.2	5.5	16.9	6.1	17.4	6.9	17.8	7.8	18.3	9.5	18.5	10.3
	0.8			13.7	6.0	14.5	6.2	15.4	6.6	16.2	7.2	16.9	8.0	17.4	8.9	18.0	10.5	18.3	11.4
	1.0					13.5	7.3	14.6	7.7	15.6	8.3	16.4	9.1	17.1	10.0	17.7	11.5	18.1	12.5
	1.2							13.9	8.8	15.1	9.4	16.0	10.1	16.7	11.1	17.4	12.7	17.9	13.6
	1.4									14.5	10.5	15.5	11.2	16.4	12.2	17.2	13.8	17.7	14.7
	1.6											15.1	12.3	16.0	13.2	16.9	14.9	17.5	15.8
	1.8													15.7	14.3	16.7	16.0	17.3	16.8
2.0													15.4	15.4	16.5	17.1	17.9	17.9	

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
4.1/4.2 - 56	0.2	33.3	4.0	34.0	4.4	34.4	4.8	34.8	5.4	35.3	6.3	35.6	7.3	35.9	8.7	36.2	11.1	36.4	12.4
	0.4	30.8	6.1	31.9	6.5	32.6	6.9	33.4	7.4	34.1	8.3	34.7	9.4	35.2	10.8	35.7	13.2	35.9	14.4
	0.6	28.8	8.1	30.1	8.6	31.1	8.9	32.1	9.5	33.1	10.4	33.9	11.5	34.5	12.8	35.2	15.2	35.6	16.5
	0.8	28.6	10.2	28.5	10.6	29.7	11.0	30.9	11.6	32.2	12.4	33.2	13.5	34.0	14.9	34.8	17.3	35.2	18.6
	1.0			26.9	12.7	28.3	13.0	29.8	13.6	31.3	14.5	33.5	15.6	33.4	16.9	34.3	19.3	34.9	20.6
	1.2					27.1	15.0	28.7	15.7	30.4	16.5	32.5	17.6	32.9	19.0	34.0	21.4	34.6	22.7
	1.4									29.6	18.6	31.8	19.7	32.4	21.1	33.5	23.4	34.3	24.7
	1.6											31.2	21.7	31.9	23.1	33.2	25.5	34.0	26.8
	1.8											29.9	23.8	31.4	25.2	32.9	27.6	33.7	28.8
	2.0													30.9	27.2	32.5	29.5	33.5	30.9
5.1/5.2 - 65	0.2	58.2	7.5	59.1	8.3	59.7	9.1	60.2	10.3	60.8	12.0	61.2	14.2	61.6	17.0	62.0	21.5	62.2	24.4
	0.4	55.0	10.9	56.5	11.8	57.4	12.6	58.3	13.8	59.3	15.5	60.1	17.7	60.7	20.5	61.3	25.3	61.6	21.9
	0.6	52.2	14.4	52.0	15.3	55.4	16.1	56.7	17.3	58.0	19.0	59.0	21.2	59.8	24.0	60.7	28.8	61.1	31.4
	0.8	49.5	18.0	50.0	18.8	53.4	19.6	55.1	20.8	56.8	22.5	58.0	24.7	59.1	27.5	60.1	32.3	60.1	34.9
	1.0				22.3	53.2	23.3	53.7	24.3	55.6	25.0	57.1	28.2	58.3	31.0	59.6	35.8	60.3	38.4
	1.2					51.8	26.6	52.3	27.8	54.5	29.5	56.3	31.7	57.7	34.5	59.1	39.3	59.9	41.9
	1.4					50.2		51.0	31.3	53.5	33.0	55.5	33.7	57.0	38.0	58.6	42.9	59.5	45.4
	1.6									52.5	35.5	54.7	38.7	56.4	41.5	58.1	46.3	59.1	48.9
	1.8											53.9	42.2	55.8	45.0	57.7	49.9	58.8	52.4
	2.0													55.2	48.5	57.2	53.3	58.4	55.9
6.4/6.5 - 75	0.2	98.5	18.1	99.7	11.1	100.0	11.9	101.0	13.2	102.0	15.1	103.0	17.5	103.0	20.5	104.0	25.8	104.0	28.6
	0.4	94.0	16.0	96.0	16.9	97.3	17.8	98.6	19.0	99.9	20.9	101.0	23.5	102.0	26.4	103.0	31.6	103.0	34.4
	0.6	90.0	21.8	92.8	22.8	94.5	23.6	96.6	24.9	98.1	25.8	99.5	29.5	101.0	32.2	102.0	37.5	102.0	40.3
	0.8	85.5	27.6	89.9	28.6	92.0	29.4	94.2	30.7	95.4	32.6	98.2	35.0	99.6	38.0	101.0	43.3	102.0	46.1
	1.0			87.1	34.4	89.5	35.3	92.2	36.5	94.8	38.4	96.5	40.8	98.6	43.9	100.0	49.1	101.0	51.9
	1.2					87.4	41.1	90.3	42.4	93.4	44.3	95.8	46.7	97.7	49.7	99.6	55.0	101.0	57.8
	1.4							85.5	48.2	91.9	50.1	94.8	52.5	96.8	55.5	98.9	60.9	100.0	63.6
	1.6									90.6	55.9	93.5	56.3	95.9	61.4	98.3	66.5	99.7	69.4
	1.8											92.5	64.2	95.1	67.2	97.7	72.5	99.2	75.3
	2.0													94.2	73.0	97.1	78.3	98.7	81.1
7.2/7.3 - 85	0.2	195.0	19.1	197.0	20.8	199.0	22.3	200.0	24.5	201.0	27.9	203.0	32.1	204.0	37.5	204.0	46.8	205.0	51.8
	0.4	187.0	30.6	191.0	32.3	193.0	33.8	196.0	38.0	198.0	39.4	200.0	43.6	201.0	49.0	203.0	58.3	204.0	63.3
	0.6	180.0	42.1	185.0	43.8	188.0	45.3	192.0	47.5	194.0	50.9	197.0	55.1	199.0	60.0	201.0	69.8	202.0	74.8
	0.8			180.0	55.3	183.0	56.8	187.0	59.0	191.0	62.4	195.0	66.6	197.0	72.0	200.0	81.3	201.0	86.3
	1.0					179.0	68.3	184.0	78.5	189.0	73.5	192.0	78.1	195.0	83.0	198.0	92.8	200.0	91.8
	1.2							180.0	82.0	186.0	85.4	190.0	89.6	194.0	95.0	197.0	104.0	199.0	100.0
	1.4									183.0	96.9	188.0	101.0	192.0	106.0	196.0	116.0	198.0	121.0
	1.6											185.0	113.0	190.0	118.0	195.0	127.0	197.0	132.0
	1.8											184.0	124.0	189.0	129.0	194.0	139.0	196.0	144.0
	2.0													187.0	141.0	193.0	150.0	196.0	155.0
7.1/7.1.3 - 94	0.2	311.0	31.0	314.0	35.0	316.0	37.7	318.0	41.6	320.0	47.7	322.0	55.4	323.0	65.1	324.0	81.8	325.0	90.8
	0.4	299.0	50.1	304.0	53.2	308.0	55.9	311.0	59.5	315.0	66.0	317.0	73.6	320.0	83.3	322.0	100.0	323.0	109.0
	0.6	289.0	68.4	296.0	71.4	300.0	74.1	305.0	78.1	310.0	84.0	314.0	91.9	317.0	102.0	320.0	118.0	321.0	127.0
	0.8	279.0	86.6	288.0	89.6	294.0	92.4	299.0	96.3	305.0	102.0	310.0	110.0	314.0	120.0	317.0	136.0	320.0	145.0
	1.0	270.0	100.0	281.0	108.0	287.0	111.0	294.0	115.0	301.0	121.0	307.0	128.0	311.0	138.0	316.0	155.0	318.0	164.0
	1.2	262.0	103.0	274.0	126.0	281.0	129.0	289.0	133.0	297.0	139.0	304.0	147.0	309.0	156.0	314.0	173.0	317.0	182.0
	1.4			267.0	144.0	276.0	147.0	285.0	151.0	294.0	157.0	301.0	165.0	306.0	174.0	312.0	191.0	315.0	200.0
	1.6					270.0	165.0	280.0	168.0	290.0	175.0	298.0	183.0	304.0	193.0	310.0	209.0	314.0	218.0
	1.8									286.0	194.0	295.0	201.0	302.0	211.0	309.0	228.0	313.0	237.0
	2.0											292.0	219.0	300.0	229.0	307.0	246.0	311.0	255.0
8.4/8.5 - 85	0.2	501.0	53.6	507.0	59.0	511.0	36.7	515.0	70.7	518.0	81.3	521.0	94.8	524.0	112.0	526.0	141.0	528.0	157.0
	0.4	490.0	83.6	490.0	88.0	496.0	93.2	502.0	100.0	508.0	111.0	513.0	124.0	518.0	141.0	522.0	171.0	524.0	196.0
	0.6	451.0	113.0	474.0	118.0	482.0	123.0	491.0	130.0	500.0	141.0	501.0	154.0	512.0	171.0	518.0	200.0	521.0	216.0
	0.8	444.0	142.0	460.0	148.0	470.0	153.0	481.0	159.0	492.0	170.0	500.0	184.0	507.0	201.0	514.0	230.0	518.0	246.0
	1.0	428.0	172.0	447.0	177.0	459.0	182.0	471.0	189.0	484.0	200.0	494.0	213.0	502.0	230.0	510.0	259.0	515.0	275.0
	1.2	412.0	202.0	434.0	207.0	448.0	212.0	457.0	218.0	477.0	229.0	488.0	243.0	498.0	260.0	507.0	289.0	512.0	305.0
	1.4	397.0	231.0	422.0	237.0	438.0	241.0	454.0	248.0	470.0	259.0	483.0	272.0	493.0	289.0	504.0	319.0	510.0	334.0
	1.6	383.0	261.0	410.0	266.0	428.0	271.0	445.0	278.0	453.0	289.0	478.0	302.0	489.0	319.0	501.0	348.0	507.0	364.0
	1.8	369.0	291.0	399.0	296.0	418.0	301.0	437.0	308.0	457.0	318.0	473.0	332.0	485.0	349.0	498.0	378.0	505.0	394.0
	2.0					408.0	330.0	429.0	337.0	451.0	348.0	468.0	361.0	481.0	378.0				

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																		
		1		10		20		40		75		150		300		750		1500		
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	
2.1 - 11	0.2	2.6	0.9	2.7	0.1	2.7	1.2	2.8	1.4	2.9	1.7	3.0	2.1	3.0	2.6	3.1	3.4	3.1	3.9	
	0.4	2.1	1.1	2.3	1.2	2.4	1.4	2.6	1.6	2.7	1.9	2.8	2.3	2.9	2.7	3.0	3.6	3.0	4.1	
	0.6	1.7	1.2	2.0	1.4	2.2	1.5	2.3	1.7	2.5	2.0	2.7	2.4	2.8	2.9	2.9	3.8	2.9	4.2	
	0.8	1.4	1.4	1.7	1.6	1.9	1.7	2.1	1.9	2.4	2.2	2.5	2.6	2.7	3.1	2.8	4.0	2.9	4.4	
	1.0	1.1	1.6	1.4	1.7	1.7	1.9	1.9	2.1	2.2	2.4	2.4	2.8	2.6	3.3	2.7	4.1	2.8	4.6	
	1.2	0.7	1.8	1.2	1.9	1.5	2.1	1.8	2.3	2.1	2.6	2.3	3.0	2.5	3.5	2.7	4.3	2.8	4.8	
	1.4	0.4	1.9	0.9	2.1	1.3	2.2	1.6	2.4	1.9	2.8	2.2	3.1	2.4	3.6	2.6	4.5	2.7	5.0	
	1.6	0.1	2.1	0.7	2.3	1.1	2.4	1.4	2.6	1.8	2.9	2.1	3.3	2.3	3.8	2.5	4.7	2.7	5.1	
	1.8								1.2	2.8	1.7	3.1	2.0	3.5	2.2	4.0	2.5	4.8	2.7	5.3
	2.0										1.5	3.3	1.9	3.7	2.1	4.2	2.4	5.0	2.6	5.5
	2.2												1.8	3.9	2.1	4.3	2.4	5.2	2.5	5.7
2.5															4.6	2.3	5.5	2.5	5.9	
3.1/3.2 - 30	0.2	10.2	1.8	10.5	2.1	10.7	2.3	10.9	2.7	13.1	3.2	11.2	3.9	11.3	4.7	11.5	6.1	11.5	6.9	
	0.4	9.1	2.5	9.6	28.0	9.9	3.0	10.2	3.3	10.5	3.9	10.8	4.5	11.0	5.3	11.2	6.8	11.3	7.6	
	0.6	8.1	3.1	8.8	3.4	9.2	3.6	9.7	4.0	10.1	4.5	10.5	5.2	10.7	6.0	11.0	7.4	11.2	8.2	
	0.8	7.3	3.8	8.1	4.1	8.6	4.3	9.3	4.6	9.7	5.2	10.1	5.8	10.5	6.7	10.8	8.1	11.0	8.9	
	1.0	6.4	4.5	7.4	4.7	8.0	5.0	8.7	5.0	9.3	5.8	9.8	6.5	10.2	7.3	10.6	8.8	10.9	9.5	
	1.2			6.8	5.4	7.5	5.6	8.2	5.3	8.9	6.5	9.5	7.1	10.0	8.0	10.5	9.4	10.7	10.2	
	1.4					6.9	6.3	7.8	6.6	8.6	7.1	9.3	7.8	9.9	8.6	10.3	10.1	10.6	10.3	
	1.6							7.3	7.3	8.3	7.8	9.0	8.4	9.6	9.3	10.2	10.7	10.5	11.5	
	1.8									7.9	8.4	9.7	9.1	9.4	9.9	10.0	11.4	10.4	12.2	
	2.0											8.5	9.8	9.2	10.6	9.9	12.0	10.3	12.3	
	2.2												8.2	10.4	9.0	11.2	9.7	12.7	10.1	13.5
2.5															8.7	12.2	9.5	13.7	10.0	14.4
4.1/4.2 - 48	0.2	28.5	3.6	29.1	4.0	29.5	4.4	29.9	4.9	30.3	5.7	30.6	6.7	30.8	8.0	31.1	10.3	31.2	11.5	
	0.4	26.2	5.4	27.2	5.8	27.9	6.1	28.5	6.7	29.2	7.5	29.7	8.5	30.2	9.8	30.6	12.0	30.8	13.2	
	0.6	24.2	7.1	25.6	7.5	26.5	7.9	27.4	8.4	28.3	9.2	29.0	10.3	29.6	11.6	30.2	13.8	30.5	15.0	
	0.8	22.4	8.9	24.1	9.3	25.2	9.7	26.3	10.2	27.4	11.0	28.3	12.0	29.0	13.3	29.8	15.6	30.2	16.8	
	1.0	20.7	10.7	22.7	11.1	24.0	11.4	25.3	12.0	26.6	12.8	27.7	13.8	28.5	15.1	29.4	17.3	29.9	18.5	
	1.2			21.4	12.8	22.8	13.7	24.3	13.7	25.9	14.5	27.1	15.6	28.1	16.9	29.0	19.1	2.6	20.3	
	1.4					21.7	15.0	23.4	15.5	25.1	16.3	26.5	17.3	27.6	18.6	28.7	20.9	29.3	22.1	
	1.6									24.4	18.1	25.0	19.1	27.2	20.4	28.4	22.6	29.1	23.8	
	1.8											25.4	20.9	26.7	22.2	28.1	24.4	28.8	25.6	
	2.0											24.9	22.6	26.3	23.9	27.8	26.2	28.6	27.4	
	2.2											24.4	24.4	25.9	25.7	27.5	27.9	28.4	29.1	
2.5															25.3	28.3	27.0	30.6	31.8	
6.4/6.5 - 62	0.2	86.8	9.3	87.9	10.2	88.6	11.0	89.3	12.2	90.1	14.0	90.7	16.3	91.2	19.2	91.7	24.2	91.9	26.9	
	0.4	82.5	14.4	84.4	15.3	85.6	16.2	86.9	17.3	88.1	19.2	89.1	21.5	89.9	24.4	90.7	29.4	91.2	32.1	
	0.6	78.8	19.6	81.4	20.5	83.0	21.3	84.7	22.5	86.4	24.3	87.6	26.6	88.9	29.5	89.9	34.5	90.6	37.2	
	0.8	75.3	24.8	78.6	25.7	80.6	26.5	82.7	27.7	84.8	29.5	86.5	31.8	87.8	34.7	89.2	39.7	90.0	42.4	
	1.0			75.9	30.8	78.3	31.7	80.8	32.8	83.3	34.7	85.3	37.0	86.9	39.9	88.5	44.9	89.4	47.6	
	1.2			73.4	36.0	76.2	36.8	79.0	38.0	81.9	39.8	84.2	42.1	86.0	45.0	87.8	50.0	88.9	52.7	
	1.4					74.1	42.0	77.3	43.2	80.5	45.0	83.1	47.3	85.1	50.2	87.2	55.2	88.4	57.9	
	1.6							75.6	48.3	79.2	50.2	82.1	52.5	84.3	55.4	86.6	60.4	87.9	63.1	
	1.8									77.9	55.3	81.0	57.0	83.5	60.5	86.0	65.5	87.5	68.2	
	2.0											80.1	62.0	82.7	66.7	85.4	70.7	87.0	73.4	
	2.2												79.1	68.0	82.0	70.9	84.9	75.9	86.6	78.6
2.5														80.9	78.6	84.1	83.6	85.9	86.3	
7.2/7.3 - 75	0.2	16.0	17.3	173.0	18.9	174.0	20.3	175.0	22.4	176.0	25.6	177.0	29.0	170.0	34.7	179.0	43.5	179.0	48.2	
	0.4	164.0	27.3	167.0	28.9	169.0	30.3	171.0	32.4	173.0	35.6	175.0	39.0	176.0	44.8	177.0	53.5	178.0	58.3	
	0.6	158.0	37.4	162.0	39.0	165.0	40.4	168.0	42.5	170.0	45.7	173.0	49.0	174.0	54.8	176.0	63.6	177.0	68.3	
	0.8	152.0	47.4	158.0	49.0	161.0	50.5	164.0	52.5	168.0	55.7	170.0	59.0	173.0	64.8	175.0	73.6	176.0	78.4	
	1.0			153.0	59.1	157.0	60.5	161.0	62.6	166.0	65.8	169.0	69.0	171.0	74.9	174.0	83.7	175.0	88.4	
	1.2					154.0	70.6	158.0	72.6	163.0	75.8	167.0	79.0	170.0	85.0	173.0	93.8	174.0	9.5	
	1.4							156.0	82.7	161.0	85.9	165.0	89.0	168.0	95.0	172.0	104.0	174.0	109.0	
	1.6									159.0	96.0	163.0	100.0	167.0	105.0	171.0	114.0	173.0	119.0	
	1.8											162.0	110.0	166.0	115.0	170.0	124.0	172.0	129.0	
	2.0											160.0	120.0	164.0	125.0	169.0	134.0	171.0	139.0	
	2.2											159.0	130.0	163.0	135.0	168.0	144.0	171.0	149.0	
2.5														161.0	150.0	167.0	159.0	170.0	164.0	

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
7T.2/7T.3 - 85	0.2	275.0	29.5	278.0	32.5	280.0	35.2	281.0	39.0	283.0	45.0	285.0	52.5	286.0	61.9	287.0	78.3	287.0	87.1
	0.4	265.0	45.6	270.0	48.6	272.0	51.3	275.0	55.1	278.0	61.1	281.0	68.6	283.0	78.0	285.0	94.4	286.0	103.0
	0.6	256.0	61.7	262.0	64.7	266.0	67.4	270.0	71.2	274.0	77.2	278.0	84.7	280.0	94.2	283.0	111.0	284.0	119.0
	0.8	248.0	77.9	256.0	80.8	260.0	83.5	265.0	87.4	270.0	93.3	275.0	101.0	278.0	110.0	281.0	127.0	283.0	135.0
	1.0	240.0	94.0	249.0	96.9	255.0	99.6	261.0	103.0	267.0	109.0	272.0	117.0	275.0	126.0	279.0	143.0	282.0	152.0
	1.2	233.0	110.0	243.0	133.0	250.0	116.0	257.0	120.0	264.0	126.0	269.0	133.0	273.0	142.0	278.0	159.0	280.0	168.0
	1.4	226.0	326.0	238.0	129.0	245.0	132.0	253.0	136.0	260.0	142.0	266.0	149.0	271.0	159.0	276.0	175.0	279.0	184.0
	1.6			232.0	145.0	240.0	148.0	249.0	152.0	257.0	158.0	264.0	165.0	269.0	175.0	275.0	191.0	278.0	200.0
	1.8							245.0	168.0	254.0	174.0	262.0	181.0	267.0	191.0	273.0	207.0	277.0	216.0
	2.0									251.0	190.0	259.0	197.0	266.0	207.0	272.0	223.0	276.0	232.0
	2.2											257.0	214.0	264.0	223.0	271.0	239.0	275.0	248.0
2.5													261.0	247.0	269.0	264.0	273.0	272.0	
3.1/3.2 - 20	0.2	6.6	1.5	6.8	1.8	7.0	2.0	7.1	2.2	7.2	2.8	7.4	3.4	7.5	4.2	7.5	5.5	7.6	6.3
	0.4	5.8	2.0	6.2	2.2	6.4	2.4	6.6	2.7	6.9	3.2	7.1	3.9	7.2	4.6	7.4	6.0	7.5	6.7
	0.6	5.1	2.4	5.6	2.6	5.9	2.9	6.2	3.2	6.5	3.7	6.8	4.3	7.0	5.1	7.2	6.4	7.3	7.1
	0.8	4.4	2.8	5.1	3.1	5.4	3.3	5.8	3.6	6.2	4.1	6.6	4.7	6.8	5.5	7.1	6.8	7.2	7.6
	1.0	3.8	3.3	4.5	3.5	5.0	3.7	5.1	4.1	6.6	4.5	6.3	5.2	6.6	5.9	6.9	7.3	7.1	8.0
	1.2	3.2	3.7	4.1	3.9	4.6	4.2	5.5	4.5	6.7	5.0	6.1	5.6	6.5	6.4	6.8	7.7	7.0	8.4
	1.4	2.7	4.1	3.6	4.4	4.2	4.6	4.8	4.9	5.4	5.4	6.9	6.0	6.3	6.8	6.7	8.1	6.9	8.9
	1.6			3.2	4.8	3.8	5.0	4.5	5.3	5.2	5.8	5.7	6.5	6.1	7.2	6.6	8.6	6.8	9.3
	1.8					3.5	5.5	4.2	5.8	4.9	6.3	5.5	6.9	6.0	7.7	6.5	9.0	6.7	9.7
	2.0							3.9	6.2	4.7	6.7	5.3	7.3	5.8	8.1	6.4	9.4	6.7	10.2
	2.2									4.5	7.1	5.2	7.9	5.7	8.5	6.3	9.9	6.6	10.6
2.4									4.2	7.6	5.0	8.2	5.6	9.0	6.1	10.3	6.5	11.0	
2.6											4.8	8.6	5.4	9.4	6.0	10.7	6.4	11.5	
2.8													5.3	9.8	5.9	11.2	6.3	11.9	
3.0													5.1	10.3	5.8	11.6	6.3	12.3	
4.1/4.2 - 36	0.2	20.6	2.9	21.1	3.3	21.4	3.6	21.7	4.1	22.0	4.8	22.3	5.8	22.5	6.9	22.7	9.0	22.8	10.0
	0.4	18.9	4.2	19.6	4.6	20.1	4.9	20.6	5.4	21.2	6.1	21.6	7.1	21.9	8.2	22.3	10.2	22.5	11.3
	0.6	17.2	5.5	18.3	5.9	19.0	6.2	19.7	6.7	20.4	7.4	21.0	8.4	21.5	9.5	21.9	11.5	22.2	12.6
	0.8	15.7	6.8	17.1	7.2	17.9	7.5	18.8	8.0	19.7	8.7	20.5	9.6	21.0	10.8	21.6	12.8	22.0	13.9
	1.0	14.3	8.1	15.9	8.5	17.7	8.8	18.0	9.3	19.1	10.0	20.0	10.9	20.6	12.1	21.3	14.1	21.7	15.2
	1.2	13.0	9.4	14.9	9.8	16.0	10.1	17.3	10.6	18.5	11.3	19.5	12.2	20.3	13.4	21.0	15.4	21.5	16.5
	1.4	11.7	10.7	13.8	11.1	15.1	11.4	16.5	11.9	17.9	12.6	19.0	13.5	19.9	14.7	20.8	16.7	21.3	17.8
	1.6			12.8	12.4	14.3	12.7	15.8	13.2	17.3	13.9	18.6	14.8	19.5	16.0	20.5	18.0	21.1	19.1
	1.8							15.1	14.4	16.8	15.2	18.1	16.1	19.2	17.3	20.3	19.3	20.9	20.4
	2.0									16.3	16.5	17.7	17.4	18.9	18.6	20.0	20.5	20.7	21.7
	2.2									15.7	17.8	17.3	18.7	18.5	19.9	19.8	21.9	20.5	23.0
2.4											16.9	20.0	18.2	21.1	19.5	23.2	20.3	24.2	
2.6											16.5	21.3	17.9	22.4	19.3	24.5	20.1	25.5	
2.8													17.6	23.7	19.1	25.7	19.9	26.8	
3.0													17.3	25.0	18.9	27.0	19.8	28.1	
5.1/5.2 - 54	0.2	47.0	6.5	47.7	7.4	48.2	8.1	48.7	9.2	49.2	10.8	49.6	12.9	50.0	15.5	50.3	20.0	50.5	22.4
	0.4	44.1	9.4	45.4	10.2	46.2	10.9	47.0	12.0	47.9	13.6	48.6	15.7	49.1	18.3	49.7	22.8	50.0	25.2
	0.6	41.6	12.2	43.3	13.0	44.4	13.8	45.6	14.8	46.2	16.5	47.7	18.5	48.4	21.2	49.1	25.7	49.5	28.1
	0.8	39.3	15.1	41.4	15.9	42.8	16.6	44.2	17.7	45.7	19.3	46.8	21.4	47.7	24.0	48.6	28.5	49.2	30.9
	1.0			39.7	18.7	41.3	19.5	42.9	20.5	44.6	22.2	46.0	24.2	47.1	26.8	48.2	31.3	48.8	33.8
	1.2			38.0	21.6	39.8	22.3	41.7	23.4	43.7	25.0	45.2	27.1	46.5	29.7	47.7	34.2	48.4	36.6
	1.4					38.4	25.2	40.6	26.2	42.8	27.9	44.5	29.2	45.9	32.5	47.3	37.0	48.1	39.5
	1.6							39.5	29.1	41.9	30.7	43.8	32.8	45.3	35.4	46.9	39.9	47.8	42.3
	1.8									41.0	33.5	43.1	35.6	44.8	38.2	46.5	42.7	47.4	45.2
	2.0											42.5	38.5	44.3	41.1	46.1	45.6	47.1	48.0
	2.2											41.8	41.3	43.7	43.9	45.7	48.4	46.8	50.8
2.4											41.2	44.1	43.2	46.8	45.3	51.3	46.5	53.7	
2.6													42.9	49.6	45.0	54.1	46.3	56.5	
2.8													42.3	52.4	44.6	56.9	46.0	56.4	
3.0													41.8	55.3	44.3	58.8	45.7	62.2	

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
		(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)
6.4/6.5 - 50	0.2	65.3	7.5	66.1	8.3	66.6	9.0	67.1	10.0	67.6	11.6	68.0	13.6	68.3	16.2	68.6	20.6	68.8	22.9
	0.4	62.5	11.3	63.8	12.1	64.6	12.8	65.4	13.9	66.3	15.5	66.9	17.5	67.5	20.0	68.0	24.4	68.3	26.8
	0.6	60.0	15.2	61.7	16.0	64.8	16.7	64.0	17.7	65.1	19.3	66.0	21.4	66.7	23.9	67.5	28.3	67.9	30.7
	0.8	57.7	19.0	59.5	19.8	61.2	20.6	62.6	21.6	64.0	23.2	65.2	25.2	66.1	27.8	67.0	32.2	67.5	34.5
	1.0	55.6	22.9	58.1	23.7	59.7	24.4	61.4	25.5	63.0	27.1	64.4	29.1	65.4	31.6	66.5	36.0	67.1	38.4
	1.2			56.5	27.6	58.3	28.3	60.2	29.3	62.1	30.9	63.6	32.9	64.8	35.5	66.1	39.9	66.8	42.2
	1.4			54.9	31.4	56.9	32.1	59.0	33.2	61.2	34.8	62.9	36.8	64.3	39.3	65.6	43.7	66.4	46.1
	1.6					55.6	36.0	57.9	37.0	60.3	38.6	62.2	40.7	63.7	43.2	65.2	47.6	66.1	50.0
	1.8							56.9	40.9	59.5	42.5	61.5	44.5	63.2	47.1	64.8	51.2	65.8	53.8
	2.0									58.5	46.4	60.9	48.4	62.7	50.9	64.5	55.3	65.5	57.7
	2.2									57.8	50.2	60.2	52.2	62.1	54.8	64.1	59.2	65.2	51.5
	2.4											59.5	56.1	61.7	58.6	63.7	63.0	64.9	65.4
	2.6											59.0	60.0	61.2	62.5	63.4	66.9	64.6	69.3
2.8													60.7	66.4	63.0	70.8	64.3	73.1	
3.0														60.2	70.2	62.7	74.6	77.0	
7.2/7.3 - 57	0.2	128.0	14.1	130.0	15.5	131.0	16.8	131.0	18.7	132.0	21.6	133.0	25.2	134.0	29.8	134.0	37.7	135.0	42.0
	0.4	123.0	21.6	125.0	23.1	127.0	24.3	128.0	26.2	130.0	29.1	131.0	32.8	132.0	37.3	133.0	45.3	134.0	49.6
	0.6	118.0	29.2	122.0	30.6	124.0	31.9	126.0	33.8	128.0	36.7	130.0	40.3	131.0	44.9	132.0	52.8	133.0	57.1
	0.8	114.0	36.7	118.0	38.2	121.0	39.5	123.0	41.3	126.0	44.2	128.0	47.9	130.0	52.5	131.0	60.4	132.0	64.7
	1.0	110.0	44.3	115.0	45.7	118.0	47.0	121.0	48.9	124.0	51.8	126.0	55.4	128.0	60.0	130.0	67.9	132.0	72.2
	1.2			112.0	53.3	115.0	54.6	119.0	56.4	122.0	59.3	125.0	63.0	127.0	67.6	130.0	75.5	131.0	79.8
	1.4					113.0	62.1	117.0	64.0	121.0	66.9	124.0	70.5	126.0	75.1	129.0	83.1	130.0	87.3
	1.6							114.0	71.6	119.0	74.4	122.0	78.1	125.0	82.7	128.0	98.6	130.0	94.9
	1.8									117.0	82.0	121.0	85.6	124.0	90.2	127.0	98.2	129.0	102.0
	2.0									116.0	89.6	120.0	93.2	123.0	97.5	127.0	106.0	129.0	110.0
	2.2											119.0	101.0	122.0	105.0	126.0	113.0	128.0	118.0
	2.4											118.0	108.0	121.0	113.0	125.0	121.0	127.0	125.0
	2.6											117.0	116.0	121.0	120.0	125.0	128.0	127.0	133.0
2.8													120.0	128.0	124.0	136.0	126.0	140.0	
3.0													119.0	136.0	123.0	144.0	126.0	148.0	
7T.2/7T .3 - 67	0.2	220.0	25.6	222.0	28.4	223.0	31.0	224.0	34.7	226.0	40.4	226.0	47.5	227.0	56.6	228.0	72.2	228.0	90.6
	0.4	214.0	38.5	217.0	41.2	219.0	43.7	221.0	47.4	223.0	53.1	224.0	60.3	225.0	69.3	227.0	85.0	227.0	93.4
	0.6	208.0	51.1	212.0	54.0	215.0	56.5	217.0	60.2	220.0	65.9	222.0	73.1	224.0	82.1	225.0	97.7	226.0	106.0
	0.8	203.0	63.9	208.0	66.8	211.0	69.3	214.0	73.0	218.0	78.7	220.0	85.9	222.0	94.9	224.0	111.0	225.0	119.0
	1.0	198.0	76.7	204.0	79.5	206.0	82.1	211.0	85.8	215.0	91.5	218.0	98.5	221.0	108.0	223.0	123.0	225.0	132.0
	1.2	194.0	89.5	200.0	92.3	204.0	94.9	209.0	98.6	213.0	104.0	217.0	111.0	219.0	120.0	222.0	136.0	224.0	144.0
	1.4	189.0	102.0	197.0	105.0	201.0	108.0	206.0	111.0	211.0	117.0	215.0	124.0	218.0	133.0	221.0	149.0	223.0	157.0
	1.6	185.0	115.0	193.0	118.0	198.0	120.0	204.0	124.0	209.0	130.0	213.0	137.0	217.0	146.0	220.0	162.0	222.0	170.0
	1.8	181.0	128.0	190.0	131.0	196.0	133.0	201.0	137.0	207.0	143.0	212.0	150.0	216.0	159.0	219.0	174.0	222.0	183.0
	2.0			186.0	143.0	192.0	146.0	199.0	150.0	205.0	155.0	210.0	163.0	214.0	172.0	218.0	187.0	221.0	196.0
	2.2					190.0	159.0	196.0	162.0	203.0	168.0	209.0	175.0	213.0	184.0	218.0	200.0	220.0	208.0
	2.4							194.0	175.0	202.0	181.0	207.0	188.0	212.0	197.0	217.0	213.0	220.0	221.0
	2.6											206.0	201.0	211.0	210.0	216.0	226.0	219.0	234.0
2.8												205.0	214.0	210.0	223.0	215.0	238.0	218.0	247.0
3.0														200.0	235.0	214.0	251.0	218.0	259.0
8.4/8.5 - 67	0.2	399.0	44.3	402.0	49.0	406.0	53.2	407.0	59.2	410.0	68.6	412.0	80.3	414.0	95.2	415.0	121.0	416.0	135.0
	0.4	384.0	67.7	391.0	72.4	396.0	75.5	399.0	82.6	403.0	91.9	407.0	104.0	409.0	118.0	412.0	144.0	414.0	158.0
	0.6	371.0	91.0	380.0	95.7	386.0	99.8	391.0	106.0	397.0	115.0	402.0	127.0	406.0	142.0	409.0	167.0	412.0	181.0
	0.8	359.0	114.0	371.0	119.0	377.0	123.0	385.0	129.0	392.0	139.0	398.0	150.0	402.0	165.0	407.0	191.0	410.0	205.0
	1.0	348.0	138.0	361.0	142.0	370.0	147.0	378.0	153.0	387.0	162.0	394.0	174.0	399.0	188.0	405.0	214.0	408.0	228.0
	1.2	338.0	161.0	353.0	166.0	362.0	170.0	372.0	176.0	382.0	185.0	390.0	197.0	395.0	212.0	402.0	217.0	406.0	251.0
	1.4	328.0	184.0	345.0	189.0	355.0	193.0	366.0	199.0	377.0	209.0	386.0	220.0	393.0	235.0	400.0	261.0	404.0	275.0
	1.6	318.0	208.0	337.0	212.0	348.0	217.0	360.0	223.0	373.0	232.0	382.0	244.0	390.0	259.0	398.0	284.0	400.0	298.0
	1.8	309.0	231.0	329.0	236.0	342.0	240.0	355.0	246.0	368.0	255.0	379.0	267.0	387.0	282.0	396.0	307.0	401.0	321.0
	2.0	300.0	254.0	322.0	259.0	336.0	263.0	350.0	269.0	364.0	279.0	376.0	290.0	385.0	305.0	394.0	331.0	399.0	345.0
	2.2	291.0	278.0	314.0	282.0	329.0	297.0	344.0	293.0	360.0	302.0	372.0	314.0	382.0	328.0	392.0	354.0	398.0	368.0
	2.4	282.0	301.0	307.0	306.0	323.0	310.0	339.0	316.0	356.0	325.0	369.0	337.0	380.0	352.0	390.0	377.0	396.0	392.0
	2.6					317.0	333.0	334.0	339.0	352.0	349.0	366.0	360.0	377.0	375.0				
2.8									348.0	372.0	363.0	384.0	375.0	388.0					
3.0											360.0	407.0							

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
		(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)
4.1/4.2 - 27	0.2	15.4	2.5	15.8	2.8	16.1	3.1	16.4	3.6	16.6	4.2	16.9	5.1	17.1	6.2	17.2	8.0	17.3	9.0
	0.4	13.8	3.5	14.5	3.8	14.9	4.1	15.4	4.6	15.9	5.2	16.3	6.1	16.6	7.1	16.9	9.0	17.1	10.0
	0.6	12.3	4.5	13.3	4.8	13.9	5.1	14.6	5.5	15.2	6.2	15.8	7.1	16.2	8.1	16.6	10.0	16.8	11.0
	0.8	11.0	5.5	12.3	5.8	13.0	6.1	13.8	6.5	14.6	7.2	15.3	8.0	15.8	9.1	16.3	11.0	16.6	11.9
	1.0	9.8	6.4	11.2	6.8	12.2	7.1	13.1	7.5	14.1	8.2	14.8	9.0	15.4	10.1	16.0	11.9	16.4	12.9
	1.2	8.6	7.4	10.3	7.8	11.3	8.1	12.4	8.5	13.5	9.2	14.4	10.0	15.1	11.1	15.8	12.0	16.2	13.9
	1.4	7.5	9.4	9.4	8.7	10.5	9.0	11.8	9.5	13.0	10.2	14.0	11.0	14.8	12.1	15.5	12.3	16.0	14.9
	1.6	6.4	9.4	8.5	9.7	9.8	10.0	11.1	10.5	12.5	11.1	13.6	12.0	14.4	13.1	15.3	14.9	15.8	15.9
	1.8	5.4	10.4	7.6	10.7	9.1	11.0	10.5	11.5	12.0	12.1	13.2	13.0	14.1	14.0	15.1	15.9	15.6	16.9
	2.0			6.8	11.7	8.3	12.0	9.9	12.4	11.5	13.1	12.8	14.0	13.8	15.0	14.9	16.9	15.5	17.9
	2.2					7.6	13.0	9.3	13.4	11.1	14.1	12.5	14.9	13.5	16.0	14.7	17.9	15.3	18.9
	2.4							8.8	14.4	10.6	15.1	12.1	15.9	13.3	17.0	14.4	18.8	15.1	19.8
	2.6									10.2	16.1	11.8	16.9	13.0	18.0	14.2	19.8	15.0	20.8
	2.8											11.4	17.9	12.4	19.0	14.0	20.8	14.8	21.8
3.0											11.1	18.9	12.2	20.0	13.8	21.8	14.7	22.8	
3.2													12.2	20.9	13.7	22.8	14.5	23.8	
3.5														11.8	22.4	13.4	24.3	14.3	25.3
5.1/5.2 - 40	0.2	34.7	5.5	35.3	6.2	35.7	6.9	36.1	7.9	36.5	9.4	36.8	11.3	37.0	13.6	37.3	17.8	37.4	20.0
	0.4	32.5	7.6	33.5	8.3	34.1	9.0	34.8	10.0	35.4	11.5	36.0	13.4	36.4	15.7	36.8	19.9	37.1	22.1
	0.6	30.5	9.7	31.9	10.5	32.8	13.1	33.6	12.1	34.5	13.6	35.3	15.5	35.8	17.9	36.4	22.0	36.7	24.2
	0.8	28.8	11.8	30.4	12.6	31.5	13.2	32.6	14.2	33.7	15.7	34.6	17.0	35.3	20.0	36.0	24.1	36.4	26.3
	1.0	27.1	13.9	29.1	14.7	30.3	15.3	31.6	16.3	32.9	17.8	34.0	19.7	34.8	22.1	35.6	25.2	36.1	28.4
	1.2			27.8	16.8	29.2	17.5	30.7	18.4	32.2	19.9	33.4	21.8	34.3	24.2	35.3	28.3	35.9	30.5
	1.4			26.5	18.9	28.1	19.6	29.8	20.5	31.5	22.0	32.8	23.9	33.9	26.3	35.0	30.4	35.6	32.6
	1.6					27.1	21.7	28.9	22.7	30.8	24.3	32.3	26.0	33.5	28.4	34.6	32.5	35.3	34.7
	1.8							28.1	24.8	30.1	26.3	31.7	28.1	33.0	30.5	34.3	34.6	35.1	36.9
	2.0									29.5	28.4	31.2	30.3	32.6	32.6	34.0	36.8	34.9	39.0
	2.2									28.8	30.5	30.7	32.4	32.2	34.7	33.7	38.9	34.6	41.1
	2.4											30.2	34.5	31.8	36.9	33.5	41.0	34.4	43.2
	2.6											29.8	36.6	31.5	39.0	33.2	43.1	34.2	45.3
	2.8											29.3	38.7	31.1	41.1	32.9	45.2	34.0	47.4
3.0													30.7	43.2	32.6	47.3	33.7	49.5	
3.2													30.4	45.3	32.4	49.4	33.5	51.6	
3.5													29.8	48.5	32.0	52.6	33.2	54.8	
6.4/6.5 - 38	0.2	49.3	6.1	49.9	6.9	50.4	7.5	50.8	8.4	51.3	9.8	51.6	11.6	51.9	13.9	52.2	17.8	52.4	19.9
	0.4	46.7	9.1	47.8	9.8	48.6	10.4	49.3	11.4	50.1	12.8	50.7	14.6	51.2	16.8	51.6	20.7	51.9	22.8
	0.6	44.5	12.0	46.0	12.7	47.0	13.4	48.0	14.3	49.0	15.7	49.9	17.5	50.5	19.8	51.2	23.7	51.5	25.8
	0.8	42.4	15.0	44.3	15.7	45.5	16.3	46.8	17.2	48.1	18.7	49.1	20.5	49.9	22.7	50.7	25.6	51.2	28.7
	1.0	40.5	17.9	42.8	18.6	44.2	19.3	45.7	20.2	47.2	21.6	48.4	23.4	49.3	25.7	50.3	29.6	50.9	31.7
	1.2	38.6	20.9	41.3	21.6	42.9	22.2	44.6	23.1	46.3	24.6	47.7	26.4	48.8	28.6	49.9	32.5	50.5	34.6
	1.4	36.9	23.8	39.8	24.5	41.7	25.2	43.6	26.1	45.5	27.5	47.1	29.3	48.3	31.6	49.5	35.5	50.2	37.6
	1.6			38.4	27.5	40.5	28.1	42.6	29.0	44.7	30.4	46.4	32.2	47.8	34.5	49.2	38.4	50.0	40.5
	1.8					39.3	31.0	43.6	32.0	44.0	33.4	45.8	35.2	47.3	37.4	48.8	41.4	49.7	43.5
	2.0							40.7	34.9	43.2	36.3	45.2	38.1	46.8	40.4	48.5	44.3	47.4	46.4
	2.2									42.5	39.3	44.7	41.1	46.4	43.3	48.1	47.2	49.1	49.3
	2.4									41.8	42.2	44.1	44.0	45.9	46.3	47.8	50.2	48.9	52.3
	2.6											43.6	47.0	45.5	49.2	47.5	53.1	48.6	55.2
	2.8											43.0	49.9	45.1	52.2	47.2	56.1	48.4	58.2
3.0													44.7	55.1	46.8	59.0	48.1	61.1	
3.2													44.2	58.1	46.5	62.0	47.9	64.1	
3.5													43.6	62.5	46.1	65.4	47.5	68.5	

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																
		1		10		20		75		150		300		750		1500		
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	
7.2/7.3 - 43	0.2	97.1	11.6	98.1	12.9	98.8	14.1	15.8	100.0	18.4	101.0	21.7	101.0	25.9	102.0	33.1	102.0	37.0
	0.4	93.0	17.3	94.8	18.7	96.0	19.8	21.5	98.4	24.2	99.3	27.5	100.0	31.6	101.0	38.8	101.0	42.7
	0.6	89.4	23.1	91.9	24.4	93.5	25.6	27.3	96.7	29.9	98.0	33.2	99.0	37.3	100.0	44.6	101.0	48.4
	0.8	86.2	28.8	89.3	30.1	91.2	31.3	33.0	95.2	35.6	96.8	38.9	98.1	43.1	99.4	50.3	100.0	54.1
	1.0	83.1	34.5	86.7	35.8	89.0	37.0	38.7	93.8	41.3	95.7	44.6	97.2	48.8	98.7	56.0	99.6	59.9
	1.2	80.2	40.2	84.4	41.5	87.0	42.7	44.4	92.4	47.0	94.5	50.3	96.3	54.5	98.1	61.7	99.1	65.6
	1.4	77.4	45.0	82.1	47.3	85.0	48.4	50.1	91.1	52.8	93.5	56.1	95.5	60.4	97.5	67.4	98.6	71.3
	1.6			79.9	53.0	83.1	54.2	55.9	89.9	58.5	92.6	61.8	94.7	66.0	96.9	73.2	98.2	77.0
	1.8					81.3	59.9	61.6	88.7	64.2	91.6	67.5	94.0	72.1	96.3	78.9	97.7	82.8
	2.0							67.3	87.5	69.9	90.7	73.2	93.2	78.4	95.8	84.6	97.3	88.5
	2.2							73.0	86.3	75.7	89.8	79.0	92.5	83.1	95.3	90.3	96.9	94.2
	2.4								85.2	81.4	88.9	94.7	91.8	88.8	94.7	96.1	96.4	99.9
	2.6										88.0	90.4	91.1	94.6	94.2	102.0	96.0	106.0
	2.8										87.1	96.1	90.4	100.0	93.7	107.0	95.6	111.0
3.0										86.3	102.0	89.7	105.0	93.2	113.0	95.3	117.0	
3.2												89.1	112.0	92.8	119.0	94.9	123.0	
3.5												88.1	120.0	92.0	128.0	94.3	131.0	
7T.2/7T.3 - 50	0.2	166.0	21.8	167.0	24.5	168.0	26.9	30.5	170.0	35.9	170.0	42.7	171.0	51.3	171.0	66.2	172.0	74.3
	0.4	161.0	31.4	163.0	34.1	164.0	36.6	40.3	167.0	45.5	168.0	52.3	169.0	60.9	170.0	75.8	171.0	83.9
	0.6	156.0	41.0	159.0	43.8	161.0	46.2	49.7	165.0	55.1	167.0	61.9	168.0	70.6	169.0	85.5	170.0	93.5
	0.8	152.0	50.6	156.0	53.4	158.0	55.8	59.3	163.0	64.7	165.0	71.6	167.0	80.2	168.0	95.1	169.0	103.0
	1.0	148.0	60.3	153.0	63.0	156.0	65.4	68.9	161.0	74.3	164.0	81.2	166.0	89.8	168.0	105.0	169.0	113.0
	1.2	145.0	69.9	150.0	72.6	153.0	75.0	78.5	160.0	84.0	163.0	90.8	165.0	99.4	167.0	114.0	168.0	122.0
	1.4	141.0	79.5	147.0	82.2	150.0	84.6	88.1	158.0	93.6	161.0	100.0	164.0	109.0	166.0	123.0	168.0	132.0
	1.6	138.0	89.1	144.0	91.8	148.0	94.2	97.8	157.0	103.0	160.0	110.0	163.0	119.0	165.0	134.0	167.0	142.0
	1.8	134.0	98.7	141.0	101.0	146.0	104.0	107.0	155.0	113.0	159.0	120.0	162.0	128.0	165.0	143.0	166.0	151.0
	2.0	131.0	108.0	139.0	111.0	144.0	113.0	117.0	154.0	122.0	158.0	129.0	161.0	138.0	164.0	153.0	166.0	161.0
	2.2	128.0	118.0	135.0	121.0	141.0	123.0	127.0	152.0	132.0	156.0	139.0	160.0	147.0	163.0	162.0	165.0	170.0
	2.4	125.0	128.0	134.0	130.0	139.0	133.0	136.0	151.0	142.0	155.0	148.0	159.0	157.0	163.0	172.0	165.0	190.0
	2.6			131.0	140.0	137.0	142.0	146.0	149.0	151.0	154.0	158.0	158.0	167.0	162.0	182.0	164.0	190.0
	2.8					135.0	152.0	155.0	148.0	161.0	153.0	168.0	157.0	176.0	161.0	191.0	164.0	199.0
3.0							165.0	147.0	170.0	152.0	177.0	156.0	186.0	161.0	201.0	163.0	209.0	
3.2								145.0	180.0	151.0	187.0	156.0	196.0	160.0	210.0	163.0	218.0	
3.5												154.0	210.0	159.0	225.0	162.0	233.0	
8.4/8.5 - 50	0.2	293.0	36.3	296.0	40.6	299.0	44.3	49.8	303.0	58.3	305.0	63.9	306.0	82.3	308.0	106.0	309.0	118.0
	0.4	280.0	53.7	286.0	57.9	289.0	61.7	67.2	297.0	75.6	300.0	85.2	303.0	99.6	305.0	123.0	307.0	135.0
	0.6	269.0	73.0	277.0	75.2	281.0	79.0	84.5	292.0	92.9	296.0	104.0	299.0	117.0	303.0	140.0	305.0	153.0
	0.8	258.0	88.3	268.0	92.6	274.0	96.3	102.0	287.0	110.0	292.0	121.0	296.0	134.0	300.0	158.0	303.0	170.0
	1.0	248.0	106.0	260.0	110.0	267.0	114.0	119.0	282.0	128.0	289.0	138.0	293.0	152.0	298.0	175.0	301.0	187.0
	1.2	239.0	123.0	252.0	127.0	261.0	131.0	136.0	278.0	145.0	285.0	156.0	291.0	169.0	296.0	192.0	300.0	205.0
	1.4	230.0	140.0	245.0	145.0	254.0	148.0	154.0	274.0	162.0	282.0	173.0	288.0	186.0	294.0	210.0	298.0	222.0
	1.6	221.0	158.0	238.0	162.0	248.0	166.0	171.0	270.0	180.0	279.0	190.0	286.0	204.0	293.0	227.0	297.0	239.0
	1.8	213.0	175.0	231.0	179.0	242.0	183.0	188.0	266.0	197.0	276.0	208.0	283.0	221.0	291.0	244.0	295.0	257.0
	2.0	205.0	192.0	225.0	197.0	237.0	200.0	206.0	262.0	214.0	273.0	225.0	281.0	238.0	289.0	262.0	294.0	274.0
	2.2	197.0	210.0	218.0	214.0	231.0	218.0	223.0	259.0	232.0	270.0	242.0	278.0	255.0	287.0	279.0	292.0	291.0
	2.4	189.0	227.0	212.0	231.0	226.0	235.0	240.0	255.0	249.0	267.0	250.0	276.0	273.0	286.0	296.0	291.0	309.0
	2.6	182.0	244.0	205.0	249.0	220.0	252.0	258.0	252.0	266.0	264.0	277.0	274.0	290.0	284.0	314.0	290.0	326.0
	2.8	174.0	262.0	199.0	266.0	215.0	270.0	275.0	248.0	284.0	261.0	294.0	272.0	308.0	282.0	331.0	288.0	343.0
3.0	167.0	279.0	193.0	283.0	210.0	287.0	292.0	245.0	301.0	259.0	312.0	270.0	325.0	281.0	348.0	287.0	361.0	
3.2			188.0	301.0	205.0	304.0	310.0	247.0	318.0	256.0	329.0	267.0	342.0	279.0	366.0	286.0	378.0	
3.4							327.0	238.0	336.0	253.0	346.0	265.0	360.0	278.0	383.0	285.0	395.0	
3.6								235.0	353.0	251.0	364.0	263.0	377.0	276.0	400.0			
3.8										248.0	381.0	261.0	394.0					

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
4.1/4.2 - 22	0.2	11.9	2.2	12.3	2.5	12.5	2.8	12.8	3.2	13.0	3.9	13.2	4.7	13.4	5.7	13.6	7.4	13.6	8.4
	0.4	10.5	3.0	11.1	3.3	11.5	3.6	12.0	4.0	12.4	4.6	12.7	5.4	13.0	6.4	13.2	8.2	13.4	9.9
	0.6	9.3	3.8	10.1	4.1	10.7	4.4	11.2	4.8	11.8	5.4	12.3	6.2	12.6	7.2	13.0	9.0	13.2	10.7
	0.8	8.1	4.5	9.2	4.9	9.9	5.1	10.5	5.6	11.3	6.2	11.8	7.0	12.3	8.0	12.7	9.7	13.0	11.5
	1.0	7.0	5.3	8.3	5.6	9.1	5.9	9.9	6.3	10.8	7.0	11.4	7.8	12.0	8.8	12.5	10.5	12.8	12.2
	1.2	6.0	6.1	7.5	6.4	8.4	6.7	9.3	7.1	10.3	7.7	11.1	8.5	11.7	9.6	12.3	11.3	12.6	13.0
	1.4	5.0	6.9	6.7	7.2	7.7	7.5	8.8	7.9	9.8	8.5	10.7	9.3	11.4	10.3	12.1	12.1	12.5	13.8
	1.6	4.1	7.7	5.9	8.0	7.0	8.3	8.2	8.7	9.4	9.3	10.7	10.1	11.1	11.1	11.9	12.9	12.3	13.6
	1.8	3.2	8.4	6.2	8.7	6.4	9.0	7.7	9.4	9.0	10.1	10.0	10.9	10.8	11.9	11.7	13.6	12.2	14.5
	2.0	2.3	9.2	4.4	9.5	5.8	9.8	7.2	10.2	8.6	10.9	9.7	11.7	10.6	12.7	11.5	14.4	12.0	15.4
	2.2	1.4	10.0	3.7	10.3	5.2	10.6	6.5	11.0	8.2	11.6	9.4	12.4	10.3	13.4	11.3	15.2	11.9	16.1
	2.4			3.0	11.1	4.6	11.4	6.2	11.8	7.8	12.4	9.1	13.2	10.1	14.2	11.1	16.0	11.7	16.9
	2.6					4.0	12.1	5.7	12.6	7.4	13.2	8.8	14.0	9.8	15.0	10.9	16.7	11.6	17.7
	2.8							5.2	13.3	7.0	14.0	8.5	14.8	9.6	15.8	10.8	17.5	11.4	18.5
	3.0									6.6	14.7	8.2	15.5	9.4	16.6	10.6	18.3	11.3	19.2
	3.2											7.9	16.3	9.1	17.3	10.4	19.1	11.2	20.0
	3.4												7.6	17.1	8.9	18.1	10.2	19.9	20.8
3.6														8.7	18.9	10.1	20.6	21.6	
3.8														8.5	19.7	9.9	21.4	22.4	
4.0														8.2	20.4	9.8	22.2	23.1	
5.1/5.2 - 20	0.2	16.7	4.0	17.1	4.6	17.3	5.2	17.6	6.0	17.9	7.3	18.1	8.9	18.2	11.0	18.4	24.5	18.5	16.4
	0.4	15.1	5.0	15.8	5.6	16.3	6.2	16.7	7.1	17.2	8.3	17.5	10.0	17.8	12.0	18.1	15.6	18.3	17.5
	0.6	13.8	6.1	14.7	6.7	15.3	7.3	15.9	8.1	16.5	9.4	17.0	11.0	17.4	13.1	17.8	16.6	18.0	18.5
	0.8	12.6	7.1	13.7	7.7	14.5	8.3	15.2	9.2	16.0	10.4	16.6	12.1	17.1	14.1	17.5	17.7	17.8	19.6
	1.0	11.4	8.1	12.8	8.8	13.7	9.4	14.5	10.2	15.4	11.5	16.2	13.1	16.7	15.2	17.3	18.7	17.6	20.6
	1.2	10.4	9.2	11.9	9.9	12.9	10.4	13.9	11.3	14.9	12.5	15.8	14.2	16.4	16.2	17.1	19.8	17.4	21.7
	1.4	9.3	10.3	11.1	10.9	12.1	11.5	13.3	12.3	14.4	13.6	15.4	15.2	16.1	17.3	16.8	20.8	17.3	22.7
	1.6	8.3	11.3	10.2	11.9	11.4	12.5	12.7	13.4	14.0	14.6	15.0	16.3	15.8	18.3	16.6	21.9	17.1	23.8
	1.8	7.3	12.4	9.4	13.0	10.7	13.6	12.1	14.4	13.5	15.7	14.6	17.3	15.5	19.4	16.4	22.9	16.9	24.8
	2.0	6.4	13.4	8.6	14.0	10.1	14.6	11.6	15.5	13.1	16.7	14.3	18.4	15.2	20.4	16.2	24.0	16.8	25.9
	2.2			7.9	15.1	9.4	15.7	11.0	16.5	12.6	17.8	13.9	19.4	5.0	21.5	16.0	25.0	16.6	26.9
	2.4			7.1	16.1	8.8	16.7	10.5	17.6	12.2	18.8	13.6	20.5	14.7	22.5	15.8	26.1	16.4	28.0
	2.6					8.2	17.8	10.0	18.6	11.8	19.9	13.3	21.5	14.4	23.5	15.6	27.0	16.3	29.0
	2.8							9.5	19.7	11.4	20.9	13.0	22.6	14.2	24.6	15.4	28.2	16.1	30.1
	3.0									11.0	22.0	12.6	23.6	13.9	25.7	15.2	29.2	16.0	31.1
	3.2											12.3	24.7	13.7	26.7	15.1	30.3	15.8	32.2
	3.4												12.0	25.7	13.4	27.8	14.9	31.3	15.7
3.6												11.7	26.8	13.2	28.8	14.7	32.4	15.6	34.3
3.8														13.0	29.9	14.5	33.4	15.4	35.5
4.0														12.7	30.9	14.4	34.5	15.3	36.4
5.1/5.2 - 30	0.2	25.8	4.7	26.3	5.4	26.2	6.0	26.9	6.9	27.3	8.3	27.5	10.1	27.7	12.3	27.9	16.1	28.0	18.2
	0.4	24.0	6.3	24.8	7.0	25.3	7.6	25.9	8.5	26.4	9.9	26.8	11.7	27.2	13.9	27.5	17.7	27.7	19.8
	0.6	22.4	7.9	23.5	8.6	24.2	9.2	24.9	10.1	25.7	11.5	26.3	13.2	26.7	15.5	27.2	19.3	27.5	21.3
	0.8	20.9	9.5	22.3	10.2	23.2	10.8	24.1	11.7	25.0	13.1	25.7	14.8	26.3	17.0	26.9	20.9	27.2	22.9
	1.0	19.6	11.0	21.2	11.7	22.2	12.4	23.3	13.3	24.3	14.7	25.2	16.4	25.9	18.6	26.6	22.4	27.0	24.5
	1.2	18.2	12.6	20.1	13.3	21.3	13.9	22.5	14.9	23.7	16.2	24.7	18.0	25.5	20.2	25.3	24.0	26.7	26.1
	1.4	17.0	14.2	19.1	14.9	20.4	15.5	21.8	16.4	23.2	17.8	24.3	19.6	25.1	21.7	25.0	25.6	26.5	27.7
	1.6			18.1	16.5	19.5	17.1	21.1	18.0	22.6	19.4	23.8	21.2	24.8	23.7	25.8	27.2	26.3	29.3
	1.8					18.7	18.7	20.4	19.6	22.0	21.0	23.4	22.7	24.4	25.0	25.5	28.8	26.1	30.8
	2.0							19.7	21.2	21.5	22.6	23.0	24.3	24.1	26.5	25.3	30.4	25.9	32.4
	2.2							19.0	22.8	21.0	24.2	22.5	25.9	23.8	28.1	25.0	31.9	25.7	34.0
	2.4									20.5	25.7	22.1	27.5	23.5	29.7	24.8	33.5	25.6	35.6
	2.6									20.0	27.3	21.8	29.1	23.1	31.3	24.6	35.1	25.4	37.2
	2.8											21.4	30.7	22.8	32.9	24.3	36.4	25.2	38.8
	3.0											21.0	32.2	22.5	34.5	24.1	38.3	25.0	40.3
	3.2											20.6	33.8	22.2	36.0	23.9	39.9	24.8	41.9
	3.4											20.2	35.4	21.9	37.6	23.7	41.4	24.7	43.5
3.6													21.7	39.2	23.5	43.0	24.5	45.1	
3.8													21.4	40.8	23.3	44.6	24.3	46.7	
4.0													21.1	42.4	23.0	46.2	24.2	48.3	

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
		(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)	(m ³ /h)	(kW)
6.4/6.5 - 25	0.2	31.4	4.8	32.1	5.5	32.5	6.1	32.9	6.9	33.3	8.2	33.7	9.8	34.0	11.9	34.2	15.4	34.4	17.3
	0.4	29.0	6.8	30.1	7.4	30.8	8.0	31.5	8.8	32.2	10.1	32.8	11.8	33.2	13.8	33.7	17.3	34.0	19.3
	0.6	26.2	8.7	28.4	9.3	29.3	10.0	30.2	10.8	31.2	12.1	32.0	13.7	32.6	15.8	33.2	19.3	33.6	21.2
	0.8	23.9	10.7	26.8	11.3	27.9	11.9	29.1	12.7	30.3	14.0	31.3	15.6	32.0	17.7	32.8	21.2	33.0	23.1
	1.0	23.1	12.6	25.2	13.3	26.6	13.8	28.0	14.7	29.5	16.0	30.6	17.6	31.5	19.6	32.4	23.2	32.7	25.1
	1.2	21.3	14.6	23.8	15.2	25.4	15.8	27.0	16.6	28.7	17.9	30.6	19.5	31.0	21.6	32.1	25.1	32.4	27.0
	1.4	19.6	16.5	22.4	17.2	24.2	17.7	26.0	18.5	27.9	19.9	29.3	21.5	30.5	23.5	31.7	27.1	31.1	29.0
	1.6	18.0	18.5	21.1	19.1	23.1	19.7	25.1	20.5	27.1	21.8	28.7	23.4	30.0	25.5	31.3	29.0	31.8	30.9
	1.8	16.5	20.4	19.8	21.0	22.0	21.6	24.2	22.5	24.4	23.7	28.2	25.4	29.6	27.4	31.0	31.0	31.6	32.9
	2.0	14.9	22.3	18.6	23.0	20.9	23.6	23.3	24.4	25.7	25.7	27.6	27.3	29.1	29.4	30.7	32.9	31.3	34.8
	2.2	13.5	24.3	17.4	24.9	19.8	25.5	22.4	26.8	25.0	27.6	27.1	29.3	28.7	31.3	30.4	34.8	31.1	36.8
	2.4			16.2	26.9	18.8	27.5	21.5	28.3	24.3	29.6	26.5	31.2	28.3	33.3	30.0	36.8	30.8	38.7
	2.6					17.8	29.4	20.7	30.2	23.7	31.5	26.0	33.1	27.9	35.2	29.7	38.7	30.6	40.6
	2.8							19.9	32.2	23.0	33.5	25.5	35.1	27.4	37.1	29.4	40.7	30.4	42.6
	3.0									22.4	35.4	25.5	37.0	27.0	39.1	29.1	42.6	30.1	44.5
	3.2									21.8	37.4	24.5	39.0	26.7	41.0	28.9	44.6	29.7	46.5
	3.4											24.0	40.9	26.3	43.0	28.6	46.5	29.4	48.4
3.6												23.5	42.9	25.9	44.9	28.3	48.5	29.2	51.4
3.8														25.5	46.9	28.0	50.4	41.2	52.3
4.0														25.1	48.8	27.7	52.3	40.7	54.3
6.4/6.5 - 30	0.2	38.1	5.3	38.7	6.0	39.2	6.6	39.6	7.5	40.1	8.8	40.4	10.5	40.7	12.6	41.0	16.2	40.3	18.2
	0.4	35.5	7.6	36.6	8.3	37.4	8.9	38.1	9.8	38.9	11.1	39.5	12.9	40.0	14.9	40.4	18.6	40.0	20.0
	0.6	33.3	10.0	34.8	10.6	35.8	11.2	36.8	12.1	37.8	13.4	38.7	15.1	39.3	17.2	40.0	20.0	39.7	22.9
	0.8	31.2	12.3	33.1	13.0	34.3	13.6	35.6	14.4	36.9	15.9	37.9	17.4	38.7	19.5	39.5	23.2	39.3	25.2
	1.0	29.3	14.6	31.5	15.3	33.0	15.9	34.5	16.7	36.0	18.1	37.2	19.8	38.1	21.9	39.1	25.5	39.0	27.5
	1.2	27.4	16.9	30.1	17.6	31.7	18.2	33.4	19.1	35.1	20.4	36.5	22.1	37.6	24.2	38.3	27.9	38.8	29.8
	1.4	25.7	19.3	28.6	19.9	30.5	20.5	32.4	21.4	34.3	22.7	35.9	24.4	37.1	26.5	38.0	30.2	38.5	32.2
	1.6	24.0	21.6	27.2	22.2	29.3	22.8	31.4	23.7	33.5	25.0	35.7	26.7	36.6	28.8	37.6	32.5	38.2	34.5
	1.8	22.3	23.9	25.9	24.6	28.1	25.2	30.4	26.0	32.8	27.4	34.6	29.0	36.1	31.2	37.3	34.8	37.9	36.8
	2.0			24.5	26.9	27.0	27.5	29.5	28.4	32.0	29.7	34.0	31.4	35.6	33.5	36.9	37.1	37.7	39.1
	2.2					25.9	29.8	28.6	30.7	31.3	32.0	33.5	33.7	35.2	35.8	36.6	39.5	37.4	41.4
	2.4							27.7	33.0	30.6	34.3	32.9	36.0	34.7	38.1	36.3	41.8	37.2	43.8
	2.6									29.9	36.7	32.4	38.3	34.3	40.4	36.0	44.1	36.9	45.1
	2.8											31.8	40.7	33.9	42.8	35.6	46.4	36.7	49.4
	3.0											31.3	43.0	33.5	45.1	35.3	48.9	36.4	50.7
	3.2											30.8	45.3	33.0	47.4	35.0	51.1	36.2	53.1
	3.4											30.2	47.0	32.6	49.7	34.7	53.4	36.0	55.4
3.6													32.2	52.1	34.5	55.7	35.7	57.7	
3.8													31.8	54.4	34.2	58.0	65.0	60.0	
4.0													31.4	56.7	65.7	60.4	65.3	62.3	
7.2/7.3 - 28	0.2	61.1	9.0	62.1	10.2	62.8	11.3	63.5	12.8	64.2	15.1	64.2	18.1	66.3	21.8	64.9	28.3	64.7	31.8
	0.4	57.0	12.7	58.8	13.9	60.0	15.0	61.2	16.5	62.4	18.9	62.4	21.8	64.1	25.6	64.1	32.0	64.1	35.5
	0.6	53.4	16.5	55.9	17.5	57.5	18.7	59.1	20.2	60.7	22.6	60.7	25.6	63.0	29.3	63.4	35.8	63.6	39.2
	0.8	50.2	20.2	53.3	21.4	55.2	22.4	57.2	24.0	59.2	26.3	59.2	29.3	62.1	33.0	62.7	39.5	63.1	43.0
	1.0	47.1	23.9	50.7	25.1	53.0	26.1	55.4	27.7	57.8	30.0	57.8	33.0	61.2	36.7	62.1	49.2	62.6	46.7
	1.2	44.2	27.6	48.4	28.8	51.0	29.9	53.7	31.4	56.4	33.8	56.4	36.7	60.3	40.5	61.5	46.9	61.7	50.4
	1.4	41.4	31.4	46.1	32.5	49.0	33.6	52.0	35.1	55.1	37.5	55.1	40.4	59.5	44.2	60.9	50.7	61.7	54.1
	1.6	38.7	35.1	43.9	36.3	47.1	37.3	50.0	38.8	53.9	41.2	53.9	44.2	58.7	47.5	60.3	54.4	61.3	57.9
	1.8	36.1	38.8	41.7	40.0	45.3	41.0	48.9	42.6	52.7	44.9	44.9	47.9	58.0	51.6	59.9	58.1	60.9	61.6
	2.0	33.6	42.5	39.7	43.7	43.5	44.8	47.4	46.3	51.5	48.6	48.6	51.6	57.2	55.3	59.3	61.8	60.4	65.3
	2.2			37.6	47.4	41.7	48.5	46.0	50.0	50.3	52.4	52.4	55.3	56.5	59.1	58.7	65.5	60.0	69.0
	2.4					40.0	52.2	44.6	53.0	49.2	56.1	56.1	59.1	55.8	62.8	58.2	69.3	59.6	72.7
	2.6							43.2	57.5	48.1	59.9	59.9	62.8	55.1	66.5	57.7	73.0	59.3	76.5
	2.8									47.0	63.5	63.5	66.5	54.4	70.2	57.2	76.7	58.9	80.2
	3.0									46.0	67.3	67.3	70.2	53.7	74.0	56.8	80.4	58.5	83.9
	3.2													73.9	53.1	77.7	56.3	84.2	87.6
	3.4														77.7	52.4	81.4	87.9	91.4
3.6														81.4	51.8	85.1	91.6	95.1	
3.8														51.2	88.8	55.3	95.3	98.8	
4.0														50.6	92.6	54.9	99.0	103.0	

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																	
		1		10		20		40		75		150		300		750		1500	
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)
7.2/7.3 - 33	0.2	74.6	10.0	75.6	11.2	76.3	12.3	77.0	13.9	77.7	16.3	78.3	19.4	78.8	23.3	79.2	30.0	79.5	33.6
	0.4	70.5	14.4	72.3	15.7	73.5	16.8	74.7	18.3	75.9	20.8	76.8	23.9	77.6	27.8	78.3	34.5	78.8	38.1
	0.6	66.9	14.4	69.4	20.1	71.0	21.2	72.6	22.8	74.2	25.3	75.5	28.3	76.5	32.2	77.6	38.9	78.2	42.6
	0.8	63.7	19.9	66.8	24.5	68.7	25.7	70.7	27.3	72.7	29.7	74.3	32.8	75.6	35.7	76.9	43.4	77.6	47.0
	1.0	60.6	23.4	64.2	29.1	66.5	30.2	68.9	31.8	71.3	34.2	73.2	37.3	74.7	41.2	76.2	47.9	77.1	51.5
	1.2	57.7	27.9	61.9	33.6	64.5	34.6	67.2	36.2	69.9	38.7	72.1	41.8	73.8	45.6	75.6	52.4	76.6	56.0
	1.4	54.9	32.3	59.6	38.0	62.5	39.1	65.5	40.7	68.6	43.2	71.1	46.2	73.0	50.1	75.0	56.8	76.3	60.4
	1.6	52.2	41.3	57.4	42.5	60.6	43.6	64.0	45.2	67.4	47.3	70.1	50.7	72.2	54.6	74.4	61.3	75.7	64.9
	1.8	49.6	45.8	55.2	47.0	58.9	48.1	62.4	49.1	66.2	52.1	69.1	55.2	71.5	59.1	73.8	65.8	75.2	69.4
	2.0			53.2	51.4	57.0	52.5	60.9	54.1	65.0	56.6	68.2	59.7	70.7	63.5	73.3	70.3	74.8	73.9
	2.2					55.2	57.0	59.5	58.6	63.8	61.0	67.3	64.1	70.0	68.0	72.8	74.7	74.4	78.3
	2.4							58.1	63.1	62.7	65.5	66.4	68.6	69.3	72.5	72.2	79.2	73.9	82.8
	2.6									61.6	70.0	65.5	73.1	68.6	76.9	71.7	83.7	73.5	87.3
	2.8											64.6	77.5	67.9	81.4	71.2	88.1	73.1	91.8
	3.0											63.8	82.0	67.2	85.9	70.7	92.6	72.8	96.2
	3.2											63.0	86.5	66.6	90.4	70.3	97.1	72.4	101.0
	3.4											62.2	91.0	65.9	94.8	69.8	102.0	72.0	105.0
3.6												65.3	99.3	69.3	106.0	71.5	110.0		
3.8												64.7	104.0	68.8	111.0	71.2	114.0		
4.0												64.1	108.0	68.4	115.0	70.9	119.0		
7.2/7.3 - 33	0.2	108.0	18.0	109.0	20.6	110.0	22.9	111.0	26.2	112.0	31.4	112.0	37.9	113.0	46.1	113.0	60.2	114.0	67.8
	0.4	103.0	24.4	105.0	27.0	106.0	29.3	108.0	32.6	109.0	37.8	110.0	44.3	111.0	52.4	112.0	66.6	113.0	74.2
	0.6	98.1	30.8	101.0	33.4	103.0	35.7	105.0	39.0	107.0	44.2	109.0	50.7	110.0	58.8	111.0	73.6	112.0	80.6
	0.8	94.0	37.2	97.8	39.7	100.0	42.0	103.0	45.4	105.0	50.5	107.0	63.4	109.0	65.2	110.0	79.4	111.0	87.0
	1.0	90.1	43.5	94.7	46.1	97.5	48.4	100.0	51.8	103.0	56.9	105.0	69.8	108.0	71.6	110.0	85.8	111.0	93.4
	1.2	86.5	49.9	91.7	52.5	94.9	54.8	98.3	58.2	102.0	63.3	105.0	76.2	107.0	78.0	109.0	92.2	110.0	99.8
	1.4	83.0	55.3	88.8	58.9	92.5	61.2	96.3	64.6	100.0	69.7	103.0	82.6	106.0	84.4	108.0	98.5	110.0	105.0
	1.6	79.6	62.7	86.1	65.3	90.1	67.6	94.3	70.9	98.6	76.1	102.0	89.0	105.0	90.8	107.0	105.0	109.0	113.0
	1.8	76.4	69.1	83.4	71.7	87.8	74.0	92.4	77.3	97.1	82.5	101.0	95.4	104.0	97.2	107.0	111.0	108.0	119.0
	2.0	73.2	75.5	80.8	78.1	85.6	80.4	86.6	83.7	95.6	88.9	99.6	102.0	103.0	104.0	106.0	118.0	108.0	125.0
	2.2	70.1	81.9	78.3	84.5	83.4	86.8	89.7	98.1	94.2	95.3	98.5	108.0	102.0	110.0	106.0	124.0	107.0	132.0
	2.4	67.1	88.3	75.8	90.9	81.3	93.2	87.0	96.5	92.8	102.0	97.3	114.0	101.0	116.0	105.0	131.0	107.0	138.0
	2.6	64.1	94.7	73.4	97.2	79.2	99.5	85.2	103.0	91.4	108.0	96.3	121.0	100.0	123.0	104.0	137.0	106.0	145.0
	2.8	61.2	101.0	71.0	104.0	77.1	100.0	83.5	109.0	90.0	114.0	95.2	127.0	99.3	129.0	103.0	143.0	106.0	151.0
	3.0	60.3	107.0	68.7	110.0	75.1	112.0	81.9	110.0	88.7	121.0	94.1	134.0	98.4	135.0	103.0	150.0	105.0	151.0
	3.2	55.5	114.0	66.4	116.0	73.2	119.0	80.2	122.0	87.4	127.0	93.1	140.0	97.6	142.0	102.0	156.0	105.0	164.0
	3.4	52.9	120.0	64.1	123.0	71.2	125.0	78.6	128.0	86.1	134.0	92.1	146.0	96.8	148.0	102.0	162.0	104.0	170.0
3.6	50.0	127.0	61.9	129.0	69.3	131.0	77.0	135.0	84.9	140.0	91.1	153.0	96.0	155.0	101.0	169.0	104.0	176.0	
3.8			59.7	136.0	67.4	138.0	75.4	141.0	83.6	146.0	90.1	159.0	95.0	163.0	100.0	175.0	103.0	183.0	
4.0					66.5	144.0	73.9	148.0	82.4	153.0	89.1	167.0	94.0	167.0	99.9	182.0	103.0	189.0	
7.2/7.3 - 28	0.2	90.0	16.8	92.0	19.4	92.0	21.9	93.0	25.7	94.0	30.3	95.0	42.1	96.4	44.8	98.0	58.9	96.0	66.1
	0.4	85.0	22.3	87.0	24.8	89.0	27.3	91.0	31.1	92.0	35.7	93.0	52.9	96.0	50.2	96.0	64.2	96.0	71.3
	0.6	80.0	27.7	84.0	30.2	86.0	32.8	88.0	36.6	90.0	41.1	91.0	58.4	94.0	55.6	94.0	69.7	95.0	77.0
	0.8	76.0	33.1	80.0	35.7	83.0	38.2	86.0	42.0	89.0	46.5	90.0	63.8	93.0	61.0	93.0	75.1	94.0	82.4
	1.0	72.0	38.5	77.0	41.1	80.0	43.6	84.0	47.7	85.0	52.0	88.0	69.2	92.0	65.5	92.0	80.5	93.0	87.8
	1.2	69.0	44.0	74.0	46.5	78.0	49.0	81.0	52.8	84.0	57.4	87.0	74.7	90.0	71.9	92.0	85.9	93.0	93.3
	1.4	65.0	49.4	71.0	52.0	75.0	54.5	79.0	58.3	83.0	62.9	86.0	80.1	88.0	77.3	91.0	91.4	92.0	99.7
	1.6	63.0	54.8	70.0	57.4	74.0	59.9	78.0	63.7	82.0	68.3	85.0	85.5	88.0	87.8	90.0	96.8	92.0	104.1
	1.8	60.0	60.3	67.0	62.8	72.0	65.3	77.0	69.1	80.0	73.7	84.0	90.9	87.0	88.2	90.0	102.2	91.0	109.5
	2.0	57.0	65.7	65.0	68.2	70.0	70.8	75.0	74.6	79.0	79.1	83.0	96.4	86.0	93.6	89.0	107.6	91.0	115.0
	2.2	54.0	71.1	62.0	73.7	68.0	76.2	73.0	80.0	78.0	84.5	82.0	101.8	85.0	99.0	88.0	113.1	90.0	120.4
	2.4	52.0	76.5	60.0	79.1	66.0	81.6	72.0	85.4	77.0	90.0	81.0	107.2	84.0	104.5	88.0	118.5	90.0	125.8
	2.6	49.0	82.0	58.0	84.5	64.0	87.0	70.0	90.8	75.0	95.4	80.0	112.6	84.0	109.9	87.0	123.9	89.0	131.3
	2.8	46.0	87.4	56.0	90.0	62.0	92.5	69.0	96.3	74.0	100.8	79.0	118.1	83.0	115.3	87.0	129.4	89.0	136.7
	3.0	44.0	92.8	53.0	95.5	60.0	97.9	67.0	101.7	73.0	106.3	78.0	123.5	82.0	120.7	86.0	134.8	89.0	147.1
	3.2	41.0	98.2	51.0	100.8	58.0	103.3	66.0	107.1	72.0	111.7	77.0	128.9	81.0	126.2	86.0	140.2	88.0	147.5
	3.4	38.0	103.7	49.0	100.2	57.0	108.9	64.0	112.5	70.0	117.1	76.0	134.4	81.0	131.6	85.0	145.6	88.0	153.0
3.6	36.0	109.1	47.0	111.7	55.0	144.7	63.0	118.0	69.0	122.5	75.0	139.8	80.0	137.0	85.0	151.1	87.0	158.4	
3.8	33.0	114.5	45.0	117.1	53.0	199.6	62.0	123.4	68.0	128.0	74.0	139.0	79.0	142.5	84.0	156.5	87.0	163.8	
4.0	31.0	120.0	43.0	122.5	52.0	125.0	60.0	128.8	61.0	133.0	73.0	139.0	78.0	147.9	83.0	161.9	86.0	169.2	

NOTE: The dark area in the performance table is the range of careful selection.

SST SERIES TWIN SCREW PUMP PERFORMANCE DATA

Speed n=1450r/min

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																			
		1		10		20		40		75		150		300		750		1500			
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)		
7T.2/7T.3 - 28	4.2	29.0	125.4	41.0	127.9	50.0	130.5	59.0	134.3	66.0	138.8	73.0	145.2	78.0	153.3	83.0	167.4	85.0	174.7		
	4.4	26.0	130.8	39.0	133.4	48.0	135.9	58.0	139.7	65.0	144.2	72.0	150.6	77.0	158.7	82.0	172.8	85.0	180.1		
	4.6			38.0	138.8	47.0	141.3	56.0	145.1	64.0	149.7	71.0	156.1	76.0	164.2	82.0	178.2	85.0	185.5		
	4.8							55.0	150.5	63.0	155.1	70.0	161.5	76.0	169.8	81.0	183.6	85.0	191.0		
	5.0								62.0	160.5	69.0	166.9	75.0	175.0	81.0	189.1	84.0	196.4			
	5.2												68.0	172.4	74.0	180.5	81.0	194.5	84.0	201.8	
	5.4													68.0	177.9	74.0	185.9	80.0	199.9	84.0	207.2
	5.6															73.0	191.3	80.0	205.3	83.0	212.7
	5.8															72.0	196.7	79.0	210.8	83.0	218.1
	6.0															72.0	202.2	79.0	216.2	83.0	223.5
9.2/9.3 - 67	0.2	554.0	95.9	558.0	110.3	561.0	124.5	563.0	145.8	565.0	171.4	567.0	207.3	569.0	252.7	571.0	331.6	571.0	372.7		
	0.4	540.0	127.9	546.0	142.3	551.0	156.4	555.0	177.7	559.0	203.3	562.0	239.2	565.0	284.7	568.0	363.5	569.0	404.6		
	0.6	528.0	159.8	536.0	174.2	542.0	188.4	548.0	209.7	553.0	235.3	558.0	271.2	561.0	316.6	565.0	395.5	567.0	436.6		
	0.8	516.0	191.8	527.0	206.2	534.0	220.3	542.0	241.5	548.0	267.2	554.0	303.1	558.0	348.6	562.0	427.4	565.0	468.5		
	1.0	505.0	223.7	518.0	238.1	527.0	252.2	536.0	273.5	543.0	299.2	550.0	335.1	555.0	390.5	560.0	459.3	563.0	500.5		
	1.2	495.0	255.7	510.0	270.1	520.0	284.2	530.0	305.5	538.0	331.2	546.0	367.0	552.0	412.5	558.0	491.3	561.0	532.4		
	1.4	485.0	287.6	502.0	302.0	513.0	316.1	525.0	337.4	534.0	363.1	542.0	398.9	549.0	444.4	556.0	523.2	560.0	564.3		
	1.6	480.0	319.6	497.0	333.9	509.0	348.1	522.0	369.4	531.0	395.0	540.0	430.9	547.0	476.4	555.0	555.2	559.0	596.3		
	1.8	472.0	351.5	491.0	365.9	504.0	380.0	517.0	401.3	528.0	426.0	537.0	462.8	545.0	508.3	553.0	587.1	557.0	628.2		
	2.0	463.0	383.4	484.0	397.8	498.0	412.0	512.0	433.3	524.0	458.9	534.0	494.8	543.0	540.2	551.0	619.1	556.0	660.2		
	2.2	456.0	415.4	477.0	429.8	492.0	443.9	508.0	465.2	520.0	490.8	531.0	526.7	540.0	572.2	549.0	651.0	555.0	692.1		
	2.4	448.0	447.3	471.0	461.7	487.0	475.9	504.0	497.2	517.0	522.8	529.0	558.7	538.0	604.1	548.0	683.0	553.0	724.1		
	2.6					482.0	507.8	499.0	529.1	513.0	554.7	526.0	590.6	536.0	636.1	546.0	714.9	552.0	756.0		
	2.8									510.0	586.7	523.0	622.6	534.0	668.0	545.0	746.8	551.0	788.0		
3.0											520.0	654.5	532.0	700.0	543.0	778.8	550.0	819.0			
3.2														530.0	731.9	542.0	810.7	548.0	851.8		
3.4															528.0	753.9	540.0	842.7	547.0	883.8	
3.6															526.0	795.8	539.0	874.6	546.0	915.7	
9.2/9.3 - 90	0.2	712.0	111.1	717.0	126.9	721.0	142.3	724.0	165.6	727.0	193.6	730.0	232.9	732.0	282.6	734.0	368.8	735.0	413.8		
	0.4	693.0	152.2	702.0	168.0	707.0	183.4	714.0	206.7	718.0	234.7	723.0	274.0	726.0	323.7	730.0	409.9	732.0	454.9		
	0.6	676.0	193.3	688.0	209.1	695.0	224.5	704.0	247.8	711.0	275.9	717.0	315.1	722.0	364.8	726.0	451.0	729.0	496.0		
	0.8	661.0	234.4	675.0	250.2	685.0	265.6	696.0	358.9	704.0	317.0	711.0	356.2	717.0	405.9	723.0	492.2	727.0	537.1		
	1.0	647.0	275.6	664.0	291.3	675.0	306.8	687.0	360.0	697.0	358.1	706.0	397.3	713.0	447.0	720.0	533.3	724.0	578.2		
	1.2	633.0	316.7	653.0	332.4	666.0	347.9	680.0	371.2	691.0	399.2	701.0	438.4	709.0	488.2	717.0	574.4	722.0	619.3		
	1.4	620.0	357.8	642.0	373.5	657.0	389.0	672.0	412.3	685.0	440.3	696.0	479.5	705.0	529.3	714.0	615.5	720.0	660.5		
	1.6	612.0	398.9	636.0	414.6	652.0	430.1	668.0	453.4	681.0	481.4	693.0	520.7	703.0	570.4	713.0	666.6	718.0	701.6		
	1.8	601.0	440.0	627.0	455.7	644.0	471.2	662.0	494.5	676.0	522.5	689.0	561.8	700.0	611.5	710.0	697.7	716.0	742.7		
	2.0			618.0	496.9	636.0	512.3	656.0	535.6	671.0	563.6	685.0	602.9	697.0	652.6	708.0	738.9	715.0	783.8		
	2.2						650.0	576.7	666.0	604.7	681.0	644.0	694.0	693.7	706.0	779.9	713.0	824.9			
	2.4									662.0	645.9	678.0	665.1	691.0	734.8	704.0	821.0	711.0	866.0		
	2.6												674.0	726.2	688.0	775.0	701.0	862.2	709.0	907.1	
	2.8														685.0	817.0	699.0	903.3	708.0	948.2	
3.0														682.0	858.2	697.0	944.4	706.0	989.3		
9.2/9.3 - 112	0.2	886.0	125.9	892.0	144.0	896.0	160.8	900.0	186.1	903.0	216.5	906.0	259.2	906.0	313.1	910.0	406.7	912.0	455.6		
	0.4	865.0	177.9	875.0	195.0	881.0	211.8	888.0	237.1	893.0	267.5	898.0	310.1	902.0	364.1	906.0	457.7	906.0	506.5		
	0.6	847.0	228.8	859.0	245.9	868.0	262.7	877.0	288.0	888.0	318.4	891.0	361.0	897.0	415.0	902.0	508.6	905.0	557.5		
	0.8	830.0	279.8	846.0	296.9	857.0	313.7	868.0	338.0	877.0	369.4	885.0	412.0	892.0	466.0	898.0	559.6	902.0	608.4		
	1.0	814.0	330.7	833.0	347.8	845.0	364.6	859.0	389.9	870.0	420.3	879.0	462.9	887.0	516.9	895.0	610.5	899.0	659.3		
	1.2	798.0	381.7	820.0	398.8	835.0	415.5	850.0	440.8	863.0	471.3	874.0	513.9	883.0	567.9	892.0	661.5	897.0	710.3		
	1.4	784.0	432.6	808.0	449.7	825.0	466.5	842.0	491.8	856.0	522.2	868.0	564.8	878.0	618.8	889.0	712.4	894.0	761.2		
	1.6					819.0	517.4	838.0	542.7	852.0	573.1	866.0	615.8	876.0	669.7	887.0	763.4	893.0	812.2		
	1.8									847.0	624.1	861.0	666.7	872.0	720.7	884.0	814.3	891.0	863.1		
	2.0											857.0	717.7	860.0	771.6	882.0	855.2	889.0	914.1		
9.2/9.3 - 135	0.2	1075.0	142.2	1083.0	160.2	1089.0	177.8	1094.0	204.4	1099.0	236.5	1103.0	281.3	1106.0	338.2	1110.0	436.7	1112.0	488.1		
	0.4	1045.0	204.3	1059.0	222.3	1068.0	240.0	1077.0	266.6	1085.0	298.6	1092.0	343.5	1098.0	400.3	1103.0	498.0	1106.0	550.3		
	0.6	1019.0	266.5	1037.0	284.5	1050.0	302.2	1063.0	328.8	1073.0	360.8	1082.0	405.7	1090.0	462.5	1098.0	561.0	1102.0	612.4		
	0.8	995.0	328.7	1017.0	346.7	1033.0	364.3	1049.0	390.9	1062.0	423.0	1074.0	467.8	1083.0	524.7	1092.0	623.2	1098.0	674.6		
	1.0	972.0	390.8	999.0	408.8	1017.0	425.5	1036.0	453.1	1051.0	485.1	1065.0	530.0	1076.0	586.8	1088.0	686.5	1094.0	736.8		
	1.2	950.0	453.0	981.0	471.0	1002.0	488.7	1024.0	515.3	1042.0	547.3	1057.0	592.2	1070.0	649.0	1083.0	747.5	1090.0	798.9		
	1.4									1032.0	609.5	1050.0	684.3	1064.0	711.2	1079.0	809.7	1087.0	861.1		
1.6											1046.0	716.5	1061.0	773.3	1076.0	8719.0	1085.0	923.3			

Pump Size	Delivery Pressure (Mpa)	Viscosity mm ² /s																		
		1		10		20		40		75		150		300		750		1500		
		Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	Capacity (m ³ /h)	Shaft Power (kW)	
10.12K - 75	0.2	941.0	143.7	946.0	164.0	9499.0	183.8	953.0	213.8	955.0	249.8	958.0	300.3	960.0	364.0	962.0	475.0	963.0	532.0	
	0.4	924.0	197.4	932.0	217.7	937.0	237.6	943.0	267.5	947.0	303.5	951.0	354.0	955.0	417.0	958.0	528.0	960.0	586.0	
	0.6	909.0	251.2	919.0	271.4	927.0	291.3	934.0	321.2	940.0	357.3	946.0	407.7	950.0	471.0	955.0	582.0	957.0	640.0	
	0.8	895.0	304.9	908.0	325.1	917.0	345.0	926.0	375.0	934.0	411.0	941.0	461.5	946.0	525.0	952.0	636.0	955.0	694.0	
	1.0	882.0	358.6	897.0	378.8	908.0	398.7	919.0	428.7	928.0	464.7	936.0	515.2	942.0	579.0	949.0	690.0	953.0	747.0	
	1.2	869.0	412.3	887.0	432.6	899.0	452.4	912.0	482.4	922.0	518.4	930.0	568.9	939.0	632.0	946.0	743.0	950.0	801.0	
	1.4	857.0	466.1	877.0	496.3	891.0	506.2	905.0	536.1	916.0	572.1	927.0	622.6	935.0	686.0	943.0	797.0	948.0	855.0	
	1.6	850.0	519.8	872.0	540.0	886.0	559.9	901.0	559.8	913.0	625.9	924.0	676.3	933.0	740.0	942.0	851.0	947.0	908.0	
	1.8	840.0	573.5	863.0	593.7	879.0	613.6	896.0	643.6	909.0	679.6	921.0	730.1	930.0	794.0	940.0	904.0	945.0	962.0	
	2.0	830.0	627.2	855.0	647.5	872.0	667.3	890.0	697.3	904.0	733.3	917.0	783.8	927.0	847.0	938.0	958.0	944.0	1016.0	
	2.2	820.0	680.9	847.0	701.2	866.0	721.1	884.0	751.0	900.0	787.0	913.0	837.5	924.0	901.0	936.0	1012.0	942.0	1070.0	
	2.4	811.0	734.7	839.0	754.9	859.0	774.8	879.0	804.7	896.0	840.8	910.0	891.2	922.0	955.0	934.0	1066.0	941.0	1123.0	
	2.6					853.0	828.5	874.0	858.5	891.0	894.5	907.0	945.0	919.0	1008.0	932.0	1119.0	939.0	1177.0	
	2.8										887.0	948.2	903.0	998.7	916.0	1062.0	930.0	1173.0	937.0	1231.0
	3.0												900.0	1052.4	914.0	1118.0	928.0	1227.0	936.0	1285.0
3.2														911.0	1170.0	926.0	1280.0	934.0	1338.0	
3.4														909.0	1223.0	924.0	1334.0	933.0	1392.0	
3.6														906.0	1277.0	922.0	1388.0	932.0	1446.0	
10.12K - 94	0.2	1181.0	172.7	1188.0	195.3	1193.0	219.5	1197.0	254.4	1201.0	296.4	1205.0	355.0	1207.0	429.0	1210.0	559.0	1212.0	626.0	
	0.4	1156.0	240.3	1167.0	263.9	1175.0	287.1	1183.0	322.1	1190.0	364.3	1195.0	423.0	1200.0	497.0	1205.0	625.0	1207.0	694.0	
	0.6	1134.0	308.0	1149.0	331.6	1160.0	354.8	1171.0	389.7	1179.0	431.8	1187.0	490.0	1194.0	565.0	1200.0	694.0	1204.0	762.0	
	0.8	1114.0	375.7	1133.0	399.3	1146.0	422.5	1159.0	457.4	1170.0	499.4	1180.0	558.0	1188.0	632.0	1196.0	762.0	1200.0	829.0	
	1.0	1095.0	443.3	1117.0	466.9	1133.0	490.1	1149.0	525.1	1161.0	567.1	1173.0	626.0	1182.0	700.0	1192.0	829.0	1197.0	897.0	
	1.2	1077.0	511.0	1103.0	534.6	1120.0	557.8	1139.0	592.7	1153.0	634.8	1166.0	693.0	1177.0	768.0	1188.0	897.0	1194.0	965.0	
	1.4	1059.0	578.7	1088.0	602.3	1108.0	625.5	1129.0	660.4	1145.0	702.4	1160.0	761.0	1172.0	835.0	1184.0	965.0	1191.0	1032.0	
	1.6	1050.0	646.3	1081.0	659.9	1102.0	693.1	1123.0	728.1	1141.0	770.1	1157.0	829.0	1169.0	903.0	1182.0	1032.0	1189.0	1100.0	
	1.8	1035.0	714.0	1069.0	737.6	1091.0	760.8	1115.0	796.7	1134.0	837.8	1151.0	895.0	1165.0	971.0	1179.0	1100.0	1187.0	1168.0	
	2.0			1057.0	805.3	1081.0	828.5	1107.0	863.4	1127.0	905.4	1146.0	964.0	1161.0	1038.0	1176.0	1168.0	1185.0	1235.0	
	2.2							1099.0	931.1	1121.0	973.1	1141.0	1032.0	1157.0	1106.0	1176.0	1235.0	1182.0	1303.0	
	2.4									1115.0	1040.6	1136.0	1099.0	1153.0	1174.0	1173.0	1303.0	1180.0	1371.0	
	2.6												1131.0	1157.0	1149.0	1241.0	1170.0	1371.0	1178.0	1438.0
	2.8														1145.0	1309.0	1167.0	1438.0	1175.0	1506.0
	3.0														1141.0	1377.0	1162.0	1506.0	1173.0	1574.0
10.12K - 112	0.2	1411.0	200.6	1418.0	227.5	1423.0	254.0	1428.0	294.0	1432.0	342.0	1436.0	409.0	1439.0	494.0	1442.0	642.0	1443.0	719.0	
	0.4	1385.0	281.1	1397.0	308.1	1405.0	334.6	1413.0	374.5	1420.0	422.6	1426.0	499.0	1431.0	575.0	1436.0	722.0	1439.0	800.0	
	0.6	1362.0	361.7	1378.0	388.7	1389.0	415.2	1400.0	455.1	1410.0	503.1	1418.0	570.0	1424.0	655.0	1431.0	803.0	1435.0	880.0	
	0.8	1341.0	442.2	1361.0	469.2	1374.0	496.7	1389.0	535.6	1400.0	583.7	1410.0	651.0	1418.0	736.0	1427.0	884.0	1431.0	961.0	
	1.0	1321.0	522.8	1344.0	549.8	1361.0	576.3	1377.0	616.2	1391.0	664.2	1403.0	731.0	1413.0	816.0	1422.0	964.0	1428.0	1041.0	
	1.2	1302.0	603.3	1329.0	630.3	1348.0	656.8	1367.0	696.8	1382.0	744.8	1396.0	812.0	1407.0	897.0	1418.0	1045.0	1425.0	1122.0	
	1.4	1284.0	683.9	1314.0	710.9	1335.0	737.4	1356.0	777.3	1374.0	825.3	1389.0	892.0	1402.0	977.0	1414.0	1125.0	1422.0	1202.0	
	1.6					1328.0	817.9	1351.0	857.9	1369.0	905.9	1386.0	973.0	1399.0	1058.0	1412.0	1206.0	1420.0	1283.0	
	1.8										1362.0	986.5	1380.0	1053.0	1394.0	1139.0	1409.0	1256.0	1417.0	1363.0
	2.0												1374.0	1434.0	1390.0	1219.0	1406.0	1367.0	1415.0	1444.0
10.12K - 135	0.2	1705.0	232.4	1714.0	262.6	1719.0	292.4	1725.0	337.3	1730.0	391.4	1734.0	467.0	1737.0	563.0	1740.0	729.0	1742.0	816.0	
	0.4	1675.0	329.4	1699.0	359.8	1698.0	369.6	1708.0	434.5	1716.0	488.6	1723.0	564.0	1728.0	660.0	1734.0	826.0	1737.0	913.0	
	0.6	1648.0	426.7	1667.0	457.0	1680.0	486.9	1693.0	531.8	1703.0	585.8	1713.0	661.0	1721.0	757.0	1728.0	923.0	1733.0	1010.0	
	0.8	1624.0	523.9	1647.0	554.2	1663.0	584.1	1679.0	529.0	1692.0	683.0	1704.0	758.0	1713.0	854.0	1723.0	1020.0	1729.0	1107.0	
	1.0	1601.0	621.1	1628.0	651.5	1647.0	681.3	1666.0	726.2	1682.0	780.3	1696.0	856.0	1707.0	951.0	1718.0	1118.0	1725.0	1204.0	
	1.2	1579.0	718.3	1610.0	748.7	1632.0	778.5	1654.0	823.4	1672.0	877.5	1688.0	953.0	1700.0	1049.0	1713.0	1215.0	1721.0	1302.0	
	1.4									1662.0	974.7	1680.0	1050.0	1694.0	1146.0	1709.0	1312.0	1717.0	1399.0	
1.6												1676.0	1147.0	1691.0	1243.0	1707.0	1409.0	1716.0	1496.0	
10.12K - 150	0.2	1910.0	259.2	1920.0	292.9	1927.0	326.0	1934.0	375.9	1940.0	436.0	1945.0	520.0	1949.0	626.0	1953.0	811.0	1956.0	907.0	
	0.4	1874.0	368.3	1891.0	402.1	1902.0	435.2	1914.0	485.1	1923.0	545.2	1932.0	629.0	1939.0	735.0	1946.0	920.0	1960.0	1016.0	
	0.6	1843.0	477.5	1866.0	511.2	1881.0	544.4	1896.0	504.3	1909.0	654.3	1921.0	738.0	1930.0	845.0	1939.0	1029.0	1944.0	1126.0	
	0.8	1815.0	586.7	1843.0	620.6	1861.0	653.5	1881.0	703.4	1896.0	763.5	1910.0	847.0	1922.0	954.0	1933.0	1138.0	1940.0	1235.0	
	1.0	1789.0	695.8	1821.0	729.6	1843.0	762.7	1866.0	812.6	1884.0	872.7	1901.0	956.0	1914.0	1063.0	1927.0	1248.0	1935.0	1344.0	
	1.2	1764.0	805.0	1801.0	838.7	1826.0	871.9	1852.0	921.8	1873.0	981.8	1892.0	1065.0	1907.0	1172.0	1922.0	1357.0	1931.0	1453.0	


MODEL SELECTIONS:

MODEL SELECTION TABLE										
STS	*	*	*	*	*	*	*	*	*	*
SIZE	2	Follow and select the model as per required specifications from the given data table of each type of pump								
	3									
	4									
	5									
	6									
	7									
	7T									
	8									
	9									
	10									
MOUNTING	HC	Horizo Horizontal Casting Type								
	HW	Horizo Horizontal Welding type								
	VC	Vertic Vertical Casting Type								
	VW	Vertic Vertical Welding type								
SIZE CODES	Cast	Weld	Follow above section No: 2. (Size Code Specification)							
	2.1									
	3.1	3.2								
	4.1	4.2								
	5.1	5.2								
	6.4	6.5								
	7.2	7.3								
	7T.2	7T.3								
	8.4	8.5								
	9.2	9.3								
PUMP TYPE	Z	Follow above section 3 (Type Code)								
	ZK									
	ZI									
HEATING METHOD	Z	Follow above section:04 (heating method)								
	Z0									
	Z1									
	Z2									
SEAL TYPE	M0	Follow above section:05 (seal code)								
	M1									
	M2									
	M3									
	M4									
	M5									
MATERIAL CODE	W72	Follow above section No:6 (Material code)								
	W73									
	W74									
	W75									
	W76									
	W77									
	W78									
	W79									
	W80									
	W81									
DRIVE	S	Direct Coupled								
	E	Geared Reducer								



Contact Us

Business Hours

 Weekdays: 8.30AM to 5.30PM
Weekends: Closed

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