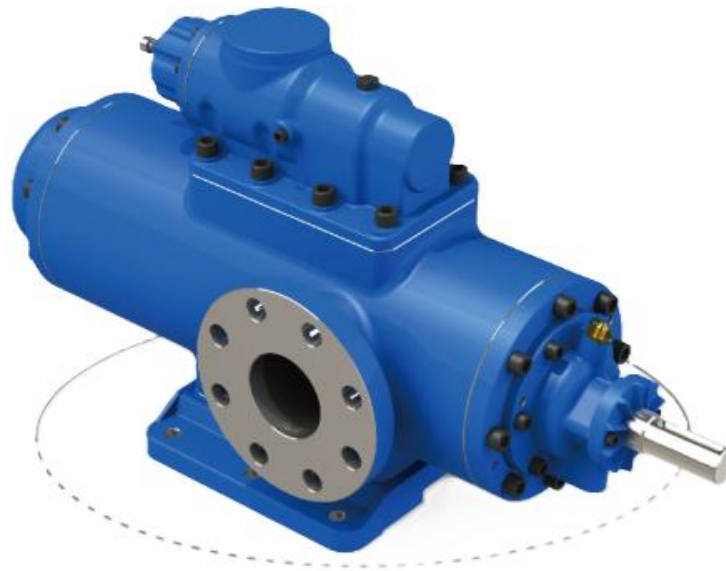


PRODUCT SPECIFICATIONS

MODEL: STM

TRI-SPINDLE SCREW PUMP



FEATURE

- Screw hydraulic balance, low vibration and noise.
- The output is stable without pulsation.
- High efficiency.
- Strong self-priming ability.
- Components adopt a series design with strong versatility and have a variety of installation modes.
- Compact structure, small size, light weight, can work at higher speed and higher pressure.

PUMPED LIQUID

- Lubricity liquid: such as mechanical oil, oil, heavy oil, slag oil.
- Low lubricity liquid: e.g. light diesel, heavy diesel, waxy light oil.
- Viscous liquid: such as a variety of synthetic rubber liquid and artificial glue, emulsion.
- Heating or cooling structures can also be provided according to the needs of the conveyed medium.

APPLICATION

- In heating techniques as fuel oil injection, fuel supply and transfer pumps.
- In the Machining industry as hydraulic and telemotor pumps.
- In the chemical and food industry as cargo transfer or supply pumps.
- In the marine field as transfer, booster, fuel oil pumps as well as for ship hydraulics.

TYPE:

Type	Main Feature	Max Capacity (l/min)	Size	Max Delivery Pressure (Mpa)
STM	Middle Pressure, Single entry, Spindles with hydraulic balance of axial thrust.	2200	40-2200	10.0

DESIGN:

Design Code	Description of Design Code
H	Horizontal foot mountad pump
F	Flange mounted pump
S	Vertical pedestal mounted pump
E	Cartridge unit pump to be pushed in from drive side for H-pump.

PITCH ANGLE:

Size	40	80	120	210	280	440	660	940	1300	1700	2200
Pitch Angle (°)	38	36	42	40	43	40	40	42	38	42	42
	46	42	46	46	46	46	46	46	46	46	46
		46									

SPECIAL DESIGN FEATURE, BEARING & SHAFT SEALS:

Type / Size	Description of Design	Usage
U2	Build-in double row ball bearing, packing seal.	Pumping medium has less lubricity, high viscosity and temperature $\leq 150^{\circ}\text{C}$.
U12.1	Internal ball bearing and mechanical seal.	Pumping medium has better lubricity and the temperature $\leq 80^{\circ}\text{C}$.
K2	External bearing and packing seal.	Pumping medium has less lubricity, high viscosity and temperature $\leq 150^{\circ}\text{C}$.
E6.7	External ball bearing and packing seal.	Pumping medium has less lubricity and temperature $\leq 150^{\circ}\text{C}$.
E15	External ball bearing and packing seal.	Pumping medium has less lubricity and temperature $\leq 200^{\circ}\text{C}$.

MATERIAL CODE:

Material Code	Casing	Insert	Using Range
W3	QT42-10 noduler Cast Iron	ZL 109 Cast AL	Used for small-sized pump or large-sized and lower pressure pump to handle the medium (Such as lubricity oil) with better lubricity.
W23	QT42-10 noduler Cast Iron	ZCuSn5Pb5Zn5 Special bronze	Used for small-sized pump or large-sized and lower pressure pump to handle the medium with less lubricity such as heavy oil and fuel oil.
W27	ZG35 Cast Steel	ZL 109 Cast AL	Used for large-sized pump to handle the medium with better lubricity Such as lubricity oil at higher pressure.
W28	ZG35 Cast Steel	ZCuSn5Pb5Zn5 Special bronze	Used for large-sized pump to handle the medium with less lubricity as heavy oil and fuel oil, at higher pressure.
W29	Welding Pump Body	ZCuSn5Pb5Zn5 Special bronze	Uses in requesting the environment specially.

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			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)
40 - 38	950	1	0.8	0.4	0.9	0.4	1.0	0.5	1.0	0.4	1.0	0.4	1.0	0.5	1.1	0.6	1.1	0.7	1.1	0.8
		2	0.6	0.8	0.7	0.8	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.9	1.0	1.0	1.1	1.1
		3					0.8	1.1	0.8	1.1	0.9	1.1	0.9	1.2	1.0	1.3	1.0	1.4	1.0	1.5
		4							0.7	1.5	0.8	1.5	0.9	1.5	0.9	1.6	1.0	1.7	1.0	1.8
		5							0.6	1.8	0.7	1.8	0.8	1.8	0.9	1.9	1.0	2.1	1.0	2.2
		6									0.7	2.2	0.8	2.2	0.9	2.3	0.9	2.4	1.0	2.5
		7									0.6	2.5	0.7	2.5	0.8	2.6	0.9	2.7	1.0	2.9
		8									0.5	2.8	0.7	2.9	0.8	3.0	0.9	3.1	1.0	3.2
		9											0.7	3.2	0.8	3.3	0.9	3.4	0.9	3.5
		10											0.6	3.6	0.7	3.7	0.8	3.8	0.9	3.9
40 - 46	950	1	1.1	0.6	1.2	0.6	1.3	0.6	1.3	0.6	1.4	0.6	1.4	0.6	1.4	0.7	1.4	0.8	1.5	0.9
		2	0.8	1.0	1.0	1.0	1.1	1.0	1.2	1.0	1.3	1.0	1.3	1.0	1.4	1.1	1.4	1.3	1.4	1.4
		3	0.5	1.5	0.8	1.5	1.0	1.5	1.1	1.5	1.2	1.5	1.3	1.5	1.3	1.6	1.4	1.7	1.4	1.8
		4					0.9	1.9	1.0	1.9	1.1	1.9	1.2	2.0	1.3	2.1	1.3	2.2	1.4	2.3
		5							0.9	2.4	1.0	2.4	1.1	2.4	1.2	2.5	1.3	2.6	1.4	2.7
		6									0.9	2.8	1.1	2.9	1.2	3.0	1.3	3.1	1.3	3.2
		7									0.9	3.3	1.0	3.3	1.1	3.4	1.3	3.5	1.3	3.7
		8											1.0	3.8	1.1	3.9	1.2	4.0	1.3	4.1
		9													1.1	4.3	1.2	4.5	1.3	4.6
		10													1.0	4.8	1.2	4.9	1.3	5.0
80 - 36	950	1	1.5	0.8	1.7	0.8	1.8	0.8	1.8	0.8	1.9	0.8	1.9	0.8	1.9	0.9	2.0	1.0	2.0	1.2
		2	1.1	1.4	1.4	1.4	1.6	1.4	1.7	1.4	1.8	1.4	1.8	1.5	1.9	1.5	1.9	1.7	2.0	1.8
		3	0.8	2.0	1.1	2.0	1.5	2.1	1.5	2.0	1.6	2.0	1.7	2.1	1.8	2.2	1.9	2.3	1.9	2.4
		4					1.3	2.7	1.4	2.7	1.5	2.7	1.7	2.7	1.8	2.8	1.8	2.9	1.9	3.1
		5					1.1	3.3	1.2	3.3	1.4	3.3	1.6	3.3	1.7	3.4	1.8	3.6	1.9	3.7
		6							1.1	3.9	1.3	3.9	1.5	4.0	1.6	4.1	1.8	4.2	1.8	4.3
		7							0.9	4.5	1.2	4.5	1.4	4.6	1.6	4.7	1.7	4.8	1.8	4.9
		8							0.8	5.2	1.1	5.2	1.4	5.2	1.5	5.3	1.7	5.4	1.8	5.6
		9									1.0	5.8	1.3	5.9	1.5	5.9	1.6	6.1	1.8	6.2
		10									0.9	6.4	1.2	6.5	1.4	6.6	1.6	6.7	1.7	6.8
80 - 42	950	1	1.9	0.9	2.0	0.9	2.2	0.9	2.2	0.8	2.3	0.9	2.3	1.0	2.4	1.1	2.4	1.2	2.4	1.3
		2	1.4	1.7	1.7	1.7	2.0	1.7	2.0	1.7	2.1	1.7	2.2	1.7	2.3	1.8	2.4	1.9	2.4	2.1
		3	0.9	2.4	1.3	2.4	1.8	2.5	1.8	2.4	2.0	2.4	2.1	2.5	2.2	2.6	2.3	2.7	2.3	2.8
		4					1.6	3.2	1.6	3.2	1.8	3.2	2.0	3.3	2.1	3.3	2.2	3.5	2.3	3.6
		5					1.4	4.0	1.5	4.0	1.7	4.0	1.9	4.0	2.1	4.1	2.2	4.2	2.3	4.4
		6							1.3	4.7	1.6	4.7	1.9	4.8	2.0	4.9	2.2	5.0	2.2	5.1
		7									1.5	5.5	1.8	5.6	1.9	5.6	2.1	5.8	2.2	5.9
		8									1.3	6.3	1.7	6.3	1.9	6.4	2.1	6.5	2.2	6.7
		9											1.6	7.1	1.8	7.2	2.0	7.3	2.1	7.4
		10											1.5	7.8	1.8	7.9	2.0	8.1	2.1	8.2
80 - 46	950	1	2.3	1.0	2.5	1.0	2.6	1.1	2.6	1.0	2.7	1.0	2.8	1.1	2.8	1.2	2.8	1.3	2.8	1.4
		2	1.8	1.9	2.1	1.9	2.4	2.0	2.4	1.9	2.6	1.9	2.7	2.0	2.7	2.1	2.8	2.2	2.8	2.3
		3	1.3	2.8	1.8	2.8	2.2	2.9	2.2	2.8	2.4	2.8	2.6	2.9	2.6	3.0	2.7	3.1	2.8	3.2
		4					2.0	3.8	2.1	3.7	2.3	3.7	2.5	3.8	2.6	3.9	2.7	4.0	2.7	4.1
		5							1.9	4.6	2.1	4.6	2.4	4.7	2.5	4.8	2.6	4.9	2.7	5.0
		6									2.0	5.5	2.3	5.6	2.4	5.7	2.6	5.8	2.7	5.9
		7									1.9	6.4	2.2	6.5	2.4	6.6	2.5	6.7	2.6	6.8
		8											2.1	7.4	2.3	7.5	2.5	7.6	2.6	7.7
		9													2.2	8.3	2.4	8.5	2.6	8.6
		10													2.2	9.2	2.4	9.4	2.5	9.5

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			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
			(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)
120 - 42	950	1	2.8	1.32	3.0	1.32	3.2	1.37	3.2	1.32	3.3	1.32	3.4	1.44	3.4	1.60	3.5	1.82	3.5	2.04
		2	2.1	2.41	2.5	2.41	2.9	2.46	3.0	2.41	3.1	2.41	3.3	2.53	3.3	2.69	3.4	2.91	3.4	3.13
		3	1.5	3.50	2.1	3.50	2.6	3.55	2.7	3.50	2.9	3.50	3.1	3.62	3.2	3.78	3.3	4.00	3.4	4.22
		4					2.4	4.64	2.5	4.59	2.8	4.59	3.0	4.72	3.1	4.87	3.3	5.09	3.3	5.32
		5					2.1	5.73	2.2	5.68	2.6	5.68	2.9	5.81	3.0	5.97	3.2	6.19	3.3	6.41
		6							2.0	6.77	2.4	6.77	2.8	6.90	3.0	7.06	3.2	7.28	3.3	7.50
		7									2.3	7.87	2.6	7.99	2.9	8.15	3.1	8.37	3.2	8.59
		8									2.1	8.96	2.5	9.08	2.8	9.24	3.0	9.46	3.2	9.68
		9											2.4	10.18	2.7	10.33	3.0	10.55	3.1	10.78
		10											2.3	11.27	2.6	11.43	2.9	11.64	3.1	11.87
120 - 46	950	1	3.4	1.51	3.6	1.51	3.9	1.56	3.9	1.51	4.0	1.51	4.0	1.64	4.1	1.80	4.1	2.01	4.2	2.24
		2	2.8	2.80	3.2	2.80	3.6	2.85	3.6	2.80	3.8	2.80	3.9	2.92	4.0	3.08	4.1	3.30	4.1	3.53
		3	2.2	4.09	2.7	4.09	3.3	4.14	3.4	4.09	3.6	4.09	3.8	4.21	3.9	4.37	4.0	4.59	4.0	4.81
		4					3.0	5.43	3.1	5.38	3.4	5.38	3.6	5.50	3.8	5.66	3.9	5.88	4.0	6.10
		5							2.9	6.67	3.2	6.67	3.5	6.79	3.7	6.95	3.9	7.17	3.9	7.39
		6									3.1	7.95	3.4	8.08	3.6	8.24	3.8	8.46	3.9	8.68
		7									2.9	9.24	3.3	9.37	3.5	9.53	3.7	9.74	3.9	9.97
		8											3.2	10.66	3.4	10.81	3.7	11.03	3.8	11.26
		9												3.3	12.10	3.6	12.32	3.8	12.55	
		10													3.3	13.39	3.6	13.61	3.7	13.83
210 - 40	950	1	5.0	2.20	5.3	2.20	5.5	2.20	5.6	2.20	5.7	2.20	5.8	2.39	5.9	2.61	5.9	2.96	6.0	3.28
		2	4.2	4.02	4.7	4.02	5.0	4.02	5.3	4.02	5.5	4.02	5.6	4.21	5.7	4.44	5.8	4.78	5.9	5.10
		3	3.4	5.85	4.1	5.85	4.6	5.85	4.9	5.85	5.2	5.85	5.4	6.04	5.6	6.26	5.7	6.61	5.8	6.93
		4					4.2	7.67	4.6	7.67	5.0	7.67	5.3	7.86	5.5	8.08	5.6	8.43	5.8	8.75
		5					3.8	9.50	4.3	9.50	4.8	9.50	5.1	9.68	5.3	9.91	5.6	10.26	5.7	10.57
		6							4.0	11.32	4.5	11.32	5.0	11.51	5.2	11.73	5.5	12.08	5.6	12.40
		7							3.8	13.14	4.3	13.14	4.8	13.33	5.1	13.55	5.4	13.90	5.6	14.22
		8									4.1	14.97	4.7	15.16	5.0	15.38	5.3	15.76	5.5	16.04
		9											4.5	16.98	4.9	17.20	5.3	17.55	5.5	17.87
		10											4.4	18.80	4.8	19.03	5.2	19.37	5.4	19.69
210 - 46	950	1	6.3	2.67	6.7	2.67	6.9	2.67	7.1	2.67	7.2	2.67	7.3	2.86	7.4	3.08	7.5	3.43	7.5	3.75
		2	5.3	4.96	6.0	4.96	6.3	4.96	6.6	4.96	6.9	4.96	7.1	5.15	7.2	5.38	7.3	5.72	7.4	6.04
		3	4.4	7.26	5.3	7.26	5.8	7.26	6.2	7.26	6.6	7.26	6.9	7.45	7.1	7.67	7.2	8.02	7.3	8.33
		4					5.3	9.55	5.9	9.55	6.3	9.55	6.7	9.74	6.9	9.96	7.1	10.31	7.2	10.63
		5							5.5	11.85	6.0	11.84	6.5	12.03	6.8	12.26	7.0	12.60	7.2	12.92
		6									5.8	14.14	6.3	14.33	6.6	14.55	6.9	14.90	7.1	15.21
		7									5.5	16.63	6.1	16.62	6.5	16.84	6.8	17.19	7.0	17.51
		8											5.9	18.19	6.4	19.13	6.6	19.48	6.9	19.80
		9													6.2	21.43	6.7	21.78	6.9	22.09
		10													6.1	23.72	6.6	24.07	6.8	24.39
280 - 43	950	1	7.5	3.33	7.9	3.33	8.2	3.33	8.4	3.33	8.5	3.33	8.7	3.58	8.8	3.93	8.9	4.47	8.9	4.97
		2	6.3	6.03	7.0	6.03	7.5	6.03	7.9	6.03	8.2	6.03	8.4	6.28	8.6	6.63	8.7	7.16	8.8	7.67
		3	5.1	8.72	6.2	8.72	6.8	8.72	7.4	8.72	7.8	8.72	8.2	8.98	8.4	9.32	8.6	9.86	8.7	10.37
		4					6.2	11.42	6.9	11.42	7.5	11.42	7.9	11.67	8.2	12.02	8.4	12.56	8.6	13.06
		5					5.7	14.12	6.5	14.12	7.1	14.12	7.7	14.37	8.0	14.72	8.3	15.25	8.5	15.76
		6							6.1	16.81	6.8	16.81	7.5	17.07	7.9	17.41	8.2	17.95	8.4	18.46
		7									6.5	19.51	7.3	19.76	7.7	20.11	8.1	20.65	8.3	21.15
		8											7.0	22.46	7.5	22.81	8.0	23.35	8.2	23.85
		9											6.8	25.16	7.4	25.51	7.9	26.04	8.2	26.55
		10													7.2	28.20	7.8	28.74	8.1	29.25

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			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
			(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)
280 - 46	950	1	8.7	3.69	9.1	3.69	9.4	3.69	9.6	3.69	9.8	3.69	9.9	3.94	10.0	4.29	10.1	4.83	10.1	5.33
		2	7.5	6.75	8.2	6.75	8.7	6.75	9.1	6.75	9.4	6.75	9.6	7.00	9.6	7.35	9.9	7.88	10.0	8.39
		3	6.3	9.80	7.4	9.80	8.1	9.80	8.6	9.80	9.0	9.80	9.4	10.60	9.6	10.40	9.8	10.94	9.9	11.45
		4					7.4	12.86	8.1	12.86	8.7	12.86	9.1	13.11	9.4	13.46	9.7	14.00	9.8	14.50
		5							7.7	15.92	8.3	15.92	8.9	16.17	9.2	16.52	9.5	17.06	9.7	17.56
		6									8.0	18.98	8.7	19.23	9.1	19.58	9.4	20.11	9.6	20.62
		7									7.7	22.03	8.5	22.29	8.9	22.63	9.3	23.17	9.5	23.68
		8											8.2	25.34	8.7	25.69	9.2	26.23	9.5	26.73
		9													8.6	28.75	9.1	29.29	9.4	29.79
		10													8.4	31.81	9.0	32.34	9.3	32.85
440 - 40	950	1	11.0	4.76	11.5	4.76	11.8	4.76	12.0	4.76	12.2	4.76	12.4	5.10	12.5	5.52	12.6	6.31	12.6	7.26
		2	9.6	8.54	10.5	8.54	11.0	8.54	11.4	8.54	11.8	8.54	12.1	8.88	12.2	9.29	12.4	10.08	12.5	11.03
		3	8.3	12.31	9.5	12.31	10.2	12.31	10.9	12.31	11.4	12.31	11.8	12.66	12.0	13.07	12.3	13.86	12.4	14.81
		4					9.5	16.09	10.3	16.09	11.0	16.02	11.5	16.44	11.0	16.85	12.1	17.64	12.3	18.59
		5					8.9	19.87	9.8	19.87	10.6	19.87	11.2	20.22	11.6	20.63	12.0	21.42	12.2	22.37
		6							9.3	23.65	10.2	23.65	11.0	24.00	11.4	24.41	11.8	25.20	12.1	26.15
		7							8.9	27.43	9.9	27.43	10.7	27.77	11.2	28.19	11.7	28.98	12.0	29.92
		8									9.5	31.20	10.5	31.55	11.0	31.96	11.6	32.75	11.9	33.70
		9											10.2	35.33	10.9	35.74	11.4	36.53	11.8	37.48
		10											10.0	39.11	10.7	39.52	11.3	40.31	11.7	41.26
440 - 46	950	1	14.2	5.81	14.8	5.81	15.1	5.81	15.4	5.81	15.7	5.81	15.8	6.15	16.0	6.56	16.1	7.35	16.1	8.30
		2	12.4	10.63	13.5	10.63	14.1	10.63	14.7	10.63	15.1	10.63	15.5	10.98	15.7	11.39	15.9	12.18	16.0	13.13
		3	10.8	15.46	12.4	15.46	13.2	15.46	14.0	15.46	14.6	15.46	15.1	15.81	15.4	16.22	15.7	17.01	15.8	17.96
		4					12.4	20.28	13.4	20.28	14.1	20.28	14.8	20.63	15.1	21.04	15.5	21.83	15.7	22.78
		5							12.7	25.11	13.7	25.11	14.4	25.46	14.9	25.87	15.3	26.66	15.6	27.61
		6									13.2	29.94	14.1	30.29	14.7	30.70	15.2	31.49	15.5	32.64
		7									12.8	34.76	13.8	35.11	14.4	35.52	15.0	36.31	15.3	37.64
		8											13.5	39.94	14.2	40.35	14.8	41.14	15.2	42.09
		9													14.0	45.18	14.7	45.97	15.1	46.91
		10													13.7	50.00	14.5	50.79	15.0	51.74
660 - 40	950	1	17.7	7.27	18.4	7.27	18.7	7.27	19.1	7.27	19.3	7.27	19.6	7.64	19.7	8.24	19.8	9.35	19.9	10.60
		2	15.8	13.14	17.0	13.14	17.7	13.14	18.3	13.14	18.7	13.14	19.1	13.52	19.4	14.12	19.6	15.23	19.7	16.47
		3	14.0	19.01	15.7	19.01	16.70	19.01	17.5	19.01	18.2	19.01	18.7	19.39	19.1	19.99	19.4	21.10	19.6	22.35
		4					15.7	24.89	16.8	24.89	17.6	24.89	18.4	25.27	18.8	25.87	19.2	26.98	19.4	28.22
		5					14.8	30.76	16.1	30.76	17.1	30.76	18.0	31.14	18.5	31.74	19.0	32.85	19.3	34.10
		6							15.4	36.64	16.6	36.64	17.6	37.02	18.2	37.62	18.8	38.73	19.1	39.97
		7									16.1	42.51	17.3	42.89	18.0	43.49	18.6	44.60	19.0	45.84
		8											17.0	48.77	17.7	49.37	18.5	50.47	18.9	51.72
		9											16.6	54.64	17.5	55.24	18.3	56.35	18.7	57.59
		10													17.2	61.12	18.1	62.22	18.6	63.47
660 - 46	950	1	21.7	8.60	22.5	8.60	23.0	8.60	23.4	8.60	23.7	8.60	24.0	8.98	24.2	9.58	24.3	10.68	24.4	11.93
		2	19.4	15.80	20.8	15.80	21.7	15.80	22.4	15.80	23.0	15.80	23.5	16.18	23.8	16.78	24.0	17.89	24.2	19.14
		3					20.5	23.01	21.5	23.01	22.3	23.01	23.0	23.93	23.4	23.99	23.8	25.10	24.0	26.34
		4					19.3	30.32	20.6	30.22	21.6	30.22	22.5	30.60	23.0	31.20	23.5	32.30	23.8	33.55
		5							19.8	37.43	21.0	37.43	22.1	37.80	22.7	38.40	23.3	39.51	23.6	40.76
		6									20.4	44.63	21.6	45.01	22.4	45.61	23.1	46.72	23.5	47.96
		7											21.2	52.22	22.1	52.82	22.9	53.93	23.3	55.17
		8													21.7	60.02	22.6	61.13	23.1	62.38
		9													21.4	67.23	22.4	68.34	23.0	69.58
		10															22.2	75.55	22.8	76.79

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)
940 - 42	950	1	25.7	10.45	26.8	10.50	27.4	10.45	27.9	10.45	28.3	10.45	28.7	10.92	28.9	11.64	29.1	13.27	29.2	16.20
		2	22.7	19.00	24.6	19.00	25.7	19.00	26.6	19.00	27.4	19.00	28.0	19.47	28.4	20.19	28.7	21.82	28.9	23.75
		3	19.8	27.55	22.5	27.55	24.1	27.55	25.4	27.55	26.5	27.55	27.4	28.02	27.9	28.74	28.4	30.37	28.7	32.30
		4					22.6	36.10	24.3	36.10	25.6	36.10	26.8	36.57	27.5	37.29	28.1	38.92	28.4	40.85
		5					21.1	44.65	23.2	44.65	24.8	44.65	26.2	45.12	27.0	45.84	27.8	47.47	28.2	49.40
		6									24.0	53.20	25.6	53.67	26.6	54.39	27.5	56.02	28.0	57.95
		7									23.3	61.75	25.1	62.22	26.2	62.94	27.2	64.57	27.8	66.50
		8											24.6	70.77	25.8	71.49	27.0	73.12	27.6	75.05
		9											24.0	79.32	25.4	80.04	26.7	81.67	27.3	83.60
		10													25.0	88.59	26.4	90.22	27.1	92.15
940 - 46	950	1	31.7	12.20	32.7	12.20	33.3	12.20	33.9	12.20	34.3	12.20	34.6	12.60	34.8	13.40	35.0	15.00	35.1	16.92
		2	28.6	22.40	30.5	22.40	31.6	22.40	32.6	22.40	33.3	22.40	33.9	22.90	34.3	23.60	34.7	25.30	34.9	27.18
		3	25.8	32.70	28.4	32.70	30.0	32.70	31.4	32.70	32.4	32.70	33.3	33.20	33.8	33.90	34.3	35.50	34.6	37.45
		4					28.5	43.00	30.2	43.00	31.6	43.00	32.7	43.40	33.4	44.20	33.7	45.80	34.4	47.71
		5					27.0	53.20	29.1	53.20	30.7	53.20	32.1	53.70	32.9	54.40	33.4	56.00	34.1	57.98
		6									30.0	63.50	31.6	64.00	32.5	64.70	33.2	66.30	33.9	68.24
		7									29.2	73.80	31.0	74.20	32.1	75.00	32.9	76.60	33.7	78.50
		8											30.5	84.50	31.7	85.20	32.6	86.80	33.5	88.77
		9											30.0	94.80	31.3	95.50	32.3	97.10	33.3	99.03
		10													30.9	106.00	41.8	107.00	33.1	109.30
1300 - 42	950	1	37.5	14.55	38.8	14.55	39.6	14.55	40.3	14.55	40.8	14.55	41.2	15.16	41.5	16.23	41.3	18.43	41.9	21.61
		2	33.6	26.68	36.0	26.68	37.4	26.68	38.6	26.68	39.6	26.68	40.4	27.28	40.8	28.35	40.9	30.55	41.5	33.73
		3	30.0	38.80	33.4	38.80	35.4	38.80	37.1	38.80	38.4	38.80	39.6	39.40	40.2	40.47	40.5	42.67	41.2	45.85
		4					33.4	50.92	35.7	50.92	37.4	50.92	38.8	51.52	39.7	52.59	40.1	54.79	40.9	57.97
		5					31.6	63.04	34.3	63.04	36.3	63.04	38.1	63.64	39.1	64.71	39.7	66.91	40.6	70.09
		6									35.3	75.16	37.4	75.76	38.6	76.83	39.4	79.03	40.4	82.21
		7									34.3	87.28	36.7	87.88	38.0	88.95	39.0	91.15	40.1	94.33
		8											36.0	100.00	37.5	101.07	38.7	103.28	39.8	106.45
		9											35.3	112.12	37.0	113.19	38.3	115.40	39.5	118.57
		10													36.5	125.31	38.7	127.52	39.3	130.69
1300 - 46	950	1	44.3	16.52	45.7	16.52	46.5	16.52	47.1	16.52	47.7	16.52	48.1	17.12	48.4	18.19	48.3	20.40	48.8	23.57
		2	40.4	30.61	42.9	30.61	44.3	30.61	45.5	30.61	46.4	30.61	47.2	31.21	47.7	32.28	48.6	34.48	48.4	37.66
		3					42.2	44.69	44.0	44.69	45.3	44.69	46.4	45.29	47.1	46.37	48.2	48.57	48.1	51.75
		4					40.3	58.78	42.5	58.78	44.2	58.78	45.7	59.38	46.5	60.45	47.8	62.65	47.8	65.83
		5							41.1	72.86	43.2	72.86	44.9	73.47	46.0	74.54	47.4	76.74	47.5	79.92
		6									42.2	86.95	44.2	87.55	45.4	88.63	47.0	90.83	47.2	94.33
		7											43.5	101.64	44.9	102.71	46.6	104.91	46.9	108.09
		8													44.4	116.80	46.2	119.00	46.7	122.18
		9													43.9	130.88	45.9	133.09	46.4	136.26
		10															45.5	147.17	46.1	150.35
1700 - 42	950	1	51.2	19.37	52.8	19.37	53.8	19.37	54.7	19.37	55.3	19.37	55.9	20.19	56.2	21.54	55.2	24.59	56.7	28.84
		2	46.3	35.59	49.3	35.59	51.1	35.59	52.6	35.59	53.8	35.59	54.8	36.41	55.4	37.75	56.5	40.80	56.2	45.05
		3	41.8	51.81	46.1	51.81	48.6	51.81	50.7	51.81	52.4	51.81	53.8	52.63	54.6	53.97	55.9	57.20	55.8	61.27
		4					46.2	68.02	48.9	68.02	51.0	68.02	52.8	68.84	53.9	70.18	55.4	73.23	55.5	77.48
		5					43.9	84.24	47.2	84.24	49.7	84.24	51.9	85.06	53.2	86.40	54.9	89.45	55.1	93.70
		6									48.5	100.45	51.0	101.27	52.5	102.62	54.4	105.66	54.8	109.91
		7									47.2	116.67	50.2	117.49	51.9	118.83	54.0	121.88	54.4	126.13
		8											49.3	133.70	51.2	135.05	53.1	138.09	54.1	174.78
		9											48.5	149.92	50.6	151.25	52.6	154.31	53.7	174.78
		10													50.0	167.48	52.2	170.53	53.4	174.78

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			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
			(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)
1700 - 46	950	1	60.20	21.90	61.90	21.90	62.90	21.90	63.70	21.90	64.40	21.90	64.90	22.80	65.20	24.10	65.60	27.20	65.70	31.40
		2	55.30	40.70	58.40	40.70	60.10	40.70	61.70	40.70	62.80	40.70	63.80	41.50	64.40	42.90	65.00	45.90	65.30	50.18
		3					57.60	59.50	59.80	59.50	61.40	59.50	62.80	60.30	63.70	61.70	64.50	64.70	64.90	68.96
		4					55.20	78.30	58.00	78.30	60.10	78.30	61.90	79.10	62.90	80.50	64.00	83.50	64.50	87.75
		5						56.30	97.10	58.80	97.10	61.00	97.90	62.20	99.20	63.50	102.00	64.20	106.53	
		6								57.50	116.00	60.10	117.00	61.60	118.00	63.00	121.00	63.80	125.31	
		7										59.20	135.00	60.90	137.00	62.60	140.00	63.50	144.09	
		8												60.30	156.00	62.10	159.00	63.10	162.87	
		9													59.60	174.00	61.70	177.00	62.80	181.65
		10															61.30	196.00	62.50	200.44
2200 - 42	950	1	67.10	25.20	69.10	25.20	70.30	25.20	71.30	25.20	72.10	25.20	72.80	26.25	73.20	28.05	73.60	31.83	73.80	37.54
		2	61.30	46.30	64.90	46.30	67.00	46.30	68.90	46.30	70.30	46.30	71.50	47.34	72.20	49.15	72.90	52.92	73.30	58.63
		3	55.90	67.40	61.00	67.40	64.00	67.40	66.60	67.40	68.60	67.40	70.30	68.44	71.30	70.24	72.30	74.02	72.80	79.73
		4					61.10	88.49	64.40	88.49	66.90	88.49	69.10	89.54	70.40	91.34	71.70	95.12	72.30	100.83
		5					58.30	109.59	62.30	109.59	65.40	109.59	68.00	110.63	69.60	112.44	71.10	116.21	71.90	121.92
		6									63.90	130.69	67.00	131.73	68.80	133.53	70.50	137.31	71.50	143.02
		7									62.40	151.78	65.90	152.83	68.00	154.63	70.00	158.41	71.00	164.12
		8											64.90	173.93	67.20	175.73	69.40	179.50	70.60	185.21
		9											63.90	195.00	66.40	196.82	68.90	200.60	70.20	206.31
		10													65.70	217.92	68.40	221.70	69.80	227.41
2200 - 46	950	1	78.60	28.46	80.60	28.46	81.80	28.46	82.80	28.46	83.60	28.46	84.30	29.50	84.70	31.30	85.10	35.08	85.30	40.79
		2	72.80	52.81	76.40	52.81	78.50	52.81	80.40	52.81	81.80	52.81	83.00	53.85	83.70	55.66	84.40	59.43	84.70	65.14
		3					75.50	77.16	78.10	77.16	80.00	77.16	81.80	78.20	82.80	80.01	83.70	83.79	84.30	89.46
		4					72.60	101.51	75.90	101.51	78.40	101.51	80.60	102.55	81.90	104.36	83.10	108.13	83.80	113.84
		5						73.80	125.86	76.90	125.86	79.50	126.90	81.10	128.71	82.60	132.48	83.40	138.19	
		6								75.30	150.21	78.40	151.25	80.20	153.06	82.00	156.83	82.90	162.54	
		7										77.40	175.61	79.50	177.41	81.50	181.19	82.50	186.89	
		8													78.70	201.76	80.90	205.54	82.10	211.24
		9													77.90	226.11	80.40	229.89	81.70	235.60
		10															79.90	254.24	81.30	259.95
40 - 38	1450	1	1.40	0.74	1.50	0.74	1.60	0.74	1.60	0.78	1.60	0.78	1.60	0.82	1.60	1.03	1.70	1.30	1.70	1.56
		2	1.10	1.26	1.30	1.26	1.40	1.26	1.50	1.83	1.50	1.83	1.60	1.34	1.60	1.55	1.60	1.82	1.70	2.08
		3	0.90	1.79	1.10	1.79	1.30	1.79	1.40	2.36	1.50	2.36	1.50	1.87	1.60	2.08	1.60	2.35	1.60	2.61
		4	0.70	2.31	1.00	2.31	1.10	2.31	1.30	2.88	1.40	2.88	1.50	2.39	1.50	2.60	1.60	2.87	1.60	3.13
		5	0.50	2.84	0.80	2.84	1.10	2.84	1.20	3.41	1.30	3.41	1.40	2.92	1.50	3.13	1.60	3.40	1.60	3.66
		6					1.00	3.36	1.10	3.39	1.30	3.39	1.40	3.44	1.50	3.65	1.50	3.92	1.60	4.18
		7							1.00	3.89	1.20	3.89	1.30	3.97	1.40	4.18	1.50	4.45	1.60	4.71
		8							0.90	4.41	1.10	4.41	1.30	4.49	1.40	4.70	1.50	4.97	1.50	5.23
		9							0.90	4.94	1.10	4.94	1.20	5.02	1.40	5.23	1.50	5.50	1.50	5.76
		10									1.00	5.46	1.20	5.54	1.30	5.75	1.40	6.02	1.50	6.28
40 - 46	1450	1	1.90	0.91	2.00	0.91	2.10	0.91	2.10	0.91	2.10		2.20	0.99	2.20	1.20	2.20	1.47	2.20	1.73
		2	1.60	1.61	1.80	1.61	2.00	1.66	2.00	1.61	2.10		2.10	1.69	2.20	1.90	2.20	2.17	2.20	2.43
		3	1.30	2.31	1.60	2.31	1.80	2.36	1.90	2.31	2.00		2.00	2.39	2.10	2.60	2.20	2.87	2.20	3.13
		4					1.70	3.06	1.80	3.01	1.90		2.00	3.09	2.10	3.30	2.10	3.57	2.20	3.83
		5					1.60	3.76	1.70	3.71	1.80		1.90	3.79	2.00	4.00	2.10	4.27	2.10	4.53
		6							1.50	4.41	1.70		1.90	4.49	2.00	4.70	2.10	4.97	2.10	5.25
		7							1.40	5.11	1.60		1.80	5.19	1.90	5.40	2.00	5.67	2.10	5.93
		8									1.60		1.80	5.89	1.90	6.10	2.00	6.37	2.10	6.63
		9											1.70	6.59	1.80	6.80	2.00	7.07	2.10	7.33
		10											1.70	7.29	1.80	7.50	2.00	7.77	2.00	8.03

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			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
			(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)
80 - 36	1450	1	2.6	1.29	2.7	1.29	2.9	1.36	2.9	1.29	2.9	1.29	3.0	1.42	3.0	1.62	3.0	1.92	3.1	2.21
		2	2.2	2.25	2.5	2.25	2.7	2.32	2.7	2.25	2.8	2.25	2.9	2.38	2.9	2.58	3.0	2.88	3.0	3.17
		3	1.8	3.21	2.2	3.21	2.5	3.28	2.6	3.21	2.7	3.21	2.8	3.34	2.9	3.54	3.0	3.84	3.0	4.13
		4	1.5	4.16	1.9	4.16	2.4	4.24	2.4	4.16	2.6	4.16	2.7	4.29	2.8	4.49	2.9	4.79	3.0	5.08
		5	1.1	5.12	1.7	5.12	2.2	5.20	2.3	5.12	2.5	5.12	2.7	5.25	2.8	5.45	2.9	5.75	2.9	6.04
		6					2.1	6.15	2.1	6.08	2.4	6.08	2.6	6.21	2.7	6.41	2.8	6.71	2.9	7.00
		7					1.9	7.11	2.0	7.04	2.3	7.04	2.5	7.17	2.7	7.37	2.8	7.67	2.9	7.96
		8					1.8	8.07	1.9	8.00	2.2	8.00	2.4	8.13	2.6	8.33	2.8	8.63	2.9	8.92
		9							1.7	8.96	2.1	8.96	2.4	9.09	2.5	9.29	2.7	9.59	2.8	9.88
		10							1.6	9.91	2.0	9.91	2.3	10.04	2.5	10.24	2.7	10.54	2.8	10.83
80 - 42	1450	1					3.5	1.57	3.5	1.50	3.6	1.50	3.6	1.63	3.7	1.83	3.7	2.13	3.7	2.42
		2	3.2	1.50	3.3	1.50	3.3	2.74	3.3	2.66	3.4	2.66	3.5	2.79	3.6	2.99	3.7	3.29	3.7	3.58
		3	2.7	2.65	3.0	2.65	3.1	3.90	3.1	3.83	3.3	3.83	3.4	3.96	3.5	4.16	3.6	4.46	3.6	4.75
		4	2.2	3.83	2.7	3.83	2.9	5.07	2.9	5.00	3.1	5.00	3.3	5.13	3.4	5.33	3.6	5.63	3.6	5.92
		5	1.8	5.00	2.3	5.00	2.7	6.24	2.8	6.16	3.0	6.16	3.2	6.29	3.4	6.49	3.5	6.80	3.6	7.08
		6					2.5	7.40	2.6	7.33	2.9	7.33	3.2	7.46	3.3	7.66	3.5	7.96	3.5	8.25
		7							2.4	8.50	2.8	8.50	3.1	8.63	3.2	8.83	3.4	9.13	3.5	9.42
		8							2.3	9.66	2.6	9.66	3.0	9.79	3.2	9.99	3.4	10.29	3.5	10.58
		9									2.5	10.83	2.9	10.96	3.1	11.16	3.3	11.46	3.4	11.75
		10									2.4	12.00	2.8	12.13	3.1	12.33	3.3	12.63	3.4	12.92
80 - 46	1450	1					4.1	1.77	4.2	1.70	4.2	1.70	4.3	1.83	4.3	2.03	4.4	2.33	4.4	2.62
		2	3.8	1.70	4.0	1.70	3.9	3.14	4.0	3.06	3.9	3.06	4.2	3.19	4.2	3.39	4.3	3.69	4.3	3.98
		3	3.3	3.06	3.6	3.06	3.7	4.50	3.8	4.43	3.8	4.43	4.1	4.56	4.2	4.76	4.2	5.06	4.3	5.35
		4	2.9	4.43	3.3	4.43	3.5	5.87	3.6	5.80	3.7	5.80	4.0	5.93	4.1	6.13	4.2	6.43	4.3	6.72
		5					3.3	7.24	3.4	7.16	3.5	7.16	3.9	7.29	4.0	7.49	4.2	7.79	4.2	8.08
		6							3.2	8.53	3.5	8.53	3.8	8.66	4.0	8.86	4.1	9.16	4.2	9.45
		7							3.1	9.90	3.4	9.90	3.7	10.03	3.9	10.23	4.1	10.53	4.1	10.82
		8									3.1	11.26	3.6	11.39	3.8	11.59	4.0	11.89	4.1	12.18
		9											3.6	12.76	3.8	12.96	4.0	13.26	4.1	13.55
		10											3.5	14.13	3.7	14.33	3.9	14.63	4.0	14.92
120 - 42	1450	1					5.1	2.30	5.1	2.19	5.2	2.19	5.3	2.48	5.3	2.85	5.4	3.36	5.4	3.88
		2	4.7	2.19	4.9	2.19	4.8	3.97	4.8	3.85	5.0	3.85	5.1	4.14	5.2	4.51	5.3	5.02	5.3	5.54
		3	4.0	3.85	4.4	3.85	4.5	5.64	4.6	5.52	4.8	5.52	5.0	5.81	5.1	6.18	5.2	6.69	5.3	7.21
		4	3.4	5.52	4.0	5.52	4.3	7.30	4.4	7.19	4.6	7.19	4.9	7.48	5.0	7.85	5.2	8.36	5.2	8.88
		5	2.9	7.19	3.6	7.19	4.0	8.97	4.1	8.85	4.5	8.85	4.8	9.14	4.9	9.51	5.1	10.02	5.2	10.54
		6					3.8	10.64	3.9	10.52	4.3	10.52	4.6	10.81	4.8	11.18	5.0	11.69	5.1	12.21
		7							3.7	12.19	4.1	12.19	4.5	12.48	4.7	12.85	5.0	13.36	5.1	13.88
		8							3.5	13.85	4.0	13.85	4.4	14.14	4.7	14.51	4.9	15.02	5.0	15.54
		9									3.8	15.52	4.3	15.81	4.6	16.18	4.9	16.69	5.0	17.21
		10									3.7	17.19	4.2	17.48	4.5	17.85	4.8	18.36	5.0	18.88
120 - 46	1450	1					6.1	2.60	6.1	2.49	6.2	2.49	6.3	2.78	6.3	3.15	6.3	3.66	6.4	4.18
		2	5.6	2.49	5.9	2.49	5.8	4.57	5.8	4.45	6.0	4.45	6.1	4.74	6.2	5.11	6.3	5.62	6.3	6.14
		3	5.0	4.45	5.4	4.45	5.5	6.54	5.6	6.42	5.8	6.42	6.0	6.71	6.1	7.08	6.2	7.59	6.3	8.11
		4	4.4	6.42	5.0	6.42	5.3	8.50	5.3	8.39	5.6	8.39	5.9	8.68	6.0	9.05	6.1	9.56	6.2	10.08
		5	3.9	8.39	4.6	8.39	5.0	10.47	5.1	10.35	5.5	10.35	5.7	10.64	5.9	11.01	6.1	11.52	6.2	12.04
		6					4.8	12.44	4.9	12.32	5.3	12.32	5.6	12.61	5.8	12.98	6.0	13.49	6.1	14.01
		7							4.7	14.29	5.1	14.29	5.5	14.58	5.7	14.95	6.0	15.46	6.1	15.98
		8							4.5	16.25	5.0	16.25	5.4	16.54	5.6	16.91	5.9	17.42	6.0	17.94
		9									4.8	18.22	5.3	18.51	5.6	18.88	5.8	19.39	6.0	19.91
		10									4.7	20.19	5.2	20.48	5.5	20.85	5.8	21.36	5.9	21.88

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)
210 - 40	1450	1.0	8.2	3.66	8.5	3.66	8.6	3.66	8.8	3.66	8.9	3.66	9.0	4.10	9.0	4.62	9.1	5.43	9.1	6.17
		2.0	7.4	6.45	7.9	6.45	8.2	6.45	8.4	6.45	8.6	6.45	8.8	6.89	8.9	7.41	9.0	8.22	9.1	8.96
		3.0	6.6	9.23	7.3	9.23	7.7	9.23	8.1	9.23	8.4	9.23	8.6	9.67	8.8	10.19	8.9	11.00	9.0	11.74
		4.0					7.3	12.01	7.8	12.01	8.2	12.01	8.5	12.45	8.6	12.97	8.8	13.78	8.9	14.52
		5.0					6.9	14.80	7.5	14.80	7.9	14.80	8.3	15.24	8.5	15.76	8.7	16.57	8.9	17.31
		6.0							7.2	17.58	7.7	17.58	8.2	18.02	8.4	18.54	8.7	19.35	8.8	20.09
		7.0							6.9	20.36	7.5	20.36	8.0	20.80	8.3	21.32	8.6	22.13	8.8	22.87
		8.0									7.3	23.15	7.9	23.59	8.2	24.11	8.5	24.92	8.7	25.66
		9.0											7.7	26.37	8.1	26.89	8.4	27.70	8.6	28.44
		10.0											7.6	29.15	8.0	29.67	8.4	30.48	8.6	31.22
210 - 46	1450	1.0	10.3	4.38	10.7	4.38	10.9	4.38	11.1	4.38	11.2	4.38	11.3	4.82	11.4	5.34	11.4	6.15	11.5	6.89
		2.0	9.3	7.88	10.0	7.88	10.3	7.88	10.6	7.88	10.9	7.88	11.1	8.32	11.2	8.84	11.3	9.65	11.4	10.39
		3.0	8.4	11.38	9.3	11.30	9.8	11.30	10.2	11.30	10.6	11.30	10.9	11.82	11.1	12.34	11.2	13.15	11.3	13.89
		4.0					9.3	14.88	9.9	14.88	10.3	14.88	10.7	15.32	10.9	15.84	11.1	16.65	11.2	17.39
		5.0					8.8	18.38	9.5	18.38	10.0	18.38	10.5	18.82	10.7	19.34	11.0	20.15	11.2	20.89
		6.0							9.2	21.88	9.8	21.88	10.3	22.32	10.6	22.84	10.9	23.65	11.1	24.39
		7.0							8.8	25.38	9.5	25.38	10.1	25.82	10.5	26.34	10.8	27.15	11.0	27.89
		8.0									9.3	28.80	9.9	29.32	10.4	29.84	10.8	30.65	10.9	31.39
		9.0											9.8	32.82	10.2	33.34	10.7	34.15	10.9	34.89
		10.0											9.6	36.32	10.1	36.84	10.6	37.65	10.8	38.90
280 - 43	1450	1.0	12.3	5.59	12.7	5.59	12.9	5.59	13.1	5.59	13.3	5.59	13.4	6.18	13.5	6.99	13.6	8.24	13.6	9.42
		2.0	11.0	9.70	11.8	9.70	12.3	9.70	12.7	9.70	12.9	9.70	13.2	10.29	13.3	11.10	13.5	12.35	13.5	13.53
		3.0	9.9	13.82	11.0	13.82	11.3	13.82	12.1	13.82	12.5	13.82	12.9	14.41	13.1	15.22	13.3	16.47	13.4	17.65
		4.0	8.8	17.94	10.2	17.94	10.4	17.94	11.7	17.94	12.2	17.94	12.7	18.53	12.9	19.34	13.2	20.59	13.3	21.77
		5.0					9.8	22.05	11.2	22.05	11.9	22.05	12.4	22.64	12.8	23.45	13.1	24.70	13.3	25.88
		6.0							10.8	26.17	11.6	26.17	12.2	26.76	12.6	27.57	13.0	28.82	13.2	30.00
		7.0							10.4	30.29	11.2	30.29	12.0	30.88	12.4	31.69	12.8	32.94	13.1	34.12
		8.0									10.9	34.40	11.8	34.99	12.3	35.80	12.7	37.05	13.0	38.23
		9.0									10.6	38.52	11.6	39.11	12.1	9.92	12.6	41.17	12.9	42.35
		10.0											11.4	43.23	12.0	44.04	12.5	45.29	12.8	46.47
280 - 46	1450	1.0	14.1	6.14	14.5	6.14	14.8	6.14	15.0	6.14	15.1	6.14	15.3	6.73	15.4	7.54	15.4	8.79	15.5	9.97
		2.0	12.9	10.80	13.6	10.80	14.1	10.80	14.5	10.80	14.7	10.80	15.0	11.39	15.2	12.20	15.3	13.45	15.4	14.63
		3.0	11.7	15.47	12.8	15.47	13.4	15.47	14.0	15.47	14.4	15.47	14.8	16.06	15.0	16.87	15.2	18.12	15.3	19.30
		4.0					12.8	20.14	13.5	20.14	14.0	20.14	14.5	20.73	14.8	21.54	15.0	22.79	15.2	23.97
		5.0					12.2	24.80	13.1	24.80	13.7	24.80	14.3	25.39	14.6	26.20	14.9	27.45	15.1	28.63
		6.0							12.7	29.47	13.4	29.47	14.1	30.06	14.4	30.87	14.8	32.12	15.0	33.30
		7.0							12.2	34.14	13.1	34.14	13.8	34.73	14.3	35.54	14.7	36.79	14.9	37.97
		8.0									12.8	38.80	13.6	39.39	14.1	40.20	14.6	36.79	14.8	42.63
		9.0											13.4	44.06	14.0	44.87	14.5	41.45	14.8	47.30
		10.0											13.2	48.73	13.8	49.54	14.4	46.12	14.8	51.97
440 - 40	1450	1.0	17.7	8.05	18.2	8.05	18.5	8.05	18.8	8.05	19.0	8.05	19.1	8.86	19.2	9.82	19.4	12.20	19.5	13.87
		2.0	16.3	13.81	17.2	13.81	17.7	13.81	18.2	13.81	18.5	13.81	18.8	14.62	19.0	15.58	19.3	17.96	19.4	19.63
		3.0	15.0	19.58	16.2	19.58	17.0	19.58	17.6	19.58	18.1	19.58	18.5	20.39	18.8	21.35	19.1	23.73	19.2	25.40
		4.0	13.7	25.35	15.3	25.35	16.3	25.35	17.1	25.35	17.7	25.35	18.2	26.16	18.5	27.12	19.0	29.50	19.1	31.17
		5.0					15.6	31.11	16.1	31.11	17.3	31.11	18.0	31.92	18.3	32.88	18.8	35.26	18.9	36.93
		6.0					14.9	36.88	16.1	36.88	17.0	36.88	17.7	37.69	18.1	38.00	18.7	41.03	18.8	42.70
		7.0					14.3	42.65	15.6	42.65	16.6	42.65	17.5	43.46	18.0	45.00	18.6	46.80	18.7	48.47
		8.0							15.1	48.41	16.2	48.41	17.2	49.22	17.8	50.89	18.4	52.56	18.6	54.23
		9.0									15.9	54.18	17.0	54.99	17.6	56.66	18.3	58.33	18.5	60.00
		10.0									15.6	59.95	16.7	60.76	17.4	62.43	18.2	64.10	18.4	65.77

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			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)
440 - 46	1450	1	22.8	9.65	23.4	9.65	23.7	9.65	24.0	9.65	24.2	9.65	24.4	10.46	24.6	11.42	24.7	13.26	24.8	15.47
		2	21.0	17.01	22.1	17.01	22.7	17.01	23.3	17.01	23.7	17.01	24.1	17.82	24.3	18.78	24.5	20.62	24.6	22.83
		3	19.4	24.38	21.0	24.38	21.8	24.38	22.6	24.38	23.2	24.38	23.7	25.19	24.0	26.15	24.3	27.99	24.4	30.20
		4					21.0	31.75	22.0	31.75	22.7	31.75	23.4	32.56	23.7	33.52	24.1	35.36	24.3	37.57
		5					20.1	39.11	21.3	39.11	22.2	39.11	23.0	39.92	23.5	40.88	23.9	42.72	24.2	44.93
		6							20.7	46.48	21.8	46.48	22.7	47.29	23.2	48.25	23.8	50.09	24.0	52.30
		7							20.2	53.85	21.4	53.85	22.4	54.66	23.0	55.62	23.6	57.46	23.9	59.67
		8									20.9	61.21	22.1	62.06	22.8	62.98	23.4	64.82	23.8	67.03
		9											21.8	69.39	22.6	70.35	23.3	72.19	23.7	74.40
		10											21.5	76.76	22.3	77.72	23.1	79.56	23.6	81.77
660 - 40	1450	1	28.3	12.21	28.9	12.21	29.3	12.21	29.7	12.21	29.9	12.21	30.1	13.09	30.3	14.49	30.4	17.07	30.5	19.97
		2	26.3	21.17	27.5	21.17	28.2	21.17	28.8	21.17	29.3	21.17	29.7	22.05	29.9	23.45	30.2	26.03	30.3	28.93
		3	24.5	30.14	26.2	30.14	27.2	30.14	28.1	30.14	28.7	30.14	29.3	31.02	29.6	32.42	30.0	35.00	30.1	37.90
		4					26.3	39.11	27.4	39.11	28.2	39.11	28.9	39.99	29.4	41.39	29.8	43.97	30.0	46.87
		5					25.4	48.07	26.7	48.07	27.7	48.07	28.6	48.95	29.1	50.35	29.6	52.93	29.8	55.83
		6							26.0	57.04	27.2	57.04	28.2	57.92	28.8	59.32	29.4	61.90	29.7	64.80
		7									26.7	66.01	27.9	66.89	28.6	68.29	29.2	70.87	29.6	73.77
		8									26.2	74.97	27.5	75.85	28.3	77.25	29.0	79.83	29.4	82.73
		9											27.2	84.82	28.0	86.22	28.9	88.80	29.3	91.70
		10													27.8	95.19	28.7	97.77	29.2	100.67
660 - 46	1450	1	34.7	14.24	35.5	14.24	36.0	14.24	36.4	14.24	36.7	14.24	37.0	15.12	37.1	16.52	37.3	19.10	37.4	22.00
		2	32.3	25.24	33.8	25.24	34.7	25.24	35.4	25.24	36.0	25.24	36.4	26.12	36.7	27.52	37.0	30.10	37.2	33.00
		3	30.2	36.24	32.2	36.24	33.4	36.24	34.5	36.24	35.3	36.24	36.0	37.12	36.4	38.52	36.7	41.10	37.0	44.00
		4					32.3	47.24	33.6	47.24	34.6	47.24	35.5	48.12	36.0	49.52	36.5	52.10	36.8	55.00
		5					31.2	58.24	32.8	58.24	34.0	58.24	35.0	59.12	35.7	60.52	36.3	63.10	36.6	66.00
		6							32.0	69.24	33.4	69.24	34.6	70.12	35.3	71.52	36.1	74.10	36.4	77.00
		7									32.8	80.24	34.2	81.12	35.0	82.52	35.8	85.10	36.3	88.00
		8											33.8	92.12	34.7	93.52	35.6	96.10	36.1	99.00
		9											33.4	103.12	34.4	104.52	35.4	107.10	36.0	110.00
		10													34.1	115.52	35.2	118.10	35.8	121.00
940 - 42	1450	1	41.3	17.47	42.3	17.47	43.0	17.47	43.5	17.47	43.9	17.47	44.2	18.57	44.5	20.26	44.7	24.05	44.8	28.55
		2	38.2	30.52	40.1	30.52	41.2	30.52	42.2	30.52	42.9	30.52	43.6	31.62	43.9	33.31	44.3	37.10	44.5	41.60
		3	35.4	43.57	38.1	43.57	39.6	43.57	41.0	43.57	42.0	43.57	42.9	44.67	43.5	46.36	44.0	50.15	44.2	54.65
		4					38.1	56.62	39.9	56.62	41.2	56.62	42.3	57.72	43.0	59.41	43.7	63.20	44.0	67.70
		5					36.7	69.67	38.8	69.67	40.4	69.67	41.8	70.77	42.6	72.46	43.4	76.25	43.8	80.75
		6					35.2	82.72	37.7	82.72	39.6	82.72	41.2	83.82	42.1	85.51	43.1	89.30	43.5	93.80
		7							36.7	95.77	38.8	95.77	40.6	96.87	41.7	98.56	42.8	102.40	43.3	106.85
		8									38.1	108.82	40.1	109.92	41.3	111.61	42.5	115.40	43.1	119.90
		9									37.3	121.87	39.6	122.97	40.9	124.66	42.2	128.50	42.9	132.65
		10											39.1	136.02	40.5	137.71	42.0	141.50	42.7	146.00
940 - 46	1450	1	50.3	20.09	51.4	20.09	52.0	20.09	52.5	20.09	52.9	20.09	53.3	21.19	53.5	22.88	53.7	26.67	53.8	31.17
		2	47.3	35.75	49.2	35.75	50.3	35.75	51.2	35.75	52.0	35.75	52.6	36.85	53.0	38.54	53.3	42.33	53.5	46.83
		3	44.4	51.42	47.1	51.42	48.7	51.42	50.0	51.42	51.1	51.42	52.0	52.52	52.5	54.21	53.0	58.00	53.3	62.50
		4					47.2	67.09	48.9	67.09	50.2	67.09	51.4	68.19	52.0	69.88	52.7	73.67	53.0	78.17
		5					45.7	82.75	47.8	82.75	49.4	82.75	50.8	83.85	51.6	85.54	52.4	89.33	52.8	93.83
		6							46.7	98.42	48.6	98.42	50.2	99.52	51.2	101.21	52.1	105.00	52.6	109.50
		7									47.9	114.09	49.7	115.19	50.8	116.88	51.8	120.67	52.4	125.17
		8											49.2	130.85	50.4	132.54	51.5	136.33	52.2	140.83
		9											48.6	146.52	50.0	148.21	51.3	152.00	51.9	156.50
		10													49.6	163.88	51.0	167.67	51.7	172.17

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			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
			(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)
1300 - 42	1450	1	59.7	24.17	61.1	24.17	61.9	24.17	62.6	24.17	63.1	24.17	63.5	25.57	63.8	28.07	64.0	33.20	64.2	40.60
		2	55.8	42.67	58.0	42.67	59.7	42.67	60.9	42.67	61.8	42.67	62.7	44.07	63.1	46.57	63.6	51.70	63.8	59.10
		3	52.2	61.17	55.7	61.17	57.6	61.17	59.4	61.17	60.7	61.17	61.8	62.57	62.5	65.07	63.2	70.20	63.5	77.60
		4					55.7	79.67	57.9	79.67	59.6	79.67	61.1	81.07	61.9	83.57	62.8	88.70	63.2	96.10
		5					53.9	98.17	56.6	98.17	58.6	98.17	60.4	99.57	61.4	102.07	62.4	107.20	62.9	114.60
		6					52.1	116.67	55.2	116.70	57.6	116.70	59.6	118.07	60.8	120.57	62.0	125.70	62.6	133.10
		7							53.9	135.17	56.6	135.17	58.9	136.57	60.3	139.07	61.7	144.20	62.4	151.60
		8									55.6	153.67	58.3	155.07	59.8	157.57	61.3	162.70	62.1	170.10
		9									54.7	172.17	57.6	173.57	59.3	176.07	60.9	181.20	61.8	188.60
		10											56.9	192.07	58.8	194.57	60.6	199.70	61.6	207.10
1300 - 46	1450	1	70.2	27.17	71.6	27.17	72.3	27.17	73.0	27.17	73.5	27.17	74.0	28.57	74.3	31.07	74.5	36.20	74.6	43.60
		2	66.3	48.67	68.8	48.67	70.1	48.67	71.4	48.67	72.3	48.67	73.1	50.07	73.6	52.57	74.1	57.70	74.3	65.10
		3	62.7	70.17	66.1	70.17	68.1	70.17	69.9	70.17	71.2	70.17	72.3	71.57	73.0	74.07	73.6	79.20	74.0	86.60
		4					66.2	91.67	68.4	91.67	70.1	91.67	71.6	93.07	72.4	95.57	73.2	100.70	73.7	108.10
		5					64.3	113.17	67.0	113.17	69.1	113.17	70.8	114.57	71.9	117.07	72.9	122.20	73.4	129.60
		6							65.7	134.67	68.1	134.67	70.1	136.07	71.3	138.57	72.5	143.70	73.1	151.10
		7									67.1	156.17	69.4	157.57	70.8	160.07	72.1	165.20	72.8	172.60
		8											68.7	179.07	70.3	181.57	71.8	186.70	72.6	194.10
		9											68.1	200.57	69.8	203.07	71.4	208.20	72.3	215.60
		10													69.3	224.57	71.1	229.70	72.0	237.10
1700 - 42	1450	1	81.3	32.11	82.9	32.11	83.9	32.11	84.8	32.11	85.4	32.11	86.0	34.02	86.3	37.15	86.6	44.25	86.8	54.15
		2	76.4	56.86	79.4	56.86	81.2	56.86	82.7	56.86	83.9	56.86	84.9	58.77	85.5	61.90	86.0	69.00	86.4	78.90
		3	71.9	81.61	76.2	81.61	78.7	81.61	80.8	81.61	82.5	81.61	83.9	83.52	84.7	86.65	85.5	93.75	86.0	103.65
		4					76.3	106.36	79.0	106.36	81.1	106.36	82.9	108.27	84.0	111.40	85.0	118.50	85.6	128.40
		5					74.0	131.11	77.3	131.11	79.8	131.11	82.0	133.02	83.3	136.15	84.5	143.25	85.2	153.15
		6							75.6	155.86	78.6	155.86	81.1	157.77	82.6	160.90	84.1	168.00	84.9	177.90
		7									77.4	180.61	80.3	182.52	82.0	185.65	83.6	192.75	84.5	202.65
		8											79.4	207.27	81.3	210.40	83.2	217.50	84.2	227.40
		9											78.6	232.02	80.7	235.15	82.8	242.25	83.9	252.15
		10													80.1	259.90	82.3	267.00	83.5	276.90
1700 - 46	1450	1	95.1	36.03	96.8	36.03	97.7	36.03	98.6	36.03	99.2	36.03	99.8	37.94	100.1	41.07	100.4	48.17	100.6	58.07
		2	90.2	64.69	93.3	64.69	95.0	64.69	96.5	64.69	97.7	64.69	98.7	66.60	99.3	69.73	99.9	76.83	100.2	86.73
		3	85.7	93.36	90.0	93.36	92.5	93.36	94.7	93.36	96.3	93.36	97.7	95.27	98.5	98.40	99.3	105.50	99.8	115.40
		4					90.1	122.00	92.9	122.00	94.9	122.00	96.8	123.90	97.8	127.10	98.8	134.20	99.4	144.07
		5							91.1	150.70	93.7	150.70	95.8	152.60	97.1	155.70	98.4	162.80	99.0	172.73
		6									92.4	179.40	95.0	181.30	96.4	184.40	97.9	191.50	98.7	201.40
		7									91.2	208.00	94.1	209.90	95.8	213.10	97.4	220.20	98.3	230.07
		8											93.3	238.60	95.1	241.70	97.0	248.80	98.0	258.73
		9													94.5	270.40	96.6	277.50	97.7	287.40
		10													93.9	299.10	96.1	306.20	97.3	316.07
2200 - 42	1450	1	106.3	41.77	108.3	41.77	109.5	41.77	110.5	41.77	111.3	41.77	112.0	44.20	112.4	48.40	112.7	57.20	113.0	70.50
		2	100.5	73.97	104.1	73.97	106.2	73.97	108.0	73.97	109.4	73.97	110.7	76.40	111.4	80.60	112.1	89.40	112.4	102.70
		3	95.1	106.17	100.2	106.17	103.1	106.17	105.8	106.17	107.7	106.17	109.5	108.60	110.5	112.80	111.4	121.60	112.0	134.90
		4					100.2	138.37	103.6	138.37	106.1	138.37	108.3	140.80	109.6	145.00	110.8	153.80	111.5	167.10
		5					97.5	170.57	101.5	170.57	104.5	170.57	107.2	173.00	108.8	177.20	110.3	186.00	111.1	199.30
		6					94.8	202.77	99.5	202.77	103.0	202.77	106.1	205.20	107.9	209.40	109.7	218.20	110.6	231.50
		7							97.5	234.97	101.6	234.97	105.1	237.40	107.1	241.60	109.1	250.40	110.2	263.70
		8									100.1	267.17	104.1	269.60	106.4	273.80	108.6	282.60	109.8	295.90
		9									98.7	299.37	103.1	301.80	105.6	306.00	108.1	314.80	109.4	328.10
		10											102.1	334.00	104.9	338.20	107.6	347.00	109.0	360.30

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

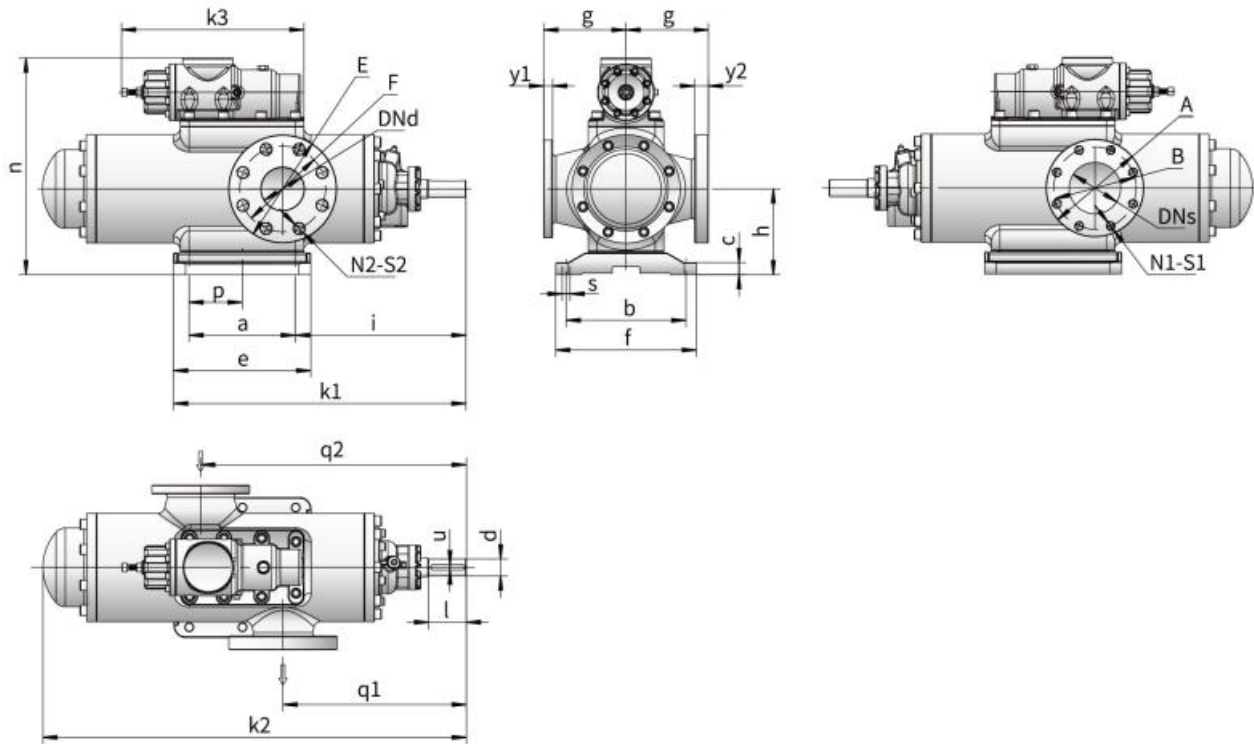
Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power	Capacity	Shaft Power
			(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)
2200 - 46	1450	1	123.8	46.74	125.8	46.74	127.0	46.74	128.0	46.74	128.8	46.74	129.5	49.17	129.9	53.37	130.3	62.17	130.5	75.47
		2	118.0	83.90	121.6	83.90	123.7	83.90	125.6	83.90	127.0	83.90	128.2	86.33	128.9	90.53	129.6	99.33	130.0	112.63
		3	112.6	121.07	117.1	121.07	120.7	121.07	123.3	121.07	125.3	121.07	127.0	123.50	128.0	127.70	129.0	136.50	129.5	149.80
		4					117.8	158.24	121.1	158.24	123.6	158.24	125.8	160.67	127.1	164.87	128.4	173.67	129.0	186.97
		5					115.0	195.40	119.0	195.40	122.1	195.40	124.7	197.83	126.3	202.03	127.8	210.83	128.6	224.13
		6							117.0	232.57	120.6	232.57	123.7	235.00	125.5	239.20	127.2	248.00	128.2	261.30
		7									119.1	269.74	122.6	272.17	124.7	276.37	126.7	285.17	127.7	298.47
		8											121.6	309.33	123.9	313.53	126.1	322.33	127.3	335.63
		9											120.6	346.50	123.1	350.70	125.6	359.50	126.9	372.80
		10													122.4	387.87	125.1	396.67	126.5	409.97
40 - 38	2900	1	3.1	1.89	3.2	1.89	3.3	2.08	3.3	1.89	3.3	1.89	3.3	2.21	3.3	4.10	3.3	4.13	3.4	5.17
		2	2.8	2.94	3.0	2.94	3.1	3.13	3.2	2.94	3.2	2.94	3.3	3.26	3.3	5.15	3.3	5.18	3.4	6.22
		3	2.6	3.99	2.8	3.99	3.0	4.18	3.1	3.99	3.2	3.99	3.2	4.31	3.3	6.20	3.3	6.23	3.3	7.27
		4	2.4	5.04	2.7	5.04	2.9	5.23	3.0	5.04	3.1	5.04	3.2	5.36	3.2	7.25	3.3	7.28	3.3	8.32
		5	22.0	6.09	2.5	6.09	2.8	6.28	2.9	6.09	3.0	6.09	3.1	6.41	3.2	8.30	3.2	8.33	3.3	9.37
		6	2.0	7.14	2.4	7.14	2.8	7.33	2.8	7.14	3.0	7.14	3.1	7.46	3.1	9.35	3.2	9.38	3.3	10.42
		7	1.8	8.19	2.2	8.19	2.7	8.38	2.7	8.19	2.9	8.19	3.0	8.51	3.1	10.40	3.2	10.43	3.3	11.47
		8					2.6	9.43	2.6	9.24	2.8	9.24	3.0	9.56	3.1	11.45	3.2	11.48	3.2	12.52
		9					2.5	10.48	2.6	10.29	2.8	10.29	2.9	10.61	3.0	12.50	3.2	12.53	3.2	13.57
		10					2.4	11.53	2.5	11.34	2.7	11.34	2.9	11.66	3.1	13.40	3.1	13.58	3.2	14.62
40 - 46	2900	1	4.2	2.24	4.3	2.24	4.4	2.43	4.4	2.24	4.4	2.24	4.4	2.56	4.5	3.40	4.5	4.48	4.5	5.52
		2	3.9	3.64	4.0	3.64	4.2	3.83	4.3	3.64	4.3	3.64	4.4	3.96	4.4	4.80	4.5	5.88	4.5	6.92
		3	3.6	5.04	3.8	5.04	4.1	5.23	4.1	5.04	4.2	5.04	4.3	5.36	4.4	6.20	4.4	7.28	4.5	8.32
		4	3.3	6.44	3.7	6.44	4.0	6.63	4.0	6.44	4.2	6.44	4.3	6.76	4.3	7.60	4.4	8.68	4.4	9.72
		5	3.1	7.84	3.5	7.84	3.9	8.03	3.9	7.84	4.1	7.84	4.2	8.16	4.3	9.00	4.4	10.08	4.4	11.12
		6					3.7	9.43	3.8	9.24	4.0	9.24	4.1	9.56	4.2	10.40	4.3	11.48	4.4	12.52
		7					3.6	10.83	3.7	10.64	3.9	10.64	4.1	10.96	4.2	11.80	4.3	12.88	4.4	13.92
		8					3.5	12.23	3.6	12.04	3.8	12.04	4.0	12.36	4.2	13.20	4.3	14.28	4.3	15.32
		9							3.5	13.44	3.8	13.44	4.0	13.76	4.1	14.60	4.3	15.68	4.3	16.72
		10									3.7	14.84	3.9	15.16	4.1	16.00	4.2	17.08	4.3	18.12
80 - 36	2900	1	5.7	3.24	5.8	3.24	6.0	3.24	6.0	3.24	6.1	3.53	6.1	3.76	6.1	4.56	6.2	5.76	6.2	6.92
		2	5.3	5.15	5.6	5.15	5.8	5.15	5.8	5.15	5.9	5.45	6.0	5.67	6.1	6.47	6.1	7.67	6.1	8.83
		3	4.9	7.07	5.3	7.07	5.6	7.07	5.7	7.07	5.8	7.37	5.9	7.59	6.0	8.39	6.1	9.59	6.1	10.75
		4	4.6	8.99	5.0	8.99	5.5	8.99	5.5	8.99	5.7	9.28	5.8	9.51	5.9	10.31	6.0	11.51	6.1	12.67
		5	4.2	10.90	4.8	10.90	5.3	10.90	5.4	10.90	5.6	11.20	5.7	11.42	5.9	12.22	6.0	13.42	6.0	14.58
		6	3.9	12.82	4.6	12.82	5.2	12.82	5.2	12.82	5.5	13.12	5.6	13.34	5.8	14.14	5.9	15.34	6.0	16.50
		7	3.6	14.74	4.3	14.74	5.0	14.74	5.1	14.74	5.4	15.03	5.5	15.26	5.8	16.06	5.9	17.26	6.0	18.42
		8					4.9	16.65	5.0	16.65	5.3	16.95	5.5	17.17	5.7	17.97	5.9	19.17	6.0	20.33
		9					4.7	18.57	4.8	18.57	5.2	18.87	5.5	19.09	5.7	19.89	5.8	21.09	5.9	22.25
		10					4.6	20.49	4.7	20.49	5.1	20.78	5.4	21.01	5.6	21.81	5.8	23.01	5.9	24.17
80 - 42	2900	1	6.9	3.65	7.1	3.65	7.3	3.95	7.3	3.65	7.4	3.65	7.4	4.17	7.5	4.97	7.5	6.17	7.5	7.83
		2	6.5	5.99	6.8	5.99	7.1	6.28	7.1	5.99	7.2	5.99	7.3	6.51	7.4	7.31	7.4	8.51	7.5	9.67
		3	6.0	8.32	6.4	8.32	6.8	8.62	6.9	8.32	7.1	8.32	7.2	8.84	7.3	9.64	7.4	10.84	7.4	12.00
		4	5.6	10.65	6.1	10.65	6.6	10.95	6.7	10.65	6.9	10.65	7.1	11.17	7.2	11.97	7.3	13.17	7.4	14.33
		5	5.2	12.99	5.8	12.99	6.5	13.28	6.5	12.99	6.8	12.99	7.0	13.51	7.2	14.31	7.3	15.51	7.3	16.67
		6	4.8	15.32	5.5	15.32	6.3	15.62	6.4	15.32	6.7	15.32	6.9	15.84	7.1	16.64	7.2	17.84	7.3	19.00
		7					6.1	17.95	6.2	17.65	6.5	17.65	6.9	18.17	7.0	18.97	7.2	20.17	7.3	21.33
		8					5.9	20.28	6.0	19.99	6.4	19.99	6.8	20.51	7.0	21.31	7.1	22.51	7.2	23.67
		9					5.7	22.620	5.9	22.32	6.3	22.32	6.7	22.84	6.9	23.64	7.1	24.84	7.2	26.00
		10					5.6	24.950	5.7	24.650	6.2	24.650	6.6	25.17	6.8	25.97	7.1	27.17	7.2	28.33

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)	Capacity (m³/h)	Shaft Power (kW)
80 - 46	2900	1	8.2	4.05	8.4	4.05	8.6	4.05	8.6	4.35	8.7	4.35	8.7	4.57	8.8	5.37	8.8	6.57	8.8	7.73
		2	7.8	6.79	8.1	6.79	8.3	6.79	8.4	7.08	8.5	7.08	8.6	7.31	8.7	8.11	8.7	9.31	8.8	10.47
		3	7.3	9.52	7.7	9.52	8.1	9.52	8.2	9.82	8.4	9.82	8.5	10.04	8.6	10.84	8.7	12.04	8.7	13.20
		4	6.9	12.25	7.4	12.25	7.9	12.25	8.0	12.55	8.2	12.55	8.4	12.77	8.5	13.57	8.6	14.77	8.7	15.93
		5	6.5	14.99	7.1	14.99	7.7	14.99	7.8	15.28	8.1	15.28	8.3	15.51	8.5	16.31	8.6	17.51	8.6	18.67
		6					7.6	17.72	7.7	18.02	8.0	18.02	8.2	18.24	8.4	19.04	8.5	20.24	8.6	21.40
		7					7.4	20.45	7.5	20.75	7.8	20.75	8.2	20.97	8.3	21.77	8.5	22.97	8.6	24.13
		8					7.2	23.19	7.3	23.48	7.7	23.48	8.1	23.71	8.3	24.51	8.4	24.71	8.5	26.87
		9							7.2	25.92	7.6	25.92	8.0	26.44	8.2	27.24	8.4	28.44	8.5	29.60
		10									7.5	28.65	7.9	29.14	8.1	29.97	8.4	31.17	8.5	32.33
120 - 42	2900	1	10.1	5.41	10.3	5.41	10.6	5.88	10.6	5.41	10.7	5.41	10.7	6.57	10.8	8.05	10.8	10.09	10.8	12.17
		2	9.5	8.75	9.9	8.75	10.3	9.21	10.3	8.75	10.5	8.75	10.6	9.91	10.7	11.39	10.8	13.43	10.8	15.51
		3	8.9	12.08	9.4	12.08	10.0	12.55	10.1	12.08	10.3	12.08	10.5	13.24	10.6	14.72	10.7	16.76	10.7	18.84
		4	8.3	15.41	9.0	15.41	9.7	15.88	9.8	15.41	10.1	15.41	10.3	16.57	10.5	18.05	10.6	20.09	10.7	22.17
		5	7.8	18.75	8.6	18.75	9.5	19.21	9.6	18.75	9.9	18.75	10.2	19.91	10.4	21.39	10.6	23.43	10.6	25.51
		6	7.3	22.08	8.3	22.08	9.2	22.55	9.4	22.08	9.8	22.08	10.1	23.24	10.3	24.72	10.5	26.76	10.6	28.84
		7					9.0	25.88	9.2	25.41	9.6	25.41	10.0	26.57	10.2	28.05	10.4	30.09	10.5	32.17
		8					8.8	29.21	8.9	28.75	9.4	28.75	9.9	29.91	10.1	31.39	10.4	33.43	10.5	35.51
		9					8.6	32.55	8.7	32.08	9.3	32.08	9.8	33.24	10.0	34.72	10.3	36.76	10.5	38.84
		10							8.5	35.41	9.1	35.41	9.6	36.57	10.0	38.05	10.3	40.09	10.4	42.17
120 - 46	2900	1	12.1	6.01	12.3	6.01	12.5	6.01	12.5	6.01	12.6	6.48	12.7	7.17	12.7	8.65	12.8	10.69	12.8	12.17
		2	11.4	9.95	11.8	9.95	12.2	9.95	12.3	9.95	12.4	10.41	12.6	11.11	12.6	12.59	12.7	14.63	12.8	16.71
		3	10.9	13.88	11.4	13.88	12.0	13.88	12.0	13.88	12.2	14.35	12.4	15.04	12.5	16.52	12.6	18.56	12.7	20.64
		4	10.3	17.81	11.0	17.81	11.7	17.81	11.8	17.81	12.1	18.28	12.3	19.07	12.4	20.45	12.6	22.49	12.7	24.57
		5	9.8	21.75	10.6	21.75	11.4	21.75	11.6	21.75	11.9	22.21	12.2	22.91	12.3	24.39	12.5	26.43	12.6	28.51
		6					11.2	25.68	11.3	25.68	11.7	26.25	12.1	26.84	12.3	28.32	12.5	30.36	12.6	32.44
		7					11.0	29.61	11.1	29.61	11.6	30.08	11.9	30.77	12.2	32.25	12.4	34.29	12.5	36.37
		8					10.7	33.55	10.9	33.55	11.4	34.01	11.8	34.71	12.1	36.19	12.3	38.23	12.5	40.31
		9							10.7	37.48	11.3	37.48	11.7	38.64	12.0	40.12	12.3	42.16	12.4	44.24
		10									11.1	41.41	11.6	42.57	11.9	44.05	12.2	46.09	12.4	48.17
210 - 40	2900	1	17.4	9.09	17.7	9.09	17.9	9.09	18.0	9.09	18.1	9.09	18.2	10.85	18.3	12.93	18.3	16.17	18.3	19.13
		2	16.6	14.65	17.1	14.65	17.4	14.65	17.7	14.65	17.8	14.65	18.0	16.41	18.1	18.49	18.2	21.73	18.3	24.69
		3	15.8	20.22	16.5	20.22	17.0	20.22	17.3	20.22	17.6	20.22	17.8	21.98	18.0	24.06	18.1	27.30	18.2	30.26
		4	15.1	25.79	16.0	25.79	16.6	25.79	17.0	25.79	17.4	25.79	17.7	27.55	17.9	29.63	18.0	32.87	18.1	35.83
		5	14.4	31.25	15.5	31.35	16.2	31.35	16.7	31.35	17.2	31.35	17.5	33.11	17.7	35.19	18.0	37.43	18.1	41.39
		6	13.7	36.92	15.0	36.92	15.8	36.92	16.4	36.92	16.9	36.92	17.4	38.98	17.6	40.76	17.9	44.00	18.0	46.96
		7					15.4	42.49	16.2	42.49	16.7	42.49	17.2	44.25	17.5	46.33	17.8	49.57	18.0	52.53
		8					15.0	48.05	15.9	48.05	16.5	48.05	17.1	49.81	17.4	51.89	17.7	55.13	17.9	58.09
		9					14.7	53.62	15.6	53.62	16.3	53.62	16.9	55.38	17.3	57.46	17.7	60.70	17.9	63.66
		10					14.3	59.19	15.3	59.19	16.1	59.19	16.8	60.95	17.2	63.03	17.6	66.27	17.8	69.23
210 - 46	2900	1	21.9	10.52	22.3	10.52	22.5	10.52	22.7	10.52	22.8	10.52	22.9	12.28	23.0	14.63	23.0	17.60	23.1	20.56
		2	20.9	17.52	21.6	17.52	21.9	17.52	22.2	17.52	22.5	17.52	22.7	19.28	22.8	21.36	22.9	24.60	23.0	27.56
		3	20.0	24.52	20.9	24.52	21.4	24.52	21.8	24.52	22.2	24.52	22.5	26.28	22.7	28.36	22.8	31.60	22.9	34.56
		4	19.1	31.52	20.2	31.52	20.9	31.52	21.5	31.52	21.9	31.52	22.3	33.28	22.5	35.36	22.7	38.60	22.8	41.56
		5	18.3	38.52	19.6	38.52	20.4	38.52	21.1	38.52	21.6	38.52	22.1	40.28	22.4	42.36	22.6	45.60	22.8	48.56
		6					19.9	45.52	20.8	45.52	21.4	45.52	21.9	47.28	22.2	49.36	22.5	52.60	22.7	55.56
		7					19.5	52.52	20.4	52.52	21.1	52.52	21.7	54.28	22.1	56.36	22.4	59.60	22.6	62.56
		8					19.0	59.52	20.1	59.52	20.9	59.52	21.5	61.28	22.0	63.36	22.3	66.60	22.5	69.56
		9							19.8	66.52	20.6	66.52	21.4	68.28	21.8	70.36	22.3	73.60	22.5	76.56
		10									20.4	73.52	21.2	75.28	21.8	77.36	22.2	80.60	22.4	83.56
280 - 43	2900	1	26	14.11	26.5	14.11	26.7	14.11	26.9	14.11	27.1	14.11	27.2	16.47	27.3	19.71	27.4	24.71	27.4	29.43
		2	24.8	22.35	25.6	22.35	26	22.35	26.4	22.35	26.7	22.35	27	24.71	27.1	27.95	27.2	32.95	27.3	37.67
		3	23.7	30.58	24.8	30.58	25.4	30.58	25.9	30.58	26.3	30.58	26.7	32.94	26.9	36.18	27.1	41.18	27.2	45.90
		4	22.6	38.81	24	38.81	24.8	38.81	25.5	38.81	26	38.81	26.5	41.17	26.7	44.41	27	49.41	27.1	54.13
		5	21.6	47.05	23.2	47.05	24.2	47.05	25	47.05	25.7	47.05	26.2	49.41	26.6	52.65	26.9	57.65	27	62.37
		6	20.6	55.28	22.5	55.28	23.6	55.28	24.6	55.28	25.3	55.28	26	57.64	26.4	60.88	26.7	65.88	27	70.60
		7					23.1	63.51	24.2	63.51	25	63.51	25.8	65.87	26.2	69.11	26.6	74.11	26.9	78.83
		8					22.5	71.75	23.8	71.75	24.7	71.75	25.6	74.11	26.1	77.35	26.5	82.35	26.8	87.07
		9					22	79.98	23.4	79.98	24.4	79.98	25.4	82.34	25.9	85.58	26.4	90.58	26.7	95.30
		10							23	88.21	24.1	88.21	25.2	90.57	25.7	93.81	26.3	98.81	26.6	103.53

STM SERIES THREE-SPINDLE SCREW PUMP PERFORMANCE DATA:

Pump Size	Speed (r/min)	Delivery Pressure (Mpa)	Viscosity (cSt)																	
			3		6		12		20		40		75		150		380		760	
			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
			(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)	(m³/h)	(kW)
280 - 46	2900	1	29.7	15.21	30.1	15.21	30.4	15.21	30.6	15.21	30.8	15.21	30.9	17.57	31.0	20.81	31.1	25.81	31.1	30.53
		2	28.5	24.55	29.3	24.55	29.7	24.55	30.1	24.55	30.4	24.55	30.6	26.91	30.8	30.15	30.9	35.15	31.0	39.87
		3	27.4	33.88	28.4	33.88	29.1	33.88	29.6	33.88	30.0	33.88	30.4	36.24	30.6	39.48	30.8	44.48	30.9	49.20
		4	26.3	43.21	27.7	43.21	28.5	43.21	29.1	43.21	29.7	43.21	30.1	45.57	30.4	48.81	30.7	53.81	30.8	58.53
		5	25.2	52.55	26.9	52.55	27.9	52.55	28.7	52.55	29.3	52.55	29.9	54.91	30.2	58.15	30.5	63.15	30.7	67.87
		6					27.3	61.88	28.2	61.88	29.0	61.88	29.7	64.24	30.1	67.48	30.4	72.48	30.6	77.20
		7					26.8	71.21	27.9	71.21	28.7	71.21	29.5	73.57	29.9	76.81	30.3	81.81	30.5	86.53
		8					26.2	80.55	27.5	80.55	28.4	80.55	29.3	82.91	29.7	86.15	30.2	91.15	30.5	95.87
		9							27.1	89.88	28.1	89.88	29.0	92.24	29.6	95.48	30.1	100.48	30.4	105.20
		10									27.8	99.21	28.8	101.57	29.4	104.81	30.0	109.81	30.3	114.63
440 - 40	2900	1	37.3	20.65	37.7	20.65	38.0	20.65	38.3	20.65	38.5	20.65	38.6	23.89	38.7	27.73	38.8	35.09	38.9	43.93
		2	35.8	32.19	36.7	32.19	37.2	32.19	37.7	32.19	38.0	32.19	38.3	35.43	38.5	39.27	38.7	46.63	38.7	55.47
		3	34.5	43.72	35.8	42.72	36.5	43.72	37.1	43.72	37.6	43.72	38.0	46.96	38.3	50.80	38.5	58.16	38.6	67.00
		4	33.3	55.25	34.9	55.25	35.8	55.25	36.6	55.25	37.2	55.25	37.7	58.49	38.1	62.33	38.4	69.69	38.5	78.53
		5	32.1	66.79	34.0	66.79	35.1	66.79	36.1	66.79	36.8	66.79	37.5	70.03	37.9	73.87	38.2	81.23	38.4	90.07
		6	30.9	78.32	33.1	78.32	34.5	78.32	35.6	78.32	36.5	78.32	37.2	81.56	37.7	85.40	38.1	92.76	38.3	101.60
		7					33.8	89.85	35.1	89.85	36.1	89.85	37.0	93.09	37.5	96.93	37.9	104.29	38.2	113.13
		8					33.2	101.39	34.6	101.39	35.8	101.39	36.7	104.63	37.3	108.47	37.8	115.83	38.1	124.67
		9					32.6	112.92	34.2	112.92	35.4	112.92	36.5	116.16	37.1	120.00	37.7	127.36	38.0	136.20
		10					32.0	124.45	33.7	124.45	35.1	124.85	36.2	127.69	36.9	131.53	37.6	138.89	37.9	147.73
440 - 46	2900	1	47.7	23.85	48.3	23.85	48.6	23.85	48.9	23.85	49.2	23.85	49.4	27.09	49.5	30.93	49.6	38.29	49.7	47.13
		2	46.0	38.59	47.0	38.59	47.7	38.59	48.2	38.59	48.6	38.59	49.0	41.83	49.2	45.67	49.4	53.03	49.5	61.87
		3	44.3	53.32	45.9	53.32	46.8	53.32	47.5	53.32	48.1	53.32	48.6	56.56	48.9	60.40	49.2	67.76	49.4	76.60
		4	42.8	68.05	44.8	68.05	45.9	68.05	46.9	68.05	47.6	68.05	48.3	71.29	48.7	75.13	49.0	82.49	49.2	91.33
		5	41.4	82.79	43.7	82.79	45.1	82.79	46.3	82.79	47.2	82.79	48.0	86.03	48.4	89.87	48.9	97.23	49.1	106.07
		6					44.3	97.52	45.7	97.52	46.7	97.52	47.6	100.76	48.2	104.60	48.7	111.96	49.0	120.80
		7					43.5	112.25	45.1	112.25	46.3	112.25	47.3	115.49	47.9	119.33	48.5	126.69	48.9	135.53
		8					42.7	126.99	44.5	126.99	45.9	126.99	47.0	130.23	47.7	134.07	48.4	141.43	48.7	150.27
		9							43.9	141.72	45.4	141.72	46.7	144.96	47.5	148.80	48.2	156.16	48.6	165.00
		10									45.0	156.45	46.4	159.69	47.3	163.53	48.1	170.89	48.5	179.73
660 - 40	2900	1	58.9	30.89	59.6	30.89	60.0	30.89	60.3	30.89	60.6	30.89	60.8	34.41	60.9	40.01	61.1	50.33	61.1	61.93
		2	57.0	48.83	58.2	48.83	58.9	48.83	59.5	48.83	60.0	48.83	60.4	52.35	60.6	57.95	60.8	68.27	61.0	79.87
		3	55.2	66.76	56.9	66.76	57.9	66.76	58.8	66.76	59.4	66.76	60.0	70.28	60.3	75.88	60.6	86.20	60.8	97.80
		4	53.5	84.69	55.7	84.69	56.9	84.69	58.0	84.69	58.9	84.69	59.6	88.21	60.0	93.81	60.4	104.13	60.6	115.73
		5	51.9	102.63	54.5	102.63	56.0	102.63	57.3	102.63	58.4	102.63	59.2	106.15	59.7	111.75	60.2	122.07	60.5	133.67
		6	50.3	120.56	53.4	120.56	55.1	120.56	56.7	120.56	57.9	120.56	58.9	124.08	59.5	129.68	60.1	140.00	60.4	151.60
		7					54.3	138.49	56.0	138.49	57.4	138.49	58.5	142.01	59.2	147.61	59.9	157.93	60.2	169.53
		8					53.4	156.43	55.4	156.43	56.9	156.43	58.2	159.95	59.0	165.55	59.7	175.87	60.1	187.47
		9					52.6	174.36	54.8	174.36	56.4	174.36	57.9	177.88	58.7	183.48	59.5	193.80	60.0	205.40
		10							54.1	192.29	56.0	192.29	57.5	195.81	58.5	201.41	59.4	211.73	59.8	223.33
660 - 46	2900	1	72.3	34.96	73.1	34.96	73.6	34.96	74.0	34.96	74.3	34.96	74.6	38.48	74.7	44.08	74.9	54.40	75.0	66.00
		2	70.0	56.96	71.4	56.96	72.3	56.96	73.0	56.96	73.6	56.96	74.1	60.48	74.3	66.08	74.6	76.40	74.8	88.00
		3	67.8	78.96	69.9	78.96	71.0	78.96	72.1	78.96	72.9	78.96	73.6	82.48	74.0	88.08	74.4	98.40	74.6	110.00
		4	65.7	100.96	68.4	100.96	69.9	100.96	71.2	100.96	72.2	100.96	73.1	104.48	73.6	110.08	74.1	120.40	74.4	132.00
		5					68.8	122.96	70.4	122.96	71.6	122.96	72.7	126.48	73.3	132.08	73.9	142.40	74.2	154.00
		6					67.7	144.96	69.6	144.96	71.0	144.96	72.2	148.48	73.0	154.08	73.8	164.40	74.1	176.00
		7					66.6	166.96	68.8	166.96	70.4	166.96	71.8	170.48	72.6	176.08	73.5	186.40	73.9	198.00
		8							68.0	188.96	69.8	188.96	71.4	192.48	72.3	198.08	73.2	208.40	73.7	220.00
		9									69.3	210.96	71.0	214.98	72.0	220.08	73.0	230.40	73.6	242.00
		10									68.7	232.96	70.6	236.98	71.7	242.08	72.8	252.40	73.4	264.00
940 - 42	2900	1	86.4	43.58	87.4	43.78	88.1	43.78	88.6	43.78	89	43.78	89.3	48.18	89.6	54.94	89.8	70.10	89.9	88.10
		2	83.3	69.88	85.2	69.88	86.3	69.88	87.3	69.88	88	69.88	88.7	74.28	89	81.04	89.4	96.20	89.6	114.20
		3	80.5	95.98	83.2	95.98	84.7	95.98	86.1	95.98	87.1	95.98	88	100.38	88.6	107.14	89.1	122.30	89.3	140.30
		4	77.8	122.08	81.2	122.08	83.2	122.08	85	122.08	86.3	122.08	87.4	126.48	88.1	133.24	88.8	148.40	89.1	166.40
		5	75.2	148.18	79.3	148.18	81.8	148.28	83.9	148.18	85.5	148.18	86.9	152.58	87.7	159.34	88.5	174.50	88.9	192.50
		6					80.3	174.28	82.8	174.28	84.7	174.28	86.3	178.68	87.2	185.44	88.2	200.60	88.6	218.60
		7					79	200.38	81.8	200.28	83.9	200.38	85.7	204.78	86.8	211.54	87.9	226.70	88.4	244.70
		8					77.6	226.48	80.8	226.48	83.2	226.58	85.2	230.88	86.4	237.64	87.6	252.80	88.2	270.80
		9							79.8	252.58	82.4	252.58	84.7	256.98	86	263.74	87.3	278.90	88	296.90
		10							78.8	278.68	81.7	278.68	84.2	283.08	85.6	289.84	87.1	305.0	87.8	323.00

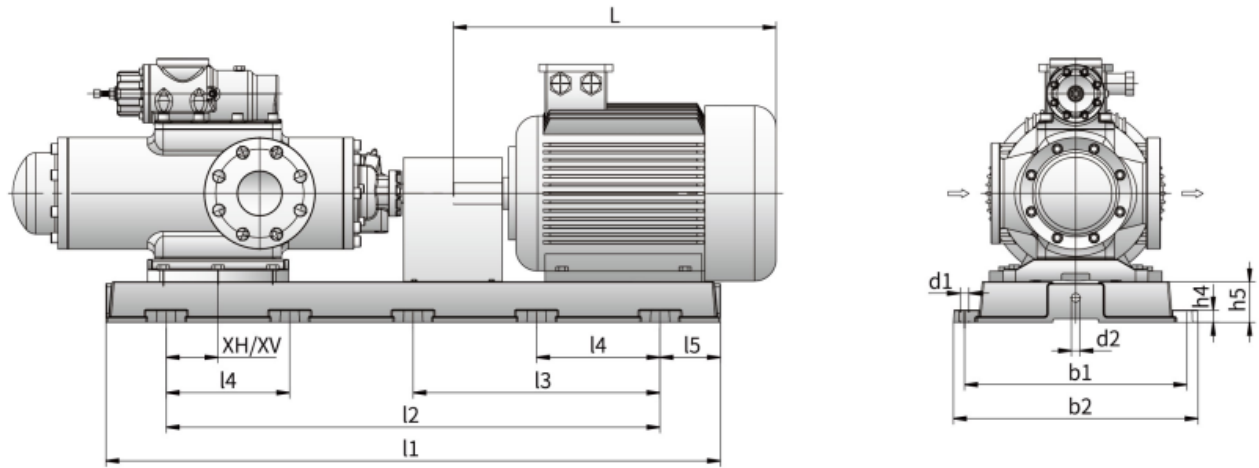
STM SERIES MOUNTING DIMENSIONS DIAGRAM:


Mounting Dimension for reference size.

Size	Pump Dimensions															Design E shaft end				Design U shaft end			
	a	b	c	e	f	g	h	i	k1	k2	k3	p	q1	q2	s	n	d2	l2	u2	n	d	i	u
40	140	180	15	190	210	110	118	215	380	464	172	-	315	250	14	293	19	30.5	6	272	19	40	6
80	140	190	18	210	225	125	140	286	461	560	278	-	431	301	18	332	24	56.5	8	331	19	55	6
120	140	190	18	210	225	140	150	325	500	613	278	-	460	360	18	352	28	54	8	351	24	60	8
210	140	190	18	210	225	155	160	355	530	716	278	-	500	380	18	372	32	53.5	10	371	28	60	8
280	205	300	30	280	350	195	190	368	610	775	413	102.5	550	400	18	450	38	65	10	436	32	70	10
440	205	300	30	280	350	200	200	435	677	876	413	102.5	640	440	18	470	42	65	12	456	38	70	10
660	205	300	30	280	350	200	215	508	750	1005	413	102.5	700	530	18	500	48	84	14	486	42	85	12
940	205	300	30	280	350	220	225	518	760	1123	413	102.5	730	500	18	520	50	79	14	506	48	90	14
1300	310	350	35	400	410	240	250	515	870	1225	528	155	790	550	23	637	55	107	16	555	50	110	14
1700	360	350	35	430	410	325	280	544	939	1406	428	360	949	669	26	675	60	140	18	675	60	140	18
2200	360	350	35	430	420	330	280	650	1010	1580	428	820	1060	760	26	680	65	140	18	680	60	140	18

Size	Suction Flange					Discharge Flange				
	DNs	A	B	N1-S1	y1	DNd	E	F	N2-S2	y2
40	32	140	100	4-Ø18	18	25	140	100	4-Ø18	24
80	65	185	145	4-Ø18	20	40	170	125	4-Ø23	26
120	65	185	145	4-Ø18	20	50	195	145	4-Ø27	28
210	80	200	160	8-Ø18	22	65	220	170	8-Ø27	30
280	100	220	180	8-Ø18	24	80	230	180	8-Ø27	32
440	125	250	210	8-Ø18	26	100	265	210	8-Ø30	36
660	125	250	210	8-Ø18	26	100	265	210	8-Ø30	36
940	150	285	240	8-Ø18	26	125	315	250	8-Ø33	40
1300	150	285	240	8-Ø18	26	125	315	250	8-Ø33	40
1700	200	340	295	12-Ø22	24	150	355	290	12-Ø33	44
2200	200	340	295	12-Ø22	24	150	300	250	12-Ø33	44

STM SERIES BASEPLATE DIMENSIONS DIAGRAM



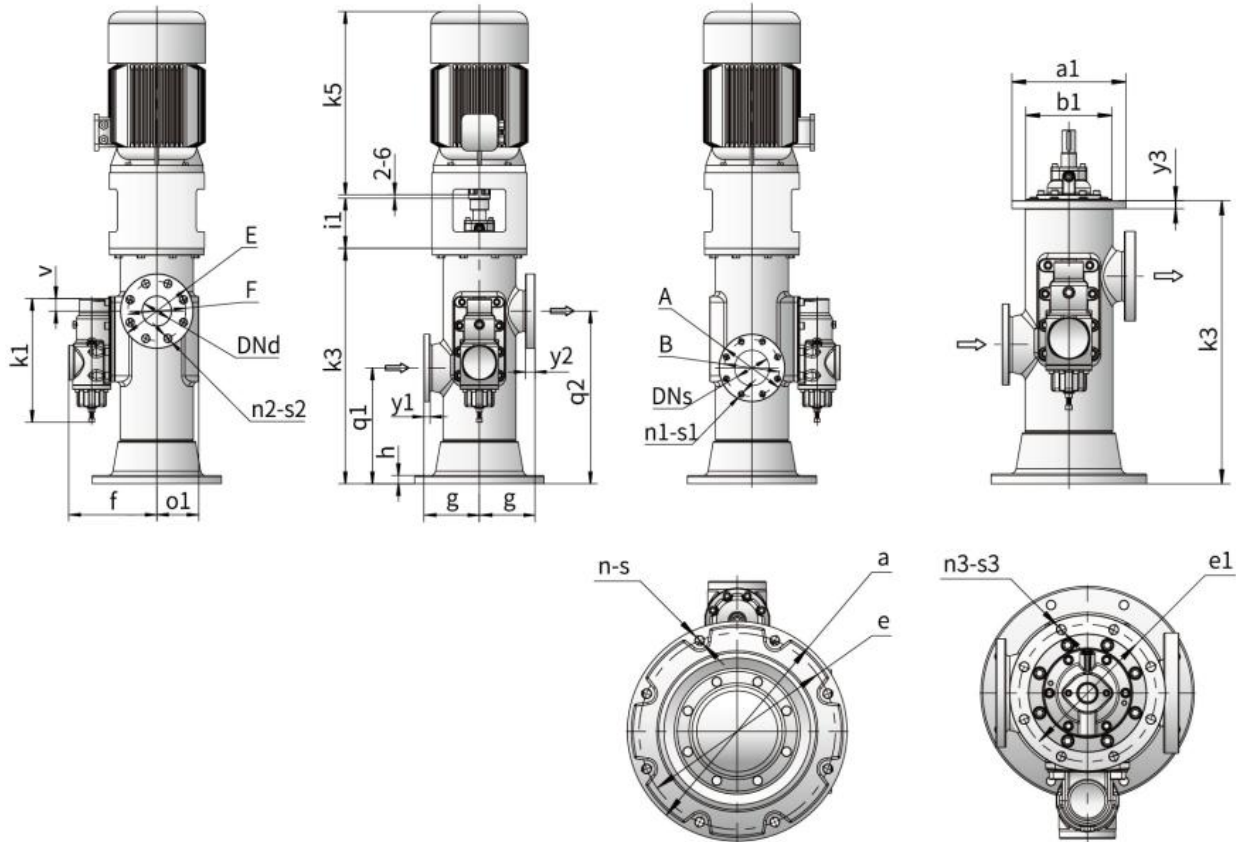
MOUNTING DIMENSIONS FOR REFERENCE SIZE:

Baseplate Size	Baseplate Dimensions										
	b1	b2	d1	d2	h4	h5	l1	l2	l3	l	l5
2	265	305	15	G1/4"	25	40	515	315	---	---	100
3	300	340	15	G3/8"	30	45	575	355	---	---	110
4	300	340	15	G3/8"	30	45	645	400	---	---	122
5	335	379	19	G3/8"	30	50	725	500	---	---	112
6	375	419	20	G3/8"	35	50	825	560	---	---	132
7.1	320	380	20	M14X1.5	35	73	940	630	---	---	155
8.1	400	460	25	M18X1.5	35	75	980	630	---	---	195
9.1	445	505	25	M18X1.6	35	87	1090	710	---	---	215
10.1	470	530	25	M18X1.7	35	87	1190	900	450	---	160
11.1	520	580	25	M18X1.8	35	90	1390	1190	595	---	120
12.1	575	635	25	M18X1.9	35	115	1570	1340	---	440	140
12.3	645	705	25	M18X1.10	35	115	1570	1340	---	440	140
13.1	575	635	25	M18X1.11	35	115	1720	1540	---	500	90
14.1	675	755	25	M18X1.12	35	115	1720	1540	---	500	90
16.3	675	736	18.5	M18X1.13	26	115	1920	1740	---	500	90
17.1	675	736	18.5	M18X1.14	26	120	2120	1940	---	650	90
19.1	812	882	27	G3/4"	14	115	2500	2420	---	806	40

STM SERIES MOTOR AND BASE MATCHING TABLE:

Motor Size	90S	90L	100L	112M	132S	132M	160M	160L	180M									
Approx	285	310/315	380	400	475	515	600	645	670									
Kw at 750 r/min	2.2	3	4/5.5	7.5/11	----													
Kw at 1000 r/min	0.75/1.1	1.5	2.2	3	4/5.5	7.5	11	---										
Kw at 1500 r/min	0.55/0.75	1.1/1.5	2.2/3	4	5.5	7.5	11	15	18.5									
Kw at 3000 r/min	0.75/1.1	1.5/2.2	3	4	5.5/7.5	---	15-Nov	18.5	22									
Pump Size	The required base specification and flang relative to the base bolt position																	
	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr
STMH40	15V	4	25V	5	25V	5	25V	5	10V	6	10V	6	5V	8.1	20V	9.1		
STMH80					30V	7.1	30V	7.1	30V	7.1	30V	7.1	20V	9.1	20V	9.1	25V	9.1
STMH120							10H	7.1	10H	8.1	10H	8.1	20H	9.1	40V	10.1	40V	10.1
STMH210							5H	7.1	5H	8.1	10H	9.1	30V	10.1	30V	10.1	30V	10.1
STMH280													80V	10.1	80V	10.1	200V	11.1
STMH440													190V	11.1	190V	10.1	190V	11.1
STMH660																	200V	12.1
STMH940																	230V	12.1
STMH1300																		
STMH1700																		
STMH2200																		

Motor Size	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L											
Approx	710	775	820	815/845	930	1000	1050	1240/1370	1370/1410	1560/1450											
Kw at 750 r/min	11	15	18.5	20	30	37	45	55	75/90/110												
Kw at 1000 r/min	15	18.5/22	---	30	37	45	55	75	90/110/132												
Kw at 1500 r/min	22	30	37	45	55	75	90	110	132/160	185/200											
Kw at 3000 r/min	30/37	---	45	55	75	90	110	132/160	185/200												
Pump Size	Required Baseplate size and dimensions XH/XV																				
	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	XH/XV	Gr	
STMH40																					
STMH80	100V	10.1																			
STMH120	20V	10.1	50V	10.1																	
STMH210	30V	10.1	140V	11.1	120V	11.1	120V	11.1													
STMH280	180V	11.1	150V	11.1	140V	11.1	240V	11.1	225V	12.1	130V	12.3	230V	14.1							
STMH440	170V	11.1	220V	12.1	200V	12.1	200V	12.1	255V	12.1	220V	14.1	220V	14.1							
STMH660	180V	12.1	160V	12.1	140V	12.1	130V	12.1	200V	13.1	170V	14.1	140V	14.1	265V	16.3					
STMH940	210V	12.1	190V	12.1	180V	12.1	270V	13.1	240V	13.1	210V	14.1	180V	14.1	300V	16.3	275V	16.3			
STMH1300			300V	13.1	280V	13.1	270V	13.1	240V	13.1	365V	16.3	340V	16.3	305V	16.3	280V	16.3			
STMH1700															320V	17.1	295V	17.1	270V	17.1	
STMH2200									276V	16.3	238V	16.3	222V	16.3	279	17.1	253V	17.1	228	17.1	

STM SERIES MOUNTING DIMENSIONS DIAGRAM:

MOUNTING DIMENSIONS FOR REFERENCE SIZE:

Pump Size	Foot mounting flange				Flange driving size					Pump dimensions									
	a	h	e	n-s	a1	b1	e1	y3	n3-s3	f	g	i1	k1	k3	q1	q2	o1	r	v
STMS40	250	22	220	4-Ø14	230	155	190	14	4-Ø18	154	110	136	172	350	171	236	86.5	130	45
STMS80	280	23	240	6-Ø18	260	185	220	15	4-Ø18	191	125	166	278	422	157	287	108	156	25
STMS120	320	25	280	6-Ø18	290	205	250	18	4-Ø18	201	140	177	278	455	172	272	118	185	45
STMS210	340	25	300	6-Ø18	290	205	250	20	4-Ø18	211	155	185	278	534.5	218	338.5	128	205	35
STMS280	400	30	360	8-Ø18	360	250	310	25	4-Ø27	246	195	202	413	683	335.5	485.5	144	220	72
STMS440	420	35	380	8-Ø18	360	250	310	30	4-Ø27	256	200	209	413	741	310	510	154	245	45
STMS660	480	35	440	8-Ø18	380	270	320	33	4-Ø27	271	200	239	413	805	345	515	161	270	62
STMS940	510	40	460	8-Ø18	400	290	350	28	8-Ø23	281	220	250	413	912	432	662	179	294	22
STMS1300	560	35	500	8-Ø23	480	350	420	28	8-Ø23	305	240	284	528	983	477	717	212	316	62

Pump Size	Suction flange					Discharge flange				
	A	B	DNs	n1-s1	y1	E	F	DNd	n2-s2	y2
STMS40	140	100	32	4-Ø18	18	140	100	25	4-Ø18	24
STMS80	185	145	65	4-Ø18	20	170	125	40	4-Ø23	26
STMS120	185	145	65	4-Ø18	20	195	145	50	4-Ø27	28
STMS210	200	160	80	8-Ø18	22	220	170	65	8-Ø27	30
STMS280	220	180	100	8-Ø18	24	230	180	80	8-Ø27	32
STMS440	250	210	125	8-Ø18	26	265	210	100	8-Ø30	36
STMS660	250	210	125	8-Ø18	26	265	210	100	8-Ø30	36
STMS940	285	240	150	8-Ø23	26	315	250	125	8-Ø33	40
STMS1300	285	240	150	8-Ø23	26	315	250	125	8-Ø33	40

Motor Size	71	80	90S	90L	100L	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
K5~	240	275	305	330	365	380	445	485	600	645	650	690	735	810	835	940	1000	1050	1140	1200

MODEL SELECTION:

MODEL SELECTION TABLE									
STM	*	*	*	*	*	*	*	*	
SIZE	40		Follow and select the model as per required specifications from the given data table of each type of pump						
	80								
	120								
	210								
	280								
	440								
	660								
	940								
	1300								
	1700								
	2200								
ROTATION	R		(CW) Clockwise						
	L		(CCW) Counter Clockwise						
PITCH ANGLE	36		36 Degree						
	38		38 Degree						
	40		40 Degree						
	42		41 Degree						
	43		42 Degree						
	46		46 Degree						
INSTALLATIONS	H								
	F								
	S								
	E								
BEARING & SEAL TYPE	1		(U2)Double row ball bearing, packing seal, high viscosity, Temp-150C						
	2		(u12.1) Internal ball bearing, Mechanical seal, Medium viscosity, Temp-80C						
	3		(k2) External bearing, packing seal, High Viscosity, Temp-150C						
	4		(E6.7) External ball bearing, packing Seal, Low viscosity, Temp-150C						
	5		(E15) External ball bearing, packing Seal, Low viscosity, Temp-200C						
CASING	X		Standard without heating jacket						
	Y		With heating jacket						
MATERIAL CODE	W3		Casing-QT450 Moduler CI, Insert-ZL-109 Cast AL						
	W23		Casing-QT450, Insert-ZCuSn5Pb5Zn5 (Special Bronze)						
	W27		Casing-ZG35 Moduler CI, Insert-ZL109 cast AL						
	W28		Casing-ZG35 Moduler CI, Insert-ZCuSn5Pb5Zn5 (Special Bronze)						
	W29		Casing-20-Weldmet, Insert-ZCuSn5Pb5Zn5 (Model:5300 only)						
DRIVE	S		Direct Coupled						
	E		Geared Reducer						

Contact Us

Business Hours

📞 Weekdays: 8.30AM to 5.30PM
Weekends: Closed

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