

PRODUCT SPECIFICATIONS

MODEL: STG

TRI-SPINDLE SCREW PUMP

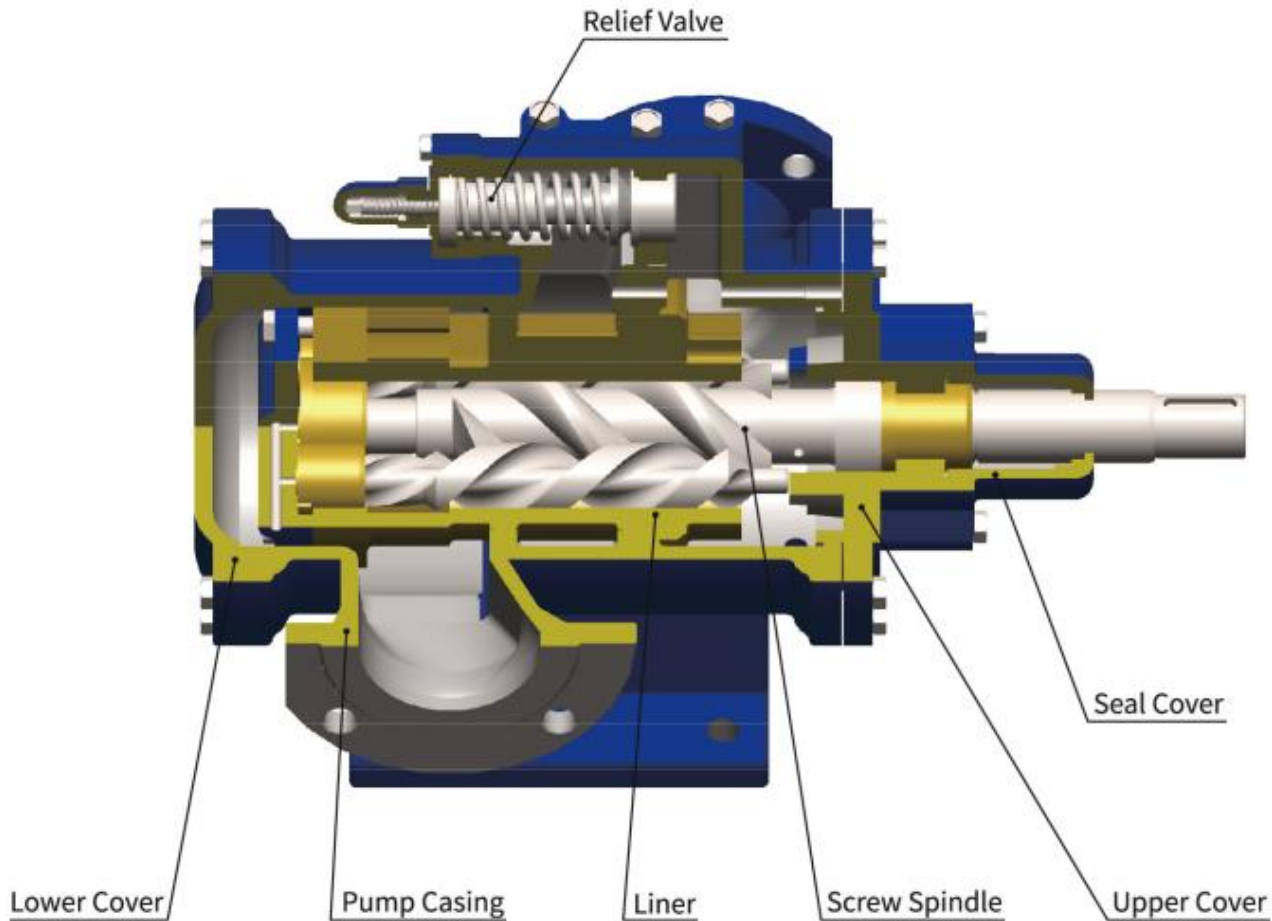


OVERVIEW

- STG type three-spindle screw pumps include general design type STG, marine usage pump STGC and three screw pumps of special design.
- The three-spindle screw pump is a positive displacement rotary pump. Inside the pump casing, as the flanks of teeth of drive screw and idler screw are engaged and the screws are also matched with the three inset holes, several sealed moving chambers are there by formed in between the pump inlet and outlet end. These closed chambers will take the medium inside to move from the inlet end axially and let flow pressurized progressively, to have a continuous, constant, axial flow pressurized liquid.

PERFORMANCE RANGE

- The three-spindle screw pumps are suitable for pumping various kinds of noncorrosive oil without contents of solid grains and liquids similar to lubricating oils. The viscosity of mediums to be conveyed range from 1.2 to 100 °E (3.0 to 760 cSt), liquid with a higher viscosity could also be pumped after heating up to lowering down the viscosity.
- The flow range is 0.2 ~ 590 m³/h, and the maximum working pressure is 63 bar. The highest temperature is 150 °C.



CONSTRUCTION

1. Simple in construction: The pump has quite a few construction forms. General for small flow range 0.2 - 6.5 m³/h, pump casing and insert is made in one part. Mechanical seal or packing seal is used as the pump shaft seal. Pumps of middle and big flow range have a separate insert to be fixed inside the pump casing. Big pumps are mostly of a double - suction design for horizontal installation. For different medium to be pumped mechanical seals or packing seals could be supplied. For marine application pumps, installation forms could be horizontal and vertical, with marine AC and DC drivers.
2. Long life time: As the drive screw is driven by motor and there is no mechanical contact between the drive screw and the idler screws; the idler screw is hydraulically driven by the pressurized liquid; between the drive screw and idler screw, screws set and insert an oil film is formed, so the mechanical friction is minimized and a longer life is ensured.
3. The medium to be pumped is in a manner of constant axial flow movement, so the pressure pulsation is almost eliminated, meanwhile the noise is lowered; and as the moving parts have a very little inertia, the starting torque and vibration silvery little.
4. Pump have a very high suction capability.
5. In order to ensure the safe working of pump, motor, piping system, pumps for a capacity higher than middle flow range are all equipped with safety valves. when working pressure is exceeding the setting pressure of valves, pressurized oil will circulate back to suction chamber.

SYSTEM CODE

Series	Figure	Construction form	Main application	Specifications	
				Capacity (m ³ h)	Max Pressure (bar)
For Lub. Oil	STG	Single Suction Horizontal Installation	Lub. Oil or Lub. Liquid Viscosity 20~150cSt	0.3-94	60
	STGG	Double Suction Horizontal Installation		80-590	16
	STGCS	Single Suction hanging Installation		10-96	8
	STGCL	Single Suction Vertical Pedestal		4-96	8
	STGCLS	Double Suction Vertical Pedestal		88-306	8
For Fuel Oil	STGR	Single Suction Horizontal Installation	Light Oil or Heavy Oil Viscosity 3~365cSt	0.3-94	60
	STGCR	Double Suction Horizontal Installation		80-590	25
	GSr STGCSr	Double Suction Horizontal Installation		80-590	16
For High Visc. Fuel Oil	STGN	Single Suction Horizontal Installation	High Vics. Fuel Oil Viscosity 365~760cSt	1.0-40	25

MATERIAL CODE

Material Code	Casing	Insert	Using Range
W0	HT200 Cast Iron	HT200 Cast Iron	Used to pump the medium such as fuel oil with less lubricity and suitable viscosity at lower pressure.
W1	HT200 Cast Iron	Special Moduler Cast Iron	Used to pump the medium such as fuel oil with less lubricity and suitable viscosity at lower pressure.
W2	HT200 Cast Iron	ZL 109 Cast AL	Used to pump the medium such as lubricant oil with better less lubricity and suitable viscosity at lower pressure.
W3	QT450-10 noduler Cast Iron	ZL 109 Cast AL	Used in particuler case (such as marine pump) to ump the medium such as lubricant oil with better lubricity and suitable viscosity at lower pressure.
W4	QT450-10 noduler Cast Iron	Special Moduler Cast Iron	Used in particuler case (such as marine pump) to ump the medium such as fuel oil with less lubricity and suitable viscosity at lower pressure.
W21	HT200 Cast Iron	ZCuSn5Pb5Zn5 Special Bronze	Used to pump the medium with less lubricity and lower viscosity, such as heavy oil and fuel oil at higher pressure.
W23	QT450-10 noduler Cast Iron	ZCuSn5Pb5Zn5 Special Bronze	Used in particuler case (such as marine pump) to ump the medium such as lubrication with less lubricity and lower viscosity, such as heavy oil and fuel oil at higher pressure.

STG THREE-SPINDLE SCREW PUMP PERFORMANCE DATA

Pump Size		Capacity		Pressure (bar)	Speed (r/min)	Power (KW)		Allowable Suction Lift (m)	Suction (mm)	Discharge (mm)	Pump Weight (Kg)	Motor Type & Size			
		m3/h	L/min			Input Power	Motor Power								
STG STGC STGr STGCr (75cSt)	20X4	1.0	16.6	10	2900	0.68	0.75	6	20	15	8	801-2B3			
		0.8	13.3	25		1.1	1.50					90S-2B3			
		0.4	6.6	10	1450	0.3	0.55	6.5				801-4B3			
		0.3	5.0	25		0.5	0.75					802-4B3			
	20X6	0.8	13.3	40	2900	1.7	2.20	6	20	15	9	90L-2B3			
		0.6	10.0	60		2.7	3.00					100L-2B3			
		0.3	5.0	40	1450	0.8	1.10	6.5				90S-4B3			
		0.2	3.3	60		1.35	1.50					90L-4B3			
	25X4	2.0	33.0	10	2900	1.1	1.50	6	25	20	9	90S-2B2			
		1.6	26.0	25		2.2	3.00					100L-2B3			
		0.8	13.0	10	1450	0.5	0.75	6.5				802-4B3			
		0.6	10.0	25		1.1	1.50					90L-4B3			
	25X6	1.6	26.0	40	2900	3.4	4.00	6	25	20	11	112M-2B3			
		1.4	23.0	60		5	5.50					132S1-2B3			
		0.6	10.0	40	1450	1.6	2.20	6.5				100L1-4B3			
		0.4	6.6	60		2.5	3.00					100L2-4B3			
	30X4	3.6	60.0	10	2900	1.9	2.20	5.5	32	25	15	90L-2B3			
		3.2	53.0	25		3.8	4.00					112M-2B3			
		1.6	26.0	10	1450	0.9	1.50	6				90L-4B3			
		1.2	20.0	25		1.9	2.20					100L1-4B3			
	30X6	3.2	53.0	40	2900	5.8	7.50	5.5	32	25	19	132S2-2B3			
		2.8	46.0	60		9.3	11.00					160M1-2B3			
		1.2	20.0	40	1450	2.7	4.00	6				112M-4B3			
		0.8	13.0	60		4.6	5.50					132S-4B3			
	36X4	6.5	108.0	10	2900	3.2	4.00	5	50	40	21	112M-2B3			
		6.0	100.0	25		6.2	7.50					132S2-2B3			
		2.8	46.0	10	1450	1.6	2.20	5.5				100L1-4B3			
		2.4	40.0	25		3.1	4.00					112M-4B3			
STGr STGCr (3cSt)	20X4	0.8	13.3	10	2900	0.6	0.75	4	20	15	8	801-2B3			
		0.3	5.0	10	1450	0.2	0.55					801-4B3			
	20X6	0.6	10.0	25	2900	1.1	1.50	4	20	15	9	90S-2B3			
		0.2	3.3	25	1450	0.4	0.75					802-4B3			
	25X4	1.6	26.0	10	2900	1.1	1.50	4	25	20	9	90S-2B3			
		0.6	10.0	10	1450	0.5	0.75					802-4B3			
	25X6	1.4	23.0	25	2900	2.2	3.00	4	25	20	11	100L1-2B3			
		0.4	6.6	25	1450	1.1	1.50					90L-4B3			
	30X4	3.2	53.0	10	2900	2	2.20	4	32	25	15	90L-2B3			
		1.2	20.0	10	1450	0.9	1.50					90L-4B3			
	30X6	2.8	46.0	25	2900	3.8	5.50	4	32	25	19	132S1-2B3			
		0.8	13.0	25	1450	1.7	2.20					100L1-4B3			
36X4	6.0	100.0	10	2900	3.2	4.00	4	50	40	21	112M-2B3				
	2.4	40.0	10	1450	1.6	2.20					100L1-4B3				
STG STGC STGr STGCr (75cSt)	36X6A	6.0	100.0	40	2900	10	15.00	5	50	40	25	160M-2B3			
		5.0	83.0	60		15.5	18.50					160L-2B3			
		2.4	40.0	40	1450	4.8	5.50	5.5				132S-4B3			
		2.0	33.0	60		7.7	11.00					160M-4B3			
	42X4A	10.5	175.0	10	2900	4.9	5.50	4.5	65	40	60	132S-2B3			
		10.0	166.0	25		9.5	15.00					160M2-2B3			
		4.8	80.0	10	1450	2.4	4.00	5				112M-4B3			
		4.2	70.0	25		4.7	5.50					132S-4B3			
	42X6A	10.0	166.0	40	2900	16	18.50	4.5	65	40	70	160L-2B3			
		9.0	150.0	60		21.5	30.00					200L1-2B3			
		4.2	70.0	40	1450	7.5	11.00	5				160M-4B3			
		3.6	60.0	60		10	15.00					160L-4B3			

STG THREE-SPINDLE SCREW PUMP PERFORMANCE DATA

Pump Size		Capacity		Pressure (bar)	Speed (r/min)	Power (KW)		Allowable Suction Lift (m)	Suction (mm)	Discharge (mm)	Pump Weight (Kg)	Motor Type & Size			
		m3/h	L/min			Input Power	Motor Power								
STGr STGCr (3cSt)	36X6A	5.0	83	25	2900	6.2	7.5	4.0	50	40	25	132S2-2B3			
		2.0	33	25	1450	3.1	4.0					112M-4B3			
	42X4A	10.0	166	10	2900	4.5	5.5	4.0	65	40	60	132S2-2B3			
		42.0	70	10	1450	2.4	4.0					112M-4B3			
	42X6A	9.0	150	25	2900	10.5	15.0	4.0	65	40	70	160M2-2B3			
		3.6	60	25	1450	4.8	5.5					132S2-4B3			
STG STGC STGr STGCr (75cSt)	50X2	17.5	291	6	2900	5.2	5.5	4.5	80	50	80	132S1-2B3			
		16.0	266	10		8.1	11.0					160M1-2B3			
		8.2	136	6	1450	2.6	3.0	5.0				100L2-4B3			
		7.5	125	10		4.0	5.5					132S-4B3			
	50X4A	17.5	291	16	1450	11.6	15.0	4.5	80	50	90	160M-2B3			
		16.0	266	25		16.5	18.5					160L-2B3			
		8.2	136	16	2900	5.8	7.5	5.0				132M-4B3			
		7.5	125	25		8.2	11.0					160M-4B3			
	70X2	24.0	400	6	1450	7.0	11.0	4.5	100	65	105	160M-4B3			
		23.0	383	10		9.8	15.0					160M-4B3			
		15.0	250	6	2900	4.8	5.5	5.0				132M2-6B3			
		14.0	233	10		6.5	7.5					160M-6B3			
	70X4	24.0	400	16	1450	14.0	18.5	4.5	100	65	120	180M-4B3			
		22.0	366	25		20.5	22.0					180L-4B3			
		15.0	250	16	1450	7.5	11.0	5.0				160L-6B3			
		14.0	233	25		13.5	18.5					200L1-6B3			
STGr STGCr (3cSt)	50X2	16.0	266	4	970	3.3	5.5	4.0	80	50	80	132S1-2B3			
		7.5	125	4	1450	1.7	2.2					100L1-4B3			
	50X4A	16.0	266	10	970	8.1	11.0	4.0	80	50	90	160M1-2B3			
		7.5	125	10	2900	4.0	7.5					132M-4B3			
	70X2	22.0	366	4	1450	5.0	7.5	4.0	100	65	105	132M-4B3			
		13.0	216	4	2900	3.5	4.0					132M1-6B3			
	70X4	22.0	336	10	1450	9.5	15.0	4.0	100	65	120	160L-4B3			
		13.0	216	10	1450	6.5	11.0					160L-6B3			
STG STGR (75cSt)	70X3	22.0	365	10	970	13.8	15.0	4.0	80	50	120	Y160L-4B3			
		22.0	365	16		16.7	18.5					Y180M-4B3			
		22.0	365	25		20.5	22.0					Y180L-4B3			
STG STGC STGr STGCr (75cSt)	85X2	43.0	716	6	1450	12.5	15.0	4.5	125	80	158	160L-4B3			
		40.0	666	10		18.0	22.0					180L-4B3			
		28.0	466	6	970	8.5	11.0	5.0				160L-6B3			
		25.0	416	10		10.0	15.0					180L-6B3			
	85X4	43.0	716	16	1450	25.0	30.0	4.5	125	80	178	200L1-4B3			
		40.0	666	25		36.0	45.0					225M-4B3			
		28.0	466	16	1450	19.5	22.0	5.0				200L2-6B3			
		25.0	416	25		25.4	30.0					225M-6B3			
	100X2	70.0	1166	6	970	20.0	22.0	4.0	150	100	200	180L-4B3			
		68.0	1133	10		27.7	30.0					200L-4B3			
		45.0	750	6	1450	13.8	15.0	4.5				180L-6B3			
		43.0	716	10		18.2	22.0					200L2-6B3			
	100X4	70.0	1166	16	970	40.0	55.0	4.0	150	100	290	250M-4B3			
		68.0	1133	25		60.0	75.0					280S-4B3			
		45.0	750	16	1450	29.5	37.0	4.5				250M-6B3			
		43.0	716	25		39.0	45.0					280S-6B3			
	110X2	94.0	1566	6	970	23.0	30.0	4.0	200	150	225	200L-4B3			
		90.0	1500	10		34.0	45.0					225M-4B3			
		60.0	1000	6	1450	17.3	18.5	4.5				200L-6B3			
		56.0	933	10		27.7	30.0					225M-6B3			
	110X4	94.0	1566	16	970	53.00	75.0	4.0	200	150	325	280S-4B3			
		90.0	1500	25		80.0	90.0					280M-4B3			
		60.0	1000	16	1450	36.0	45.0	4.5				280M-6B3			
		56.0	933	25		48.0	55.0					280M-6B3			

STG THREE-SPINDLE SCREW PUMP PERFORMANCE DATA

Pump Size		Capacity		Pressure (bar)	Speed (r/min)	Power (KW)		Allowable Suction Lift (m)	Suction (mm)	Discharge (mm)	Pump Weight (Kg)	Motor Type & Size
		m ³ /h	L/min			Input Power	Motor Power					
STGr STGCr (3cSt)	85X2	40	666	4	1450	8.0	15.0	4.0	125	80	158	160L-4B3
		25	416	4	970	4.2	11.0					160L-6B3
	85X4	40	666	10	1450	20.0	22.0	4.0	125	80	178	180L-4B3
		25	416	10	970	10.3	15.0					180L-6B3
	100X2	68	1133	4	1450	12.7	22.0	4.0	150	100	200	180L-4B3
		42	700	4	970	7.5	15.0					180L-6B3
	100X4	68	1133	10	1450	28.0	30.0	4.0	150	100	290	200L-4B3
		42	700	10	970	20.0	22.0					200L2-6B3
	110X2	90	1500	4	1450	20.0	30.0	4.0	200	150	225	200L-4B3
		56	933	4	970	13.9	18.5					200L1-6B3
	110X4	90	1500	10	1450	34.0	45.0	4.0	200	150	325	225M-4B3
		56	933	10	970	23.0	30.0					225M-6B3
STGS STGCS STGSr STGCSr (75cSt)	100X2	146	2433	6	1450	35.0	45.0	4.0	250	150	420	225M-4B3
		140	2333	10		50.0	55.0					250M-4B3
		132	2200	16		80.0	90.0					280M-4B3
		90	1500	6	970	26.0	30.0					225M-6B3
		86	1433	10		32.5	37.0					225M-6B3
		80	1333	16		43.0	55.0					280M-6B3
	110X2	196	3266	6	1450	46.0	55.0	4.0	250	200	450	250M-4B3
		190	3166	10		66.0	75.0					280S-4B3
		182	3033	16		98.0	110.0					315S-4B3
		124	2066	6	970	32.0	37.0					250M-6B3
		118	1966	10		48.0	55.0					280M-6B3
		110	1833	16		65.0	75.0					315S-6B3
	160DX3	300	5000	6	1450	68.0	75.0	4.0	300	200	520	280S-4B3
		292	4866	10		102.0	110.0					315S-4B3
		280	4662	16		160.0	200.0					355S2-4B3
		194	3230	6	970	48.0	55.0					280M-6B3
		186	3096	10		66.0	75.0					315S-6B3
		180	2997	16		98.0	110.0					315L1-6B3
	160DR36	412	6866	6	1450	94.0	110.0	4.0	300	200	520	315S-4B3
		400	6666	10		140.0	160.0					315M2-4B3
		385	6416	16		220.0	250.0					355S4-4B3
		266	4433	6	970	66.0	75.0					315S-6B3
		255	4250	10		90.0	110.0					315M2-6B3
		246	4100	16		135.0	185.0					355S3-6B3
	200DX3	590	9823	6	1450	135.0	160.0	4.0	450	300	650	315L1-4B3
		570	9490	10		200.0	250.0					355S4-4B3
		550	9157	16		320.0	355.0					400M1-4B3
		380	6327	6	970	90.0	110.0					315M2-6B3
		370	6160	10		135.0	160.0					355S2-6B3
		360	5994	16		215.0	250.0					355S3-6B3
	200DR36	826	13766	6	1450	189.0	220.0	4.0	450	300	650	355S3-4B3
		798	13300	10		280.0	315.0					355L-4B3
		770	12833	16		448.0	500.0					400L1-4B3
		532	8866	6	970	126.0	185.0					355S3-6B3
		518	8633	10		189.0	220.0					355m-6B3
		504	8400	16		300.0	315.0					400M2-6B

STG THREE-SPINDLE SCREW PUMP PERFORMANCE DATA

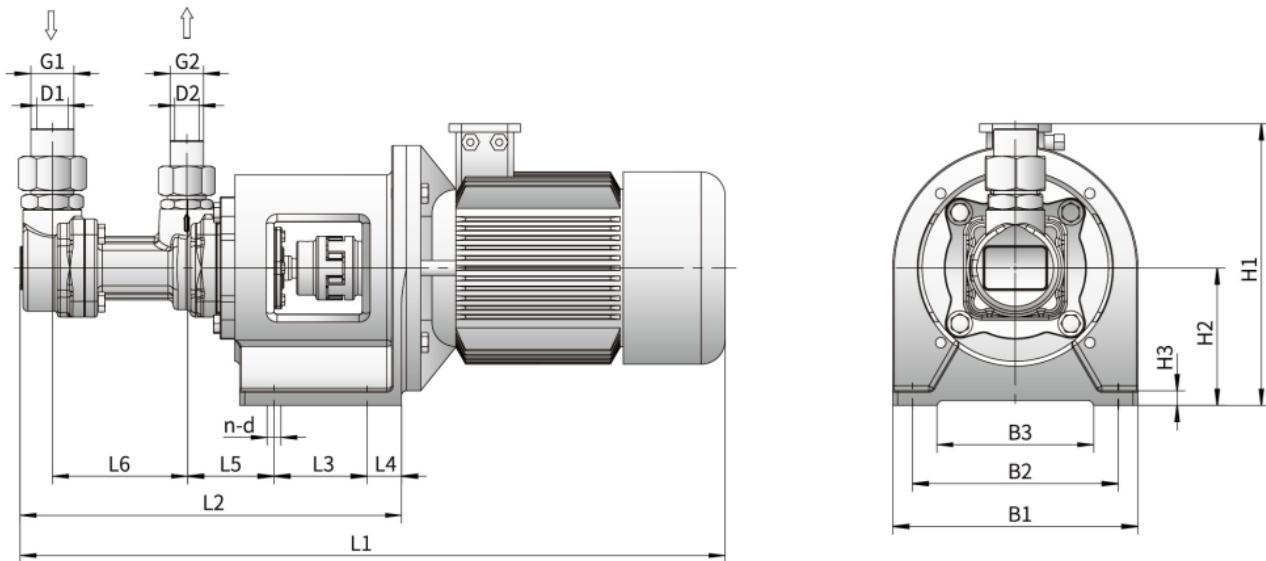
Pump Size		Capacity		Pressure (bar)	Speed (r/min)	Power (KW)		Allowable Suction Lift (m)	Suction (mm)	Discharge (mm)	Pump Weight (Kg)	Motor Type & Size
		m ³ /h	L/min			Input Power	Motor Power					
STGCG (75cSt)	50X2	18.0	300	4	2900	3.6	4.0	4.5	80	50	95	YH112M-2V1Z2C-32
		17.5	290	6		5.2	5.5					YH132S1-2V1Z2C-41
		16.0	265	8		7.2	7.5					YH132S-2V1Z2C-42
		10.0	165	5	2100	3.2	5.0	4.5	100	65	135	Z2C-51D2L
	70X2	25.0	415	4	1450	5.0	5.5					YH132S-4V1Z2C-51
		24.0	410	6		7.0	11.0					YH160-4V1Z2C-52
		23.5	400	8		9.0	11.0					YH1160M-4V1
	85X2	44.0	730	4	1450	9.5	11.0	4.5	125	80	178	YH160M-4V1Z2C-52
		43.0	715	6		12.5	15.0					YH160L-4V1Z2C-62
		41.0	680	8		15.0	18.5					YH180M-4V1Z2C-71
	100X2	72.0	1200	4	1450	16.0	18.5	4.0	150	100	198	YH180M-4V1Z2C-71
		70.0	1165	6		20.0	22.0					YH132S-4V1Z2C-58
		69.0	1150	8		24.0	30.0					YH132S-4V1Z2C-59
	110X2	96.0	1600	4	1450	17.0	22.0	4.0	200	150	230	YH132S-4V1Z2C-60
		94.0	1565	6		23.0	30.0					YH132S-4V1Z2C-61
		92.0	1530	8		29.0	37.0					YH132S-4V1Z2C-62
STGCL (75cSt)	50X2	18.0	300	4	2900	3.6	4.0	4.5	80	50	147	112M-2V1
		17.5	290	6		5.2	5.5					132S1-2V1
		16.0	265	8		7.2	7.5					132S2-2V1
		9.0	150	4	1450	1.9	2.2					100L1-4V1
		8.2	135	6		2.6	3.0					100L2-4V1
		7.5	125	8		3.6	4.0					112M-4V1
	70X2	25.0	415	4	1450	5.0	5.5	4.5	100	65	180	132S-4V1
		24.5	405	6		7.0	11.0					160M-4V1
		24.0	400	8		9.0	11.0					160M-4V1
		16.0	265	4	970	3.3	4.0					132M1-6V1
		15.0	250	6		4.8	5.5					132M2-6V1
		14.0	230	8		5.9	7.5					160M-6V1
	85X2	44.0	730	4	1450	9.5	11.0	4.5	125	80	265	160M-4V1
		43.0	715	6		12.5	15.0					160L-4V1
		41.0	680	8		15.0	18.5					180M-4V1
		30.0	500	4	970	6.7	7.5					160M-6V1
		28.0	465	6		8.0	11.0					160L-6V1
		26.0	430	8		10.0	15.0					180L-6V1
	100X2	72.0	1198	4	1450	16.0	18.5	4.0	150	100	320	180M-4V1
		70.0	1165	6		20.0	22.0					180L-4V1
		69.0	1150	8		25.0	30.0					200L-4V1
		47.0	780	4	970	9.6	11.0					160L-6V1
		45.0	750	6		13.5	15.0					168L-6V1
		43.0	715	8		16.4	18.5					200L1-6V1
	110X2	96.0	1560	4	1450	17.0	22.0	4.0	200	150	352	180L-4V1
		94.0	1565	6		23.0	30.0					200L-4V1
		92.0	1530	8		29.0	37.0					225S-4V1
		63.0	1050	4	970	12.8	15.0					180L-6V1
		60.0	1000	6		16.7	18.5					200L1-6V1
		56.0	930	8		18.5	22.0					200L2-6V1

STG THREE-SPINDLE SCREW PUMP PERFORMANCE DATA

Pump Size		Capacity		Pressure (bar)	Speed (r/min)	Power (KW)		Allowable Suction Lift (m)	Suction (mm)	Discharge (mm)	Pump Weight (Kg)	Motor Type & Size
		m3/h	L/min			Input Power	Motor Power					
STGCLS (75cSt)	100X2	150	2495	4	1450	30.0	37	4.0	250	150	577	225S-4V1
		146	2430	6		35.0	55					250M-4V1
		142	2360	8		39.0	55					250M-4V1
		94	1565	4	970	22.0	30					225M-6V1
		90	1500	6		26.0	30					250M-6V1
		88	1465	8		33.0	37					250M-6V1
	110X2	200	3330	4	1450	30.0	37	4.0	250	200	610	225S-4V1
		196	3260	6		46.0	55					250M-4V1
		192	3195	8		61.0	75					280S-4V1
		128	2130	4	970	23.0	30					225M-6V1
		124	2060	6		34.8	37					250M-6V1
		120	2000	8		38.9	45					280S-6V1
	160DX3	306	5090	4	1450	45.0	55	4.0	300	200	705	250M-4V1
		300	4995	6		68.0	75					280S-4V1
		295	4910	8		89.0	110					315S-4V1
		200	3330	4	970	33.0	37					250M-6V1
		194	3230	6		48.0	55					280M-6V1
		188	3130	8		62.0	75					315S-6V1
	160DR36	420	7000	4	1450	62.0	75	4.0	300	200	705	280S-4V1
		412	6866	6		94.0	110					315S-4V1
		405	6750	8		123.0	160					315M2-4V1
		275	4583	4	970	46.0	55					280M-6V1
		266	4433	6		66.0	75					315S-6V1
		259	4316	8		86.0	110					315M2-6V1
	200DX3	600	10000	4	1450	104.0	132	4.0	450	300	900	315M1-4V1
		590	9833	6		135.0	160					315M2-4V1
		580	9666	8		170.0	185					315L1-4V1
		385	6416	4	970	68.0	90					315M1-6V1
		380	6333	6		90.0	110					315M2-6V1
		375	6250	8		115.0	132					315M3-6V1
	200DR36	840	14000	4	1450	146.0	160	4.0	450	200	900	315M2-4V1
		826	13766	6		189.0	220					355S3-4V1
		812	13533	8		238.0	280					355M-4V1
		539	8983	4	970	96.0	110					315M2-6V1
		532	8866	6		126.0	160					315M4-6V1
		539	8983	8		161.0	185					355S3-6V1

STG/STGc/STGr/STGCr (20-30)

MOUNTING DIMENSION DIAGRAM

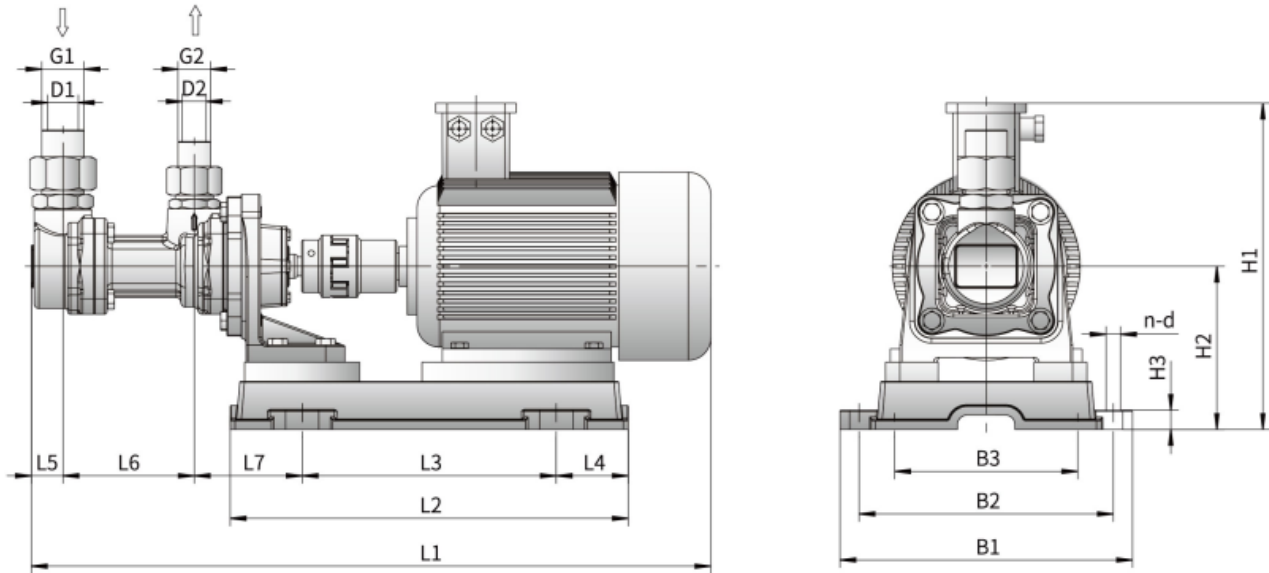


Mounting Dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	H1	H2	H3	n-d	D1XG1	D2XG2
20X4	80	531	284	95	15	50	100	---	250	210	160	---	260	140	15	4-Ø14	Ø19XØ28	Ø14XØ22
	90S	553	294	95	20	55	100	---	250	210	160	---	260	140	15	4-Ø14	Ø19XØ28	Ø14XØ22
25X4	802	573	331	95	20	63	125	---	250	210	160	---	274	140	15	4-Ø14	Ø25XØ34	Ø19XØ28
	90S	608	341	95	25	68	125	---	250	210	160	---	274	140	15	4-Ø14	Ø25XØ34	Ø19XØ28
	90L	643	341	95	25	68	125	---	250	210	160	---	274	140	15	4-Ø14	Ø25XØ34	Ø19XØ28
	100L	665	351	95	30	73	125	---	250	210	160	---	274	140	15	4-Ø14	Ø25XØ34	Ø19XØ28
30X4	90L	665	383	95	35	82	138	---	250	210	160	---	274	140	15	4-Ø14	Ø32XØ44	Ø23XØ34
	100L	703	393	95	40	87	138	---	250	210	160	---	274	140	15	4-Ø14	Ø32XØ44	Ø23XØ34
	112	729	393	95	40	87	138	---	250	210	160	---	274	140	15	4-Ø14	Ø32XØ44	Ø23XØ34

STG/STGc/STGr/STGCr (20-36)

MOUNTING DIMENSION DIAGRAM

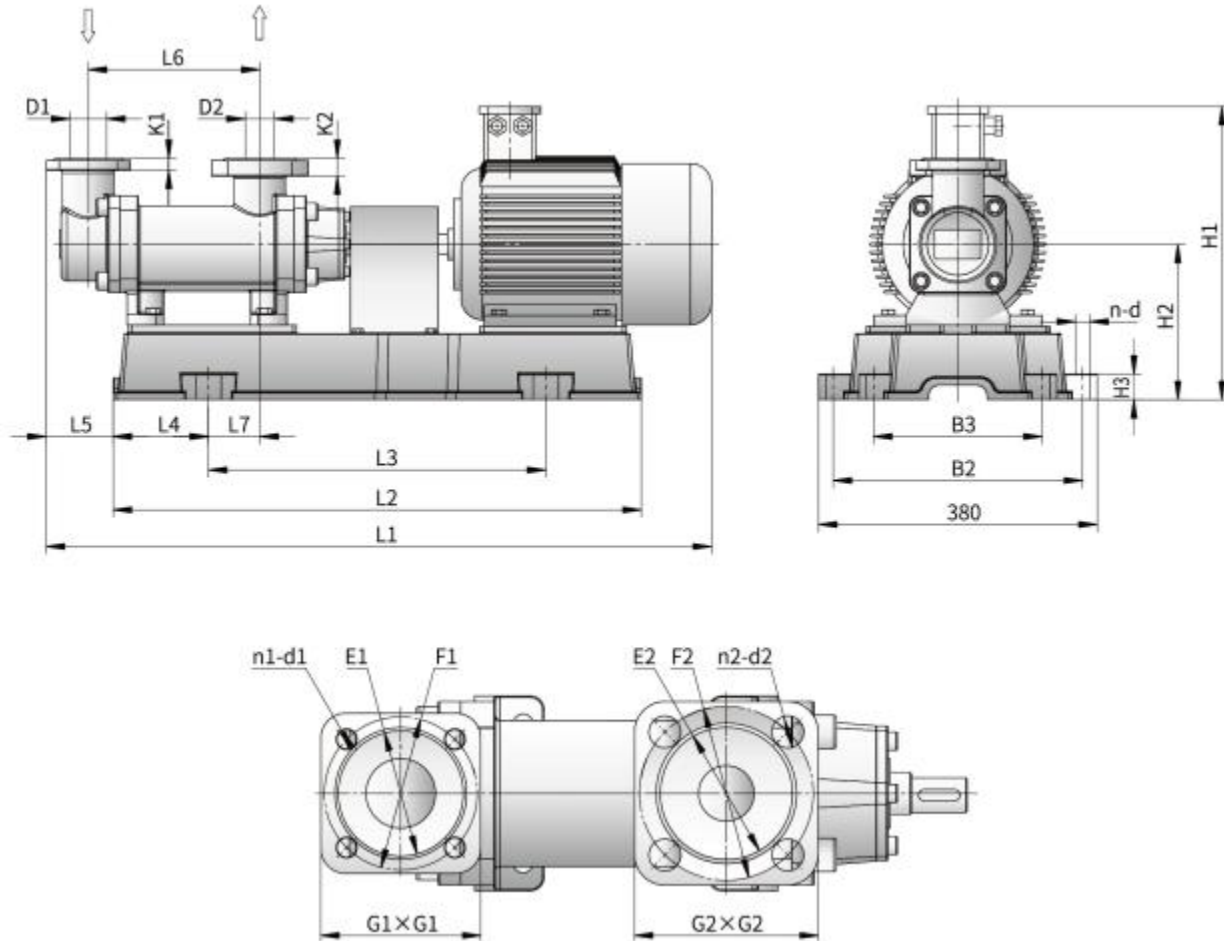


Mounting Dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	H1	H2	H3	n-d	D1XG1	D2XG2
20X4	80	531	340	220	60	24	100	86	280	240	240	---	280	160	20	4-Ø15	Ø19XØ28	Ø14XØ22
	90S	553	380	250	65	24	100	86	280	240	240	---	280	160	20	4-Ø15	Ø19XØ28	Ø14XØ22
20X6	80	571	340	220	60	24	140	101	280	240	240	---	280	160	20	4-Ø15	Ø19XØ28	Ø14XØ22
	90	618	380	250	65	24	140	91	280	240	240	---	280	160	20	4-Ø15	Ø19XØ28	Ø14XØ22
	100L	665	415	265	75	24	140	101	305	265	265	---	260	170	20	4-Ø15	Ø19XØ28	Ø14XØ22
25X4	80	573	340	200	70	29	125	91	280	240	240	---	294	160	20	4-Ø15	Ø25XØ34	Ø19XØ28
	90S	608	380	250	65	29	125	96	280	240	240	---	294	160	20	4-Ø15	Ø25XØ34	Ø19XØ28
	90L	643	380	250	65	29	125	96	280	240	240	---	294	160	20	4-Ø15	Ø25XØ34	Ø19XØ28
	100L	665	415	265	75	29	125	106	305	265	265	---	304	170	20	4-Ø15	Ø25XØ34	Ø19XØ28
25X6	90L	643	380	250	65	29	175	96	280	240	240	---	294	160	20	4-Ø15	Ø25XØ34	Ø19XØ28
	100L	665	415	265	75	29	175	106	305	265	265	---	304	170	20	4-Ø15	Ø25XØ34	Ø19XØ28
	112M	734	425	265	80	29	175	111	345	305	240	---	316	182	20	4-Ø15	Ø25XØ34	Ø19XØ28
	132S	799	475	315	80	29	175	111	380	340	240	---	354	220	20	4-Ø15	Ø25XØ34	Ø19XØ28
30X4	90L	665	395	265	65	33	138	100	280	240	240	---	304	170	20	4-Ø15	Ø32XØ44	Ø23XØ34
	100	703	415	265	75	33	138	110	305	265	265	---	304	170	20	4-Ø15	Ø32XØ44	Ø23XØ34
	112M	729	425	265	80	33	138	115	345	305	240	---	314	180	20	4-Ø15	Ø32XØ44	Ø23XØ34
30X6	100L	763	415	265	75	33	198	110	305	265	265	---	304	170	20	4-Ø15	Ø32XØ44	Ø23XØ34
	112M	789	425	265	80	33	198	115	345	305	240	---	314	180	20	4-Ø15	Ø32XØ44	Ø23XØ34
	132S	860	475	315	80	33	198	115	380	340	240	---	354	220	20	4-Ø15	Ø32XØ44	Ø23XØ34
	160M	989	620	460	80	33	198	115	460	420	240	---	384	250	20	4-Ø15	Ø32XØ44	Ø23XØ34
36X4	100L	712	438	298	70	44	168	113	330	290	290	---	337	192	20	4-Ø19	Ø50XØ59	Ø40XØ52
	112M	721	438	298	70	44	168	113	350	310	310	---	345	192	20	4-Ø19	Ø50XØ59	Ø40XØ52
	132S	811	518	368	75	44	168	118	380	340	285	---	375	192	20	4-Ø19	Ø50XØ59	Ø40XØ52

STG/STGc/STGr/STGCr (36-6A)

MOUNTING DIMENSION DIAGRAM



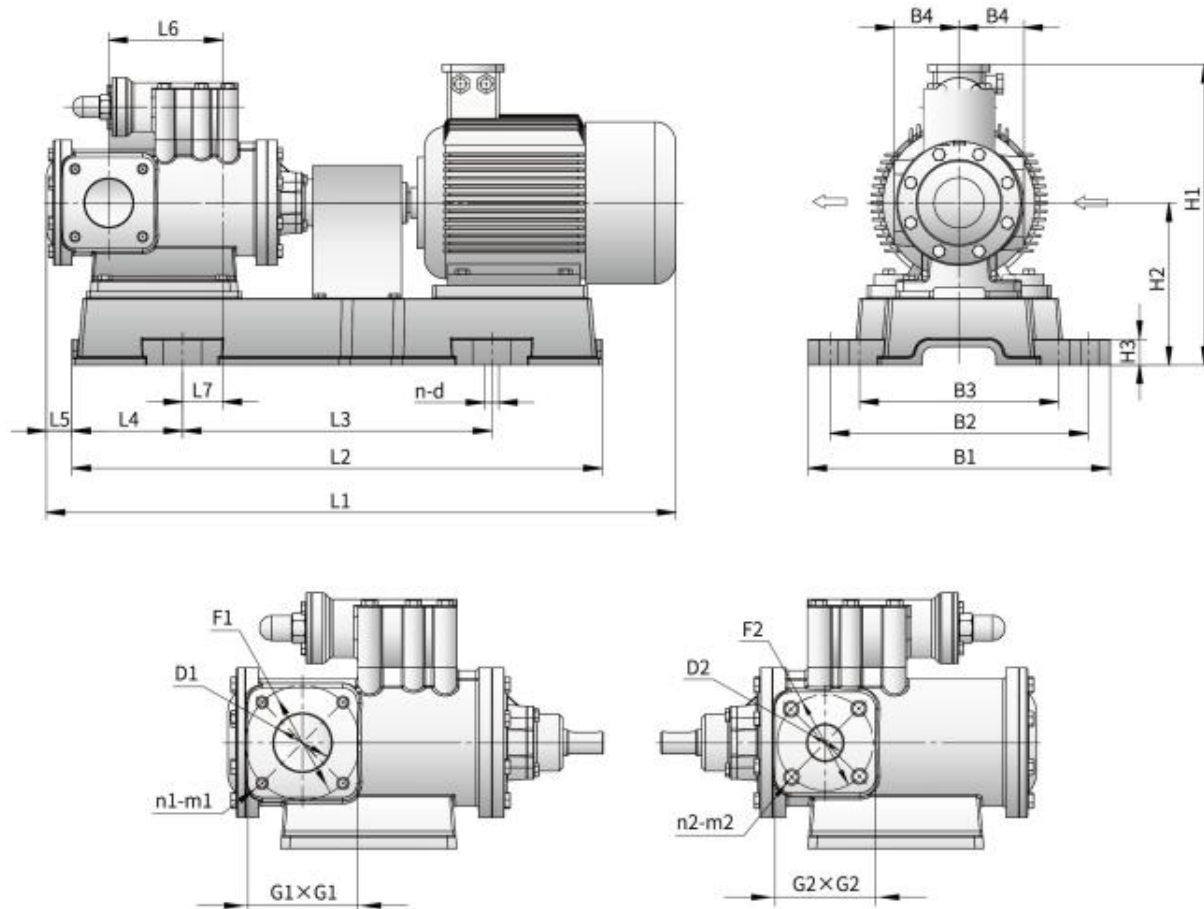
Mounting Dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	H1	H2	H3	n-d
36X6A	112M	884	720	460	130	84	235	74	380	340	230	190	355	202	35	4-Ø19
	132S	960	770	510	130	84	235	74	420	380	230	210	405	222	35	4-Ø19
	160M	1084	925	615	130	84	235	74	400	420	230	255	475	250	35	4-Ø19
	160L	1129	925	615	130	84	235	74	460	420	230	255	475	250	35	4-Ø19

Pump Size	Suction flange						Discharge flange					
	D1	E1	F1	G1XG1	k1	n1-d1	D2	E2	F2	G2XG2	k2	n2-d2
36X6A	Ø50	Ø90	Ø110	115X115	24	4-Ø14	Ø40	Ø95	Ø125	128X128	24-Jan	4-Ø19

STG/STGc/STGr/STGCr (42)

MOUNTING DIMENSION DIAGRAM



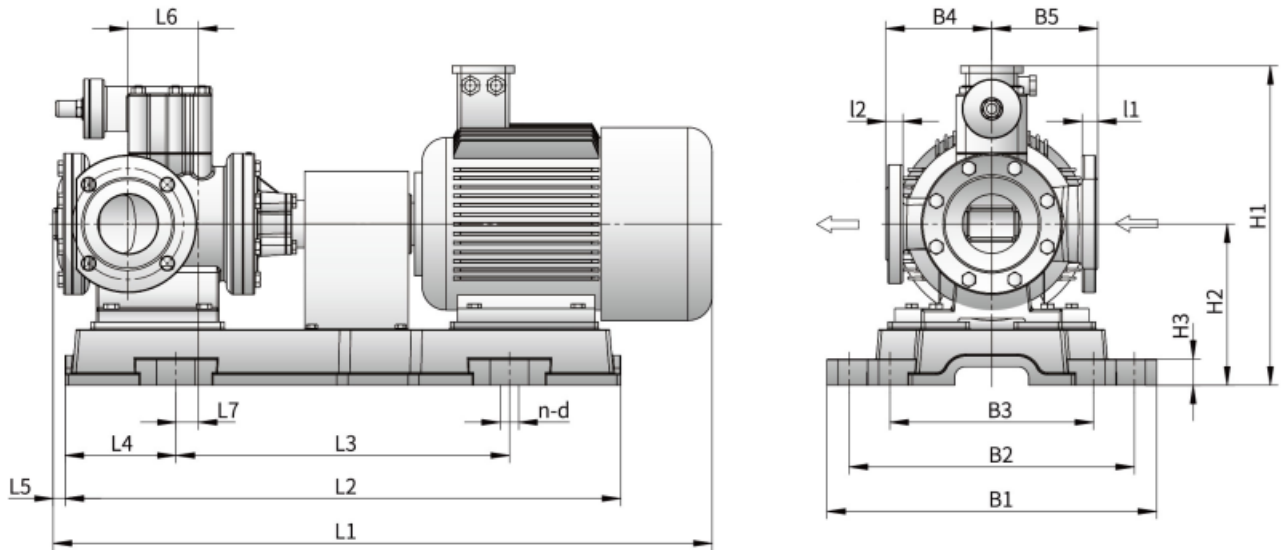
Mounting Dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	B5	H1	H2	H3	n-d
42X4A	112M	841	720	420	150	41	155	50	410	350	270	88	---	343	190	35	4-Ø25
	132S	917	765	460	150	41	155	50	450	390	270	88	---	385	202	35	4-Ø25
	160M	1043	890	590	150	41	155	50	480	420	270	88	---	455	230	35	4-Ø25
42X6A	132S	1003	992	622	150	47	229	127	450	390	270	88	---	440	250	35	4-Ø25
	160M	1136	1020	680	150	47	229	127	500	440	300	88	---	475	250	35	4-Ø25
	160L	1181	1020	680	150	47	229	127	500	440	300	88	---	475	250	35	4-Ø25
	200L	1312	1120	740	150	37	229	12	580	520	320	88	---	565	290	35	4-Ø25

Pump Size	Suction flange				Discharge flange			
	D1	F1	G1XG1	4-M12	D2	F2	G2XG2	n2-m2
42X4A	Ø65	Ø130	124X124	4-M12	Ø40	Ø125	114X114	4-M16
42X6A	Ø65	Ø130	124X124	4-M12	Ø40	Ø125	128X128	4-M20

STG/STGc/STGr/STGCr (50-70)

MOUNTING DIMENSION DIAGRAM

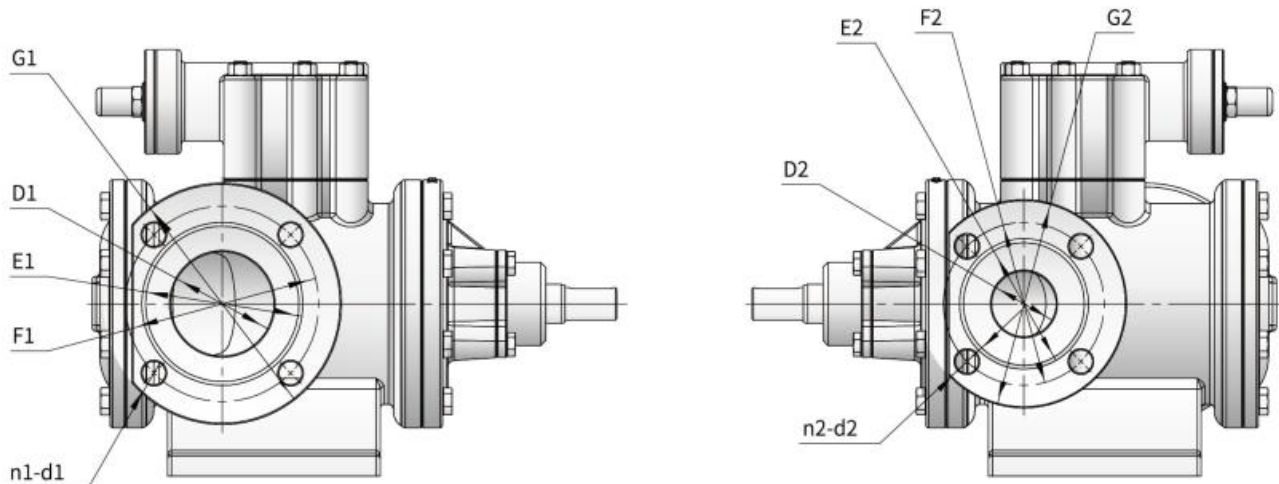


Mounting Dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	B5	B6	H1	H2	H3	n-d
50X2	100L	783	700	400	150	16	95	24	335	275	275	140	140	---	347	202	35	4-Ø25
	132S	877	750	450	150	16	95	24	435	275	385	140	140	---	385	202	35	4-Ø25
	160M	1003	875	575	150	16	95	24	485	275	425	140	140	---	455	230	35	4-Ø25
50X4A	132M	1028	870	470	200	16	190	40	440	300	380	140	140	---	385	202	35	4-Ø25
	160M	1113	992	592	200	46	190	40	490	300	430	140	140	---	455	230	35	4-Ø25
	160L	1156	992	592	200	46	190	40	490	300	430	140	140	---	455	230	35	4-Ø25
70X2	132M	1073	940	630	160	36	140	65	435	375	375	170	170	---	443	260	35	4-Ø25
	160M	1158	1060	700	160	36	140	65	480	335	420	170	170	---	485	260	35	4-Ø25
	160L	1203	1060	700	160	36	140	65	480	335	420	170	170	---	485	260	35	4-Ø25
70X4	160L	1338	1170	800	180	66	240	115	480	365	420	180	180	---	475	280	35	4-Ø25
	180M	1363	1220	820	180	66	240	115	510	365	450	180	180	---	530	280	35	4-Ø25
	180L	1403	1220	820	180	66	240	115	510	365	450	180	180	---	530	280	35	4-Ø25
	200L	1468	1250	860		66	240	115	550	365	490	180	180	---	575	280	40	4-Ø25

STG/STGc/STGr/STGCr (50-70)

MOUNTING DIMENSION DIAGRAM

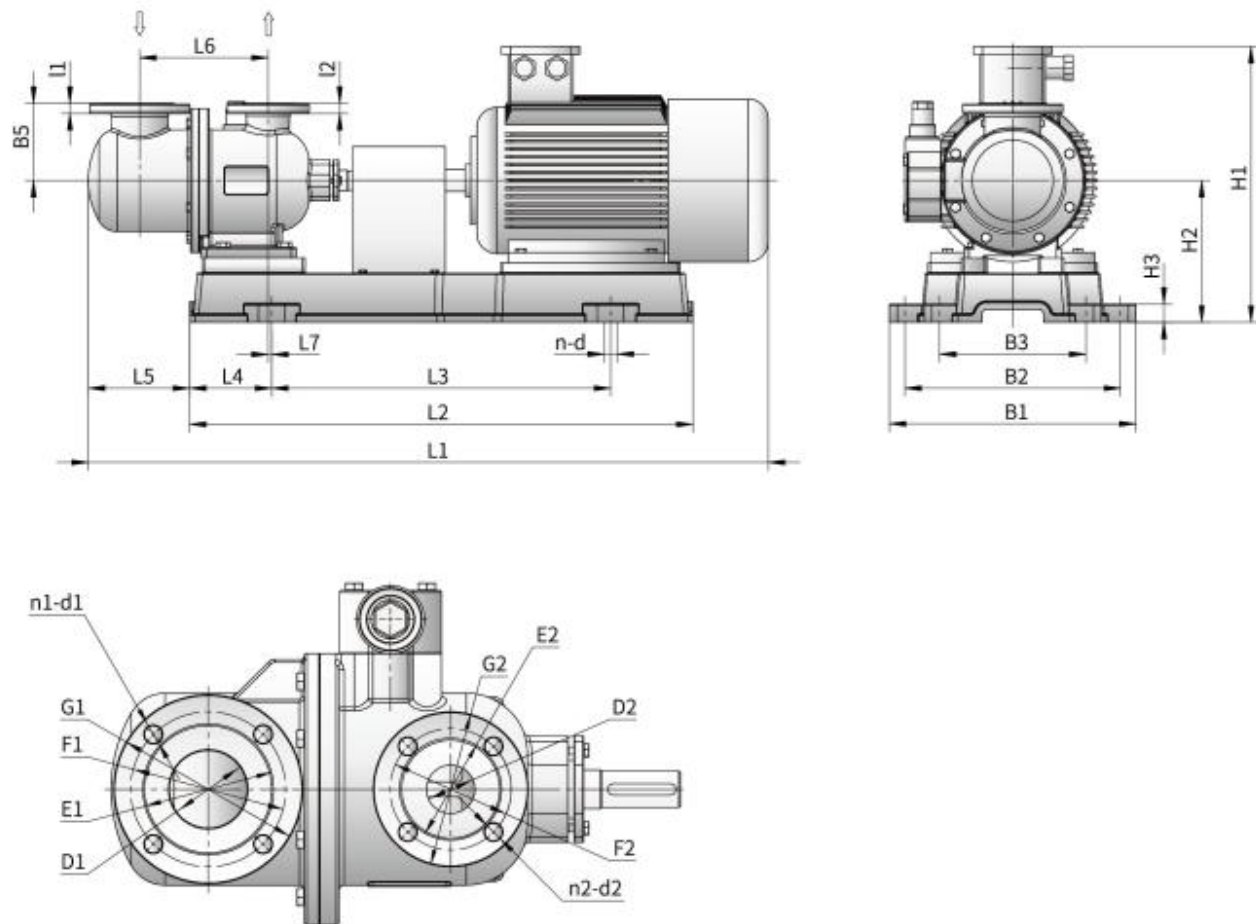


Mounting Dimensions for reference size.

Pump Size	Suction flange						Discharge flange					
	D1	E1	F1	G1	l1	n1-d1	D2	E2	F2	G2	l2	n2-d2
50X2	Ø80	Ø125	Ø150	Ø185	18	4-Ø18	Ø50	Ø100	Ø125	Ø160	20	4-Ø18
50X4A	Ø80	Ø125	Ø150	Ø185	18	4-Ø18	Ø50	Ø100	Ø125	Ø160	18	4-Ø18
70X2	Ø100	Ø140	Ø170	Ø205	18	4-Ø18	Ø65	Ø120	Ø145	Ø180	20	4-Ø18
70X4	Ø100	Ø140	Ø170	Ø205	18	4-Ø18	Ø65	Ø120	Ø145	Ø180	24	4-Ø18

STGR (70X3)

MOUNTING DIMENSION DIAGRAM



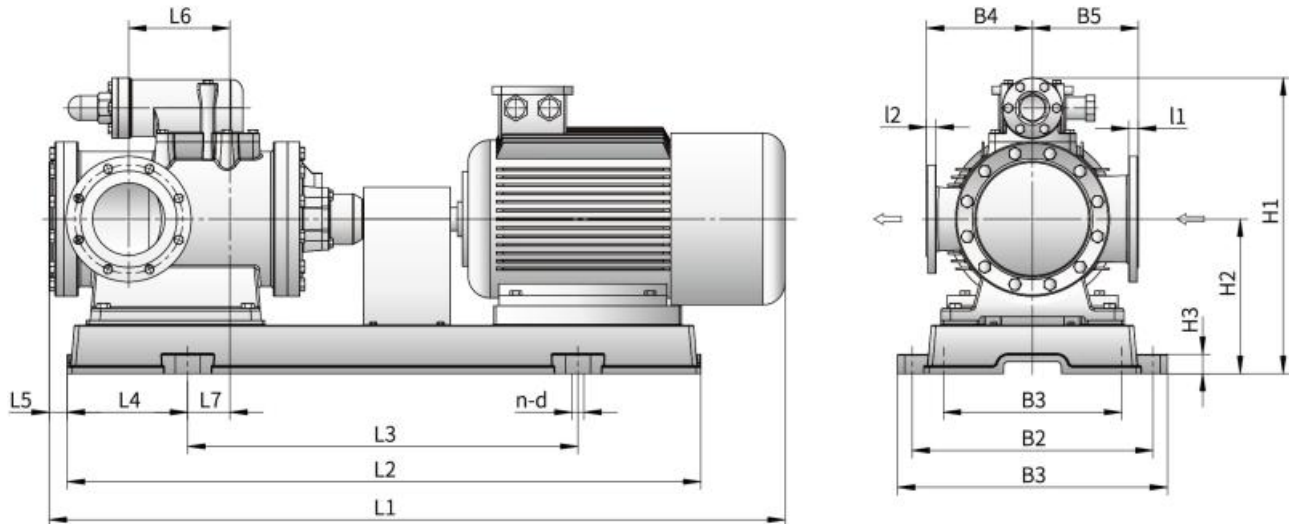
Mounting Dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	B5	B6	H1	H2	H3	n-d
36X6A	160L	1284	980	660	160	200	268	8	480	420	285	150	150	---	485	280	35	4-Ø25
	180M	1304	1020	700	160	200	268	8	510	450	285	150	150	---	530	280	35	4-Ø25
	180L	1344	1020	700	160	200	268	8	510	450	285	150	150	---	530	280	35	4-Ø25

Pump Size	Suction flange						Discharge flange					
	D1	E1	F1	G1	I1	n1-d1	D2	E2	F2	G2	I2	n2-d2
50X2	80	135	160	195	20	4-Ø18	50	105	125	160	20	4-Ø18

STG/STGc/STGr/STGCr (85-100)

MOUNTING DIMENSION DIAGRAM

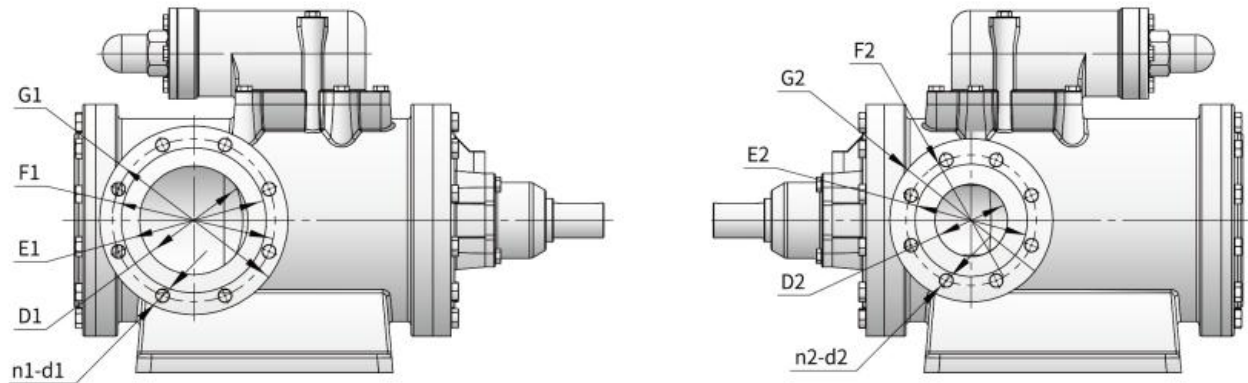


Mounting dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	B5	B6	H1	H2	H3	n-d
85X2	160L	1266	1130	750	220	26	165	70	485	430	380	200	200	---	515	290	35	4-Ø25
	180L	1330	1190	750	220	26	165	70	535	460	380	200	200	---	540	290	35	4-Ø25
85X4	180L	1484	1325	875	230	61	295	157	500	440	440	200	200	---	525	310	35	4-Ø25
	200L	1553	1420	900	250	61	295	135	595	535	380	200	200	---	575	310	35	4-Ø25
	225M	1630	1420	900	250	61	295	135	595	535	380	200	200	---	640	335	35	4-Ø25
100X2	180L	1459	1315	810	250	55	210	70	560	500	500	220	220	---	613	320	40	4-Ø25
	200L	1522	1315	810	250	55	210	70	560	500	500	220	220	---	613	320	40	4-Ø25
100X4	200L	1725	1445	745	350	91	390	115	760	680	500	220	220	---	635	340	40	4-Ø25
	250M	1880	1570	870	350	91	390	115	760	680	500	220	220	---	655	360	40	4-Ø25
	280S	1950	1665	965	350	91	390	115	760	680	500	220	220	---	685	390	40	4-Ø25
110X2	200L	1566	1350	850	250	66	205	75	610	540	540	260	250	---	635	335	40	4-Ø25
	225M	1637	1405	905	250	66	205	75	610	540	540	260	250	---	640	340	40	4-Ø25
110X4	225M	1862	1520	820	350	171	380	45	760	680	540	260	250	---	650	350	50	4-Ø25
	280S	2011	1700	1000	350	171	380	45	760	680	540	260	250	---	695	395	50	4-Ø25
	280M	2061	1700	1000	350	171	380	45	760	680	540	260	250	---	695	395	50	4-Ø25

STG/STGc/STGr/STGCr (85-100)

MOUNTING DIMENSION DIAGRAM

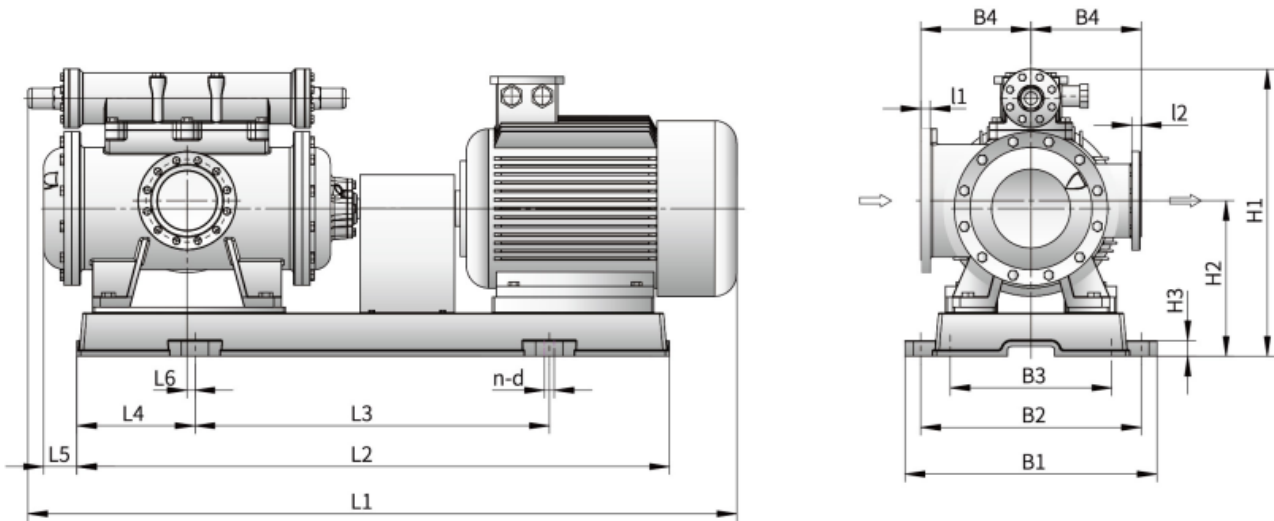


Mounting dimensions for reference size.

Pump Size	Suction flange						Discharge flange					
	D1	E1	F1	G1	l1	n1-d1	D2	E2	F2	G2	l2	n2-d2
85X2	Ø125	Ø185	Ø210	Ø245	24	8-Ø18	Ø80	Ø135	Ø160	Ø195	22	4-Ø18
85X4	Ø125	Ø185	Ø210	Ø245	24	8-Ø18	Ø80	Ø135	Ø160	Ø195	26	4-Ø18
100X2	Ø150	Ø200	Ø225	Ø260	20	8-Ø18	Ø100	Ø155	Ø180	Ø215	25	8-Ø18
100X4	Ø150	Ø200	Ø225	Ø260	20	8-Ø18	Ø100	Ø160	Ø190	Ø230	30	8-Ø18
110X2	Ø200	Ø242	Ø265	Ø295	20	12-Ø16	Ø150	Ø188	Ø210	Ø240	18	12-Ø16
110X4	Ø200	Ø242	Ø265	Ø295	20	12-Ø16	Ø150	Ø1200	Ø228	Ø270	30	12-Ø16

STGS/STGCS/STGSr/STGCSr (100-200)

MOUNTING DIMENSION DIAGRAM

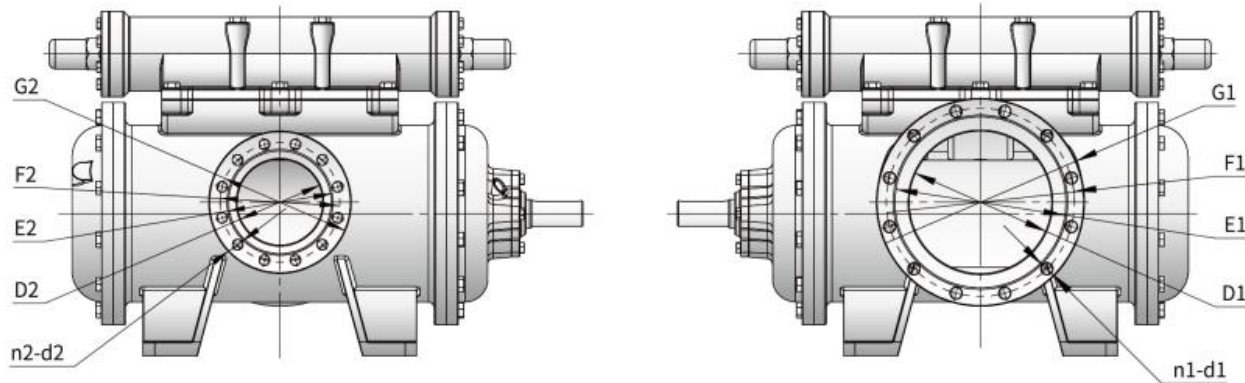


Mounting dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	L6	B1	B2	B3	B4	H1	H2	H3	n-d
100X2	225M	1769	1505	900	300	100	35	640	560	560	280	680	395	50	4-Ø25
	250M	1855	1570	900	300	100	35	695	615	540	280	700	395	50	4-Ø25
	280M	1987	1650	1080	300	100	35	745	665	540	280	759	405	50	4-Ø30
110X2	250M	1880	1570	900	300	100	35	695	615	540	280	700	395	50	4-Ø25
	280S	1962	1650	1080	300	100	35	745	665	540	280	759	405	50	4-Ø30
	280M	2012	1738	1080	285	100	20	745	665	600	280	870	405	50	4-Ø30
160DX3	315M	2222	1860	1250	290	100	25	770	690	600	280	890	405	50	4-Ø30
	280S	2106	1738	1180	285	175	---	745	665	600	340	950	485	40	4-Ø30
	280M	2157	1738	1180	285	175	---	745	665	600	340	950	485	40	4-Ø30
	315S	2460	1860	1250	290	170	---	770	690	600	340	970	485	50	4-Ø30
	315L	2510	1860	1250	290	170	---	770	690	600	340	970	485	50	4-Ø30
160DR36	355S	2710	2250	1350	290	170	---	975	895	600	340	1070	475	40	4-Ø30
	315S	2460	1860	1250	290	170	---	770	690	600	340	970	485	50	4-Ø30
	315M2	2510	1860	1250	290	170	---	770	690	600	340	970	485	50	4-Ø30
	355S3	2710	2260	1350	290	170	---	970	895	600	340	1070	475	50	4-Ø30
200DX3	355S4	2710	2250	1350	290	170	---	970	895	600	340	1070	475	50	4-Ø30
	315M2	2590	2130	1450	325	210	---	850	770	660	450	1048	525	50	4-Ø30
	315L	2630	2175	1450	325	210	---	850	770	770	450	1048	525	50	4-Ø30
	355S	2830	2245	1500	325	210	---	975	895	770	450	1148	525	50	4-Ø30
	355L	3030	2410	1650	325	210	---	975	895	770	450	1148	525	50	4-Ø30
200DR36	400M1	3205	2460	1800	325	210	---	1010	930	770	450	1215	525	50	4-Ø30
	355S3	2830	2245	1500	325	210	---	975	895	770	450	1148	525	50	4-Ø30
	355M	2930	2245	1500	325	210	---	975	895	770	450	1148	525	50	4-Ø30
	355L	3030	2410	1650	325	210	---	975	895	770	450	1148	525	50	4-Ø30
	400M2	3205	2460	1800	325	210	---	1010	930	770	450	1215	525	50	4-Ø30
	400L1	3205	2460	1800	325	210	---	1010	930	770	450	1215	525	50	4-Ø30

STGS/STGCS/STGSr/STGCSr (100-200)

MOUNTING DIMENSION DIAGRAM

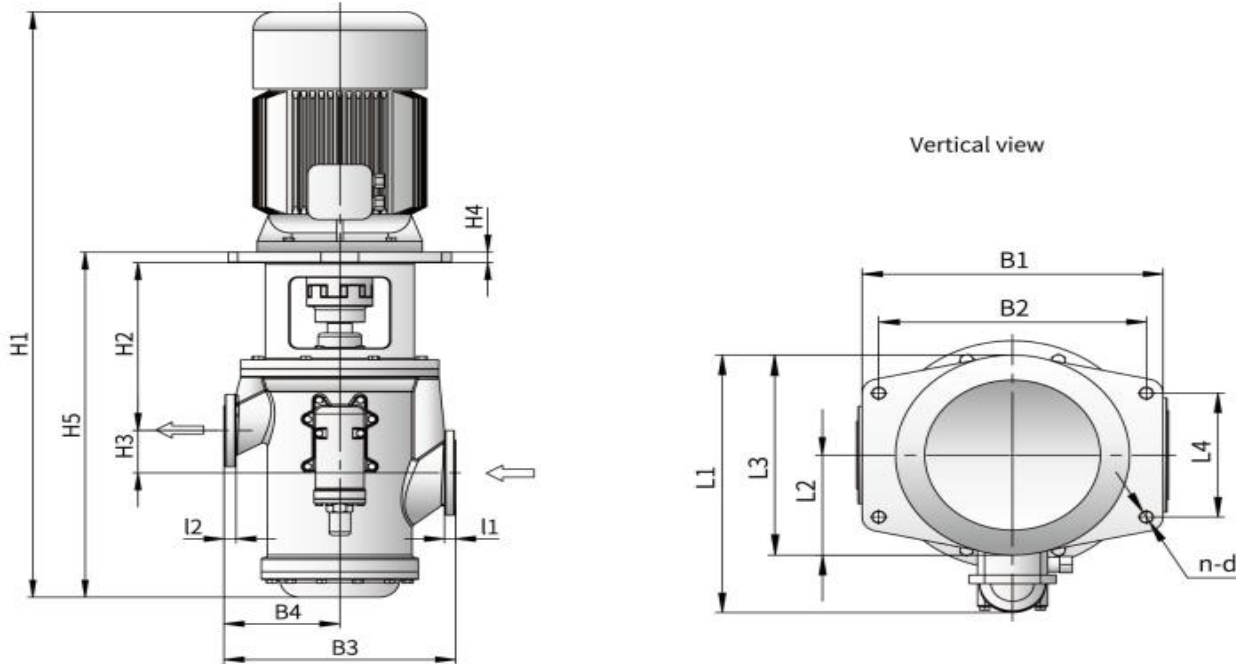


Mounting dimensions for reference size.

Pump Size	Suction flange						Discharge flange					
	D1	E1	F1	G1	l1	n1-d1	D2	E2	F2	G2	l2	n2-d2
100X2	Ø250	Ø305	Ø330	Ø365	24	12-Ø18	Ø150	Ø188	Ø210	Ø240	24	12-Ø16
110X2	Ø250	Ø300	Ø350	Ø390	24	12-Ø23	Ø200	Ø265	Ø295	Ø335	24	12-Ø23
160DX3	Ø300	Ø362	Ø395	Ø435	24	12-Ø23	Ø200	Ø265	Ø295	Ø335	30	12-Ø23
200DX3	Ø450	Ø518	Ø550	Ø590	40	16-Ø23	Ø300	Ø368	Ø400	Ø440	40	12-Ø23
160DR36	Ø300	Ø362	Ø395	Ø435	40	12-Ø23	Ø200	Ø265	Ø295	Ø335	30	12-Ø23
200DR36	Ø450	Ø518	Ø550	Ø590	40	16-Ø23	Ø300	Ø368	Ø400	Ø440	40	12-Ø23

STGCG (50-110)

MOUNTING DIMENSION DIAGRAM

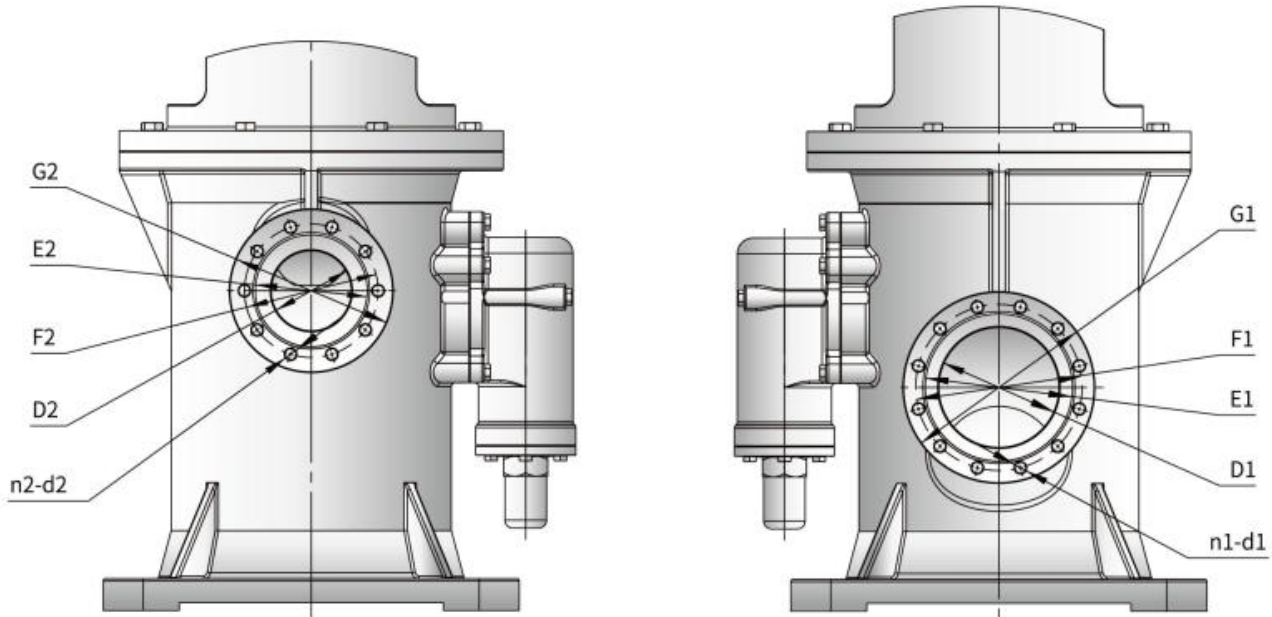


Mounting dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	B1	B2	B3	B4	H1	H2	H3	H4	H5
STGCG50X2	112M	311	181	300	---	345	310	260	130	851	269	95	14	469
	132S	311	181	300	---	345	310	260	130	933	269	95	14	469
	Z2C-32	311	181	300	---	345	310	260	130	969	269	95	14	469
	Z2C-41	311	181	300	---	345	310	260	130	939	269	95	14	469
	Z2C-42	311	181	300	---	345	310	260	130	974	269	95	14	469
	Z2C-51	311	181	300	---	345	310	260	130	1044	269	95	14	469
STGCG70X2	132S	410	210	400	---	500	440	340	170	1082	376	140	17	638
	160M	410	210	400	---	500	440	340	170	1182	376	140	17	638
	Z2C-51	410	210	400	---	500	440	340	170	1200	376	140	17	638
	Z2C-52	410	210	400	---	500	440	340	170	1240	376	140	17	638
STGCG85X2	160M	410	293	450	---	540	480	400	200	1289	396	165	20	734
	160L	410	293	450	---	540	480	400	200	1333	396	165	20	734
	180M	418	293	450	---	540	480	400	200	1353	396	165	20	734
	Z2C-52	410	293	450	---	540	480	400	200	1357	396	165	20	734
	Z2C-62	410	293	450	---	540	480	400	200	1410	396	165	20	734
	Z2C-71	418	293	450	---	540	480	400	200	1518	396	165	20	734
STGCG100X2	180M	418	293	450	---	540	480	440	220	1465	476	210	24	855
	180L	418	293	450	---	540	480	440	220	1503	476	210	24	855
	200L	418	293	450	---	540	480	440	220	1565	476	210	24	855
	Z2C-71	418	293	450	---	540	480	440	220	1630	476	210	24	855
	Z2C-72	418	293	450	---	540	480	440	220	1670	476	210	24	855
	Z2C-81	485	293	530	---	600	540	440	220	1705	476	210	24	855
STGCG110X2	180L	515	315	400	---	620	560	500	250	1545	527	205	25	920
	200L	515	315	400	---	620	560	500	250	1605	527	205	25	920
	225S	590	315	550	---	660	600	500	250	1626	527	205	25	920
	Z2C-71	590	315	550	---	660	600	500	250	1732	527	205	25	920
	Z2C-72	590	315	550	---	660	600	500	250	1767	527	205	25	920
	Z2C-81	590	315	550	---	660	600	500	250	1802	527	205	25	920

STGCG (50-110)

MOUNTING DIMENSION DIAGRAM

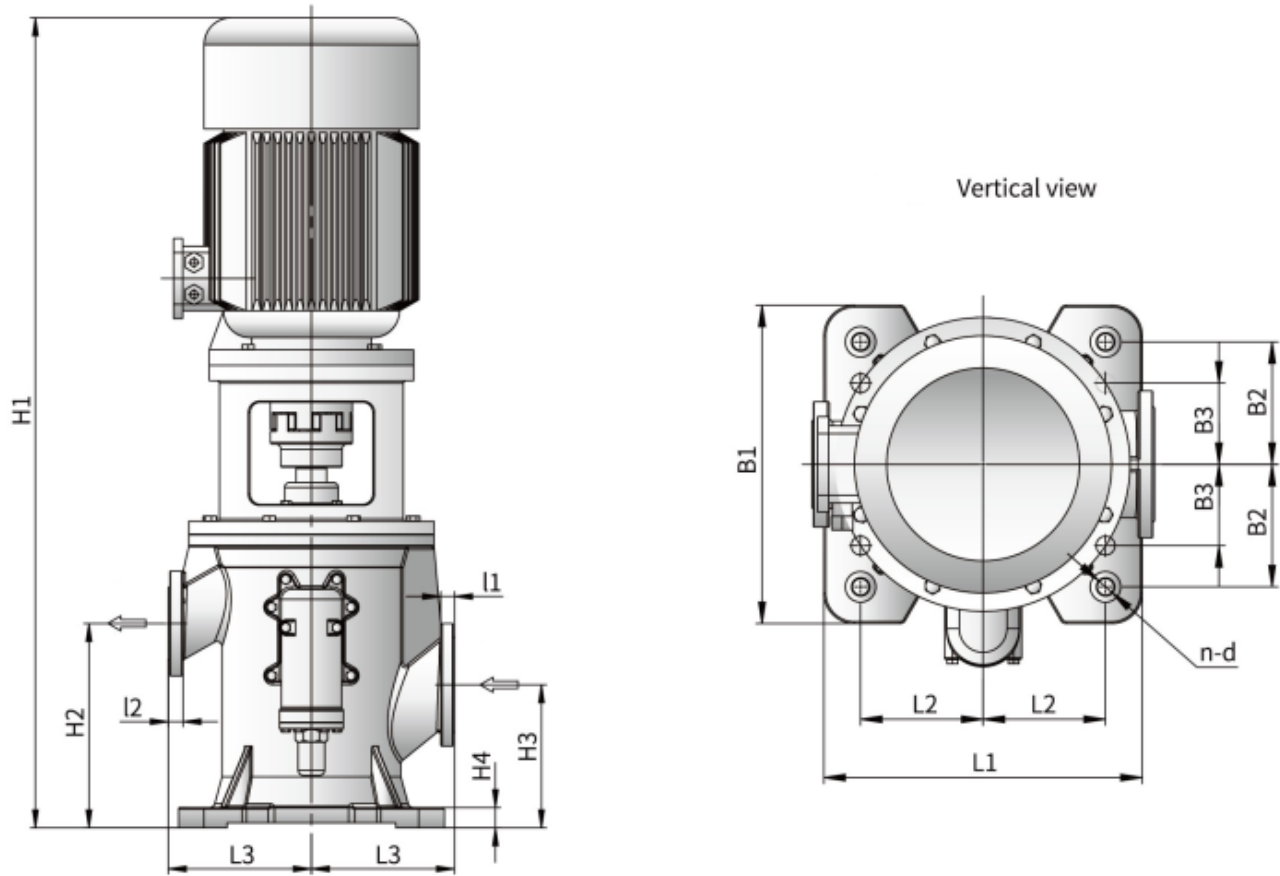


Mounting dimensions for reference size.

Pump Size	Suction flange					Discharge flange					
	D1	F1	G1	I1	n1-d1	D2	F2	G2	I2	n2-d2	n-d
STGCG50X2	80	138	170	15	8-Ø16	50	103	135	15	6-Ø16	4-Ø14
STGCG70X2	100	158	190	15	8-Ø16	65	123	155	15	6-Ø16	4-Ø18
STGCG85X2	125	210	245	24	8-Ø18	80	160	195	22	4-Ø18	4-Ø23
STGCG100X2	150	208	240	15	12-Ø16	100	158	190	16	8-Ø16	4-Ø23
STGCG110X2	200	264	295	16	12-Ø16	150	208	240	16	12-Ø16	4-Ø23

STGCL (50-110)

MOUNTING DIMENSION DIAGRAM

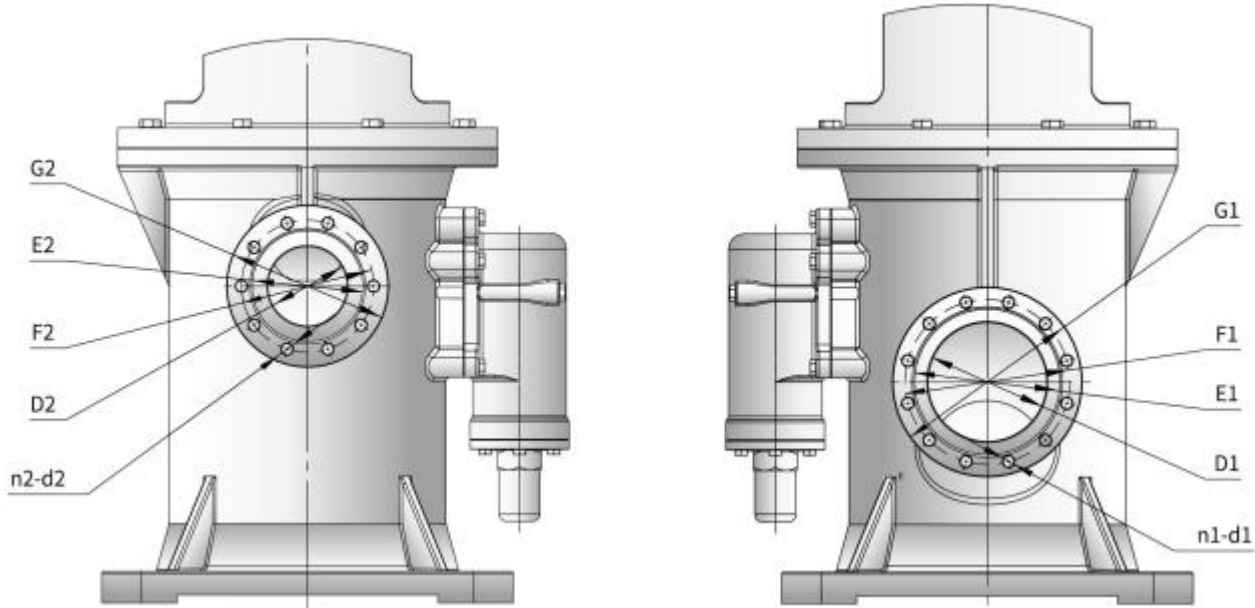


Mounting dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	B1	B2	B3	B4	H1	H2	H3	H4	n-d
STGCL50X2	100L	350	145	190	170	350	145	---	210	847	240	175	40	4-Ø27
	112M	350	145	190	180	350	145	---	210	892	240	175	40	4-Ø27
	132S	350	145	190	230	350	145	---	210	974	240	175	40	4-Ø27
STGCL70X2	132S	400	170	230	230	400	170	---	260	1114	300	220	40	4-Ø27
	132M	400	170	230	230	400	170	---	260	1151	300	220	40	4-Ø27
	160M	400	170	230	260	400	170	---	260	1244	300	220	40	4-Ø27
STGCL85X2	160M	470	205	300	260	470	205	---	340	1293	325	160	40	4-Ø27
	160L	470	205	300	260	470	205	---	340	1337	325	160	40	4-Ø27
	180L	470	205	300	275	470	205	---	340	1397	325	160	40	4-Ø27
	180M	470	205	300	275	470	205	---	340	1359	325	160	40	4-Ø27
STGCL100X2	160L	520	200	280	260	520	200	---	335	1479	400	280	40	4-Ø27
	180M	520	200	280	260	520	200	---	335	1500	400	280	40	4-Ø27
	180L	520	200	280	274	520	200	---	335	1538	400	280	40	4-Ø27
	200L	520	200	280	335	520	200	---	335	1600	400	280	40	4-Ø27
STGCL110X2	180L	560	225	340	275	560	230	130	385	1578	425	340	40	8-Ø23
	200L	560	225	340	335	560	230	130	385	1640	425	340	40	8-Ø23
	225S	560	225	340	365	560	230	130	385	1684	425	340	40	8-Ø23

STGCL (50-110)

MOUNTING DIMENSION DIAGRAM

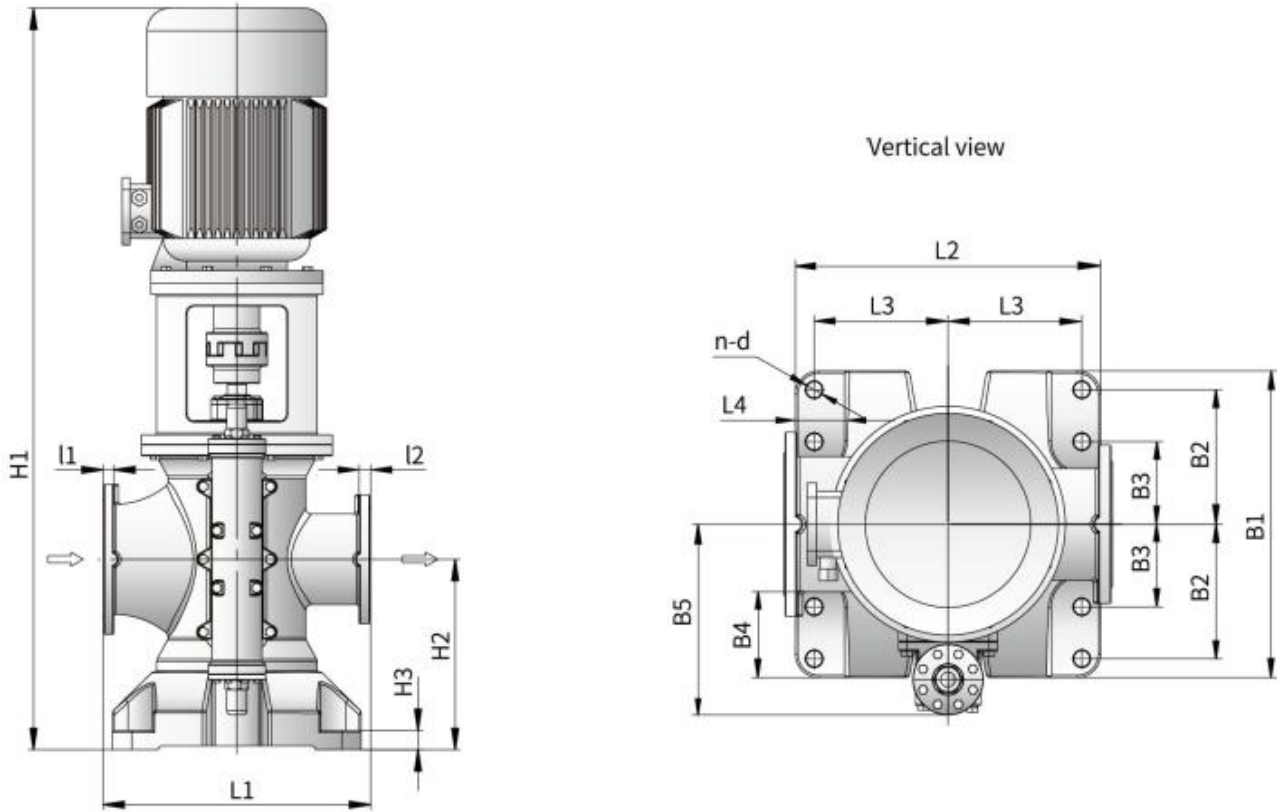


Mounting dimensions for reference size.

Pump Size	Suction flange						Discharge flange					
	D1	E1	F1	G1	I1	n1-d1	D2	E2	F2	G2	I2	n2-d2
STGCL50X2	80	118	138	170	14	6-Ø14	50	84	103	135	13	6-Ø14
STGCL70X2	100	138	158	190	14	8-Ø14	65	110	132	170	15	8-Ø16
STGCL85X2	125	185	210	245	22	10-Ø16	80	135	160	195	24	8-Ø16
STGCL100X2	150	190	208	240	14	10-Ø14	100	146	167	205	16	10-Ø16
STGCL110X2	200	247	264	295	15	12-Ø14	150	196	217	225	15	12-Ø16

STGCLS (100-200)

MOUNTING DIMENSION DIAGRAM

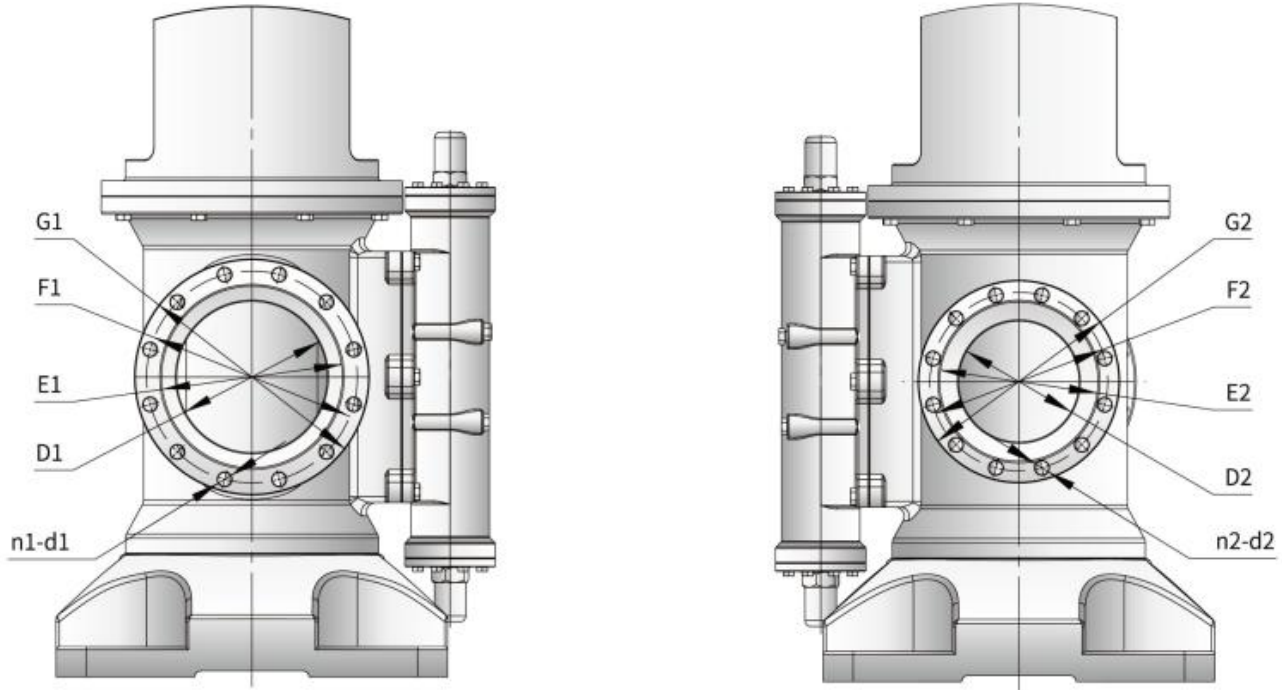


Mounting dimensions for reference size.

Pump Size	Motor Frame Size	L1	L2	L3	L4	L5	B1	B2	B3	B4	B5	H1	H2	H3	n-d
STGCLS100X2	225S	700	650	285	105	---	650	285	175	215	370	1909	496	50	8-Ø34
	225M	700	650	285	105	---	650	285	175	215	370	1964	496	50	8-Ø34
	250M	700	650	285	105	---	650	285	175	215	370	1981	496	50	8-Ø34
STGCLS110X2	225S	700	650	285	105	---	650	285	175	215	431	1934	496	50	8-Ø34
	225M	700	650	285	105	---	650	285	175	215	431	1989	496	50	8-Ø34
	250M	700	650	285	105	---	650	285	175	215	431	2006	496	50	8-Ø34
	280S	700	650	285	105	---	650	285	175	215	431	2157	496	50	8-Ø34
STGCLS160DX3	250M	900	800	350	105	---	800	350	200	265	569	2068	511	50	8-Ø41
	280S	900	800	350	105	---	800	350	200	265	569	2219	511	50	8-Ø41
	280M	900	800	350	105	---	800	350	200	265	569	2270	511	50	8-Ø41
	315S	900	800	350	105	---	800	350	200	265	569	2270	511	50	8-Ø41
STGCLS160DR36	280S	900	800	350	105	---	800	350	200	265	569	2219	511	50	8-Ø41
	280M	900	800	350	105	---	800	350	200	265	569	2270	511	50	8-Ø41
	315S	900	800	350	105	---	800	350	200	265	569	2270	511	50	8-Ø41
STGCLS200DX3	315M2	900	800	350	105	---	800	350	200	265	569	2290	511	50	8-Ø41
	315M1	1100	900	400	105	---	900	400	250	265	678	2790	598	50	8-Ø41
	315M2	1100	900	400	105	---	900	400	250	265	678	2790	598	50	8-Ø41
	315M3	1100	900	400	105	---	900	400	250	265	678	2790	598	50	8-Ø41
STGCLS200DR36	315L1	1100	900	400	105	---	900	400	250	265	678	2790	598	50	8-Ø41
	315M2	1100	900	400	105	---	900	400	250	265	678	2790	598	50	8-Ø41
	315M4	1100	900	400	105	---	900	400	250	265	678	2790	598	50	8-Ø41
	355S3	1100	900	400	105	---	900	400	250	265	678	2935	598	50	8-Ø41
	355M	1100	900	400	105	---	900	400	250	265	678	2840	598	50	8-Ø41

STGCLS (100-200)

MOUNTING DIMENSION DIAGRAM



Mounting dimensions for reference size.

Pump Size	Suction flange						Discharge flange					
	D1	E1	F1	G1	I1	n1-d1	D2	E2	F2	G2	I2	n2-d2
STGCLS100X2	250	300	350	390	28	12-Ø23	200	265	295	335	30	12-Ø23
STGCLS110X2	250	300	350	390	30	12-Ø24	200	265	295	335	30	12-Ø23
STGCLS160DX3	300	368	400	440	35	12-Ø25	250	320	350	390	40	12-Ø23
STGCLS160DRX36	300	368	440	400	35	12-Ø25	250	320	350	390	40	12-Ø23
STGCLS200DX3	450	518	550	590	35	12-Ø23	300	368	400	440	40	12-Ø23
STGCLS200DR36	450	518	550	590	35	12-Ø23	300	368	400	440	40	12-Ø23

MODEL SELECTION:

MODEL SELECTION TABLE									
STG	*	*	*	*	*	*	*		
TYPE	**		Follow and select the model as per required specifications from the given data table of each type of pump						
	G								
	S								
	CS								
	CG								
	CL								
	CLS								
	R								
	CR								
	GSr								
	CSr								
N									
ROTATION	R		(CW) Clockwise						
	L		(CCW) Counter Clockwise						
SIZE	20-30		Follow the tables below						
	20-36								
	36-6A								
	42								
	50-70								
	70x3								
	85-100								
	100-200								
50-110									
INSTALLATIONS			H						
			F						
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				
MATERIAL CODE				W0		Casing-HT200, Insert-HT200			
				W1		Casing-HT200, Insert Special Moduler cast Iron			
				W2		Casing-HT200, Insert-ZL 109 Cast AL			
				W3		Casing-QT450 Moduler CI, Insert-ZL-109 Cast AL			
				W4		Casing-QT450-10 Moduler CI, Insert- Special Moduler CI			
				W21		Casing-HT200, Insert-ZCuSn5Pb5Zn5 (Special Bronze)			
				W23		Casing-QT450, Insert-ZCuSn5Pb5Zn5 (Special Bronze)			
DRIVE				S	Direct Coupled				
				E	Geared Reducer				

Contact Us

Business Hours

📞 Weekdays: 8.30AM to 5.30PM
Weekends: Closed

✉️ enquiry@spewpumps.com

📍 PT14515, Persiaran Batu Gajah
Perdan 8, Taman Perindustrian Batu
Gajah Perdan, 31550, Perak,
Malaysia