



## ShowFou Electric Machine Co., Ltd

### SHOWFOU ELECTRIC MACHINE CO., LTD.

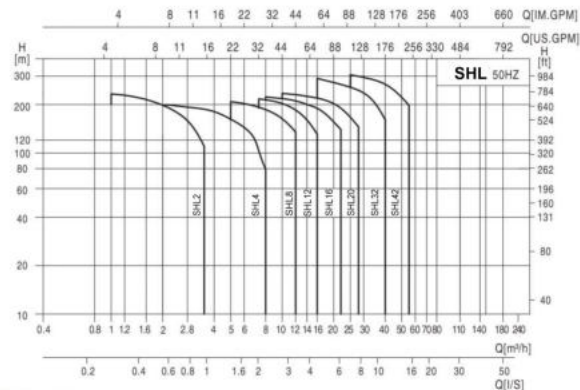
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**SHL**  
LIGHT STAINLESS STEEL VERTICAL  
MULTISTAGE CENTRIFUGAL PUMP

● Performance scope



● Product range

Description	SHL2	SHL4	SHL8	SHL12	SHL16	SHL20	SHL32	SHL42
Rated flow[m³/h]	2	4	8	12	16	20	32	42
Rated flow[l/s]	0.56	1.1	2.2	3.3	4.4	5.6	8.9	11.7
Flow range[m³/h]	1-3.5	1.5-7	5-12	7-16	8-22	10-28	16-40	25-55
Flow range[l/s]	0.28-0.97	0.42-1.9	1.4-3.3	1.9-4.4	2.2-6.1	2.8-7.8	4.4-11.1	6.9-15.3
Max. pressure[bar]	23	21	21	22	22	23	29	30
Motor power[kW]	0.37-3	0.37-4	0.75-7.5	1.5-11	2.2-15	1.1-18.5	1.5-30	3.0-45
Temperature range[°C]	-15--+120							
Max. efficiency[%]	46	57	62	63	66	69	73	75
Type	SHL							
SHL	●	●	●	●	●	●	●	●
SHL Pipe connection	SHL							
DIN Flange	Dn25	Dn32	Dn40	DN50	DN50	DN50	DN65	DN80
Cutting ferrule joint	DN32	DN32	DN50	DN50	DN50	DN50		
Pipe thread	ZG1½	ZG1½	ZG2	ZG2	ZG2	ZG2		

● Pump

SHL is a kind of vertical non-self priming multistage centrifugal pump, which is driven by a standard electric motor. The motor output shaft directly connects with the pump shaft through a coupling. The pre-sure-resistant cylinder and flow passage components are fixed between pump head and inlet & outlet section with stay bolts. The inlet and outlet are located at the pump bottom at the same plane. This kind of pump can be equipped with an intelligent protector to effectively prevent it from dry-running, out-of-phase and overload.

● Motor

Full-enclosed air-blast two-pole standard motor  
**Protection class:** IP55  
**Insulation class:** F  
**Standard voltage:** 50Hz: 1x220-230/240V  
 3x200-220/346-380V  
 3x220-240/380-415V  
 3x380-415V

● Operation conditions

- Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fibers.
- **Liquid temperature:**  
Normal temperature type: -15°C → +70°C,  
Hot water type: -15°C → +120°C
- **Ambient temperature:** up to +40°C
- **Altitude:** up to 1000m

● Application

SHL is a kind of multinational products. It can be used to convey various medium from tap water to industrial liquid at different temperature and with different flow rate and pressure. SHL is suitable for slightly corrosive liquid.

Water supply: Water filter and transport in Water works, boosting of main pipeline, boosting in high-rise buildings.

Industrial boosting: Process flow water system, cleaning system, high-pressure washing system, fire fighting system.

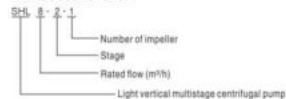
Industrial liquid conveying: Cooling and air-conditioning system, boiler water supply and condensing system, machine-associated purpose, acids and alkali.

Water treatment: Ultra-filtration system, reverse osmosis system, distillation system, separator, swimming pool.

Irrigation: Farmland irrigation, spray irrigation, dripping irrigation.

● Definition of Model

SHL 8-2-1

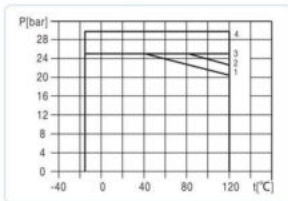


● Max. Working pressure

Model	Curve number
SHL2,4 Flange cutting ferrule joint pipe thread	1
SHL 8, 12, 16, 20 Flange cutting ferrule joint pipe thread	2
SHL32	4
SHL42	
42-10-1-42-90	3(+)
42-100-2-42-130-2	4

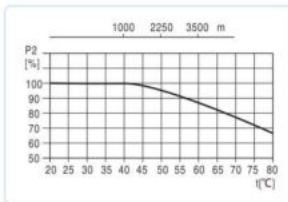
- \* :For curve 4, need to specify especially;
- \*\* :For curve 3, need to specify especially.

The following figure shows the limitation of pressure and temperature, which shall be in the scope as shown in the figure.

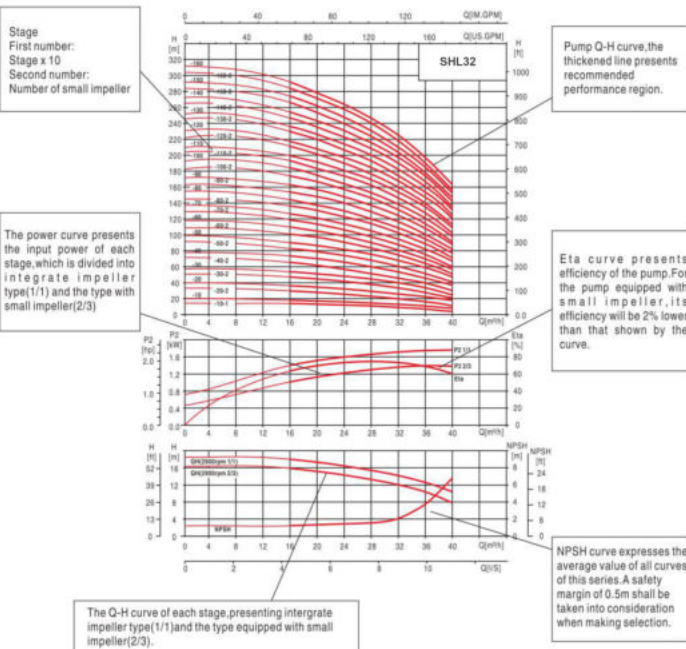


● Max. Ambient temperature

when the pump operates under ambient temperature higher than 40°C or under altitude higher than 1000m, because of low air density and poor cooling effects, the motor output power P2 will be decreased to certain extent. If the pump is operated under the above-said conditions, it should be equipped with motor of higher power.



● Curve illustration



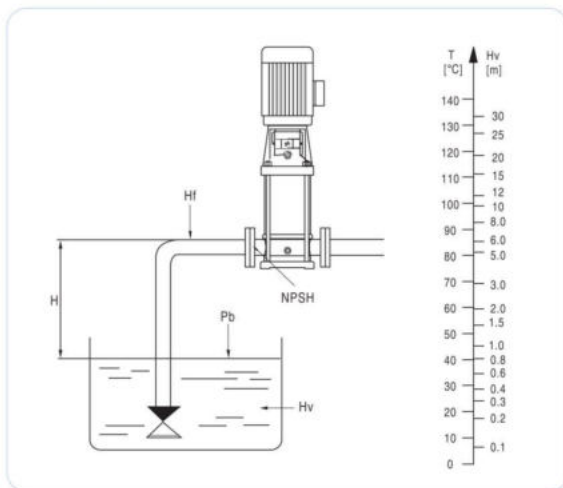
● Performance curve

Following conditions are suitable for the performance curves shown below:

1. All curves are based on the measured values of 50Hz constant motor speed 2900rpm or 2950rpm.
2. Curve tolerance in conformity with ISO9906 Annex A.
3. Measurement is done with 20°C air-free water, kinematic viscosity of 1mm²/sec.
4. The operation of pump shall refer to the performance region indicated by the thickened curve to prevent overheating due to too small flow rate or overload of motor due to too large flow rate.

● Minimum inlet pressure NPSH

In case that the pressure in pump is lower than the steam pressure used to convey liquid, the cavitations will occur. To avoid cavitations, a minimum pressure at the inlet side of the pump shall be guaranteed.

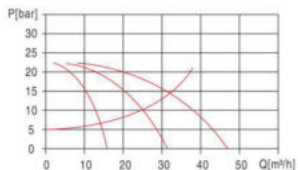


Check and ensure that the pump is not at cavitations state.

● Operation in parallel

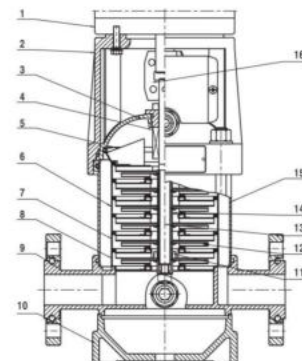
Connecting several pumps in parallel running will benefit much more than running a single large pump.

- Applicable to different working states necessary in a variable flow system.
- Increasing the possibility of water supply when the pump is in failure. Because in case of pump failure, only part of the system flow is effected.



Two pumps or more can be connected in parallel running if necessary.

● Section drawing SHL2,4

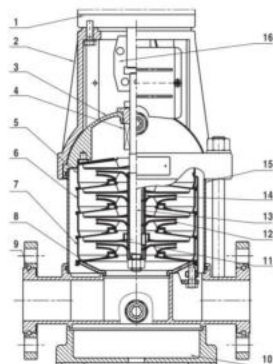


SHL

● Material SHL2,4

NO.	Name	Material	AISI/ASTM	NO.	Name	Material	AISI/ASTM
1	Motor			13	Shaft	Stainless steel	AISI304 AISI316L
2	Pump head	Cast iron	ASTM25B	14	Impeller sleeve	Stainless steel	AISI304
4	Mechanical seal			15	Cylinder	Stainless steel	AISI304
5	Top diffuser	Stainless steel	AISI304	16	Coupling	Carbon steel	
6	Diffuser	Stainless steel	AISI304	<b>SHL</b>			
7	Support diffuser	Stainless steel	AISI304	3	Seal base	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304	9	Inlet and outlet chamber	Stainless steel	AISI304
11	Bearing	Tungsten carbide		10	Base plate	Cast iron	ASTM25B
12	Impeller	Stainless steel	AISI304				

● Section drawing SHL8,12,16,20

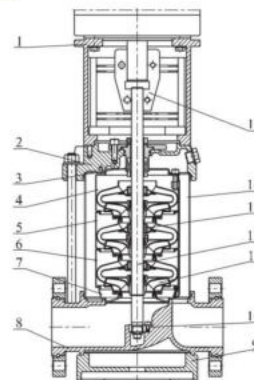


SHL

● Material SHL8,12,16,20

NO.	Name	Material	AISI/ASTM	NO.	Name	Material	AISI/ASTM
1	Motor			13	Shaft	Stainless steel	AISI304 AISI316L
2	Pump head	Cast iron	ASTM25B	14	Impeller sleeve	Stainless steel	AISI304
4	Mechanical seal			15	Cylinder	Stainless steel	AISI304
5	Top diffuser	Stainless steel	AISI304	16	Coupling	Carbon steel	
6	Diffuser	Stainless steel	AISI304			CDLF	
7	Support diffuser	Stainless steel	AISI304	3	Seal base	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304	9	Inlet and outlet chamber	Stainless steel	AISI304
11	Bearing	Tungsten carbide		10	Base plate	Cast iron	ASTM25B
12	Impeller	Stainless steel	AISI304				

● Section drawing SHL32,42



SHL

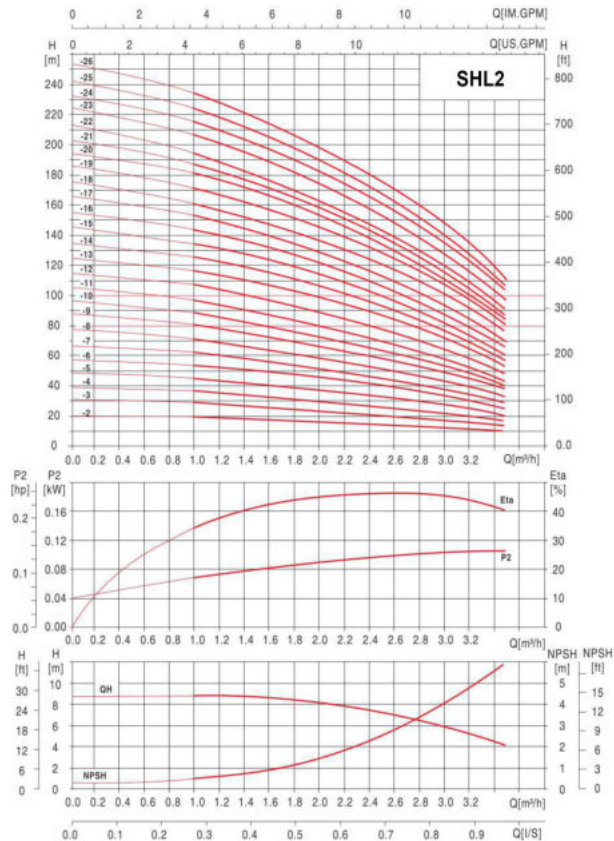
● Material SHL32,42

NO.	Name	Material	AISI/ASTM	NO.	Name	Material	AISI/ASTM
1	Bracket	Cast iron	ASTM25B	12	Shaft	Stainless steel	AISI316L AISI304 AISI431
3	Mechanical seal			13	Intermediate bearing	Tungsten carbide	
4	Top diffuser	Stainless steel	AISI304	14	Cylinder	Stainless steel	AISI304
5	Support diffuser	Stainless steel	AISI304	15	Coupling	Carbon steel	
6	Diffuser	Stainless steel	AISI304		Rubber parts	NBR	
7	Inducer	Stainless steel	AISI304			CDLF	
9	Base plate	Cast iron	ASTM25B	2	Pump head	Stainless steel	AISI304
10	Bottom bearing	Tungsten carbide		8	Inlet and outlet chamber	Stainless steel	AISI304
11	Impeller	Stainless steel	AISI304				

SHL2,50Hz

● Performance curve

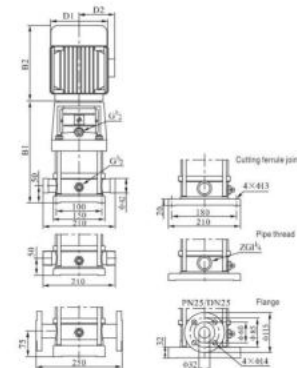
2900rpm



● Performance table

MODEL	DRIVINF MOTOR		Q (m³/h)	1	1.2	1.6	2.0	2.4	2.8	3.2	3.5
	(kW)	(hp)									
SHL2-2	0.37	0.5	H (m)	18	17	16	15	13	12	10	8
SHL2-3	0.37	0.5		27	26	24	22	20	18	15	12
SHL2-4	0.55	0.75		36	35	33	30	26	24	20	16
SHL2-5	0.55	0.75		45	43	40	37	33	30	24	20
SHL2-6	0.75	1		53	52	50	45	40	36	30	24
SHL2-7	0.75	1		63	61	57	52	47	41	35	28
SHL2-9	1.1	1.5		80	78	73	67	61	54	45	37
SHL2-11	1.1	1.5		98	95	89	82	73	64	54	44
SHL2-13	1.5	2		116	114	106	98	89	78	64	52
SHL2-15	1.5	2		134	130	123	112	100	90	73	60
SHL2-18	2.2	3		161	157	148	136	121	108	91	76
SHL2-22	2.2	3		197	192	180	165	148	130	110	90
SHL2-26	3.0	4		232	228	214	198	179	158	130	110

● Installation sketch



● Size and weight

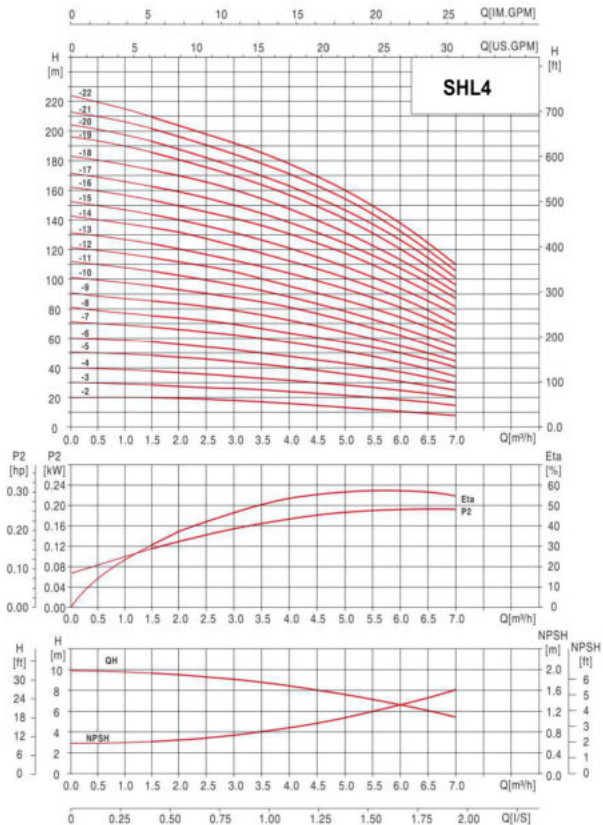
MODEL	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SHL2-2	258	225	483	148	117	20
SHL2-3	276	225	501	148	117	20
SHL2-4	294	225	519	148	117	22
SHL2-5	312	225	537	148	117	23
SHL2-6	340	245	585	170	142	26
SHL2-7	358	245	603	170	142	26
SHL2-9	394	245	639	170	142	28
SHL2-11	430	245	675	170	142	29
SHL2-13	476	290	766	190	155	35
SHL2-15	512	290	802	190	155	36
SHL2-18	566	290	856	190	155	41
SHL2-22	638	290	928	190	155	42
SHL2-26	720	345	1065	197	165	52

The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.

SHL4, 50Hz

● Performance curve

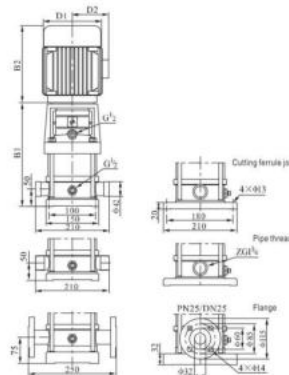
2900rpm



● Performance table

MODEL	DRIVINF MOTOR		Q (m³/h)	H (m)						
	(kW)	(hp)		1.5	2.0	3.0	4.0	5.0	6.0	7.0
SHL4-2	0.37	0.5	H (m)	19	18	17	15	13	10	8
SHL4-3	0.55	0.75		28	27	26	24	20	18	13
SHL4-4	0.75	1		38	36	34	32	27	24	19
SHL4-5	1.1	1.5		47	45	43	40	34	31	23
SHL4-6	1.1	1.5		56	54	52	48	41	37	28
SHL4-7	1.5	2		66	63	61	56	48	43	33
SHL4-8	1.5	2		74	72	70	64	55	50	38
SHL4-10	2.2	3		96	90	87	81	71	62	48
SHL4-12	2.2	3		114	108	104	95	85	75	58
SHL4-14	3.0	4		136	126	122	112	101	89	68
SHL4-16	3.0	4		152	144	140	129	115	101	78
SHL4-19	4.0	5.5		183	171	166	153	137	122	93
SHL4-22	4.0	5.5		211	200	192	178	160	138	108

● Installation sketch



● Size and weight

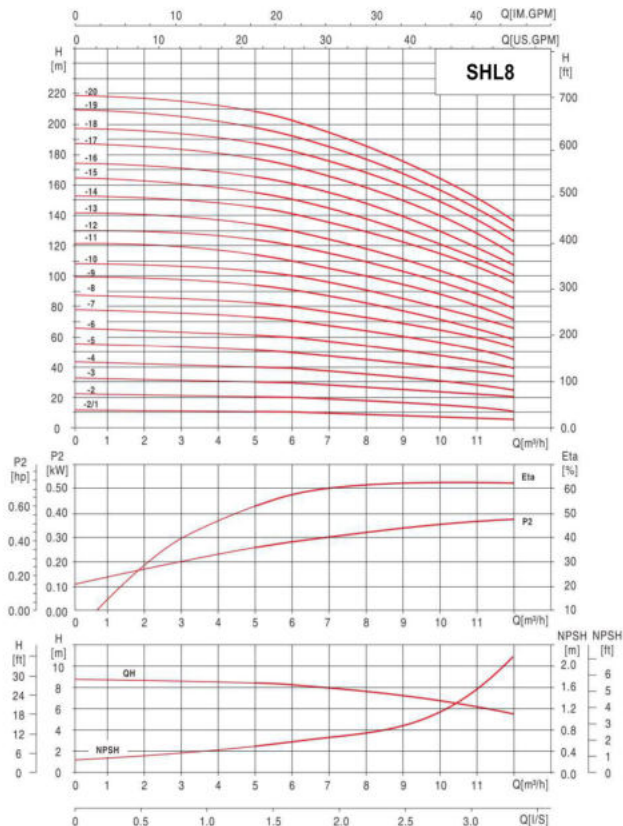
MODEL	Size(mm)				Weight (kg)
	B1	B2	B1+B2	D1 D2	
SHL4-2	276	225	501	148 117	21
SHL4-3	303	225	528	148 117	22
SHL4-4	340	245	585	170 142	25
SHL4-5	367	245	612	170 142	27
SHL4-6	394	245	639	170 142	27
SHL4-7	431	290	721	190 155	33
SHL4-8	458	290	748	190 155	33
SHL4-10	512	290	802	190 155	37
SHL4-12	566	290	856	190 155	38
SHL4-14	630	345	975	197 165	46
SHL4-16	684	345	1029	197 165	48
SHL4-19	765	355	1120	230 188	57
SHL4-22	846	355	1201	230 188	59

The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.

SHL8,50Hz

● Performance curve

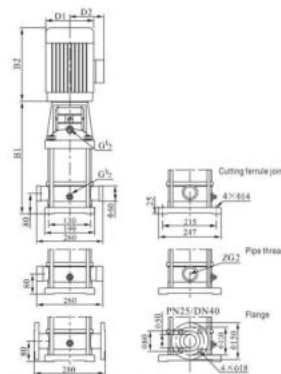
2900rpm



● Performance table

MODEL	DRIVINF MOTOR		Q (m³/h)	H (m)													
	(kW)	(hp)		5	6	7	8	9	10	11	12						
SHL8-2/1	0.75	1		10	9.5	9.3	9	8.5	8	7	6						
SHL8-2	0.75	1		20	19.5	19	18	17	16	14	13						
SHL8-3	1.1	1.5		30	29.5	28.5	27	25	24	21	19						
SHL8-4	1.5	2		41	39.5	38	36	34	32	28	26						
SHL8-5	2.2	3		52	50	48	45	42	40	36	32						
SHL8-6	2.2	3		62	60	57	54	51	48	43	37						
SHL8-8	3.0	4		83	80	77	73	69	65	58	52						
SHL8-10	4.0	5.5		104	100	97	92	87	81	73	65						
SHL8-12	4.0	5.5		124	120	116	111	104	92	87	78						
SHL8-14	5.5	7.5		145	141	136	130	122	113	102	92						
SHL8-16	5.5	7.5		166	161	156	148	139	130	118	106						
SHL8-18	7.5	10		187	182	175	167	157	146	134	120						
SHL8-20	7.5	10		208	202	195	186	175	163	150	135						

● Installation sketch



● Size and weight

MODEL	Size(mm)				Weight (kg)	
	B1	B2	B1+B2	D1		D2
SHL8-2/1	347	245	592	170	142	32
SHL8-2	347	245	592	170	142	32
SHL8-3	377	245	622	170	142	34
SHL8-4	417	290	707	190	155	40
SHL8-5	447	290	737	190	155	44
SHL8-6	477	290	767	190	155	45
SHL8-8	547	345	892	197	165	53
SHL8-10	607	355	962	230	188	64
SHL8-12	667	355	1022	230	188	66
SHL8-14	747	390	1137	260	208	81
SHL8-16	807	390	1197	260	208	84
SHL8-18	867	390	1257	260	208	93
SHL8-20	927	390	1317	260	208	94

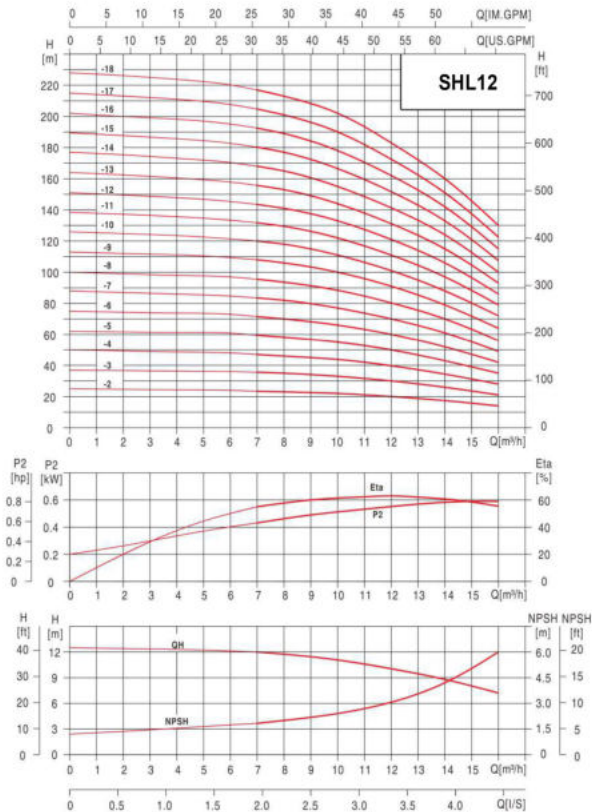
The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.



SHL12,50Hz

● Performance curve

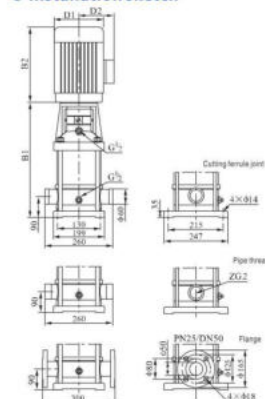
2900rpm



● Performance table

MODEL	DRIVIN MOTOR		Q (m³/h)	H (m)															
	(kW)	(hp)		7	8	9	10	11	12	13	14	15	16						
SHL12-2	1.5	2		23.5	23	22.5	22	21	20	18.5	17	15.5	14						
SHL12-3	2.2	3		35.5	35	34	33	31.5	30	28	26	23.5	21						
SHL12-4	3	4		47	46	45	44	42	40	37	34	31	28						
SHL12-5	3	4		58.5	58	56.5	55	52.5	50	46.5	43	39	35						
SHL12-6	4	5.5		71.5	70	68	66	63	60	56	52	47	42						
SHL12-7	5.5	7.5		83.5	82	79.5	77	73.5	70	65.5	61	55	49						
SHL12-8	5.5	7.5		95.5	94	91	88	84	80	75	70	63	56						
SHL12-9	5.5	7.5		108	106	103	100	95.5	91	85	79	71.5	64						
SHL12-10	7.5	10		120	118	114.5	111	106	101	94.5	88	80	72						
SHL12-12	7.5	10		143.5	141	137	133	127	121	113.5	106	96	86						
SHL12-14	11	15		168	165	160	155	148	141	132.5	124	112	100						
SHL12-16	11	15		192.5	189	183.5	178	170	162	152	142	128.5	115						
SHL12-18	11	15		217	213	207.5	202	192.5	183	171.5	160	145	130						

● Installation sketch



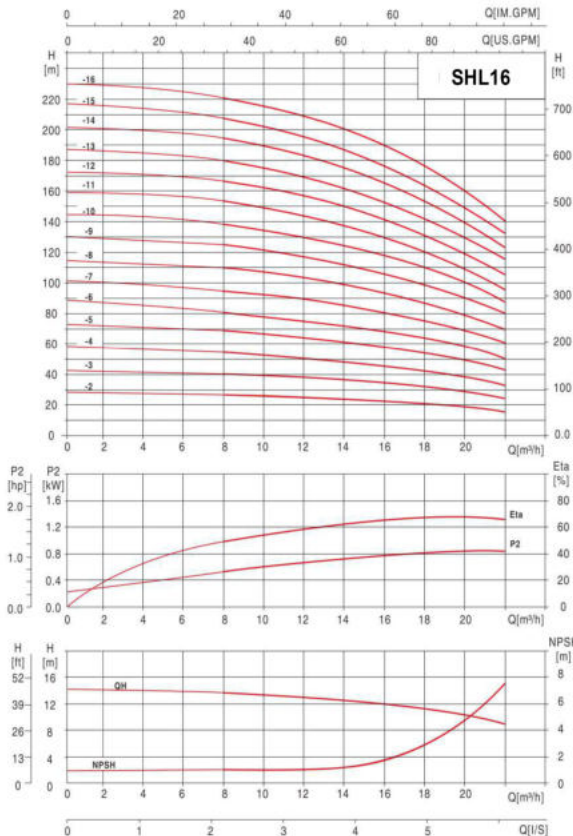
● Size and weight

MODEL	Size(mm)				Weight (kg)
	B1	B2	B1+B2	D1 D2	
SHL12-2	367	290	657	190 155	39
SHL12-3	397	290	687	190 155	43
SHL12-4	437	345	782	197 165	51
SHL12-5	467	345	812	197 165	53
SHL12-6	497	355	852	230 198	61
SHL12-7	547	390	937	260 208	73
SHL12-8	577	390	967	260 208	74
SHL12-9	607	390	997	260 208	76
SHL12-10	637	390	1027	260 208	83
SHL12-12	697	390	1087	260 208	87
SHL12-14	845	500	1345	330 255	157
SHL12-16	905	500	1405	330 255	161
SHL12-18	965	500	1465	330 255	164

The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.

● Performance curve

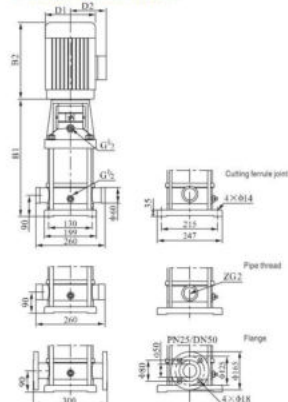
2900rpm



● Performance table

MODEL	DRIVIN MOTOR		Q (m³/h)	H (m)							
	(kW)	(hp)		8	10	12	14	16	18	20	22
SHL16-2	2.2	3	H (m)	27	26	25	24	22	21	19	16
SHL16-3	3.0	4		41	40	38	37	34	32	29	25
SHL16-4	4.0	5.5		54	53	52	49	46	43	38	34
SHL16-5	5.5	7.5		68	67	65	62	58	54	48	43
SHL16-6	5.5	7.5		82	80	78	74	70	64	58	52
SHL16-7	7.5	10		96	95	91	87	82	76	68	61
SHL16-8	7.5	10		110	108	104	99	94	86	77	70
SHL16-10	11	15		138	136	131	125	118	109	97	87
SHL16-12	11	15		166	162	157	150	141	130	116	105
SHL16-14	15	20		194	190	184	175	166	152	136	122
SHL16-16	15	20		222	217	210	200	189	174	156	140

● Installation sketch



● Size and weight

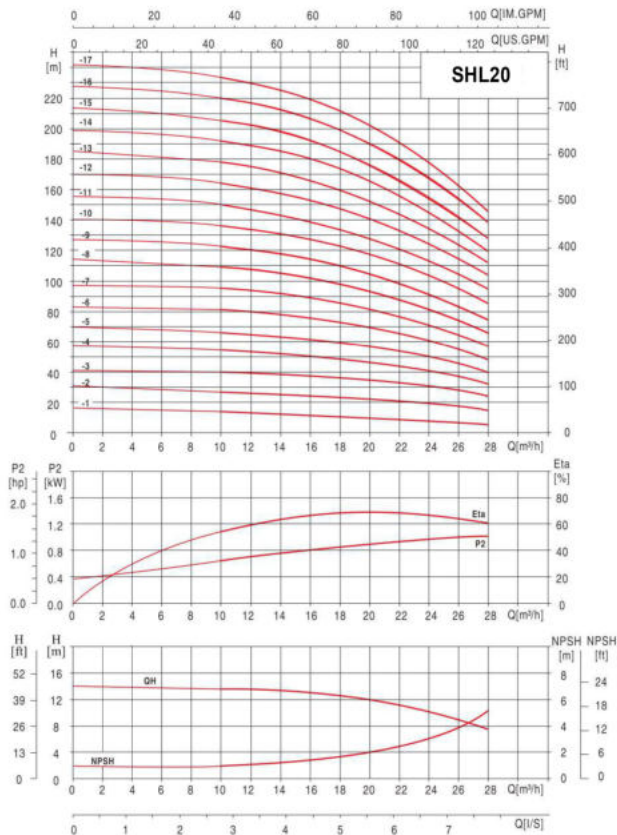
MODEL	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SHL16-2	397	290	687	190	155	42
SHL16-3	452	345	797	197	165	50
SHL16-4	497	355	852	230	188	59
SHL16-5	562	390	952	260	208	76
SHL16-6	607	390	997	260	208	77
SHL16-7	652	390	1042	260	208	84
SHL16-8	697	390	1087	260	208	86
SHL16-10	875	500	1375	330	255	158
SHL16-12	965	500	1465	330	255	161
SHL16-14	1055	500	1555	330	255	174
SHL16-16	1145	500	1645	330	255	178

The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.

SHL20, 50Hz

● Performance curve

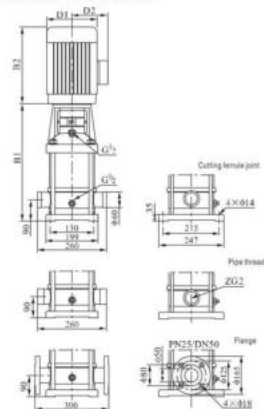
2900rpm



● Performance table

MODEL	DRIVING MOTOR (kW)	Q (m³/h)	H (m)															
			10	12	14	16	18	20	22	24	26	28						
SHL20-1	1.1		13.5	13	12.5	12	11	10	9	8	7	6						
SHL20-2	2.2		27	26.5	26	25	24	23	22	20	18	15						
SHL20-3	4.0		40	39.5	39	38	37	35	33	30	27	24						
SHL20-4	5.5		54	53	52	51	49	47	44	41	37	33						
SHL20-5	5.5		67	66	64	62	60	58	55	50	45	40						
SHL20-6	7.5		81	79	77	75	73	70	66	61	55	49						
SHL20-7	7.5		95	93	91	89	86	82	77	71	65	58						
SHL20-8	11		109	107	105	102	99	94	89	82	75	67						
SHL20-10	11		136	134	131	128	124	118	111	103	95	85						
SHL20-12	15		164	162	158	154	149	142	133	124	114	102						
SHL20-14	15		192	189	185	180	174	166	156	145	133	119						
SHL20-17	18.5		234	230	225	219	212	202	190	177	162	145						

● Installation sketch



The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Please contact us for details.

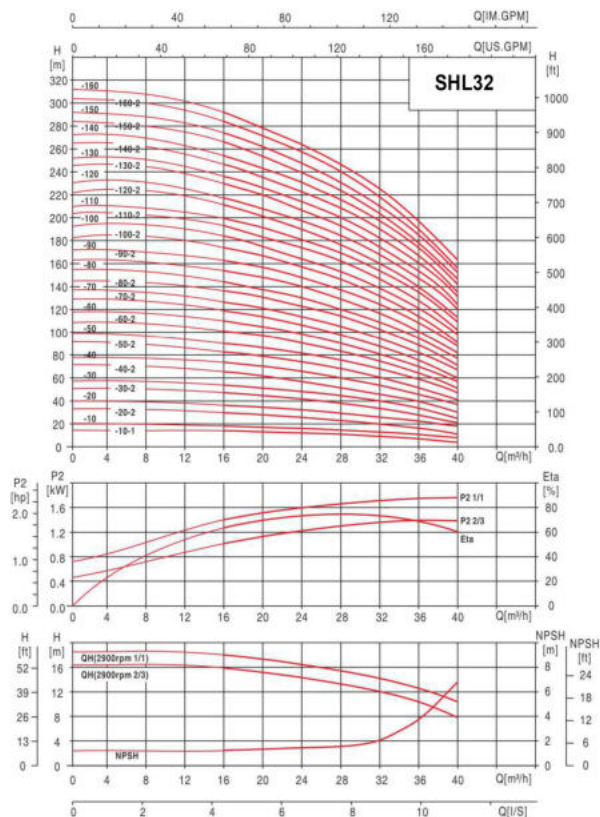
● Size and weight

MODEL	Size(mm)				Weight (kg)
	B1	B2	B1+B2	D1 D2	
SHL20-1	387	245	632	170 142	33
SHL20-2	397	290	687	190 155	42
SHL20-3	452	355	807	230 188	58
SHL20-4	517	390	907	260 208	74
SHL20-5	562	390	952	260 208	76
SHL20-6	607	390	997	260 208	82
SHL20-7	652	390	1042	260 208	84
SHL20-8	785	500	1285	330 255	153
SHL20-10	875	500	1375	330 255	157
SHL20-12	965	500	1465	330 255	170
SHL20-14	1055	500	1555	330 255	172
SHL20-17	1190	550	1740	330 255	195

SHL32,50Hz

● Performance curve

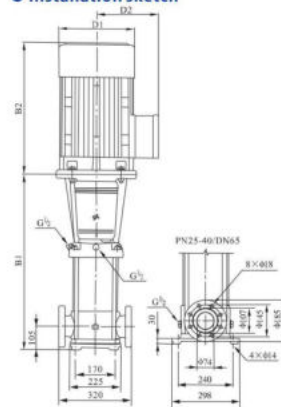
2900rpm



● Performance table

MODEL	SHYWF MOTOR		Q (m³/h)							MODEL	SHYWF MOTOR		Q (m³/h)						
	(kW)	(hp)	16	20	24	28	32	36	40		(kW)	(hp)	16	20	24	28	32	36	40
SHL32-1-1	1.5	3	14	13	12	11	9	7	4	CDL32-90-2	18.5	25	154	148	140	128	117	102	82
SHL32-1	2.2	3	18	17	15	14	13	11	8	CDL32-90	18.5	25	182	156	147	136	124	109	88
SHL32-2-2	3.0	4	29	28	26	23	20	16	11	CDL32-100-2	18.5	25	175	166	157	146	131	115	91
SHL32-2	4.0	5.5	36	34	32	29	27	23	18	CDL32-100	18.5	25	182	173	164	152	138	122	98
SHL32-3-2	5.5	7.5	47	44	41	38	33	28	21	CDL32-110-2	22	30	193	184	173	164	146	128	102
SHL32-3	5.5	7.5	54	51	48	44	40	35	27	CDL32-110	22	30	200	191	180	168	153	135	109
SHL32-4-2	7.5	10	65	62	58	53	46	40	30	CDL32-120-2	22	30	211	201	189	178	160	140	113
SHL32-4	7.5	10	72	69	65	59	53	47	37	CDL32-120	22	30	218	208	196	184	167	147	120
SHL32-5-2	11	15	83	79	74	68	60	52	41	CDL32-130-2	30	40	230	218	206	193	174	153	124
SHL32-5	11	15	90	86	81	74	67	59	47	CDL32-130	30	40	237	225	213	200	181	160	131
SHL32-6-2	11	15	101	97	90	83	74	65	51	CDL32-140-2	30	40	247	235	222	210	189	165	135
SHL32-6	11	15	108	104	97	90	81	72	57	CDL32-140	30	40	255	242	229	216	196	172	142
SHL32-7-2	15	20	119	114	107	98	88	78	60	CDL32-150-2	30	40	266	253	239	224	203	178	145
SHL32-7	15	20	126	121	113	105	95	85	67	CDL32-150	30	40	274	260	246	231	210	185	152
SHL32-8-2	15	20	136	131	123	114	102	90	71	CDL32-160-2	30	40	284	270	255	240	218	190	156
SHL32-8	15	20	144	138	130	120	109	97	77	CDL32-160	30	40	292	277	262	246	225	197	163

● Installation sketch



● Size and weight

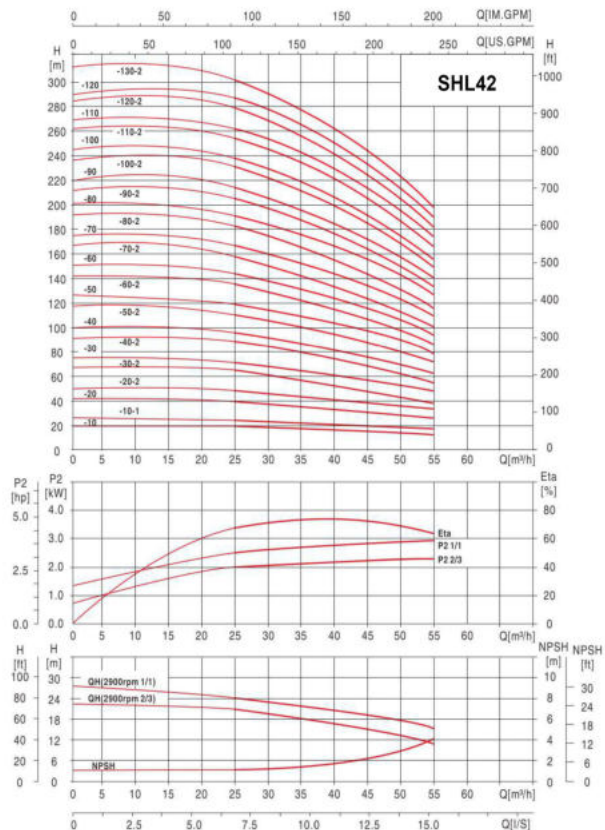
MODEL	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SHL32-1-1/SHL32-1	505	290	795	190	155	64/68
SHL32-2-2/SHL32-2	575	345/355	920/930	190/230	165/180	77/85
SHL32-3-2/SHL32-3	645	390	1035	260	208	100
SHL32-4-2/SHL32-4	715	390	1105	260	208	109
SHL32-5-2/SHL32-5	890	500	1390	330	255	181
SHL32-6-2/SHL32-6	960	500	1460	330	255	185
SHL32-7-2/SHL32-7	1030	500	1530	330	255	199
SHL32-8-2/SHL32-8	1100	500	1600	330	255	203
SHL32-9-2/SHL32-9	1170	550	1720	330	255	222
SHL32-10-2/SHL32-10	1240	550	1790	330	255	227
SHL32-11-2/SHL32-11	1310	575	1885	360	285	272
SHL32-12-2/SHL32-12	1380	575	1955	360	285	276
SHL32-13-2/SHL32-13	1450	650	2100	400	310	337
SHL32-14-2/SHL32-14	1520	650	2170	400	310	341
SHL32-15-2/SHL32-15	1590	650	2240	400	310	345
SHL32-16-2/SHL32-16	1660	650	2310	400	310	350

The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.

SHL42, 50Hz

● Performance curve

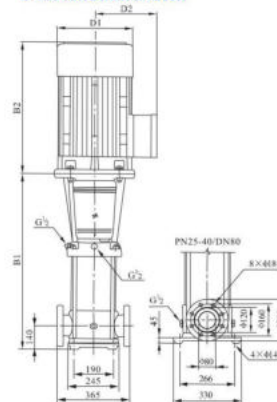
2900rpm



● Performance table

MODEL	DRIVINF MOTOR		Q (m³/h)	H (m)								
	(kW)	(hp)		25	30	35	40	42	45	50	55	
SHL42-1-1	3.0	4	20	19	18	17	16	15	13	11		
SHL42-1	4.0	5.5	24	23	22	21	20	19	18	16		
SHL42-2-2	5.5	7.5	40	38	36	33	32	30	27	23		
SHL42-2	7.5	10	48	46	44	42	41	39	35	31		
SHL42-3-2	11	15	63	61	58	54	52	50	44	38		
SHL42-3	11	15	71	69	66	63	61	58	53	47		
SHL42-4-2	15	20	87	84	80	75	73	69	62	54		
SHL42-4	15	20	95	92	88	84	81	78	71	62		
SHL42-5-2	18.5	25	111	107	102	96	93	88	80	69		
SHL42-5	18.5	25	119	115	110	105	101	97	89	78		
SHL42-6-2	22	30	135	130	124	117	113	108	97	85		
SHL42-6	22	30	143	138	132	125	122	116	106	93		
SHL42-7-2	30	40	158	152	146	138	134	127	115	100		
SHL42-7	30	40	166	161	154	146	142	135	124	109		
SHL42-8-2	30	40	182	175	168	159	154	146	133	116		
SHL42-8	30	40	190	184	176	167	162	154	141	124		
SHL42-9-2	30	40	205	198	190	180	174	166	150	132		
SHL42-9	37	40	214	207	198	188	183	174	159	140		
SHL42-10-2	37	50	230	221	212	200	194	185	168	147		
SHL42-10	37	50	238	230	220	209	203	193	177	155		
SHL42-11-2	45	60	255	246	236	223	217	206	188	165		
SHL42-11	45	60	263	255	244	232	225	214	196	173		
SHL42-12-2	45	60	280	270	259	245	238	226	206	181		
SHL42-12	45	60	289	280	268	255	247	236	216	190		
SHL42-13-2	45	60	305	294	282	267	259	247	225	198		

● Installation sketch



● Size and weight

MODEL	Size(mm)				Weight (kg)	
	B1	B2	B1+B2	D1		D2
SHL42-1-1	561	345/355	906/916	197/230	165/188	83/90
SHL42-1						
SHL42-2-2	641	390	1031	260	208	105/110
SHL42-2						
SHL42-3-2	826	500	1326	330	255	183
SHL42-3						
SHL42-4-2	906	500	1406	330	255	197
SHL42-4						
SHL42-5-2	886	550	1536	330	255	221
SHL42-5						
SHL42-6-2	1066	575	1641	360	285	261
SHL42-6						
SHL42-7-2	1146	650	1796	400	310	320
SHL42-7						
SHL42-8-2	1226	650	1876	400	310	320
SHL42-8						
SHL42-9-2	1306	650	1956	400	310	328/352
SHL42-9						
SHL42-10-2	1386	650	2036	400	310	355
SHL42-10						
SHL42-11-2	1466	685	2151	450	345	426
SHL42-11						
SHL42-12-2	1546	685	2231	450	345	432
SHL42-12						
SHL42-13-2	1826	685	2311	450	345	438

The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.