

SP



4SP

ELECTRIC
SUBMERSIBLE

PUMP



4SP

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50°C
 Maximum sand content: 0.25%
 Minimum well diameter: 4"

Motor and Pump

Rewindable motor
 Three-phase: 220V/60Hz or 380V/60Hz
 Single-phase: 110V/60Hz or 220V/60Hz
 Equip with start control box or digital auto-control box
 NEMA dimension standards
 Curve tolerance according to ISO 9906

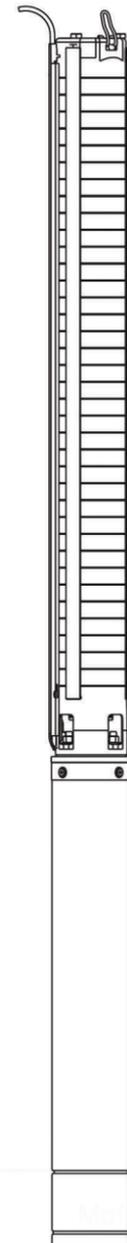
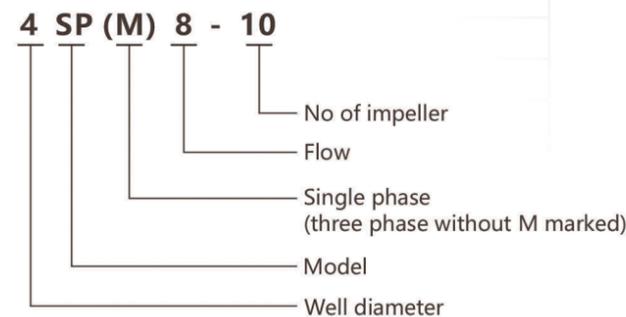
Options on request

Special mechanical seal
 Other voltages or frequency 50Hz
 Single phase motor with built-in capacitor

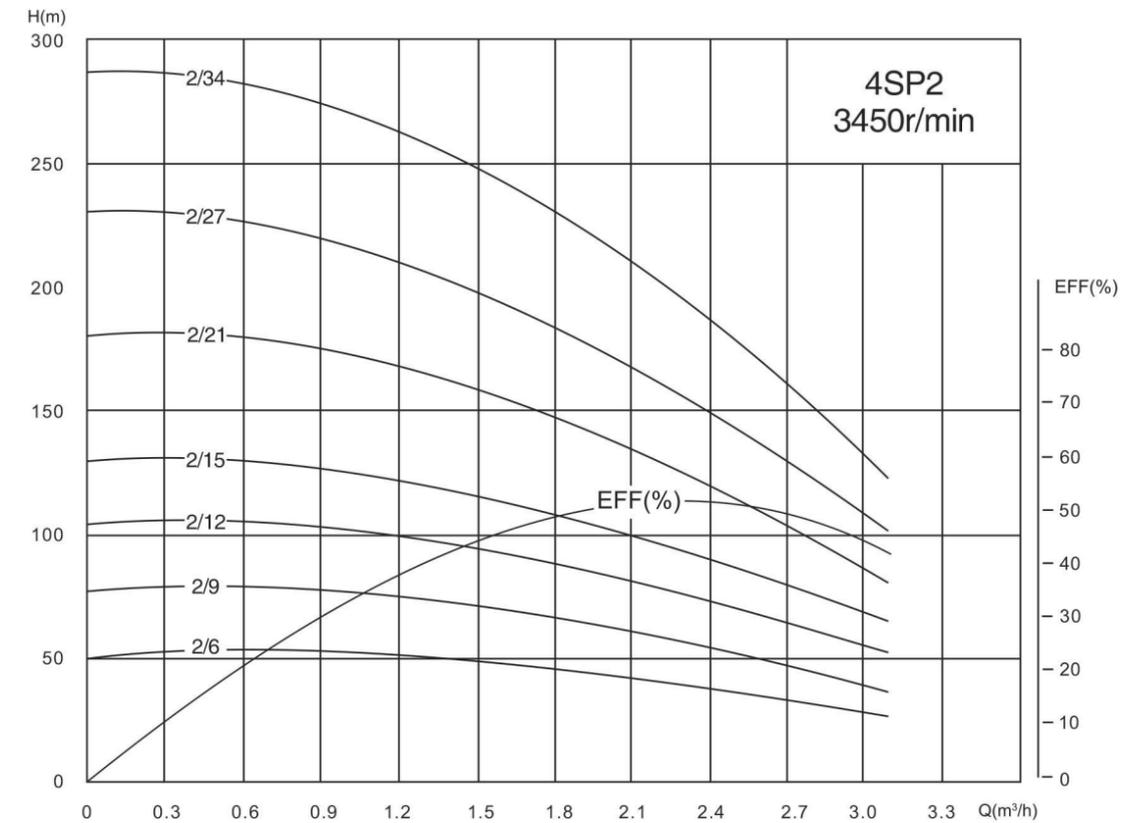
Warranty: 1 year

(according to our general sales conditions)

Components	Material
Discharge head	304 SS
Suction lantern	304 SS
Diffuser	304 SS
Impeller	304 SS
Shaft	304 SS
Coupling	304 SS
Wear ring	Rubber
Motor external casing	304 SS
Top chock	Cast-iron
	Cast-Cu
Bottom support	304 SS
Shaft	304 SS-5140
Mechanical seal	Special seal for well pump
Seal lubricant oil	Oil for food machinery



Performance curve

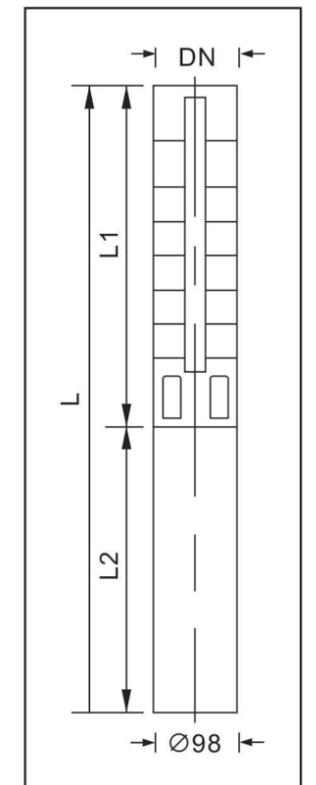


Performance data

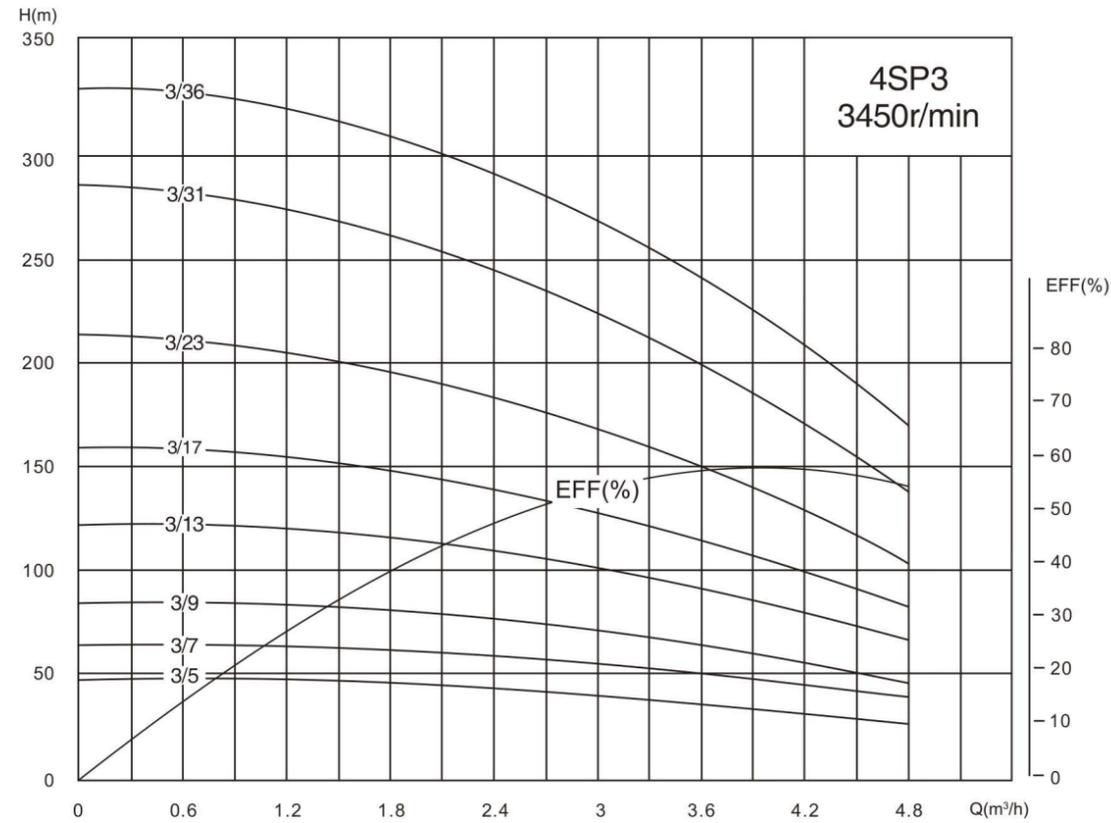
Model	Power	Q(m³/h)	0	1.2	1.8	2.1	2.4	3.0
4SP2/6	0.37	H(m)	51	46	40	37	33	22
4SP2/9	0.37		77	69	61	56	50	33
4SP2/12	0.55		103	94	83	76	69	49
4SP2/15	0.75		128	110	99	90	80	58
4SP2/21	1.1		179	160	141	130	117	79
4SP2/27	1.5		229	201	180	166	148	101
4SP2/34	2.2		287	255	225	207	183	126

Installation dimensions and weight

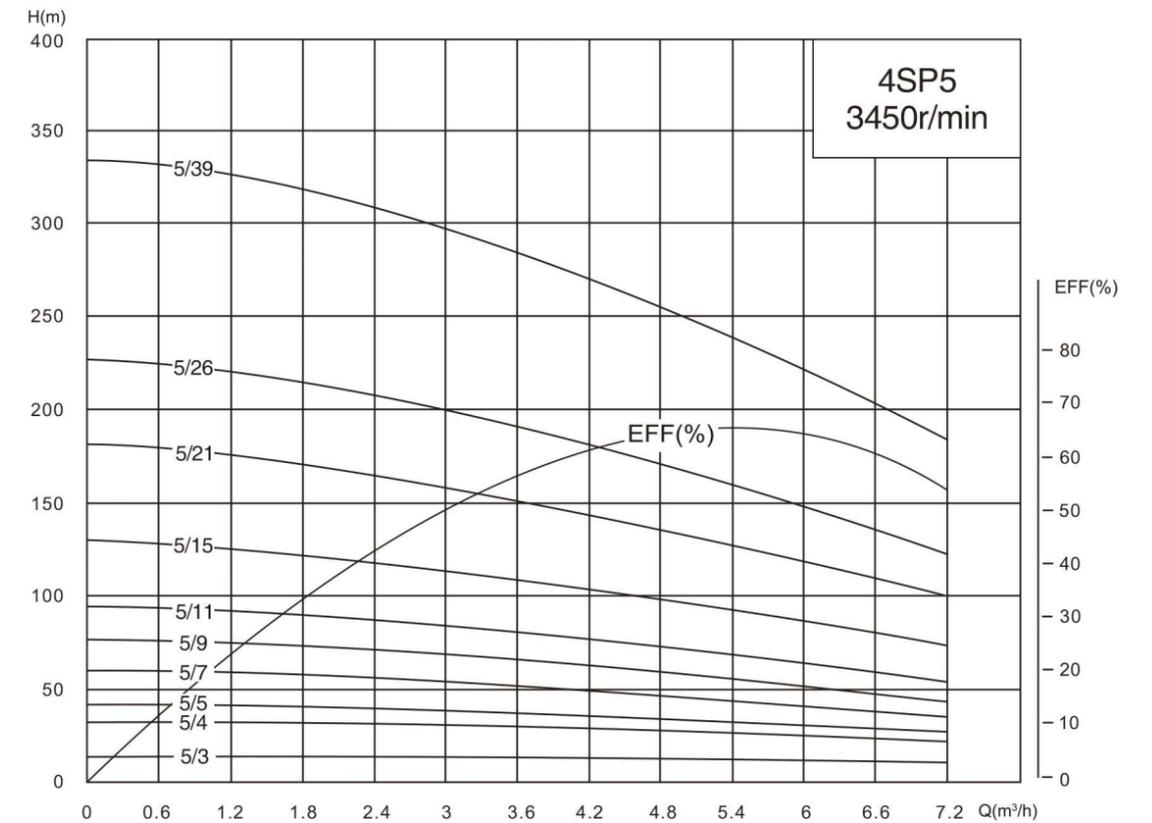
Model	Power	L1(mm)	L2(mm)	L=L1+L2	DN	KG PUMP	KG MOTOR
4SP2/6	0.37	291	324	615	1.25"	2.6	9
4SP2/9	0.37	354	324	678		3.2	9
4SP2/12	0.55	417	344	761		3.8	9.8
4SP2/15	0.75	468	369	837		4.4	11
4SP2/21	1.1	606	404	1010		5.7	13
4SP2/27	1.5	732	449	1181		7	15
4SP2/34	2.2	879	539	1418		8.3	17



Performance curve



Performance curve

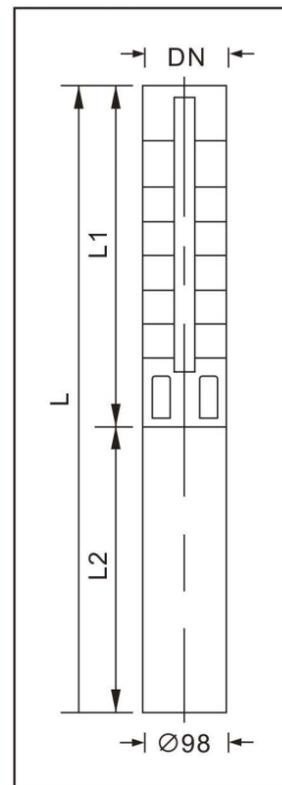


Performance data

Model	Power	Q(m³/h)	0	2.1	2.4	3.0	3.6	4.8
4SP3/5	0.37	H(m)	47	39	38	36	31	20
4SP3/7	0.55		66	54	53	51	46	31
4SP3/9	0.75		85	71	70	65	58	39
4SP3/13	1.1		123	103	101	94	84	57
4SP3/17	1.5		160	133	129	120	108	70
4SP3/23	2.2		216	177	173	160	143	90
4SP3/31	3.0		290	239	232	214	193	122
4SP3/36	3.7		337	285	277	256	230	152

Installation dimensions and weight

Model	Power	L1(mm)	L2(mm)	L=L1+L2	DN	KG PUMP	KG MOTOR
4SP3/5	0.37	276	324	600	1.25"	2.4	9
4SP3/7	0.55	312	344	656		2.7	9.8
4SP3/9	0.75	354	369	723		3.1	11
4SP3/13	1.1	438	404	842		3.8	13
4SP3/17	1.5	522	449	971		4.3	15
4SP3/23	2.2	648	539	1187		5.6	17
4SP3/31	3.0	841	557	1398		8.6	17.6
4SP3/36	3.7	946	637	1583		8.6	20.7

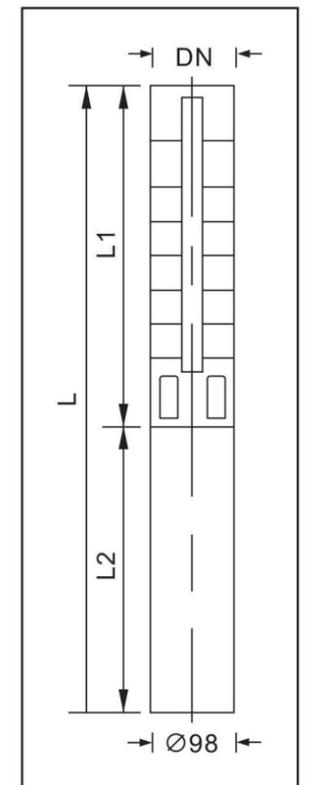


Performance data

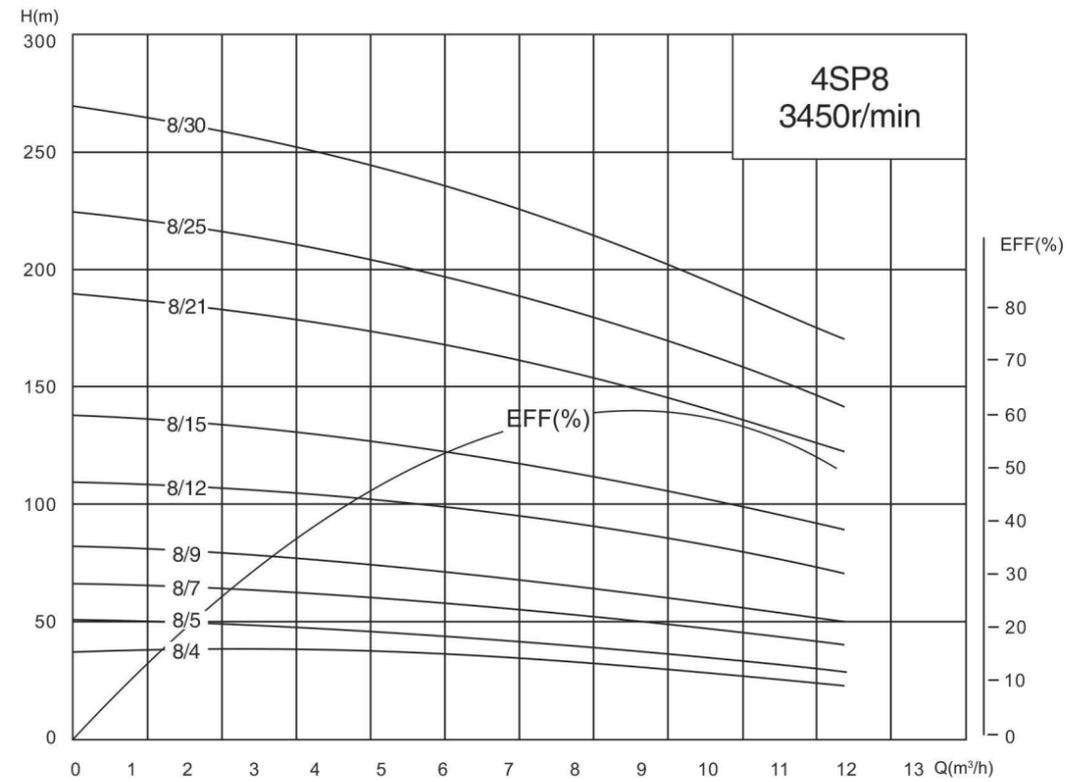
Model	Power	Q(m³/h)	0	3.6	4.2	4.8	5.4	7.2
4SP5/3	0.37	H(m)	28	22	21	20	19	12
4SP5/4	0.37		36	30	28	26	24	17
4SP5/5	0.55		47	38	36	33	31	22
4SP5/7	0.75		64	52	50	47	42	30
4SP5/9	1.1		83	68	63	59	55	40
4SP5/11	1.5		100	83	79	72	68	51
4SP5/15	2.2		135	110	106	99	91	70
4SP5/21	3.0		190	153	146	137	128	97
4SP5/26	3.7		236	192	183	172	162	121
4SP5/39	5.5		348	290	278	262	246	183

Installation dimensions and weight

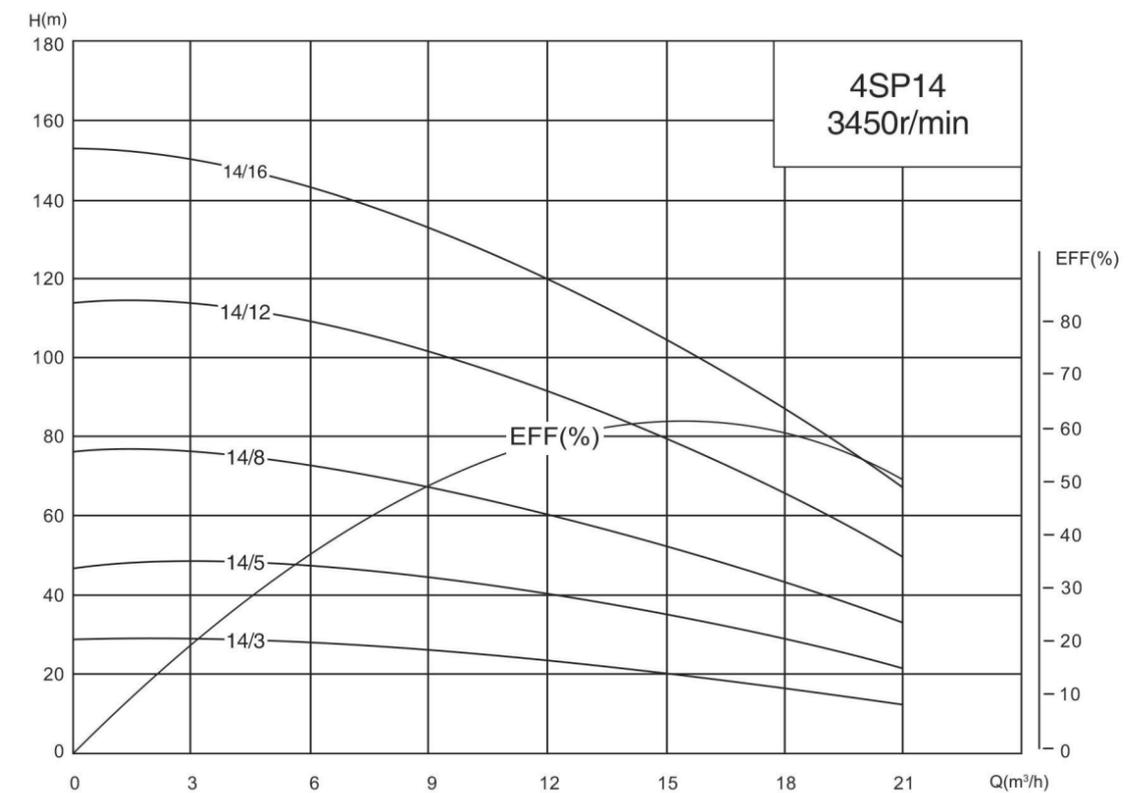
Model	Power	L1(mm)	L2(mm)	L=L1+L2	DN	KG PUMP	KG MOTOR
4SP5/3	0.37	230	324	554	1.5"	2.0	9
4SP5/4	0.37	251	324	575		2.2	9
4SP5/5	0.55	272	344	616		2.4	9.8
4SP5/7	0.75	314	369	683		2.8	11
4SP5/9	1.1	356	404	760		3.2	13
4SP5/11	1.5	398	449	847		3.6	15
4SP5/15	2.2	482	539	1021		4.4	17
4SP5/21	3.0	608	557	1165		5.3	17.6
4SP5/26	3.7	713	637	1350		6.7	20.7
4SP5/39	5.5	1020	712	1732		11.1	25.7



Performance curve



Performance curve



Performance data

Model	Power	Q(m³/h)	0	4.8	5.4	8.4	10.8	12
4SP8/4	0.75	H(m)	34	31	30	25	22	18
4SP8/5	1.1		43	39	38	34	27	22
4SP8/7	1.5		60	52	51	44	39	32
4SP8/9	2.2		77	64	62	57	49	42
4SP8/12	3.0		102	90	89	80	70	61
4SP8/15	3.7		129	112	110	99	88	77
4SP8/21	5.5		179	157	153	138	121	108
4SP8/25	5.5		213	183	180	163	142	124
4SP8/30	7.5		255	220	217	197	171	150

Performance data

Model	Power	Q(m³/h)	0	8.4	10.8	12	15.0	21
4SP14/3	1.5	H(m)	29	26	25	24	22	13
4SP14/5	2.2		48	44	42	41	27	23
4SP14/8	3.7		77	66	63	62	57	39
4SP14/12	5.5		115	100	96	93	84	53
4SP14/16	7.5		154	131	126	123	112	69

Installation dimensions and weight

Model	Power	L1(mm)	L2(mm)	L=L1+L2	DN	KG PUMP	KG MOTOR
4SP8/4	0.75	343	369	712	2"	3.6	11
4SP8/5	1.1	385	404	789		4.1	13
4SP8/7	1.5	469	449	918		5.1	15
4SP8/9	2.2	553	539	1092		6.1	17
4SP8/12	3.0	679	557	1236		7.6	17.6
4SP8/15	3.7	805	637	1442		9.1	20.7
4SP8/21	5.5	1057	712	1769		12.1	25.7
4SP8/25	5.5	1225	712	1937		14.1	25.7
4SP8/30	7.5	1435	847	2282		16.6	32.3

Installation dimensions and weight

Model	Power	L1(mm)	L2(mm)	L=L1+L2	DN	KG PUMP	KG MOTOR
4SP14/3	1.5	375	449	824	2"	4.7	15
4SP14/5	2.2	505	539	1044		5.8	17
4SP14/8	3.7	700	637	1337		7.7	20.7
4SP14/12	5.5	960	712	1672		10.1	25.7
4SP14/16	7.5	1220	847	2067		12.5	32.3

