



LSP 4" SK

DEEP WELL 4" SUBMERSIBLE PUMPS

SK SERIES



PRODUCT CATALOGUE



About Letra Co.

Your global partner in water technologies, "Letra A.S."

LETRA Water Technologies and Engineering is a global partnership company that provides engineering, consultancy, project design and product supply for pump systems.

Letra A.S. is a strong solution partner in the process of consulting, choosing the right product, product supply and commissioning them in fluid pump systems for industrial, agricultural and drinking water supply systems especially for Borehole Submersible Pumps and Motors, Vertical Turbine Pumps & Geothermal Pumps.

The founders of Letra A.S., Mechanical Engineer Ersan AKSEN and Electrical Engineer Serkan VAROL has brought innovations to the sector with their 25 years of experience and has completed many successful pump projects.

Letra A.S. provides consultancy and engineering services to select high efficiency pumps in the most accurate way. With a detailed feasibility study and makes reporting by evaluating result of feasibility studies with scientific

methodologies. Furthermore, identifies suitable instruments according to actual needs. In addition to that, provides the budgeting of project by performing investment/benefit analysis. Cooperates in obtaining the system requirements from the "most correct" supplier. Taking an active role in all processes, for correct budgeting.

Letra A.S., established in Turkey / Izmir as a project consultancy and engineering company for pump systems and become a global company that also provides best quality product to the whole world by undertaking the representation and dealership of many brands. Whether you want to get information about your pump systems needs or you need a reliable partners for a reliable products, you can always consult us.

GENERAL INFO

Today, the importance of energy consumption is increasing day by day. It is now much more important to consider the operating costs, investment costs and evaluate the lifetime cost of the pump plants.

4" submersible pumps are ideal and economical solution for domestic and individual water supply such as agricultural irrigation, industrial facilities etc. They have an important task in transporting water from deep wells to the ground undertakes. 4" submersible pumps are highly preferable because of being economic & trouble-free solution. they do not cause noise and vibration due to operation

in deep well water. The possible faults are very few because of compact structure and operation conditions.

The 4" submersible pumps that we offer are high quality products manufactured in internationally accepted standards. It is highly preferred due to quality, high efficiency, easy maintenance & assembly.



APPLICATIONS:

- Agricultural irrigation
- Drinking water supply
- Industrial plants
- Water supply from boreholes
- Pressurization applications
- Mining
- Sprinklers

GENERAL FEATURES:

- High efficiency
- Long life
- Low operating cost
- NEMA Connection Standards
- Allowable Maximum Sand Content 50g / m³
- Easy installation and service

TECHNICAL FEATURES:

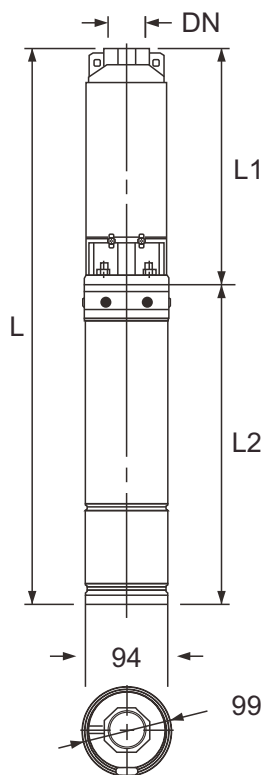
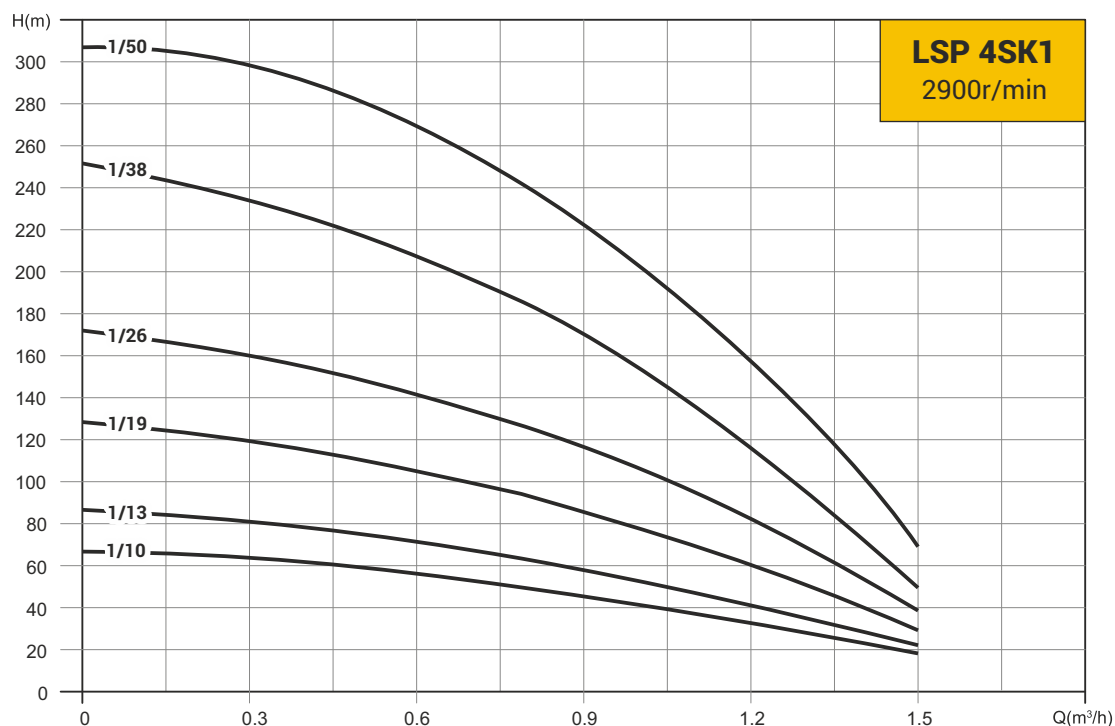
Dimensions	4"
Max. Altitude Above Sea Level	1000 meter
Maximum Depth	70 meter
Max. Ambient Temperature	+30 °C
Maximum Motor Power	7.5 kW
Allowable Max. Sand Content	50g/m ³

MATERIALS

Discharge Chamber, Pump Shaft, Wear Box, Check Valve Retainer, Strainer, Coupling, Cylinder, Sleeve, Cable Guard	Stainless Steel
Top Diffuser, Diffuser	PC
Impeller	PPO
O ring	NBR
Bearing	Polyurethane

PRODUCT CODE SYSTEM

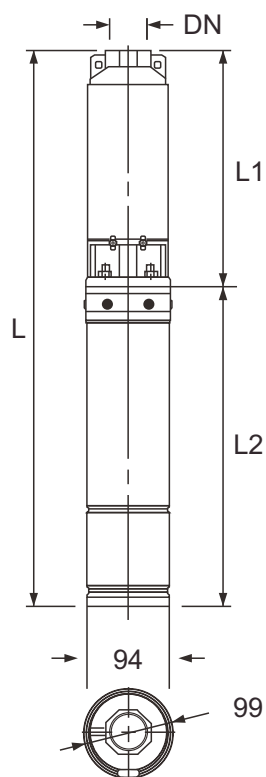
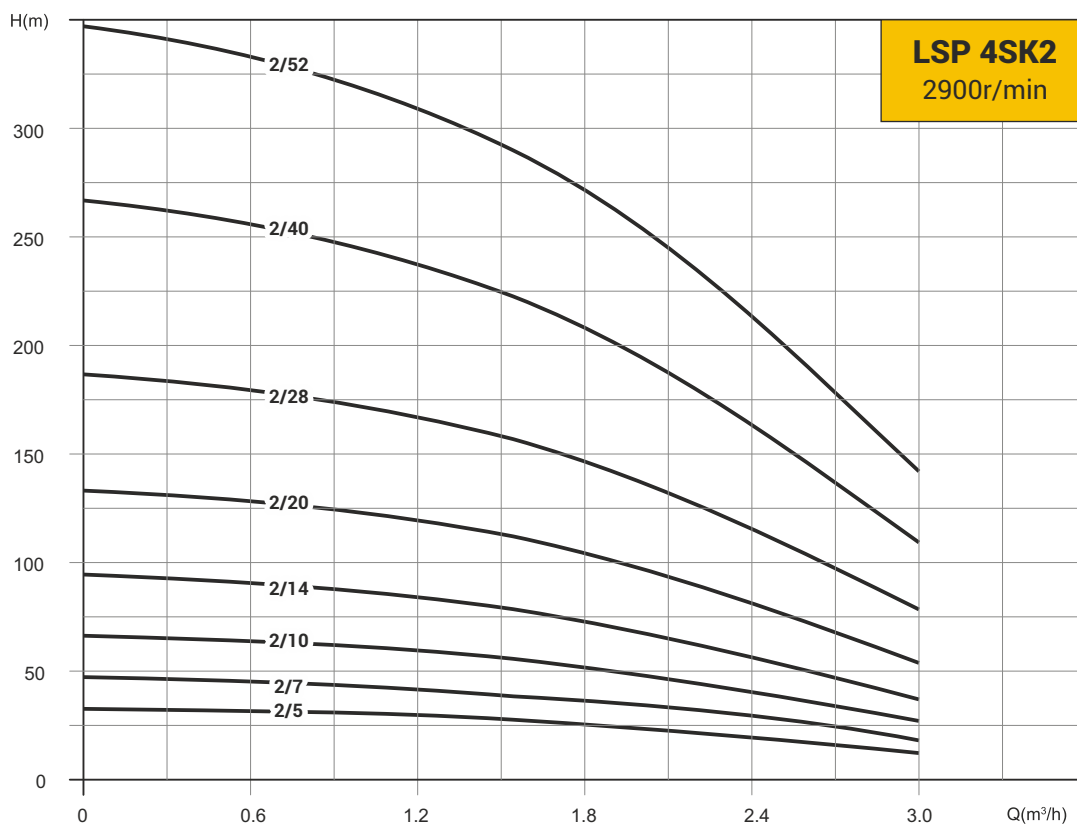



PERFORMANCE CURVE

Performance Data

Model	Power	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5
LSP4SK1/10	0.37	H(m)	67	63	55	46	33	18
LSP4SK1/13	0.37		86	78	70	56	42	23
LSP4SK1/19	0.55		126	118	105	86	60	30
LSP4SK1/26	0.75		173	160	141	117	81	39
LSP4SK1/38	1.1		253	234	208	169	117	52
LSP4SK1/50	1.5		318	295	266	218	158	70

Installation Dimensions and Weight

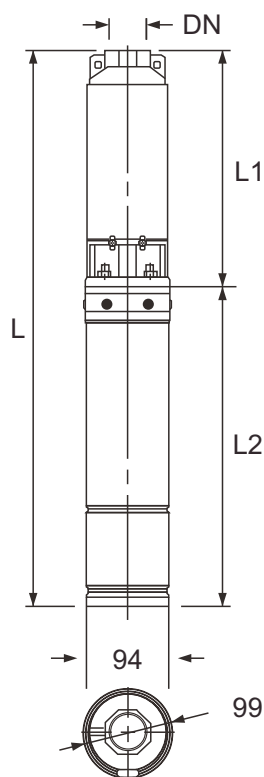
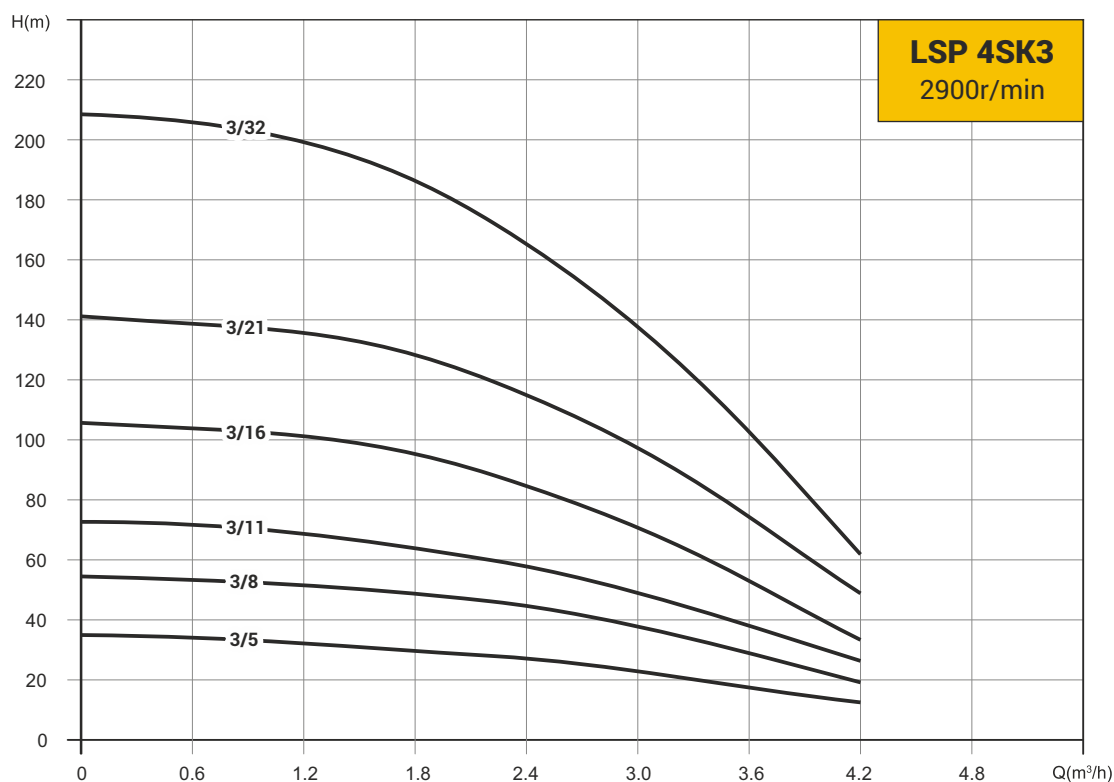
Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK1/10	0.37	331	324	655	1.25"	3.3	9
LSP4SK1/13	0.37	383	324	707		3.7	9
LSP4SK1/19	0.55	488	344	832		4.7	9.8
LSP4SK1/26	0.75	610	369	979		5.8	11
LSP4SK1/38	1.1	896	404	1300		8.2	13
LSP4SK1/50	1.5	1110	449	1559		10.1	15


PERFORMANCE CURVE

Performance Data

Model	Power	Q(m ³ /h)	0	1.5	1.8	2.1	2.4	2.7	3
LSP4SK2/5	0.37	H(m)	33	28	26	24	20	17	13
LSP4SK2/7	0.37		47	39	35	32	28	24	19
LSP4SK2/10	0.55		67	56	52	47	41	35	27
LSP4SK2/14	0.75		93	78	73	66	57	50	37
LSP4SK2/20	1.1		133	113	104	97	82	72	53
LSP4SK2/28	1.5		187	158	146	130	115	97	74
LSP4SK2/40	2.2		267	226	208	186	164	136	106
LSP4SK2/52	3		347	294	271	243	213	178	138

Installation Dimensions and Weight

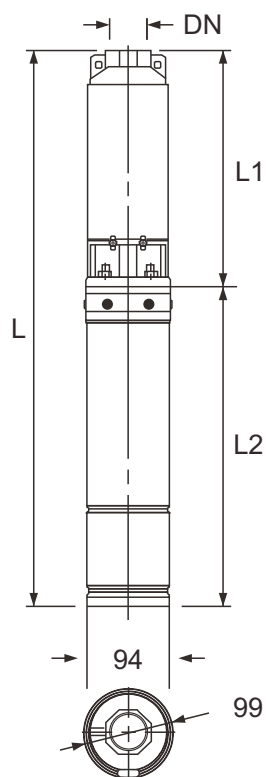
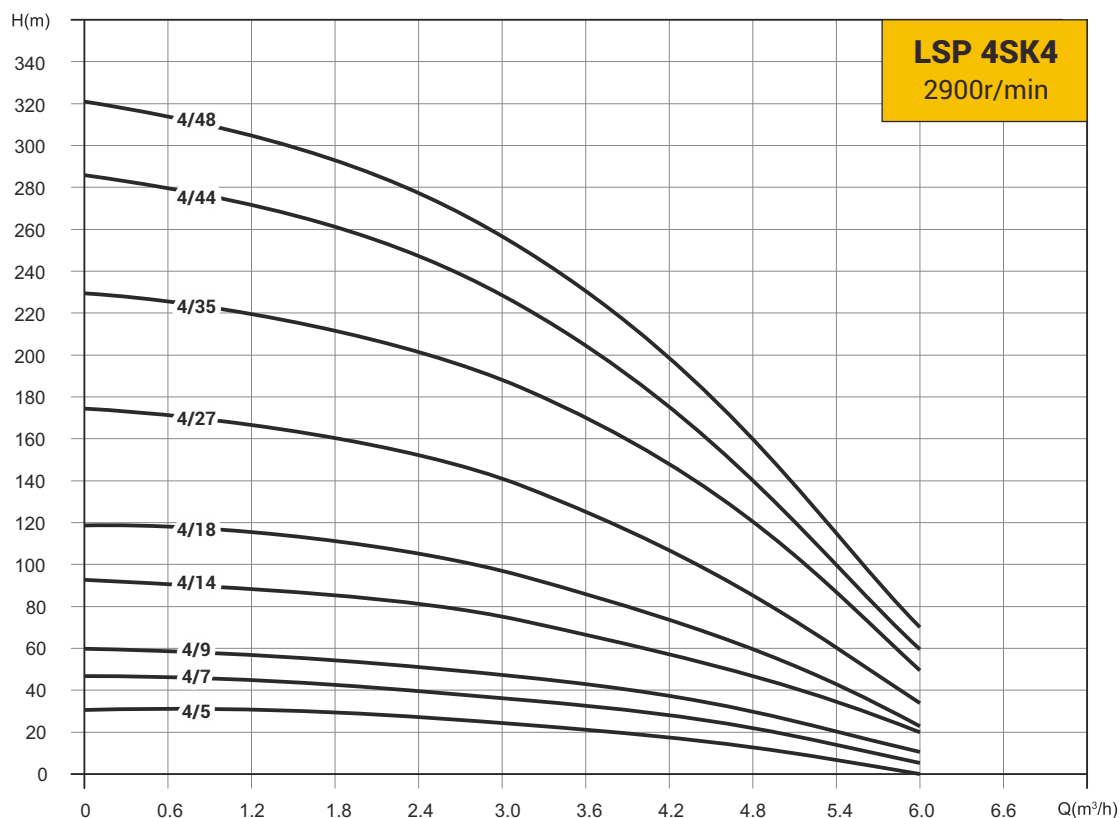
Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK2/5	0.37	253	324	577	1.25"	2.6	9
LSP4SK2/7	0.37	292	324	616		2.9	9
LSP4SK2/10	0.55	350	344	694		3.5	9.8
LSP4SK2/14	0.75	428	369	797		4.2	11
LSP4SK2/20	1.1	545	404	949		5.3	13
LSP4SK2/28	1.5	701	449	1150		7.1	15
LSP4SK2/40	2.2	1011	539	1550		10.1	17
LSP4SK2/52	3	1153	557	1710		12.2	17.6


PERFORMANCE CURVE

Performance Data

Model	Power	Q(m³/h)	0	2.1	2.4	2.7	3.0	3.6	4.2
LSP4SK3/5	0.37	H(m)	34	29	27	25	23	18	12
LSP4SK3/8	0.55		54	46	43	41	38	30	19
LSP4SK3/11	0.75		72	61	56	54	49	38	28
LSP4SK3/16	1.1		106	89	83	77	70	54	34
LSP4SK3/21	1.5		142	122	115	108	100	79	49
LSP4SK3/32	2.2		208	177	165	152	138	104	64

Installation Dimensions and Weight

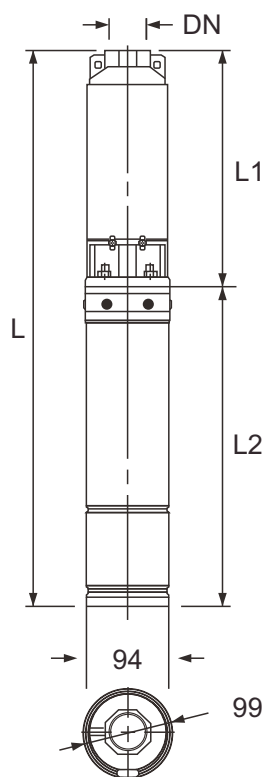
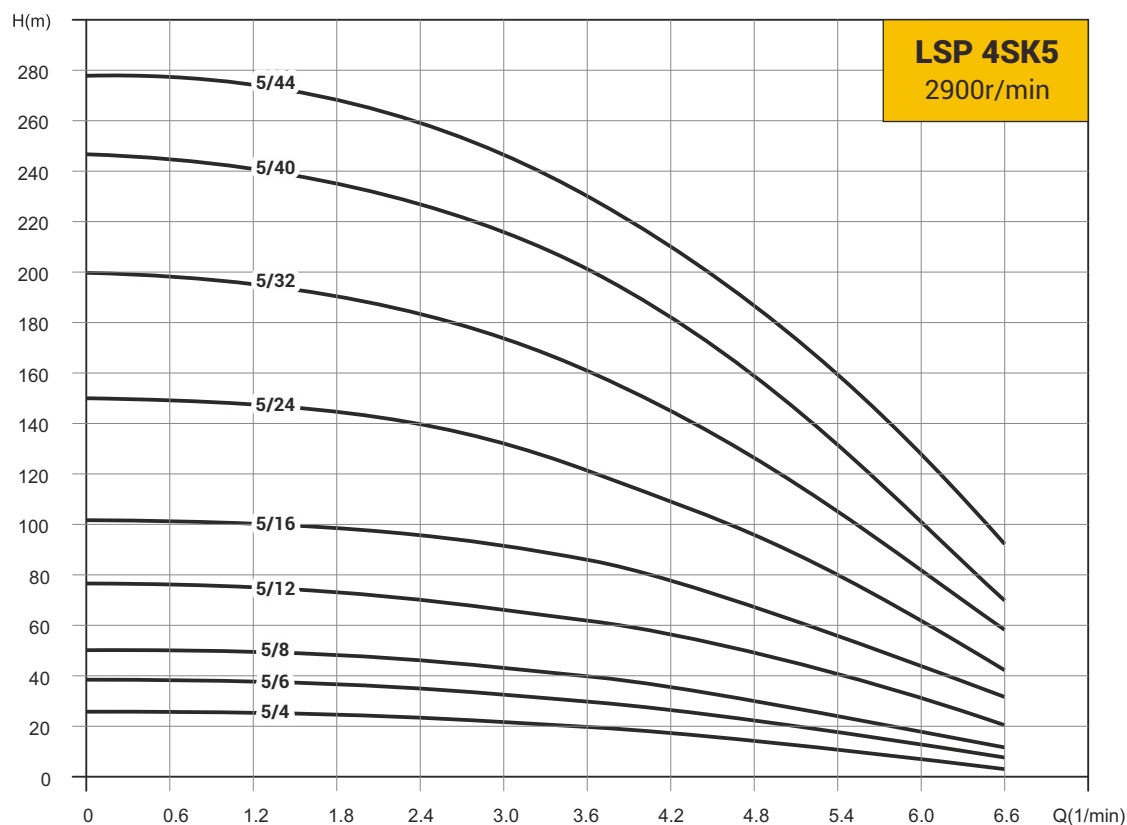
Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK3/5	0.37	253	324	577	1.25"	2.5	9
LSP4SK3/8	0.55	313	344	657		2.9	9.8
LSP4SK3/11	0.75	370	369	739		3.4	11
LSP4SK3/16	1.1	468	404	872		4.2	13
LSP4SK3/21	1.5	565	449	1014		5	15
LSP4SK3/32	2.2	856	539	1395		7.1	17


PERFORMANCE CURVE

Performance Data

Model	Power	Q(m³/h)	0	3	3.6	4.2	4.8	5.4	6
LSP4SK4/5	0.37	H(m)	33	22	21	17	13	8	3
LSP4SK4/7	0.55		46	36	33	28	21	13	7
LSP4SK4/9	0.75		59	47	43	37	28	20	10
LSP4SK4/14	1.1		93	76	68	58	47	33	19
LSP4SK4/18	1.5		120	98	88	75	60	42	25
LSP4SK4/27	2.2		175	141	127	109	87	61	35
LSP4SK4/35	3		231	184	166	145	119	85	49
LSP4SK4/44	4		285	223	201	173	139	99	55
LSP4SK4/48	4		322	245	228	198	160	118	70

Installation Dimensions and Weight

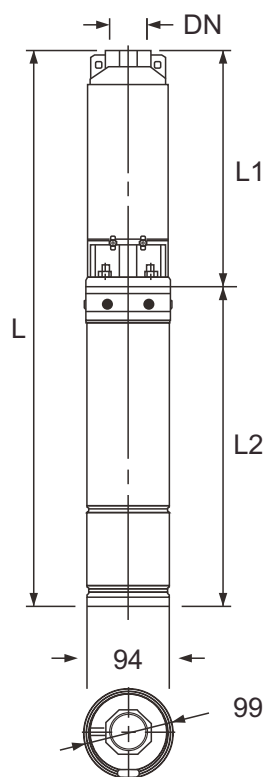
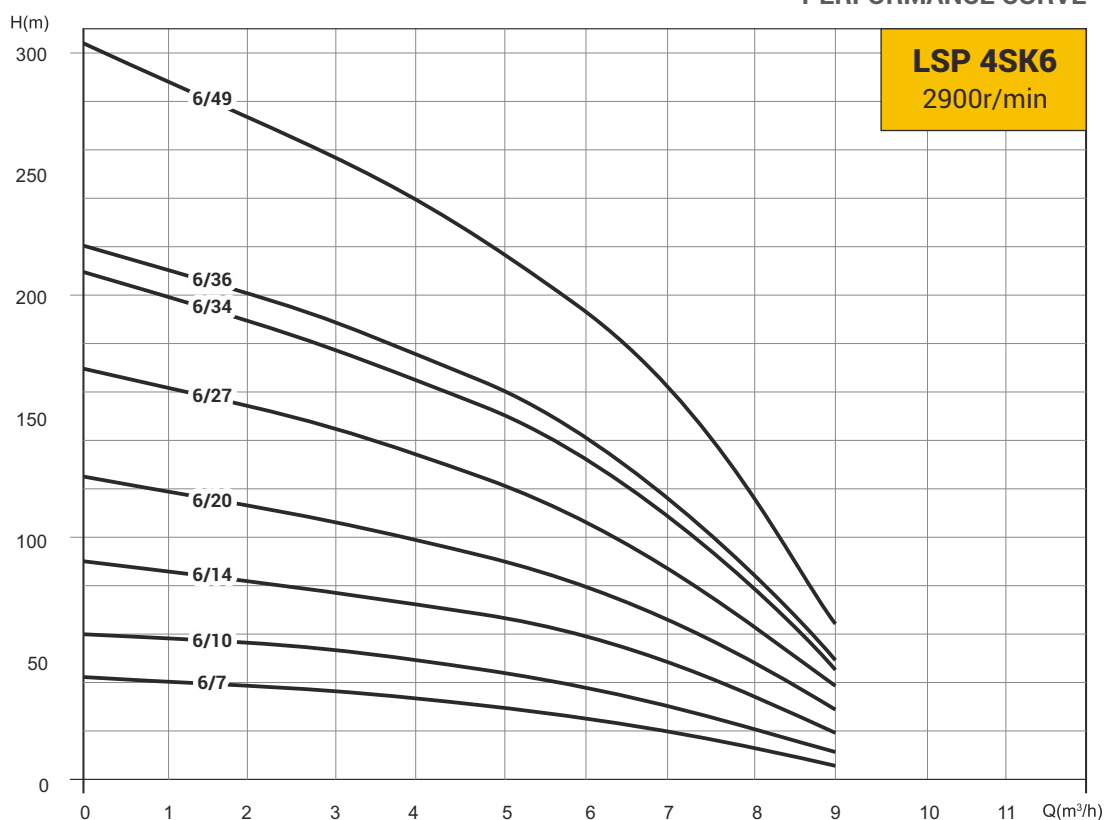
Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK4/5	0.37	263	324	587	1.25"	2.7	9
LSP4SK4/7	0.55	306	344	650		3	9.8
LSP4SK4/9	0.75	350	369	719		3.3	11
LSP4SK4/14	1.1	458	404	862		4.1	13
LSP4SK4/18	1.5	545	449	994		4.7	15
LSP4SK4/27	2.2	740	539	1279		6.2	17
LSP4SK4/35	3	990	557	1547		7.9	17.6
LSP4SK4/44	4	1185	637	1822		9.3	20.7
LSP4SK4/48	4	1272	637	1909		9.9	20.7


PERFORMANCE CURVE

Performance Data

Model	Power	Q(m ³ /h)	0	3.6	4.2	4.8	5.4	6	6.6
LSP4SK5/4	0.37	H(m)	26	19	17	14	11	7	4
LSP4SK5/6	0.55		38	30	26	22	18	12	8
LSP4SK5/8	0.75		51	39	35	30	24	18	14
LSP4SK5/12	1.1		77	63	57	49	41	31	21
LSP4SK5/16	1.5		102	86	77	68	57	46	34
LSP4SK5/24	2.2		151	122	111	97	80	62	44
LSP4SK5/32	3		203	162	146	127	105	80	59
LSP4SK5/40	4		253	202	182	159	131	102	70
LSP4SK5/44	4		278	230	210	187	159	127	94

Installation Dimensions and Weight

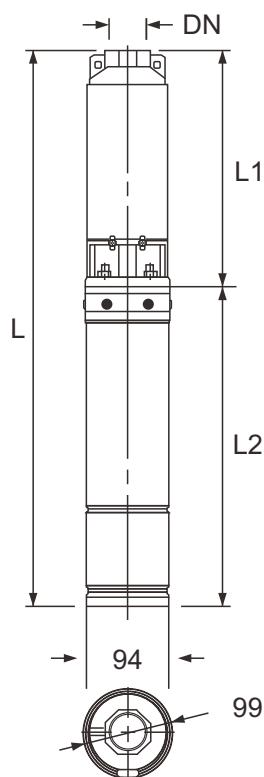
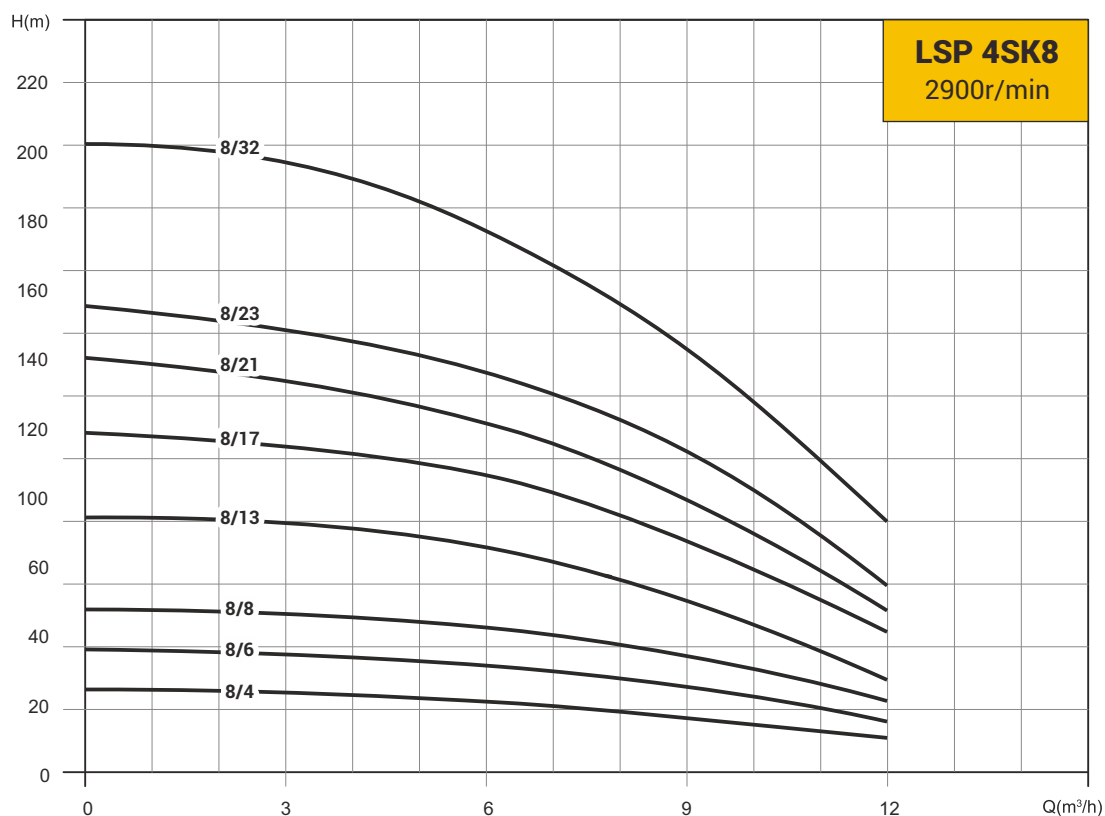
Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK5/4	0.37	253	324	577	1.25"	2.4	9
LSP4SK5/6	0.55	303	344	647		2.9	9.8
LSP4SK5/8	0.75	353	369	722		3.3	11
LSP4SK5/12	1.1	451	404	855		4.1	13
LSP4SK5/16	1.5	549	449	998		5	15
LSP4SK5/24	2.2	747	539	1286		6.6	17
LSP4SK5/32	3	1021	557	1578		8.7	17.6
LSP4SK5/40	4	1217	637	1854		10.4	20.7
LSP4SK5/44	4	1316	637	1953		11.2	20.7


PERFORMANCE CURVE

Performance Data

Model	Power	Q(m³/h)	0	5.4	6	6.6	7.2	7.8	9
LSP4SK6/7	0.75	H(m)	42	28	25	22	19	15	8
LSP4SK6/10	1.1		62	41	38	34	29	23	12
LSP4SK6/14	1.5		90	63	59	53	46	37	19
LSP4SK6/20	2.2		125	86	80	71	62	52	29
LSP4SK6/27	3		169	115	107	96	84	70	39
LSP4SK6/34	4		208	143	132	120	103	86	48
LSP4SK6/36	4		221	154	143	127	112	93	49
LSP4SK6/49	5.5		302	209	193	171	151	123	64

Installation Dimensions and Weight

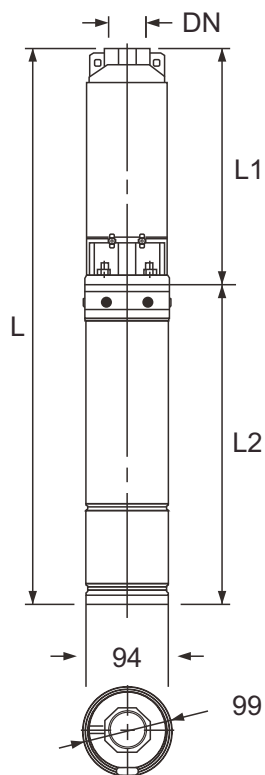
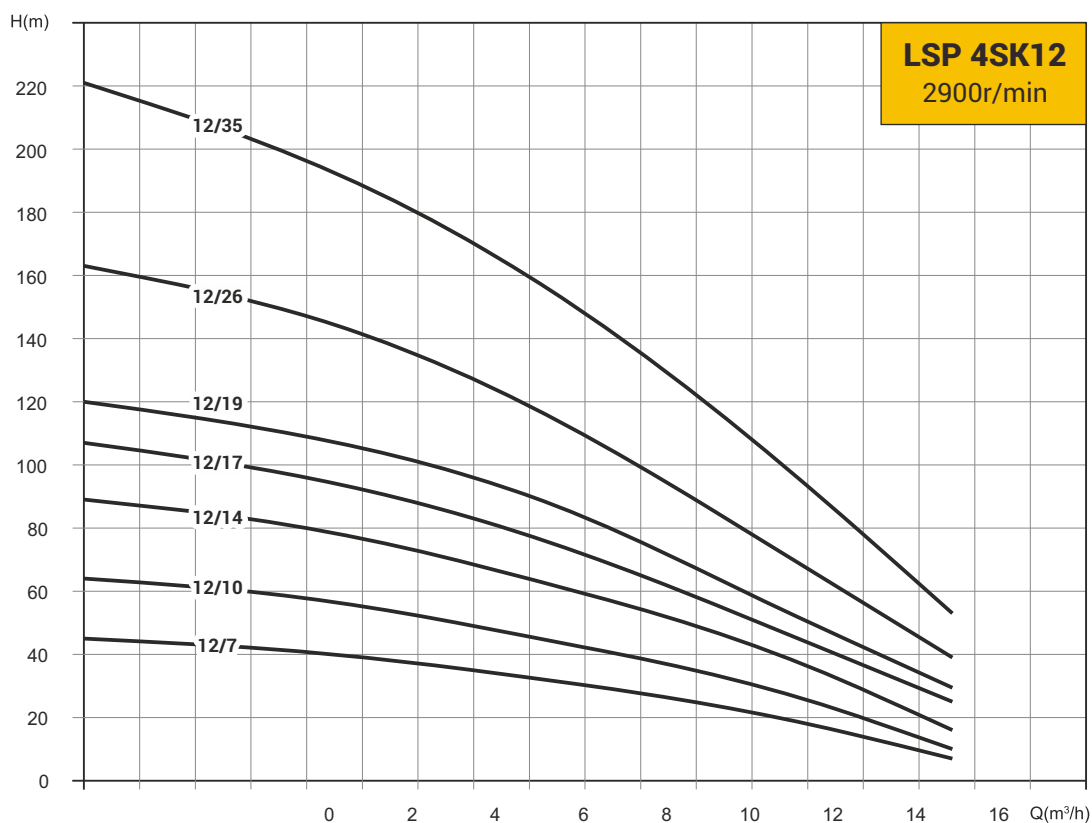
Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK6/7	0.75	393	369	762	2"	3.7	11
LSP4SK6/10	1.1	488	404	892		4.6	13
LSP4SK6/14	1.5	612	449	1061		5.7	15
LSP4SK6/20	2.2	798	539	1337		7.5	17
LSP4SK6/27	3	1015	557	1572		9.6	17.6
LSP4SK6/34	4	1307	637	1944		11.6	20.7
LSP4SK6/36	4	1369	637	2006		12.2	20.7
LSP4SK6/49	5.5	1773	712	2485		15.9	25.7


PERFORMANCE CURVE

Performance Data

Model	Power	Q(m ³ /h)	0	7.2	7.8	8.4	9.0	9.6	12
LSP4SK8/4	0.75	H(m)	26	21	20	19	18	17	11
LSP4SK8/6	1.1		39	32	30	29	27	26	18
LSP4SK8/8	1.5		52	43	40	39	37	35	24
LSP4SK8/13	2.2		82	66	62	59	53	50	30
LSP4SK8/17	3		108	87	83	79	75	70	47
LSP4SK8/21	4		132	103	98	93	88	82	52
LSP4SK8/23	4		148	118	113	108	101	95	60
LSP4SK8/32	5.5		202	160	151	143	133	125	80

Installation Dimensions and Weight

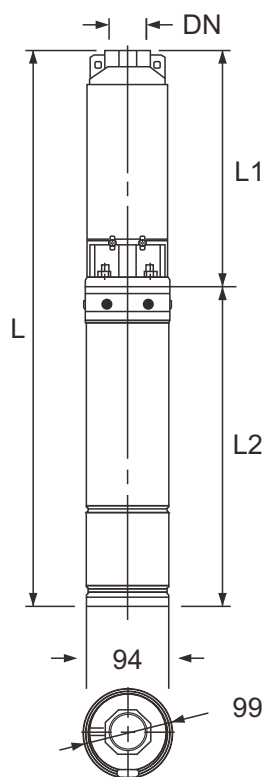
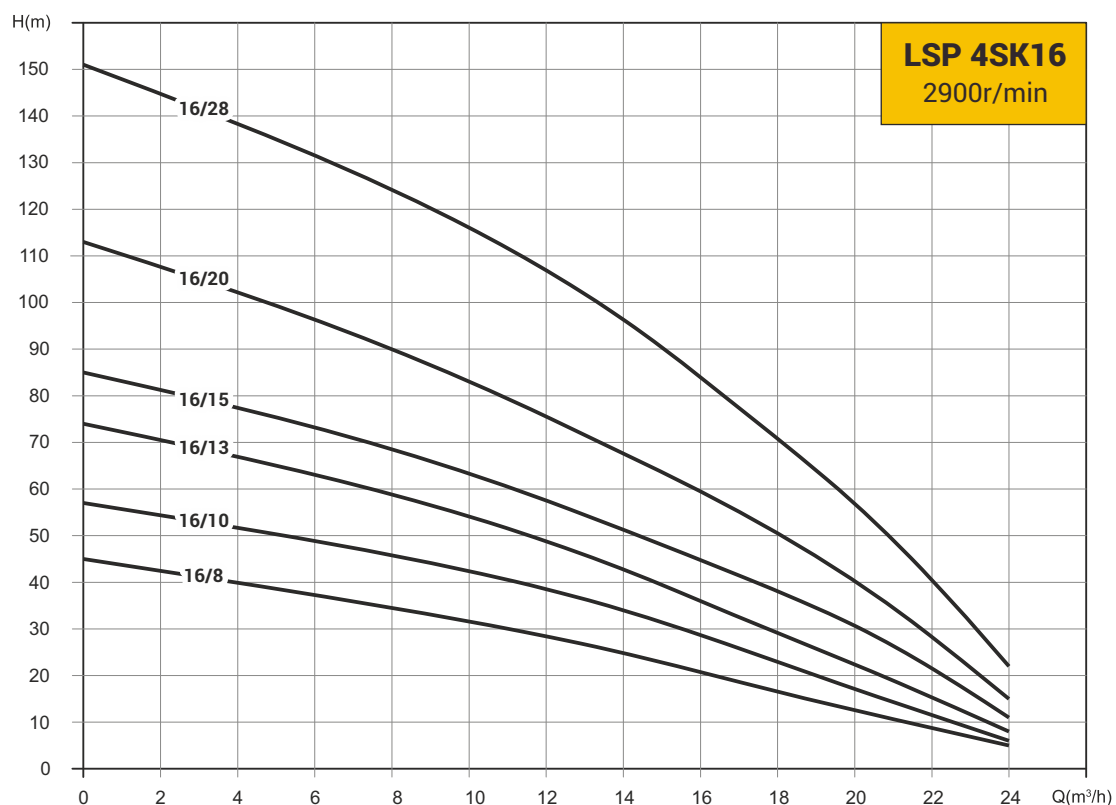
Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK8/4	0.75	302	369	671	2"	2.8	11
LSP4SK8/6	1.1	363	404	767		3.4	13
LSP4SK8/8	1.5	426	449	875		4	15
LSP4SK8/13	2.2	581	539	1120		5.5	17
LSP4SK8/17	3	705	557	1262		6.6	17.6
LSP4SK8/21	4	829	637	1466		7.8	20.7
LSP4SK8/23	4	891	637	1528		8.4	20.7
LSP4SK8/32	5.5	1146	712	1858		11	25.7


PERFORMANCE CURVE

Performance Data

Model	Power	Q(m ³ /h)	0	8.4	9.6	10.8	12	13.2	14.4	15.6
LSP4SK12/7	1.5	H(m)	45	31	28	25	22	18	12	7
LSP4SK12/10	2.2		64	44	41	36	30	24	17	10
LSP4SK12/14	3		89	62	56	51	43	35	26	16
LSP4SK12/17	4		107	75	69	62	51	42	34	25
LSP4SK12/19	4		120	89	76	68	58	52	40	30
LSP4SK12/26	5.5		163	115	111	94	78	67	52	39
LSP4SK12/35	7.5		221	155	142	126	108	90	70	53

Installation Dimensions and Weight

Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK12/7	1.5	541	449	990	2"	5.3	15
LSP4SK12/10	2.2	697	539	1236		6.7	17
LSP4SK12/14	3	905	557	1462		8.6	17.6
LSP4SK12/17	4	1060	637	1697		10.1	20.7
LSP4SK12/19	4	1164	637	1801		11	20.7
LSP4SK12/26	5.5	1603	712	2315		14	25.7
LSP4SK12/35	7.5	2070	847	2917		20.9	32.3


PERFORMANCE CURVE

Performance Data

Model	Power	Q(m³/h)	0	14.4	15.6	16.8	18	19.2	20.4	24
LSP4SK16/8	2.2	H(m)	45	25	21	19	16	14	11	5
LSP4SK16/10	3		57	33	29	25	21	18	16	6
LSP4SK16/13	4		74	42	37	32	27	25	21	8
LSP4SK16/15	4		85	50	47	43	39	33	29	11
LSP4SK16/20	5.5		113	66	60	56	50	44	38	15
LSP4SK16/28	7.5		151	94	84	78	70	62	62	22

Installation Dimensions and Weight

Model	Power	L1(mm)	L2(mm)	L(mm)	DN	Pump Weight (kg)	Motor Weight (kg)
LSP4SK16/8	2.2	720	539	1259	2"	6.3	17
LSP4SK16/10	3	855	557	1412		8	17.6
LSP4SK16/13	4	1060	637	1697		9.3	20.7
LSP4SK16/15	4	1193	637	1830		10.5	20.7
LSP4SK16/20	5.5	1608	712	2320		13.5	25.7
LSP4SK16/28	7.5	2149	847	2996		21.2	32.3

letra

Notes:

Notes:

We Provide Pumps and Motors to the whole World...

With its wide product range in water technologies, especially submersible pumps and motors, Letra A.S. exports to every part of the world. We are always at your disposal with our experienced sales team and with our partnerships in many countries, especially the Middle East, North Africa and Europe.



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**LETRA WATER TECHNOLOGIES & ENGINEERING CO.**

Mansuroglu Mahallesi 286/1 Sokak Ontan Plaza N:106
Bayrakli, Izmir / TURKEY

☎ +90 532 257 1448

✉ info@letrawater.com

www.letrawater.com

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