

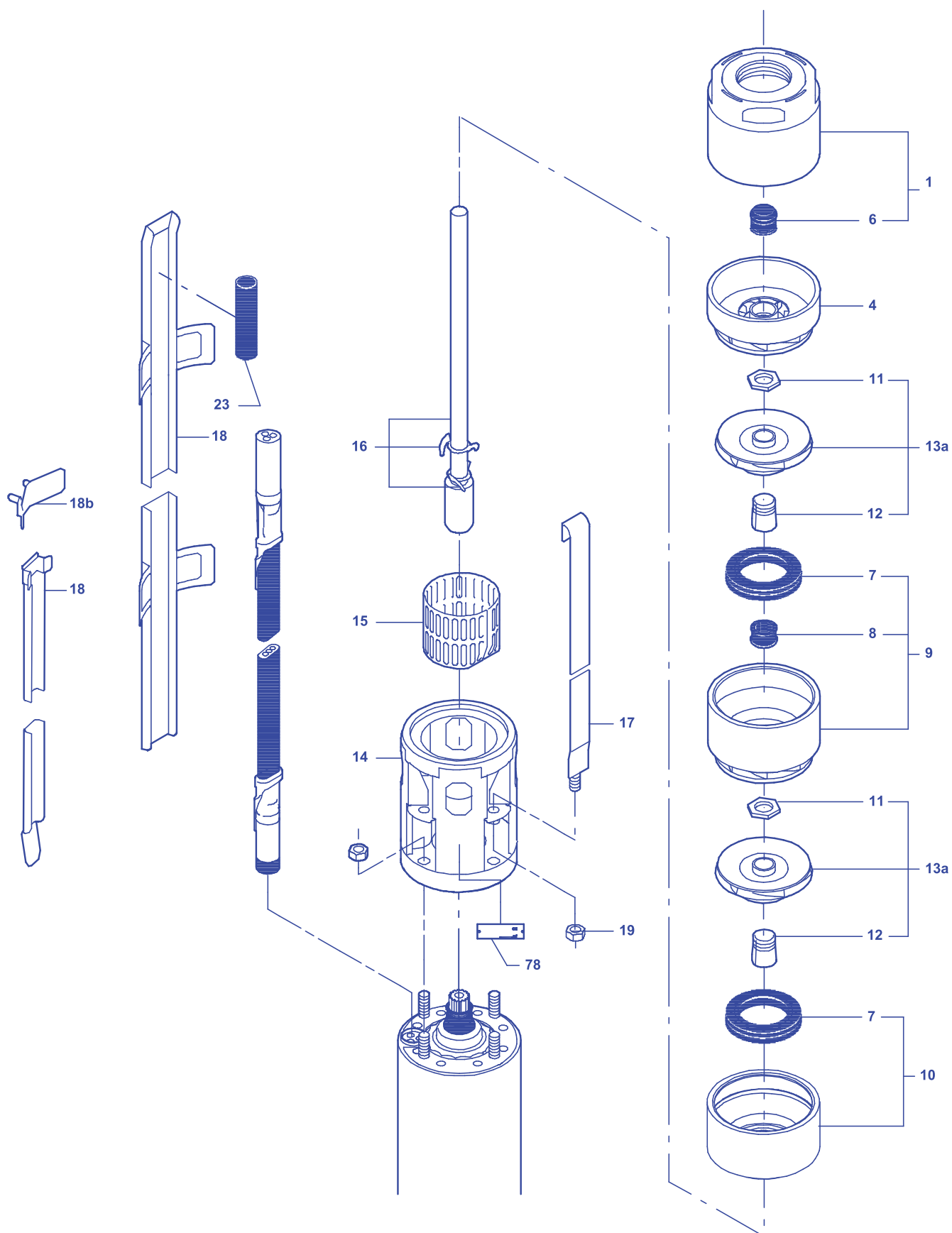
LS 3A

Component name

1	Valve casing complete
2	Valve cup
3	Valve seat
6	Bearing, top
7	Neck ring
8	Bearing ring
9	Chamber complete
10	Chamber, bottom

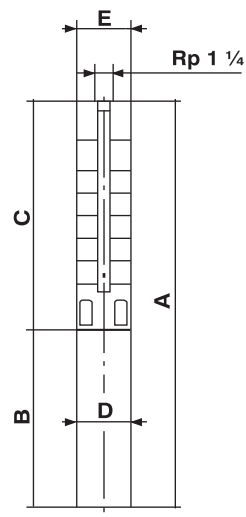
13	Impeller
14	Suction interconnector
16	Pump shaft
17	Strap
18	Cable guard
19	Screw
64	Priming disc
70	Valve guide

71	Washer
76	Washer
78	Nameplate
1.b	Discharge piece
18.a	Screw
19.b	Nut
19.b	Lock nut



TECHNICAL DATA & SELECTION CHART

SUBMERSIBLE PUMP LS 3A



Dimensions & Weights														
Pump Type	Motor		Dimensions [mm]										Net Weight [Kg]	
	Type	Power [kW]	C	B		A		Weight [Kg]			D	E		
				1x230V	3x230V 3x400V	1x230V	3x230V 3x400V	Pump	Motor				1x230V	3x230V 3x380V
LS 3A - 6	SRM 4S	0.37	281	370	370	651	651	2.7	11	11	95	101	14	14
LS 3A - 9	SRM 4S	0.55	344	405	370	749	714	3.3	13	11	95	101	16	14
LS 3A - 12	SRM 4S	0.75	407	450	430	857	837	4	15	14	95	101	19	18
LS 3A - 15	SRM 4S	1.1	470	505	455	975	925	4.6	18	15	95	101	23	20
LS 3A - 18	SRM 4S	1.1	533	505	455	1038	988	5.3	18	15	95	101	23	20
LS 3A - 22	SRM 4S	1.5	617	545	505	1162	1122	6.1	20	18	95	101	26	24
LS 3A - 25	SRM 4S	1.5	680	545	505	1225	1185	6.8	20	18	95	101	27	25
LS 3A - 29	SRM 4S	2.2	764	645	545	1409	1309	7.6	24	20	95	101	32	28
LS 3A - 33	SRM 4S	2.2	848	645	545	1493	1393	8.4	24	20	95	101	32	28
LS 3A - 39	SRM 4S	3	1019		645		1664	14.7		24	95	101		39
LS 3A - 45	SRM 4S	3	1145		645		1790	16.6		24	95	101		41
LS 3A - 52	SRM 4S	4	1292		715		2007	19		27	95	101		46
LS 3A - 60	SRM 4S	4	1460		715		2175	21.7		27	95	101		49

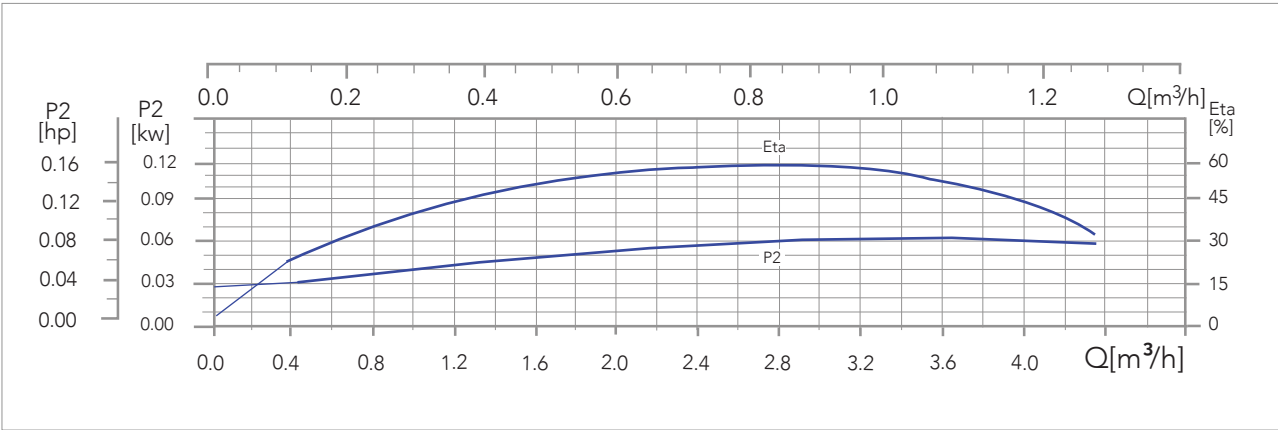
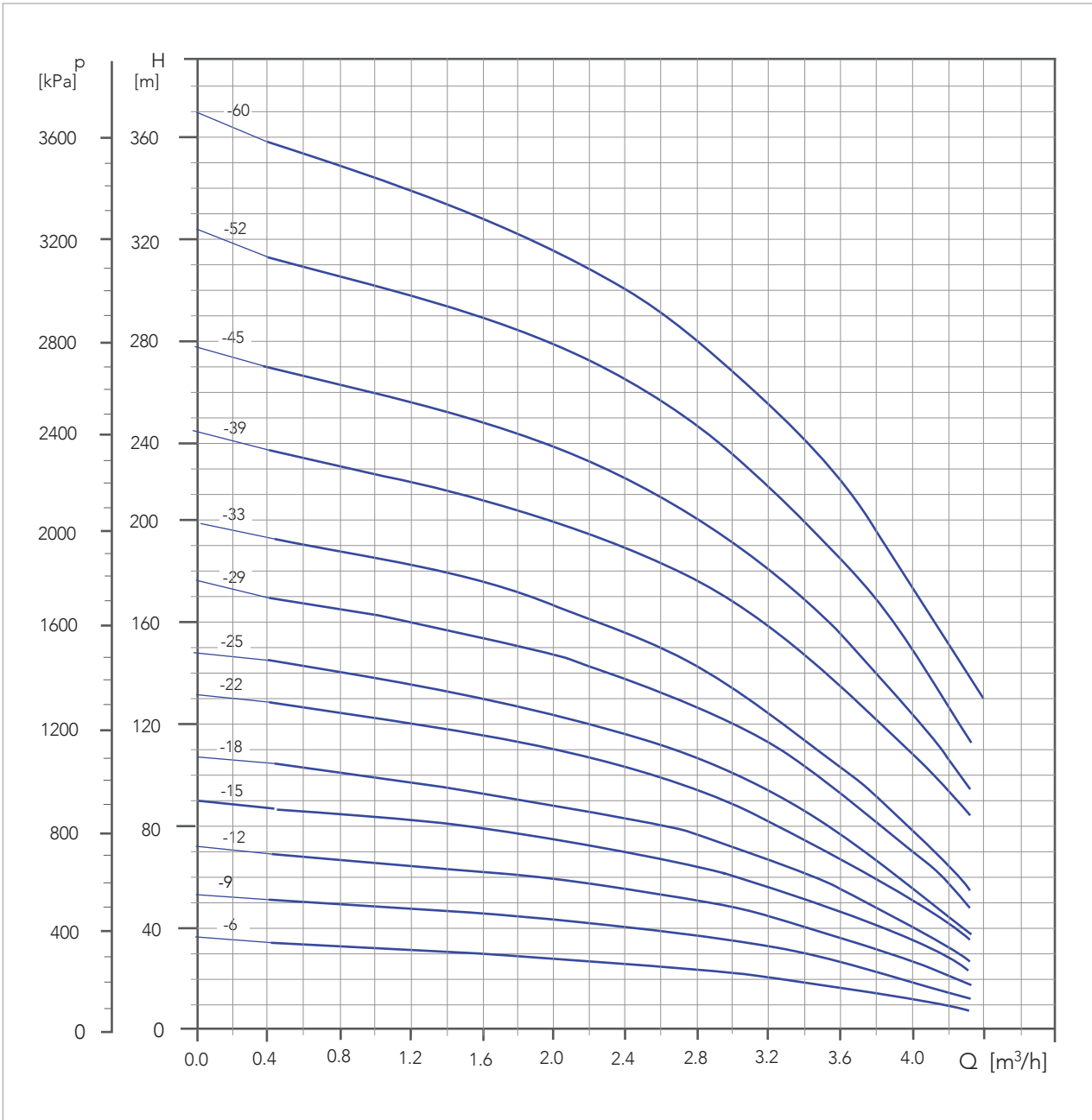
E= Maximum diameter of pump inclusive of cable guard and motor.

Motor	Pump Type	Flow Q														
		m ³ /h	0	1	1.4	1.8	2.2	2.6	3	3.4	4	4.4	5.6	6.4	7.2	7.6
		l/sec	0	0.28	0.39	0.5	0.56	0.67	0.78	0.9	1.12	1.23	1.6	1.8	2	2.1
		l/min	0	16.7	23.4	30.1	37	43	50	57	67	73	93	107	120	127
		Power		Head H [Meter]												
		[kW]	[HP]													
4"	LS 3A - 6	0.37	0.5	37.7	34.9	33.7	32.5	31.2	29.7	25.7	22.1	15.2	10.3			
	LS 3A - 9	0.55	0.75	56.7	52.5	50.6	48.6	46.1	42.9	38.7	33.3	23	15.3			
	LS 3A - 12	0.75	1	75.7	70.2	67.8	65.1	61.8	57.6	52	44.9	31.1	21			
	LS 3A - 15	1.1	1.5	95	88.3	85.3	82	77.9	72.7	66	57.1	39.8	27			
	LS 3A - 18	1.1	1.5	113	105	101	97.2	92.2	85.8	77.4	66.8	46.1	30.2			
	LS 3A - 22	1.5	2	139	129	125	120	114	106	95.6	82.8	57.6	37.7			
	LS 3A - 25	1.5	2	157	146	140	135	128	119	107	92.3	63.6	41.3			
	LS 3A - 29	2.2	3	184	171	166	159	152	142	128	111	98.1	53.1			
	LS 3A - 33	2.2	3	209	194	187	180	171	159	144	125	87.2	58.9			
	LS 3A - 39	3	4	246	230	223	216	207	195	180	160	121	89.7			
	LS 3A - 45	3	4	283	263	255	247	236	222	204	181	135	100			
	LS 3A - 52	4	5.5	328	307	298	289	227	261	240	214	162	121			
	LS 3A - 60	4	5.5	377	351	341	330	316	297	273	242	181	136			

PERFORMANCE CURVES

SUBMERSIBLE PUMP LS 3A

According to: ISO 9906 ANNEX A 50Hz 2870 min⁻¹



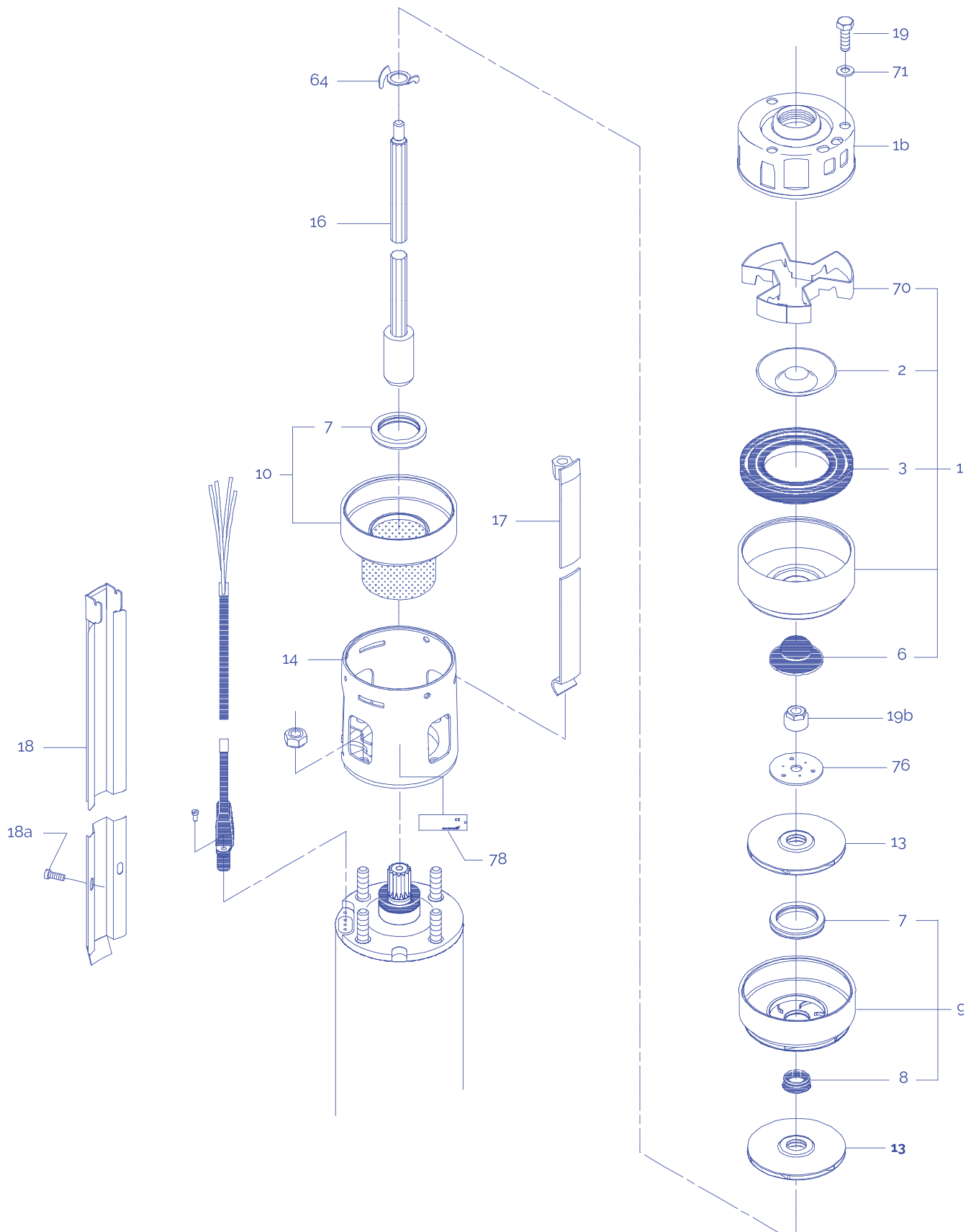


LS 5A

1	Valve casing complete
2	Valve cup
3	Valve seat
6	Bearing, top
7	Neck ring
8	Bearing ring
9	Chamber complete
10	Chamber, bottom

13	Impeller
14	Suction interconnector
16	Pump shaft
17	Strap
18	Cable guard
19	Screw
64	Priming disc
70	Valve guide

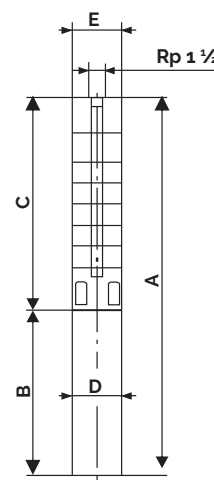
Component name	
71	Washer
76	Washer
78	Nameplate
1.b	Discharge piece
18.a	Screw
19.b	Nut
19.b	Lock nut



TECHNICAL DATA & SELECTION CHART

SUBMERSIBLE PUMP LS 5A

LS 5A-75 and LS-5A-85
are mounted in sleeve
for R 1/2 connection.



Dimensions & Weights

Pump Type	Motor		Dimensions [mm]									Net Weight [Kg]		
	Type	Power [kW]	C	B		A		Weight [Kg]			D			E
				1x230V	3x230V 3x400V	1x230V	3x230V 3x400V	Pump	Motor			1x230V	3x230V 3x400V	
LS 5A - 4	SRM 4S	0.37	240	370	370	610	610	2.4	11	11	95	101	13	13
LS 5A - 6	SRM 4S	0.55	282	405	370	687	652	2.8	13	11	95	101	16	14
LS 5A - 8	SRM 4S	0.75	324	450	430	774	754	3.2	15	14	95	101	18	17
LS 5A - 12	SRM 4S	1.1	408	505	455	913	863	4	18	15	95	101	22	19
LS 5A - 17	SRM 4S	1.5	513	545	505	1058	1018	5.1	20	18	95	101	25	23
LS 5A - 21	SRM 4S	2.2	597	645	545	1242	1142	5.9	24	20	95	101	30	26
LS 5A - 25	SRM 4S	2.2	681	645	545	1326	1226	6.8	24	20	95	101	31	27
LS 5A - 33	SRM 4S	3	849		645		1494	8.5		24	95	101		33
LS 5A - 38	SRM 4S	4	998		715		1713	14.7		27	95	101		42
LS 5A - 44	SRM 4S	4	1124		715		1839	16.4		27	95	101		43
LS 5A - 52	SRM 4S	5.5	1292		795		2087	23.9		31	95	101		55
LS 5A - 60	SRM 4S	5.5	1460		795		2255	26.9		31	95	101		58
LS 5A - 75	SRM 6T	7.5	2146		827		2973	47		61	138	140		108
LS 5A - 85	SRM 6T	7.5	2356		827		3183	52.4		61	138	140		113

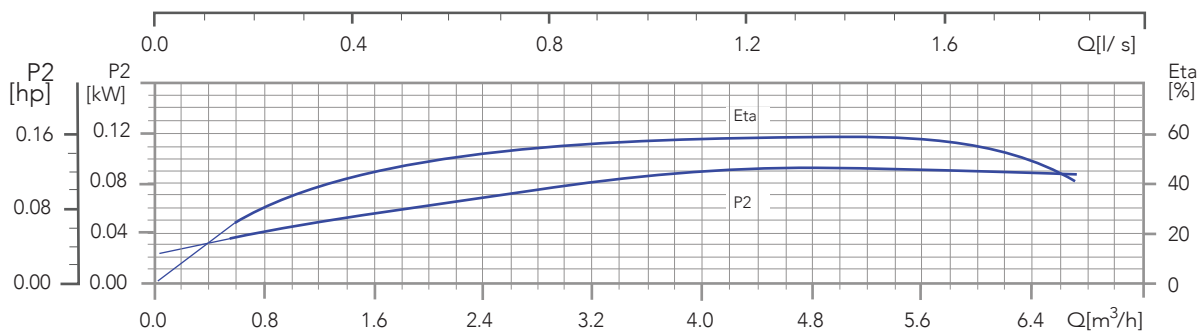
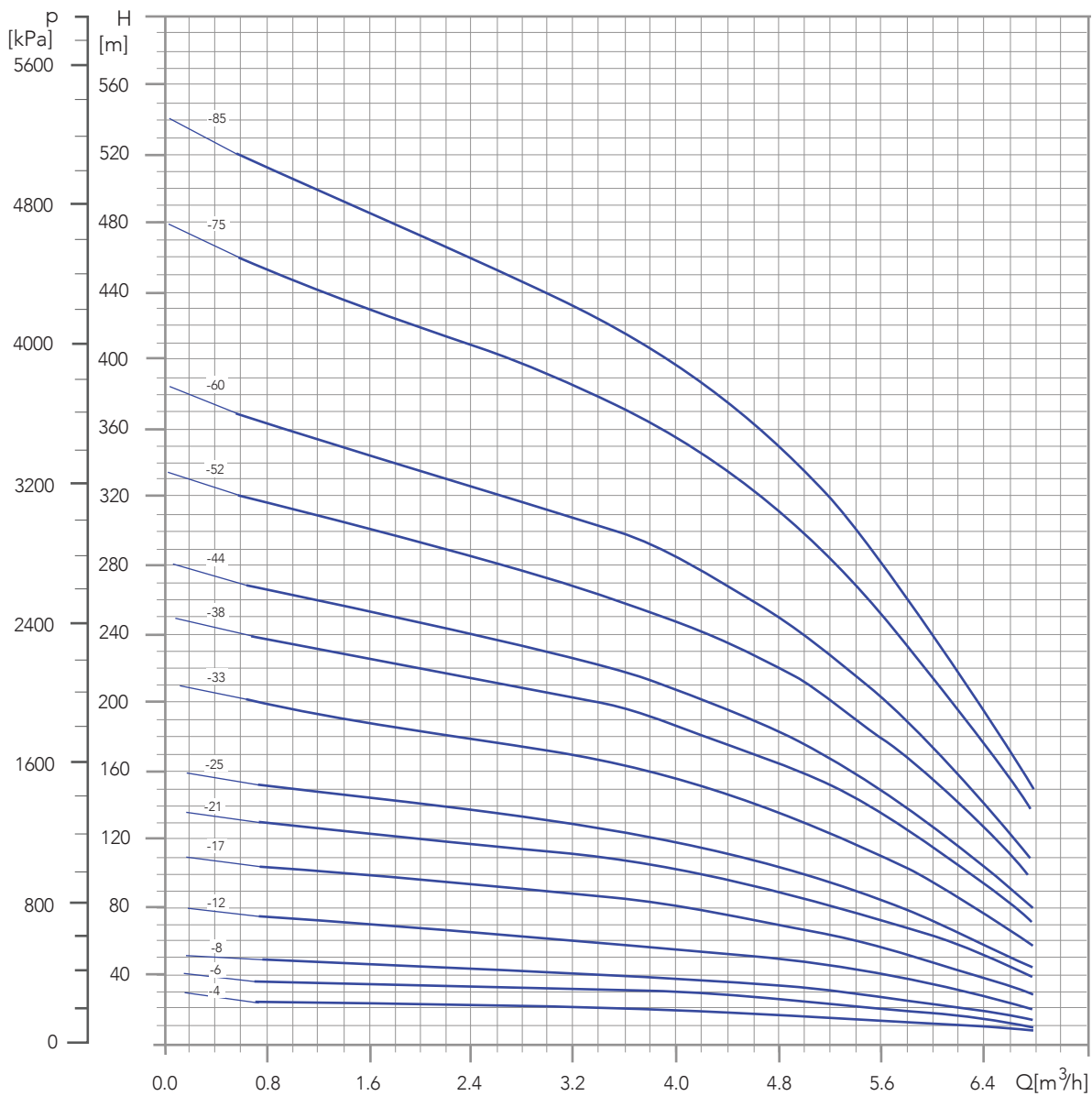
E= Maximum diameter of pump inclusive of cable guard and motor.

Motor	Pump Type	Flow Q													
		m ³ /h	0	1.20	1.6	2.00	2.4	2.8	3.2	3.6	4.2	5	5.8		
		l/sec	0	0.33	0.44	0.55	0.66	0.77	0.88	1	1.16	1.38	1.61		
		l/min	0	20	26.7	33.4	40	46.7	53.3	60	70	83.3	96.7		
		Power		Head H [Meter]											
		[kW]	[HP]												
4"	LS 5A - 4	0.37	0.5	25.6	23.4	22.8	22.2	21.7	21.1	20.4	19.6	18.2	15.8	12.4	
	LS 5A - 6	0.55	0.75	38.4	35.2	34.3	33.4	32.6	31.7	30.7	29.5	27.5	23.8	18.8	
	LS 5A - 8	0.75	1	51.3	47	45.9	44.8	43.7	42.5	41.2	39.7	36.9	32	25.4	
	LS 5A - 12	1.1	1.5	76.8	70.3	68.6	66.9	65.2	63.4	61.4	59.1	55	47.6	37.6	
	LS 5A - 17	1.5	2	109	99.4	96.9	94.4	92	89.4	86.6	83.4	77.4	66.9	52.8	
	LS 5A - 21	2.2	3	135	124	121	118	115	112	109	105	97.9	85.1	67.8	
	LS 5A - 25	2.2	3	160	147	143	139	136	132	128	123	115	99.3	78.6	
	LS 5A - 33	3	4	211	193	188	183	179	174	168	162	151	130	103	
	LS 5A - 38	4	5.5	250	230	224	219	213	208	201	194	181	157	125	
	LS 5A - 44	4	5.5	281	258	251	245	239	232	225	217	201	174	138	
	LS 5A - 52	5.5	7.5	334	307	300	293	286	278	270	260	242	211	168	
6"	LS 5A - 60	5.5	7.5	384	352	343	335	327	318	308	297	276	239	189	
	LS 5A - 75	7.5	10	480	440	429	419	408	397	385	371	345	299	237	
	LS 5A - 85	7.5	10	543	496	483	471	459	446	432	415	386	333	262	

PERFORMANCE CURVES

SUBMERSIBLE PUMP LS 5A

According to: ISO 9906 ANNEX A 50Hz 2870 min⁻¹





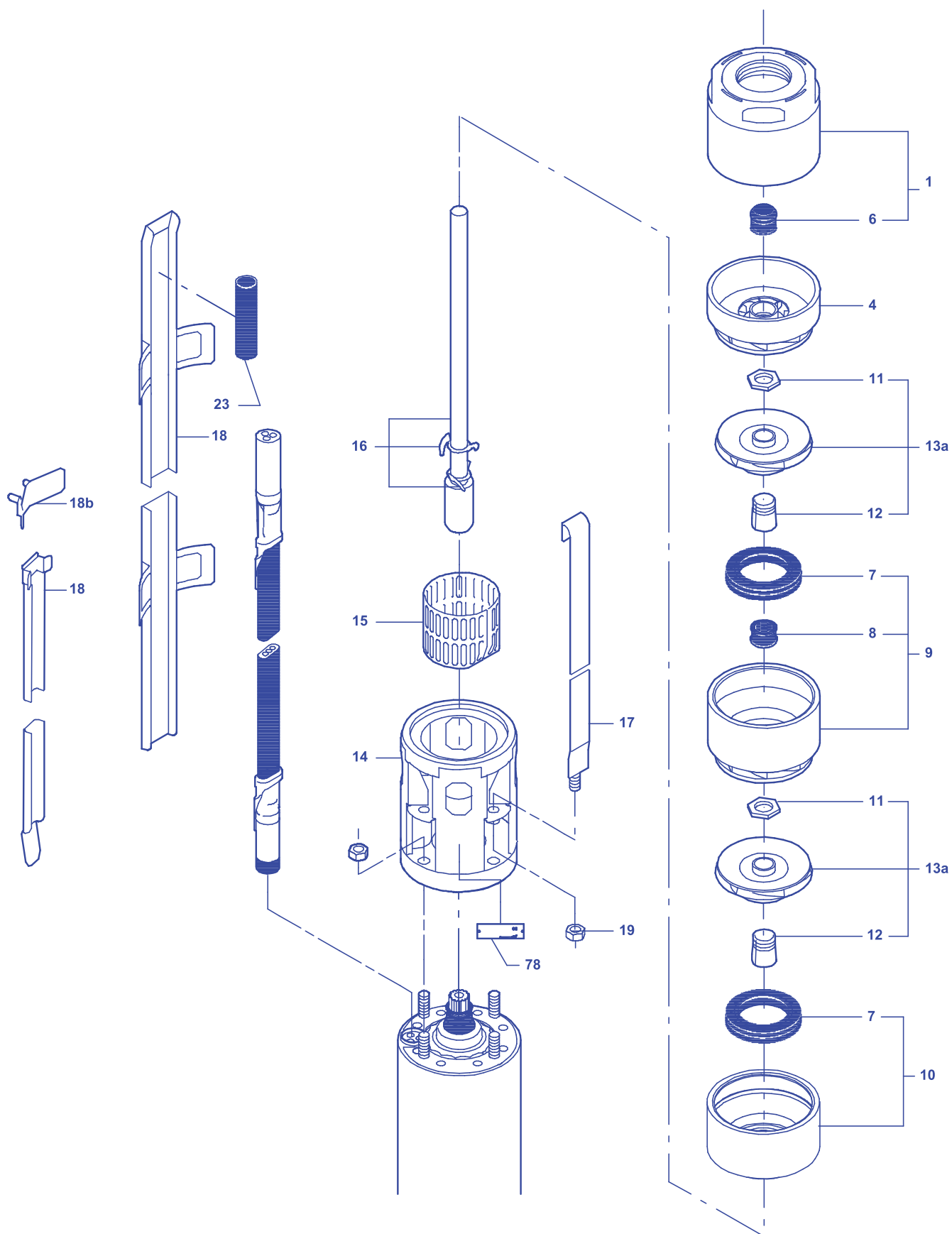
LS 8A

Component name

1	Valve casing complete
4	Chamber, top
6	Bearing, top
7	Neck ring
8	Bearing
9	Chamber complete

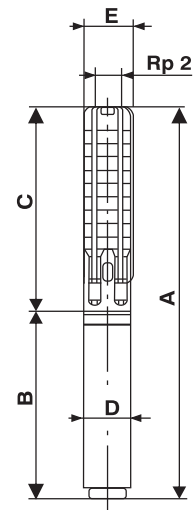
10	Chamber
11	Split cone nut
12	Split cone
14	Suction interconnector
15	Strainer
16	Pump shaft

17	Strap
18	Cable guard
19	Nut
78	Nameplate
13.a	Impeller complete



TECHNICAL DATA & SELECTION CHART

SUBMERSIBLE PUMP LS 8A



Dimensions & Weights														
Pump Type	Motor		Dimensions [mm]										Net Weight [Kg]	
	Type	Power [kW]	C	B		A		Weight [Kg]			D	E		
				1x230V	3x230V 3x400V	1x230V	3x230V 3x400V	Pump	Motor					
									1x230V	3x230V 3x400V			1x230V	3x230V 3x400V
LS 8A - 5	SRM 4S	0.75	409	450	430	859	839	5.3	15	14	95	101	20	19
LS 8A - 7	SRM 4S	1.1	493	505	455	998	948	6.3	18	15	95	101	24	21
LS 8A - 10	SRM 4S	1.5	619	545	505	1164	1124	8	20	18	95	101	28	26
LS 8A - 12	SRM 4S	2.2	703	645	545	1348	1248	8.6	24	20	95	101	33	29
LS 8A - 15	SRM 4S	2.2	829	645	545	1474	1374	10.2	24	20	95	101	34	30
LS 8A - 18	SRM 4S	3	955		645		1600	11.6		24	95	101		36
LS 8A - 21	SRM 4S	4	1081		715		1796	13.2		27	95	101		40
LS 8A - 25	SRM 4S	4	1249		715		1964	15.4		27	95	101		42
LS 8A - 30	SRM 4S	5.5	1459		795		2254	18.2		31	95	101		49
LS 8A - 37	SRM 4S	5.5	1753		795		2548	22		31	95	101		53
LS 8A - 44	SRM 6T	7.5	2051		827		2878	27		61	138	140		88
LS 8A - 50	SRM 6T	7.5	2361		827		3188	31		61	138	140		92
LS 8A - 58	SRM 6T	9.2	3013		875		3888	59		66	138	140		125
LS 8A - 66	SRM 6T	11	3349		940		4289	66		72	138	140		138
LS 8A - 73	SRM 6T	11	3643		940		4583	72		72	138	140		144
LS 8A - 82	SRM 6T	13	4021		977		4998	80		77	138	140		157
LS 8A - 91	SRM 6T	15	4399		1029		5428	88		82	138	140		170
LS 8A - 100	SRM 6T	15	4777		1029		5806	95		82	138	140		177
LS 8A - 110	SRM 6T	18.5	5197		1090		6287	104		90				194

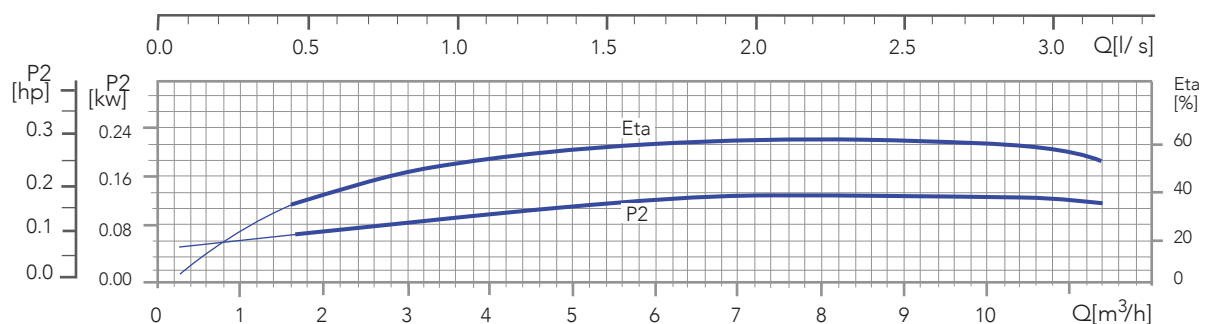
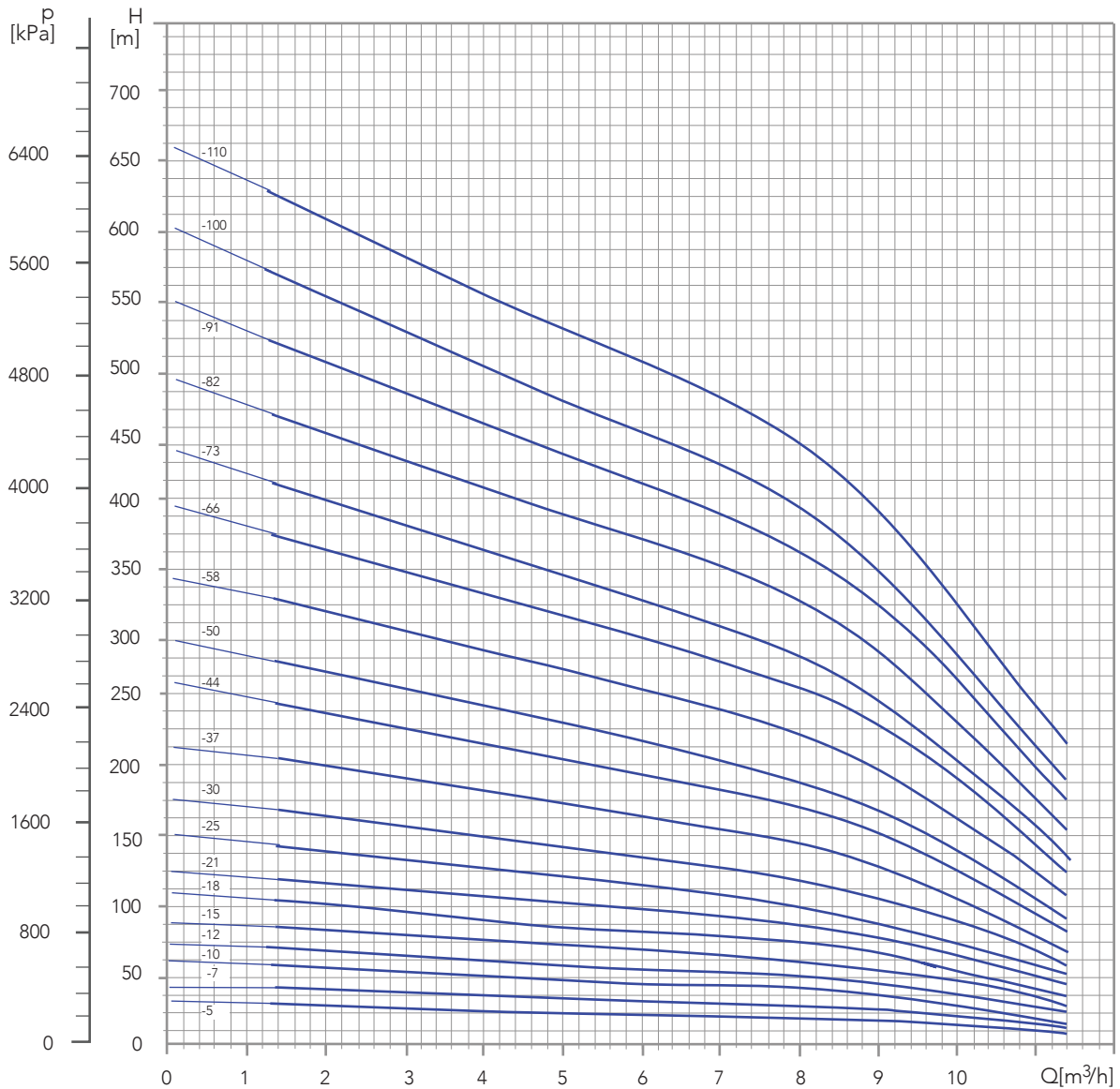
E= Maximum diameter of pump inclusive of cable guard and motor.

Motor	Pump Type	Flow Q															
		m³/h	0	5	6	7	8	9	10	11	12	14	16	18	20	21	
		l/sec	0	1.4	1.7	1.9	2.2	2.5	2.8	3.1	3.3	3.9	4.4	5	5.6	5.8	
		l/min	0	83	100	117	133	150	167	183	200	233	267	300	333	350	
		Power	Head H [Meter]														
		[kW]	[HP]														
4"	LS 8A - 5	0.75	1	30	24.2	23.2	22.2	20.8	18.7	15.7	12.3	11.3					
	LS 8A - 7	1.1	1.5	42	33.8	32.5	31	29.1	26.1	22	17.2	15.8					
	LS 8A - 10	1.5	2	59.9	48.1	46.2	44.1	41.3	37	31.2	24.3	22.3					
	LS 8A - 12	2.2	3	72.3	58.8	56.6	54.2	50.9	45.9	39	30.6	28.1					
	LS 8A - 15	2.2	3	89.9	72.4	69.5	66.4	62.2	55.9	47.1	36.8	33.8					
	LS 8A - 18	3	4	108	87.2	83.7	80.1	75	67.5	57	44.5	40.9					
	LS 8A - 21	4	5.5	127	103	98.9	94.1	89	80.3	68.1	53.5	49.2					
	LS 8A - 25	4	5.5	150	121	116	111	104	93.6	79	61.7	56.7					
	LS 8A - 30	5.5	7.5	180	145	138	132	123	110	92	71.1	64.9					
	LS 8A - 37	5.5	7.5	221	176	168	159	148	132	110	84.3	76.8					
6"	LS 8A - 44	7.5	10	263	210	201	190	177	158	132	101	92.4					
	LS 8A - 50	7.5	10	298	236	225	214	198	176	147	112	102					
	LS 8A - 58	9.2	12.5	346	275	263	249	231	206	172	131	120					
	LS 8A - 66	11	15	394	314	300	285	264	236	196	151	137					
	LS 8A - 73	11	15	435	344	329	312	289	257	213	163	149					
	LS 8A - 82	13	15	489	389	372	353	328	292	243	187	184					
	LS 8A - 91	15	20	544	434	415	394	366	327	273	210	217					
	LS 8A - 100	15	20	596	474	452	429	398	354	295	226	224					
	LS 8A - 110	18.5	25	658	527	504	479	446	398	333	256	234					

PERFORMANCE CURVES

SUBMERSIBLE PUMP LS 8A

According to: ISO 9906 ANNEX A 50Hz 2870 min⁻¹





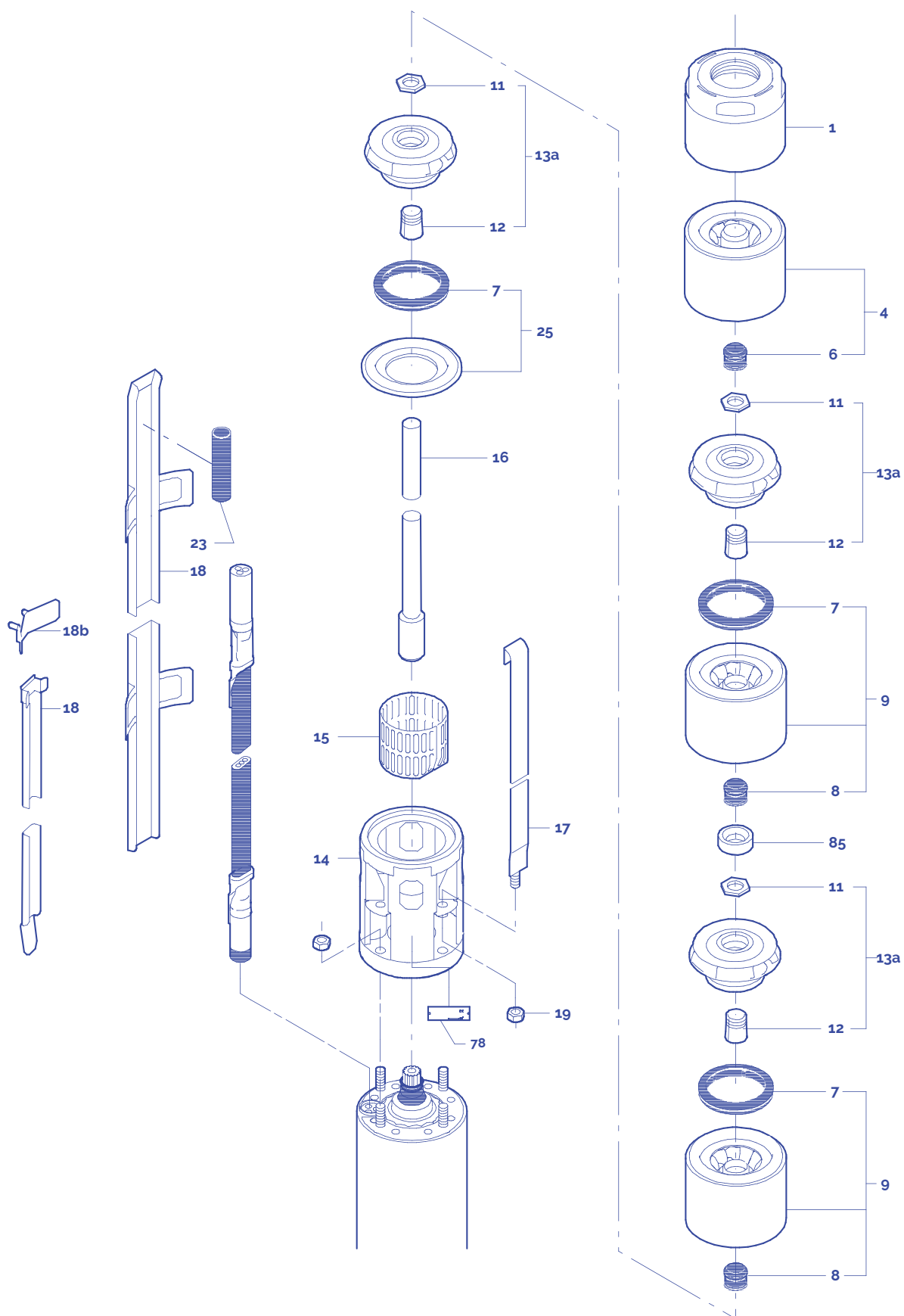
LS 14A

Component name

1	Valve casing complete
3	Valve seat
4	Chamber, top
6	Bearing, top
7	Neck ring
8	Bearing ring
9	Chamber

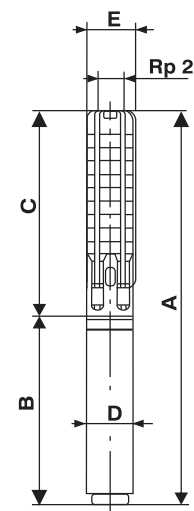
11	Split cone nut
12	Split cone
14	Suction interconnector
15	Strainer
16	Pump shaft
17	Strap
18	Cable guard

19	Nut
25	Guide complete
78	Nameplate
85	Stop ring
13.a	Impeller complete



TECHNICAL DATA & SELECTION CHART

SUBMERSIBLE PUMP LS 14A



Dimensions & Weights														
Pump Type	Motor		Dimensions [mm]										Net Weight [Kg]	
	Type	Power [kW]	C	B		A		Weight [Kg]			D	E		
				1x230V	3x230V 3x400V	1x230V	3x230V 3x400V	Pump	Motor				1x230V	3x230V 3x400V
									1x230V	3x230V 3x400V				
LS 14A-5	SRM 4S	1.5	510	545	505	1055	1015	6.1	20	18	95	101	26	24
LS 14A-7	SRM 4S	2.2	640	645	545	1285	1185	7	24	20	95	101	31	27
LS 14A-10	SRM 4S	3	835		645		1480	9.1		24	95	101		33
LS 14A-13	SRM 4S	4	1030		715		1745	11.3		27	95	101		38
LS 14A-18	SRM 4S	5.5	1355		795		2150	14.3		31	95	101		45
LS 14A-25	SRM 6T	7.5	1872		827		2699	18.5		61	138	138		80

E= Maximum diameter of pump inclusive of cable guard and motor.

Motor	Pump Type	Flow Q															
		m ³ /h	0	5	6	7	8	9	10	11	12	14	16	18	20	21	
		l/sec	0	1.4	1.7	1.9	2.2	2.5	2.8	3.1	3.3	3.9	4.4	5	5.6	5.8	
		l/min	0	83	100	117	133	150	167	183	200	233	267	300	333	350	
		Power		Head H [Meter]													
		[kW]	[HP]														
4"	LS 14A-5	1.5	2	32.9	32.1	31.2	30.5	29.7	28.9	28	27	25.9	23	19	14.1	12.1	
	LS 14A-7	2.2	3	46.2	45.2	44.1	43	41.9	40.8	39.6	38.2	36.7	32.6	27.1	20.3	17.7	
	LS 14A-10	3	4	65.7	64.2	62.6	61	59.4	57.7	56	54	51.7	45.9	37.9	28.2	24.6	
	LS 14A-13	4	5.5	85.6	83.7	81.6	79.6	77.5	75.4	73.1	70.6	67.7	60.1	49.8	37.1	32.5	
6"	LS 14A-18	5.5	7.5	119	116	113	110	107	105	101	97.9	93.9	83.4	69.1	51.6	45.2	
	LS 14A-25	7.5	10	164	160	156	152	148	144	140	135	129	115	94.7	70.4	61.5	

PERFORMANCE CURVES

SUBMERSIBLE PUMP LS 14A

According to: ISO 9906 ANNEX A 50Hz 2870 min⁻¹

