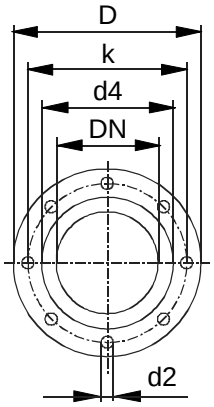
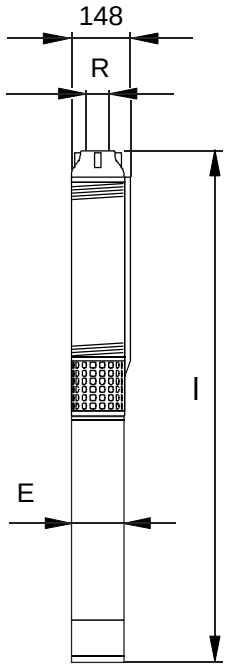
Specification

- multistage centrifugal pump in jacked design coupled with **oddesse** submersible motor
- discharge end with integrated non-return valve
- driven by three-phase AC motors
- minimal water level above the pump unit 2 m
- min. cooling flow 0.5 m/s, max. ambient temperature 30 °C (higher temperature on request)
- pure, clean water with content of solid up to 50 mg/l
- standard connection: R = G3 (pipe thread according to DIN ISO 228 part 1)
- other connections on request
- hydraulic performance tests for acceptance according to DIN EN ISO 9906 class 2
- special design (horizontal installation, etc.) on request

Main dimensions





E = 92.4 mm for po-mo4
E = 141 mm for po-mo6

Dimensions of adapters

Type	reduction thread	adapters						
		thread ⇒ flange	dimensions					
			D [mm]	b [mm]	k [mm]	d4 [mm]	d2 [mm]	m [kg]
po-so-10/6.5 po-so-16/6.5 po-so-25/6.5 po-so-40/6.5 po-so-63/6.5	G3 ⇒ G2	G3 ⇒ DN50, PN16	165	18	125	102	4× ø18	3.5
		G3 ⇒ DN50, PN40	165	20	125	102	4× ø18	3.7
		G3 ⇒ DN65, PN16	185	18	145	122	4× ø18	4.1
		G3 ⇒ DN65, PN40	185	22	145	122	8× ø18	4.3
		G3 ⇒ DN80, PN16	200	20	160	138	8× ø18	4.7
		G3 ⇒ DN80, PN40	200	24	160	138	8× ø18	5.7
		G3 ⇒ DN100, PN16	220	20	180	158	8× ø18	6.1
		G3 ⇒ DN100, PN40	235	24	190	162	8× ø22	8.0

Flange dimensions according to DIN 2633 (PN16) and DIN 2635 (PN40)
Material: zinc-coated or stainless steel
PN nominal pressure [bar], DN nominal diameter [mm], b thickness of flange [mm], m weight [kg]
Flanges with 2 cable recesses

subject to alterations

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Material of construction

Submersible motor pumps po-so/6.5

According to DIN

components	**design**
	standard-version
impeller	Noryl / GFN3
stage casing, diffuser	Noryl / GFN3
suction casing, outlet branch	stainless steel / 1.4408
radial bearing	bronze / brass, ceramic coated
external casing	stainless steel / 1.4301
suction strainer	stainless steel / 1.4301
coupling	stainless steel / 1.4005
shaft	stainless steel / 1.4021
screws, nuts and bolts	stainless steel 1.4301 / 1.4303
motor	see chapter submersible motors

According to AISI

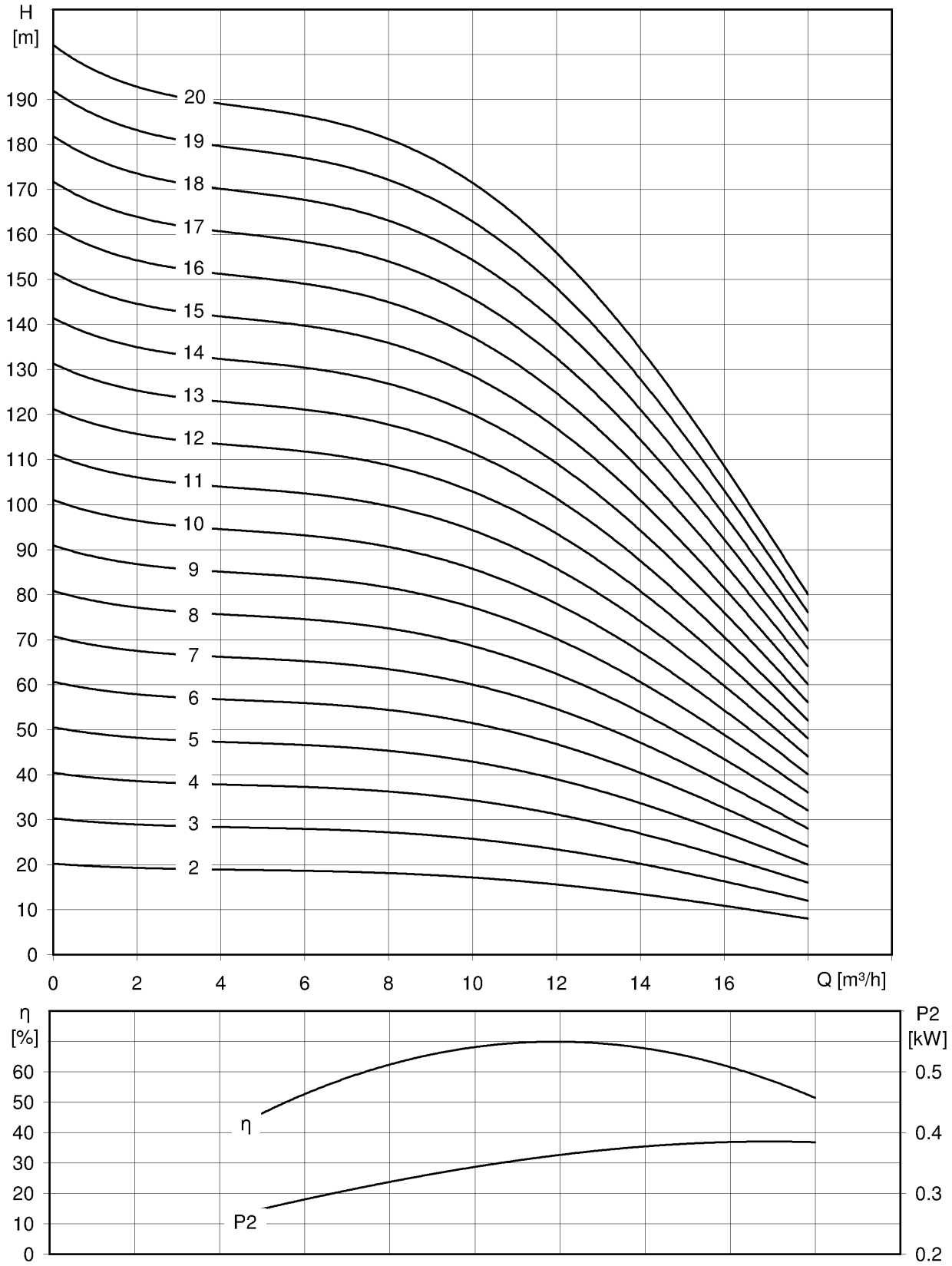
components	**design**
	standard-version
impeller	Noryl / GFN3
stage casing, diffuser	Noryl / GFN3
suction casing, outlet branch	stainless steel / ASTM CF8M
radial bearing	bronze / brass, ceramic coated
external casing	stainless steel / AISI 304
suction strainer	stainless steel / AISI 304
coupling	stainless steel / AISI 416
shaft	stainless steel / duplex steel
screws, nuts and bolts	stainless steel AISI 304 / 305
motor	see chapter submersible motors

oddesse reserve the right to employ construction materials following German (DIN) standard

subject to alterations

po-so-10/6.5

2850 1/min - 50 Hz



subject to alterations

po-so-10/6.5

2850 1/min - 50 Hz

Type	Power		Amperes	Delivery rate Q									Length	Weight
			400V	[l/s]	1.4	2.2	2.5	**2.8**	3.3	3.9	4.4	5.0	l	m
	[kW]	[HP]	[A]	[m³/h]	5	8	9	**10**	12	14	16	18	[mm]	[kg]
po-so-10- 2/6.5	1.1*	1.5*	3.4	**Delivery head H [m]**	19	18	18	**17**	16	13	11	8	806	16
po-so-10- 3/6.5	1.5*	2*	4.4		28	27	27	**26**	23	20	16	12	907	19
po-so-10- 4/6.5	2.2*	3*	5.9		38	36	35	**35**	31	27	22	16	991	22
po-so-10- 5/6.5	2.2*	3*	5.9		47	45	44	**43**	39	34	27	20	1030	23
po-so-10- 6/6.5	3*	4*	8.3		56	54	53	**52**	47	40	33	24	1220	30
po-so-10- 7/6.5	3*	4*	8.3		66	63	62	**60**	54	47	38	28	1259	31
po-so-10- 8/6.5	4*	5.5*	10		75	72	71	**69**	62	54	44	32	1368	35
po-so-10- 9/6.5	4*	5.5*	10		85	81	80	**78**	70	60	49	36	1407	36
po-so-10-10/6.5	4*	5.5*	10		94	90	89	**86**	78	67	55	40	1446	37
po-so-10-11/6.5	5.5*	7.5*	14		103	99	97	**95**	86	74	60	44	1555	42
po-so-10-12/6.5	5.5*	7.5*	14		113	108	106	**104**	93	81	65	48	1594	42
po-so-10-13/6.5	5.5*	7.5*	14		122	117	115	**112**	101	87	71	52	1633	43
po-so-10-14/6.5	5.5*	7.5*	14		132	126	124	**121**	109	94	76	56	1672	44
po-so-10-15/6.5	7.5	10	17		141	135	133	**129**	117	101	82	60	1756	66
po-so-10-16/6.5	7.5	10	17		150	144	142	**138**	124	107	87	64	1795	67
po-so-10-17/6.5	7.5	10	17		160	153	151	**147**	132	114	93	68	1834	68
po-so-10-18/6.5	7.5	10	17		169	162	159	**155**	140	121	98	72	1873	69
po-so-10-19/6.5	7.5	10	17		179	171	168	**164**	148	128	104	76	1912	70
po-so-10-20/6.5	9.2	12.5	21		188	180	177	**173**	156	134	109	80	1991	75

* 4 inch motor

subject to alterations

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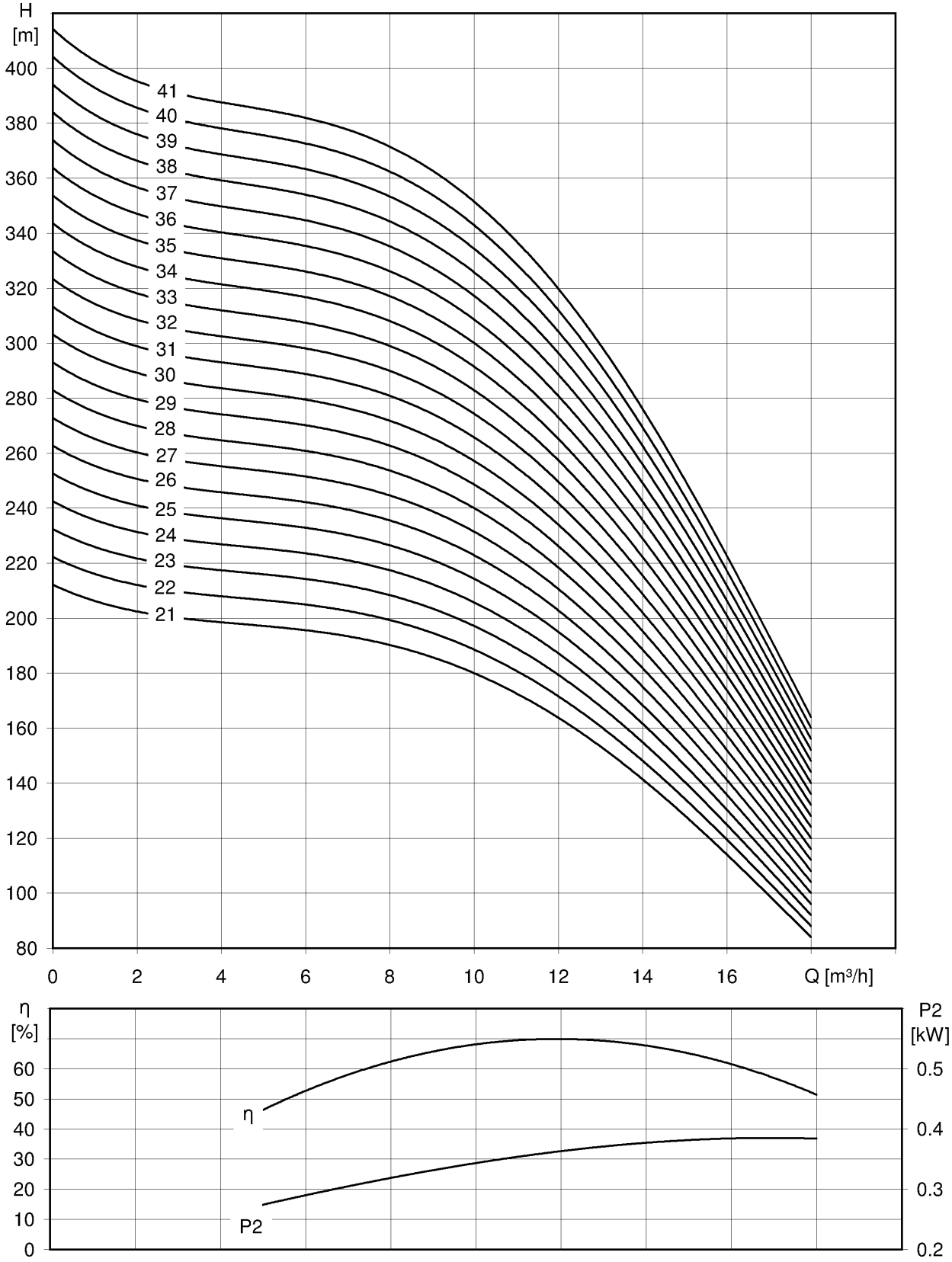
po-so-10/6.5

2850 1/min - 50 Hz



subject to alterations

po-so-10/6.5

2850 1/min - 50 Hz

Type	Power		Amperes	Delivery rate Q									Length	Weight
			400V	[l/s]	1.4	2.2	2.5	**2.8**	3.3	3.9	4.4	5.0	l	m
	[kW]	[HP]	[A]	[m³/h]	5	8	9	**10**	12	14	16	18	[mm]	[kg]
po-so-10-21/6.5	9.2	12.5	21	**Delivery head H [m]**	197	189	186	**181**	163	141	115	84	2030	76
po-so-10-22/6.5	9.2	12.5	21		207	198	195	**190**	171	148	120	88	2069	76
po-so-10-23/6.5	9.2	12.5	21		216	207	204	**199**	179	154	125	92	2108	77
po-so-10-24/6.5	11	15	24		226	216	213	**207**	187	161	131	96	2232	86
po-so-10-25/6.5	11	15	24		235	225	221	**216**	194	168	136	100	2310	87
po-so-10-26/6.5	11	15	24		244	234	230	**224**	202	175	142	104	2349	88
po-so-10-27/6.5	11	15	24		254	243	239	**233**	210	181	147	108	2388	89
po-so-10-28/6.5	11	15	24		263	252	248	**242**	218	188	153	112	2427	89
po-so-10-29/6.5	13	17.5	29		273	261	257	**250**	226	195	158	116	2501	94
po-so-10-30/6.5	13	17.5	29		282	270	266	**259**	233	201	164	120	2540	95
po-so-10-31/6.5	13	17.5	29		291	279	275	**268**	241	208	169	124	2579	96
po-so-10-32/6.5	13	17.5	29		301	289	283	**276**	249	215	174	128	2618	97
po-so-10-33/6.5	13	17.5	29		310	298	292	**285**	257	222	180	132	2657	98
po-so-10-34/6.5	15	20	32		320	307	301	**293**	264	228	185	136	2746	104
po-so-10-35/6.5	15	20	32		329	316	310	**302**	272	235	191	140	2785	104
po-so-10-36/6.5	15	20	32		338	325	319	**311**	280	242	196	144	2824	105
po-so-10-37/6.5	15	20	32		348	334	328	**319**	288	248	202	148	2863	106
po-so-10-38/6.5	15	20	32		357	343	337	**328**	296	255	207	152	2902	107
po-so-10-39/6.5	18.5	25	40		367	352	345	**337**	303	262	213	156	3006	115
po-so-10-40/6.5	18.5	25	40		376	361	354	**345**	311	269	218	160	3045	116
po-so-10-41/6.5	18.5	25	40		385	370	363	**354**	319	275	224	164	3084	117

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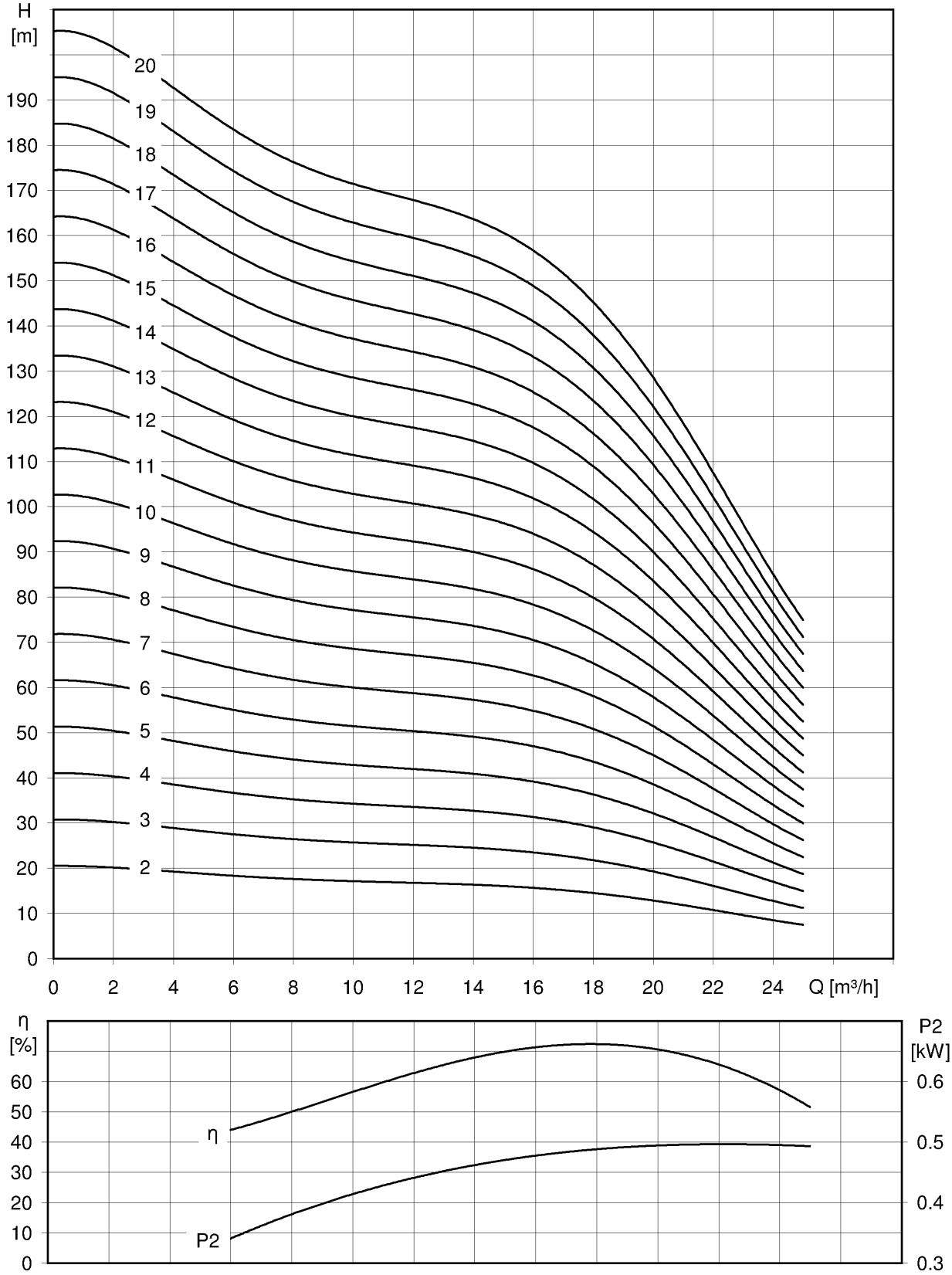
po-so-16/6.5

2850 1/min - 50 Hz



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po-so-16/6.5

2850 1/min - 50 Hz

Type	Power		Amperes	Delivery rate Q									Length	Weight
			400V	[l/s]	1.7	2.5	3.3	**4.4**	4.7	5.6	6.1	6.9	l	m
	[kW]	[HP]	[A]	[m³/h]	6	9	12	**16**	17	20	22	25	[mm]	[kg]
po-so-16- 2/6.5	1.1*	1.5*	3.4	**Delivery head H [m]**	18	17	17	**16**	15	13	11	7	806	16
po-so-16- 3/6.5	2.2*	3*	5.9		28	26	25	**24**	23	19	16	11	952	21
po-so-16- 4/6.5	2.2*	3*	5.9		37	35	33	**32**	30	25	22	15	991	22
po-so-16- 5/6.5	3*	4*	8.3		46	43	42	**40**	38	32	27	19	1181	30
po-so-16- 6/6.5	4*	5.5*	10		55	52	50	**47**	45	38	33	22	1290	34
po-so-16- 7/6.5	4*	5.5*	10		64	61	58	**55**	53	44	38	26	1329	35
po-so-16- 8/6.5	5.5*	7.5*	14		73	70	67	**63**	61	51	43	30	1438	39
po-so-16- 9/6.5	5.5*	7.5*	14		83	78	75	**71**	68	57	49	34	1477	40
po-so-16-10/6.5	5.5*	7.5*	14		92	87	83	**79**	76	63	54	37	1516	41
po-so-16-11/6.5	7.5	10	17		101	96	92	**87**	83	70	60	41	1600	63
po-so-16-12/6.5	7.5	10	17		110	104	100	**95**	91	76	65	45	1639	64
po-so-16-13/6.5	7.5	10	17		119	113	109	**103**	98	83	71	49	1678	65
po-so-16-14/6.5	7.5	10	17		128	122	117	**111**	106	89	76	52	1717	66
po-so-16-15/6.5	9.2	12.5	21		138	130	125	**119**	113	95	82	56	1796	70
po-so-16-16/6.5	9.2	12.5	21		147	139	134	**127**	121	102	87	60	1835	71
po-so-16-17/6.5	9.2	12.5	21		156	148	142	**135**	129	108	92	64	1874	72
po-so-16-18/6.5	9.2	12.5	21		165	157	150	**142**	136	114	98	67	1913	73
po-so-16-19/6.5	11	15	24		174	165	159	**150**	144	121	103	71	2037	82
po-so-16-20/6.5	11	15	24		183	174	167	**158**	151	127	109	75	2076	83

* 4 inch motor

subject to alterations

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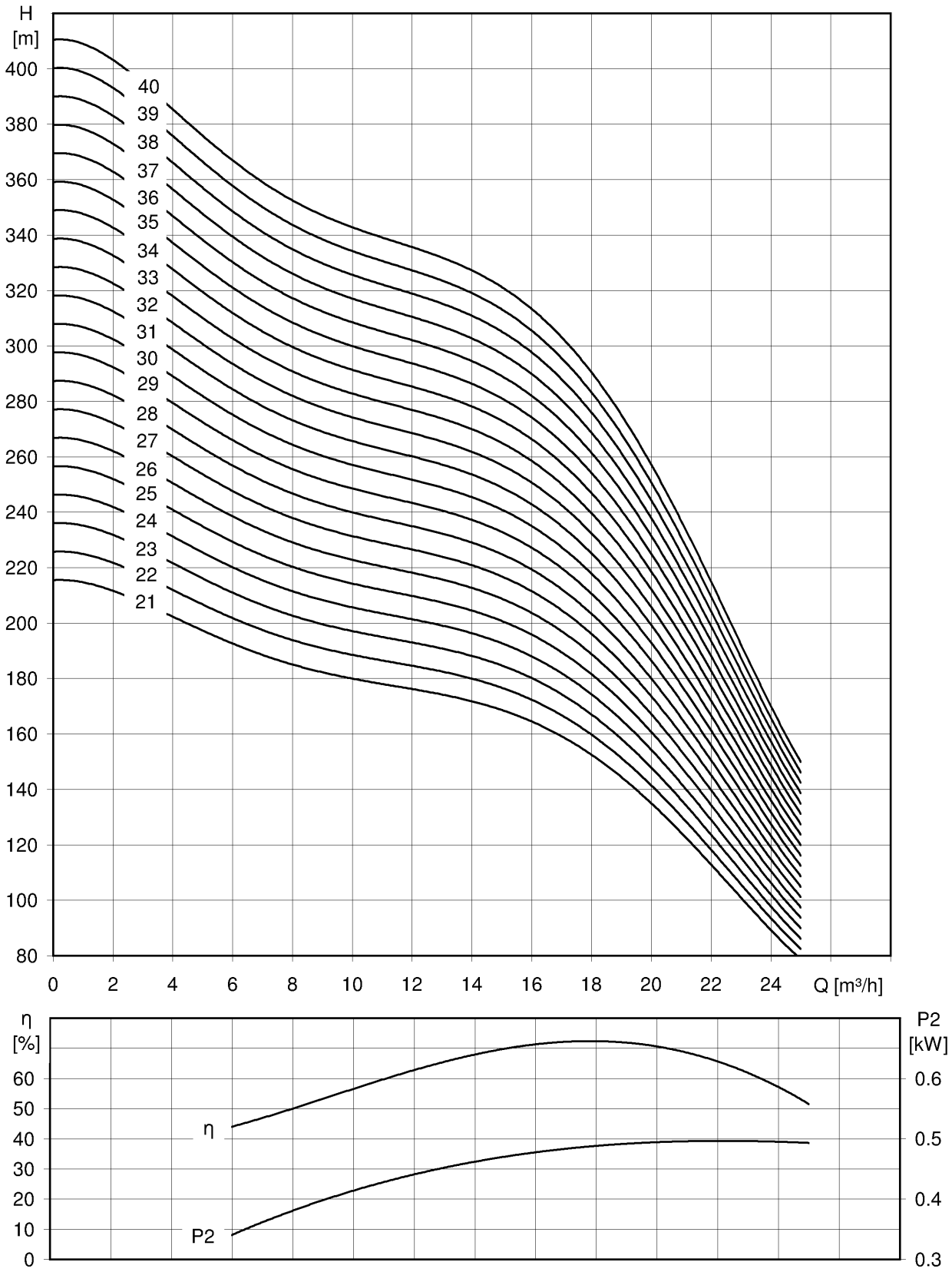
po-so-16/6.5

2850 1/min - 50 Hz



subject to alterations

po-so-16/6.5

2850 1/min - 50 Hz

Type	Power		Amperes	Delivery rate Q									Length	Weight
			400V	[l/s]	1.7	2.5	3.3	**4.4**	4.7	5.6	6.1	6.9	l	m
	[kW]	[HP]	[A]	[m³/h]	6	9	12	**16**	17	20	22	25	[mm]	[kg]
po-so-16-21/6.5	11	15	24	**Delivery head H [m]**	193	183	175	**166**	159	133	114	79	2115	84
po-so-16-22/6.5	13	17.5	29		202	191	184	**174**	166	140	120	82	2189	88
po-so-16-23/6.5	13	17.5	29		211	200	192	**182**	174	146	125	86	2228	89
po-so-16-24/6.5	13	17.5	29		220	209	200	**190**	182	152	130	90	2267	90
po-so-16-25/6.5	13	17.5	29		229	217	209	**198**	189	159	136	93	2345	91
po-so-16-26/6.5	15	20	32		239	226	217	**206**	197	165	141	97	2434	97
po-so-16-27/6.5	15	20	32		248	235	225	**214**	204	171	147	101	2473	98
po-so-16-28/6.5	15	20	32		257	243	234	**222**	212	178	152	105	2512	98
po-so-16-29/6.5	15	20	32		266	252	242	**229**	219	184	158	108	2551	99
po-so-16-30/6.5	18.5	25	40		275	261	250	**237**	227	190	163	112	2655	107
po-so-16-31/6.5	18.5	25	40		284	270	259	**245**	235	197	168	116	2694	108
po-so-16-32/6.5	18.5	25	40		294	278	267	**253**	242	203	174	120	2733	109
po-so-16-33/6.5	18.5	25	40		303	287	275	**261**	250	209	179	123	2772	110
po-so-16-34/6.5	18.5	25	40		312	296	284	**269**	257	216	185	127	2811	111
po-so-16-35/6.5	18.5	25	40		321	304	292	**277**	265	222	190	131	2850	111
po-so-16-36/6.5	18.5	25	40		330	313	301	**285**	272	229	196	135	2889	112
po-so-16-37/6.5	22	30	48		339	322	309	**293**	280	235	201	138	3003	120
po-so-16-38/6.5	22	30	48		349	330	317	**301**	287	241	207	142	3042	121
po-so-16-39/6.5	22	30	48		358	339	326	**309**	295	248	212	146	3081	122
po-so-16-40/6.5	22	30	48		367	348	334	**317**	303	254	217	150	3120	123

subject to alterations

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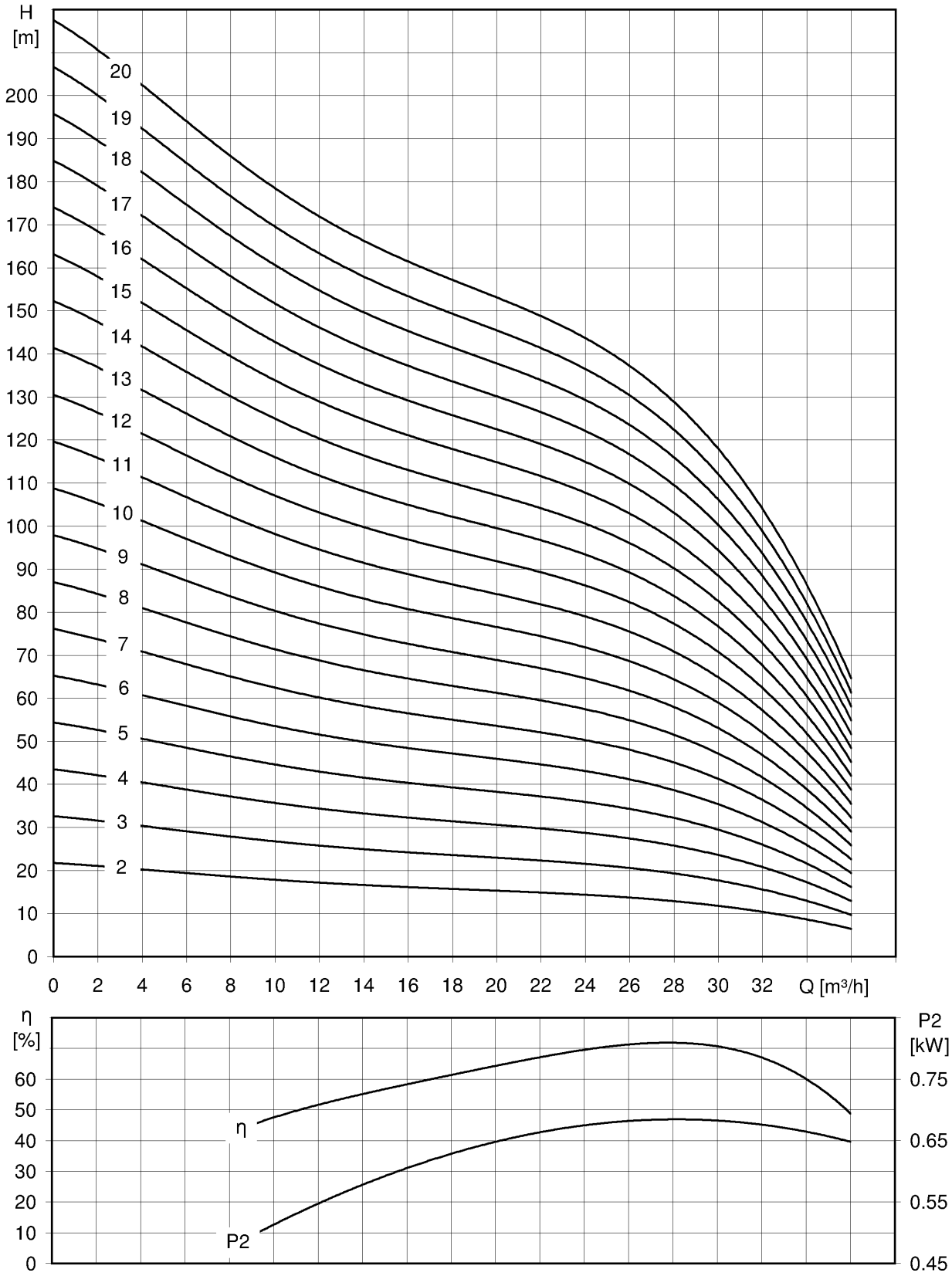
po-so-25/6.5

2850 1/min - 50 Hz



subject to alterations

po-so-25/6.5

2850 1/min - 50 Hz

Type	Power		Amperes	Delivery rate Q									Length	Weight
			400V	[l/s]	2.5	4.2	5.6	6.4	**6.9**	7.5	8.3	10	l	m
	[kW]	[HP]	[A]	[m³/h]	9	15	20	23	**25**	27	30	36	[mm]	[kg]
po-so-25- 2/6.5	2.2*	3*	5.9	**Delivery head H [m]**	18	17	15	14	**14**	14	12	6	943	21
po-so-25- 3/6.5	2.2*	3*	5.9		27	25	23	22	**21**	20	17	10	992	22
po-so-25- 4/6.5	3*	4*	8.3		36	33	30	29	**28**	27	23	13	1192	30
po-so-25- 5/6.5	4*	5.5*	10		45	41	38	36	**36**	34	29	16	1311	34
po-so-25- 6/6.5	5.5*	7.5*	14		54	50	45	43	**43**	41	35	19	1430	39
po-so-25- 7/6.5	5.5*	7.5*	14		64	58	53	51	**50**	48	41	23	1479	40
po-so-25- 8/6.5	7.5	10	17		73	66	60	58	**57**	54	46	26	1573	62
po-so-25- 9/6.5	7.5	10	17		82	75	68	65	**64**	61	52	29	1622	63
po-so-25-10/6.5	7.5	10	17		91	83	76	72	**71**	68	58	32	1671	64
po-so-25-11/6.5	9.2	12.5	21		100	91	83	80	**78**	75	64	36	1760	69
po-so-25-12/6.5	9.2	12.5	21		109	99	91	87	**85**	82	70	39	1809	70
po-so-25-13/6.5	9.2	12.5	21		118	108	98	94	**92**	88	75	42	1858	71
po-so-25-14/6.5	11	15	24		127	116	106	101	**99**	95	81	45	1992	80
po-so-25-15/6.5	11	15	24		136	124	113	109	**107**	102	87	49	2041	81
po-so-25-16/6.5	13	17.5	29		145	132	121	116	**114**	109	93	52	2125	86
po-so-25-17/6.5	13	17.5	29		154	141	129	123	**121**	116	99	55	2174	87
po-so-25-18/6.5	13	17.5	29		163	149	136	130	**128**	122	104	58	2223	88
po-so-25-19/6.5	15	20	32		173	157	144	138	**135**	129	110	62	2322	94
po-so-25-20/6.5	15	20	32		182	166	151	145	**142**	136	116	65	2371	95

* 4 inch motor

subject to alterations

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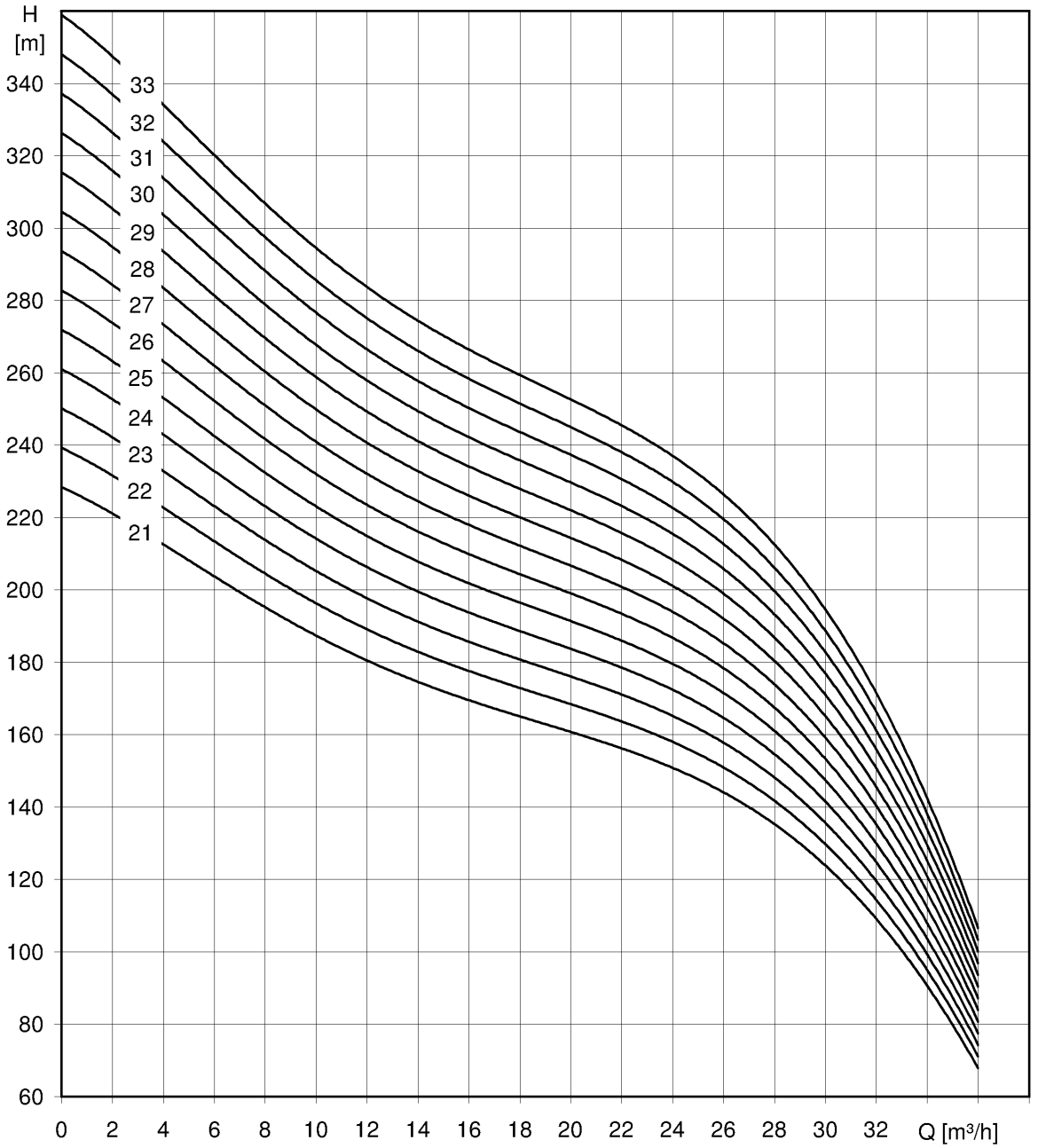
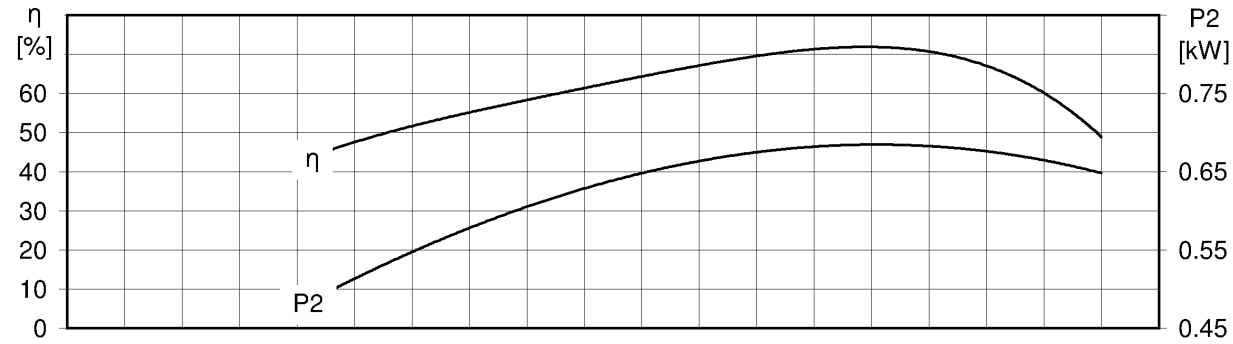
po-so-25/6.5

2850 1/min - 50 Hz





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po-so-25/6.5

2850 1/min - 50 Hz

Type	Power		Amperes	Delivery rate Q									Length	Weight
			400V	[l/s]	2.5	4.2	5.6	6.4	**6.9**	7.5	8.3	10	l	m
	[kW]	[HP]	[A]	[m³/h]	9	15	20	23	**25**	27	30	36	[mm]	[kg]
po-so-25-21/6.5	15	20	32	**Delivery head H [m]**	191	174	159	152	**149**	143	122	68	2420	96
po-so-25-22/6.5	18.5	25	40		200	182	166	159	**156**	150	128	71	2534	104
po-so-25-23/6.5	18.5	25	40		209	190	174	167	**163**	156	133	75	2583	105
po-so-25-24/6.5	18.5	25	40		218	199	181	174	**170**	163	139	78	2632	106
po-so-25-25/6.5	18.5	25	40		227	207	189	181	**178**	170	145	81	2730	107
po-so-25-26/6.5	18.5	25	40		236	215	197	188	**185**	177	151	84	2779	108
po-so-25-27/6.5	22	30	48		245	224	204	195	**192**	184	157	87	2903	116
po-so-25-28/6.5	22	30	48		254	232	212	203	**199**	190	162	91	2952	117
po-so-25-29/6.5	22	30	48		263	240	219	210	**206**	197	168	94	3001	118
po-so-25-30/6.5	22	30	48		272	248	227	217	**213**	204	174	97	3050	119
po-so-25-31/6.5	22	30	48		281	257	234	224	**220**	211	180	100	3099	120
po-so-25-32/6.5	22	30	48		291	265	242	232	**227**	218	186	104	3148	121
po-so-25-33/6.5	26	35	57		300	273	249	239	**234**	224	191	107	3267	128

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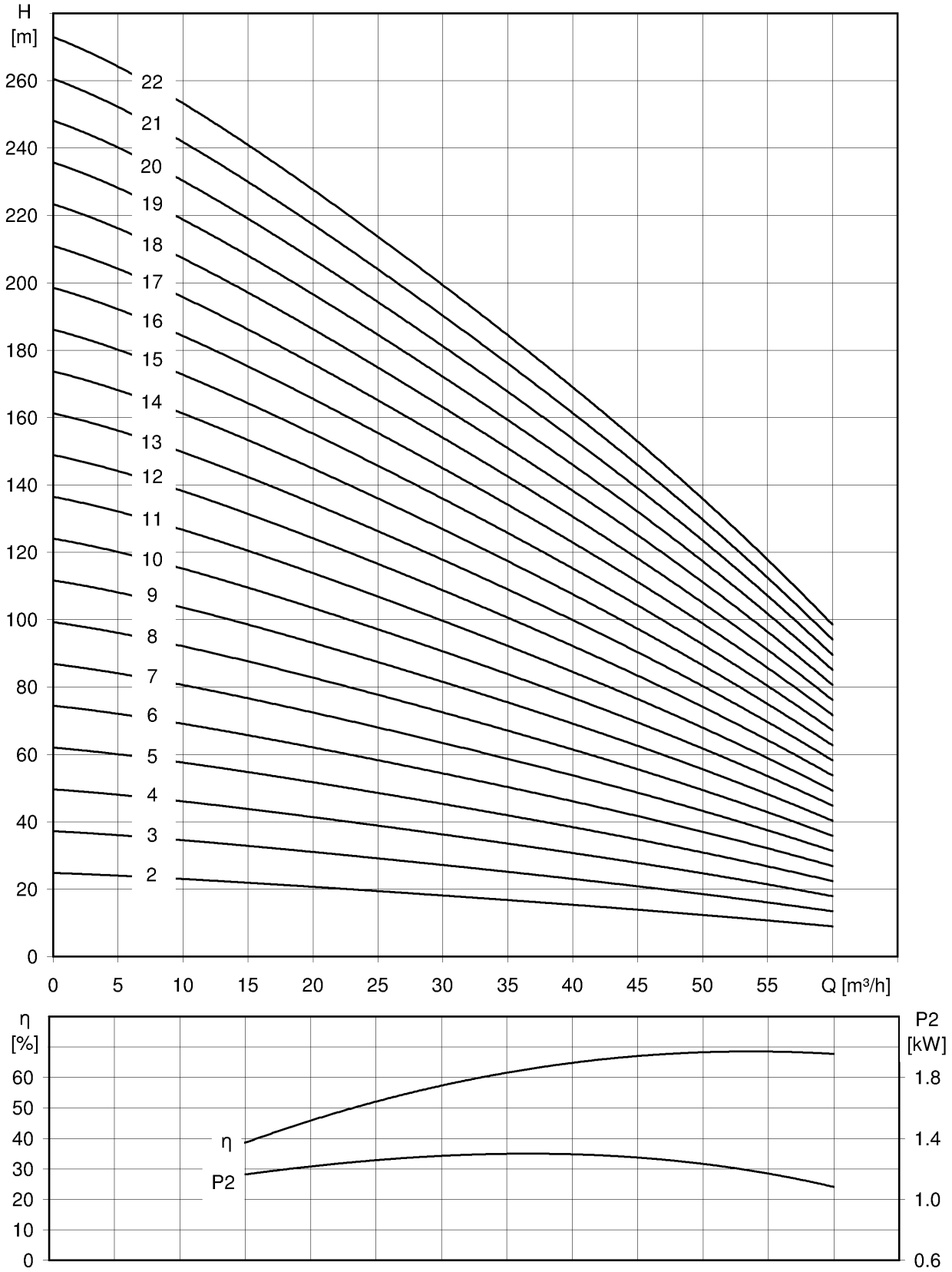
po-so-40/6.5

2850 1/min - 50 Hz



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po-so-40/6.5

2850 1/min - 50 Hz

Type	Power		Amperes	Delivery rate Q									Length	Weight
			400V	[l/s]	4.2	8.3	10	**11.1**	12.5	13.9	15.3	16.7	l	m
	[kW]	[HP]	[A]	[m³/h]	15	30	36	**40**	45	50	55	60	[mm]	[kg]
po-so-40- 2/6.5	3*	4*	8.3	**Delivery head H [m]**	22	18	17	**15**	14	12	11	9	1174	31
po-so-40- 3/6.5	4*	5.5*	10		33	27	25	**23**	21	19	16	13	1355	36
po-so-40- 4/6.5	5.5*	7.5*	14		44	36	33	**31**	28	25	21	18	1536	41
po-so-40- 5/6.5	7.5	10	17		55	45	41	**38**	35	31	27	22	1692	64
po-so-40- 6/6.5	9.2	12.5	21		66	54	50	**46**	42	37	32	27	1843	70
po-so-40- 7/6.5	9.2	12.5	21		77	63	58	**54**	49	43	38	31	1954	71
po-so-40- 8/6.5	11	15	24		88	72	66	**61**	55	49	43	36	2150	81
Po-so-40- 9/6.5	13	17.5	29		99	81	74	**69**	62	56	48	40	2296	86
po-so-40-10/6.5	15	20	32		110	90	83	**77**	69	62	54	45	2457	93
po-so-40-11/6.5	15	20	32		121	100	91	**85**	76	68	59	49	2568	94
po-so-40-12/6.5	18.5	25	40		131	109	99	**92**	83	74	64	54	2744	103
po-so-40-13/6.5	18.5	25	40		142	118	108	**100**	90	80	70	58	2855	104
po-so-40-14/6.5	18.5	25	40		153	127	116	**108**	97	87	75	63	2966	106
po-so-40-15/6.5	22	30	48		164	136	124	**115**	104	93	80	67	3152	114
po-so-40-16/6.5	22	30	48		175	145	132	**123**	111	99	86	72	3263	116
po-so-40-17/6.5	26	35	57		186	154	141	**131**	118	105	91	76	3444	123
po-so-40-18/6.5	26	35	57		197	163	149	**138**	125	111	97	81	3555	125
po-so-40-19/6.5	26	35	57		208	172	157	**146**	132	117	102	85	3666	126
po-so-40-20/6.5	30	40	64		219	181	165	**154**	139	124	107	90	3887	136
po-so-40-21/6.5	30	40	64		230	190	174	**161**	146	130	113	94	3998	137
po-so-40-22/6.5	30	40	64		241	199	182	**169**	153	136	118	99	4109	139

* 4 inch motor

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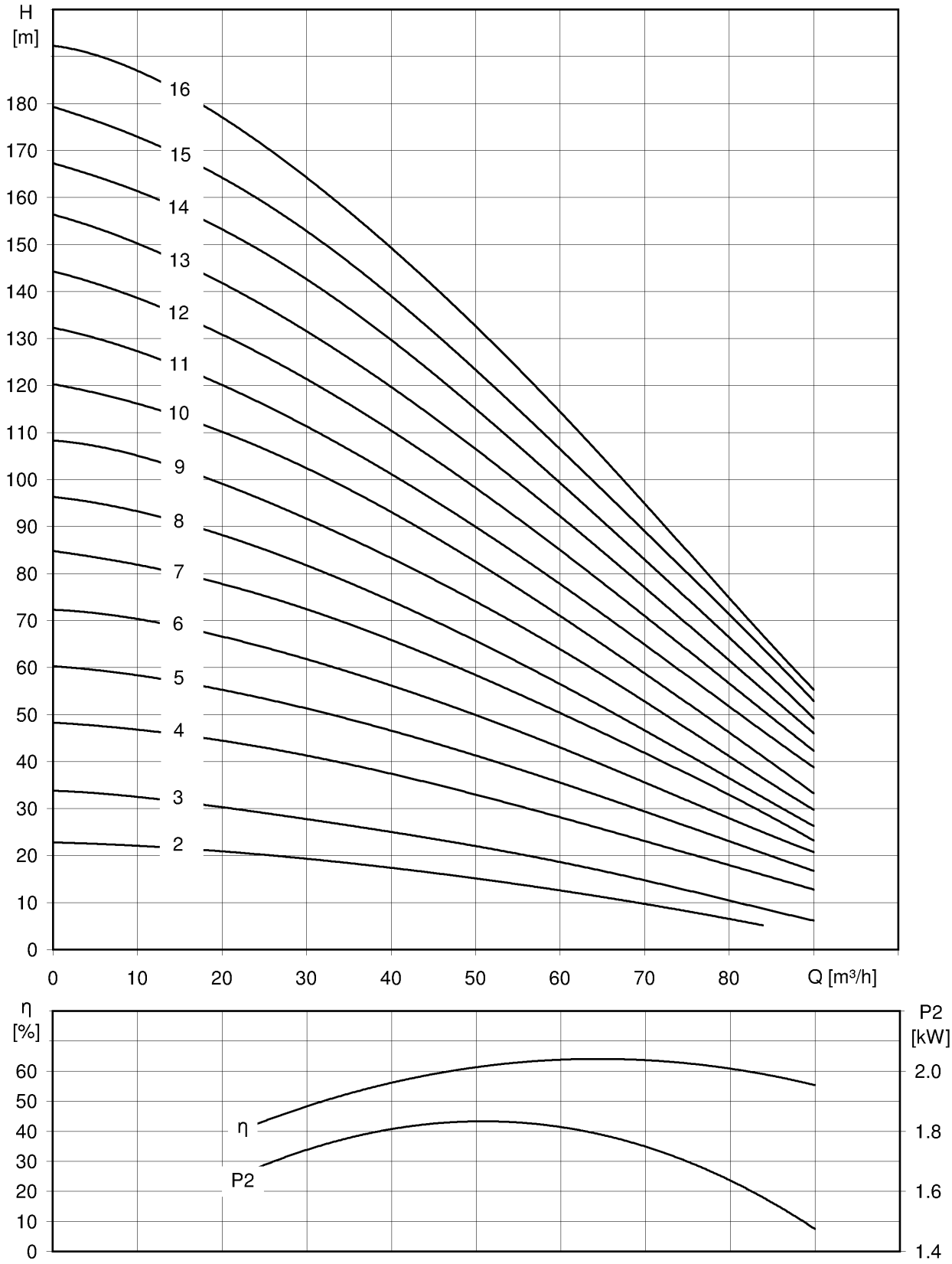
po-so-63/6.5

2850 1/min - 50 Hz



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po-so-63/6.5

2850 1/min - 50 Hz

Type	Power		Amperes	Delivery rate Q									Length	Weight
			400V	[l/s]	6.7	11.7	15	**17.5**	20	21.7	23.3	25	l	m
	[kW]	[HP]	[A]	[m³/h]	24	42	54	**63**	72	78	84	90	[mm]	[kg]
po-so-63- 2/6.5	4*	5.5*	10	**Delivery head H [m]**	20	17	14	**12**	9	7	5		1244	35
po-so-63- 3/6.5	5.5*	7.5*	14		29	25	21	**17**	14	11	9	6	1425	40
po-so-63- 4/6.5	7.5	10	17		43	37	31	**27**	22	19	16	13	1581	63
po-so-63- 5/6.5	9.2	12.5	21		54	46	39	**34**	28	24	21	17	1732	69
po-so-63- 6/6.5	11	15	24		65	55	47	**41**	34	29	25	21	1928	78
po-so-63- 7/6.5	13	17.5	29		76	65	55	**48**	40	35	29	23	2074	83
po-so-63- 8/6.5	15	20	32		86	73	62	**54**	45	38	33	26	2235	90
po-so-63- 9/6.5	18.5	25	40		96	82	70	**61**	51	43	37	30	2411	98
po-so-63-10/6.5	18.5	25	40		107	91	78	**67**	56	49	41	33	2522	100
po-so-63-11/6.5	22	30	48		117	99	85	**74**	62	54	47	39	2708	108
po-so-63-12/6.5	22	30	48		127	108	93	**81**	68	59	51	42	2819	109
po-so-63-13/6.5	26	35	57		138	117	101	**88**	74	64	56	46	3000	117
po-so-63-14/6.5	26	35	57		149	127	109	**95**	80	70	60	49	3111	118
po-so-63-15/6.5	30	40	64		160	136	117	**102**	85	75	64	53	3332	128
po-so-63-16/6.5	30	40	64		172	146	126	**109**	91	79	67	55	3443	129

* 4 inch motor

subject to alterations

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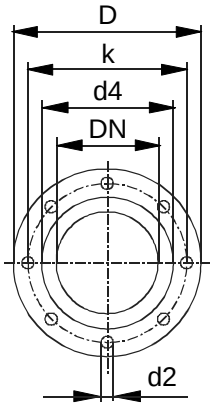
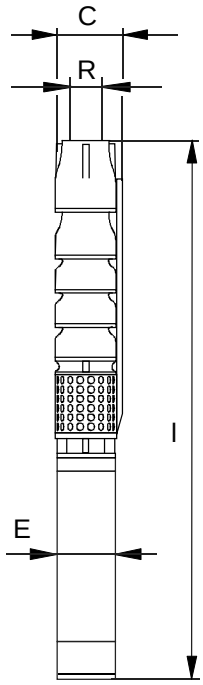
Specification

- multistage centrifugal pump in structured design coupled with **oddesse** submersible motor
- discharge end with integrated non-return valve
- driven by three-phase AC motors
- minimal water level above the pump unit 2 m
- min. cooling flow 0.5 m/s, max. ambient temperature 30 °C (higher temperature on request)
- pure, clean water with content of solid up to 50 mg/l
- standard connection: R = G3 (pipe thread according to DIN ISO 228 part 1)
- other connections on request
- hydraulic performance tests for acceptance according to DIN EN ISO 9906 class 2
- special design (Horizontal installation, etc.) on request

Main dimensions





C = 149 mm for 1 cable
C = 153 mm for 2 cable
C = flange see table below

E = 92.4 mm for po-mo4
E = 141 mm for po-mo6

Dimensions of adapters

Type	reduction thread	adapters						
		thread ⇒ flange	dimensions					
			D [mm]	b [mm]	k [mm]	d4 [mm]	d2 [mm]	m [kg]
po-so-63/6.4	G3 ⇒ G2	G3 ⇒ DN50, PN16	165	18	125	102	4× ø18	3.5
		G3 ⇒ DN50, PN40	165	20	125	102	4× ø18	3.7
		G3 ⇒ DN65, PN16	185	18	145	122	4× ø18	4.1
		G3 ⇒ DN65, PN40	185	22	145	122	8× ø18	4.3
		G3 ⇒ DN80, PN16	200	20	160	138	8× ø18	4.7
		G3 ⇒ DN80, PN40	200	24	160	138	8× ø18	5.7
		G3 ⇒ DN100, PN16	220	20	180	158	8× ø18	6.1
		G3 ⇒ DN100, PN40	235	24	190	162	8× ø22	8.0

Flange dimensions according to DIN 2633 (PN16) and DIN 2635 (PN40)
Material: zinc-coated or stainless steel
PN nominal pressure [bar], DN nominal diameter [mm], b thickness of flange [mm], m weight [kg]
Flanges with 2 cable recesses

subject to alterations

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Material of construction

Submersible motor pumps po-so/6.4

According to DIN

components	**design**	
	standard-version	**L-version**
impeller	grey cast iron GG25 / 0.6025	bronze CuSn10 / 2.1050
stage casing	grey cast iron GG25 / 0.6025	
suction casing	grey cast iron GG25 / 0.6025	
outlet branch	grey cast iron GG25 / 0.6025	
radial bearing	rubber / stainless steel	
suction strainer	stainless steel / 1.4301	
coupling	stainless steel / 1.4005	
shaft	stainless steel / 1.4021	
screws, nuts and bolts	stainless steel A2 1.4301 / 1.4303	
motor	see chapter submersible motors	

According to AISI

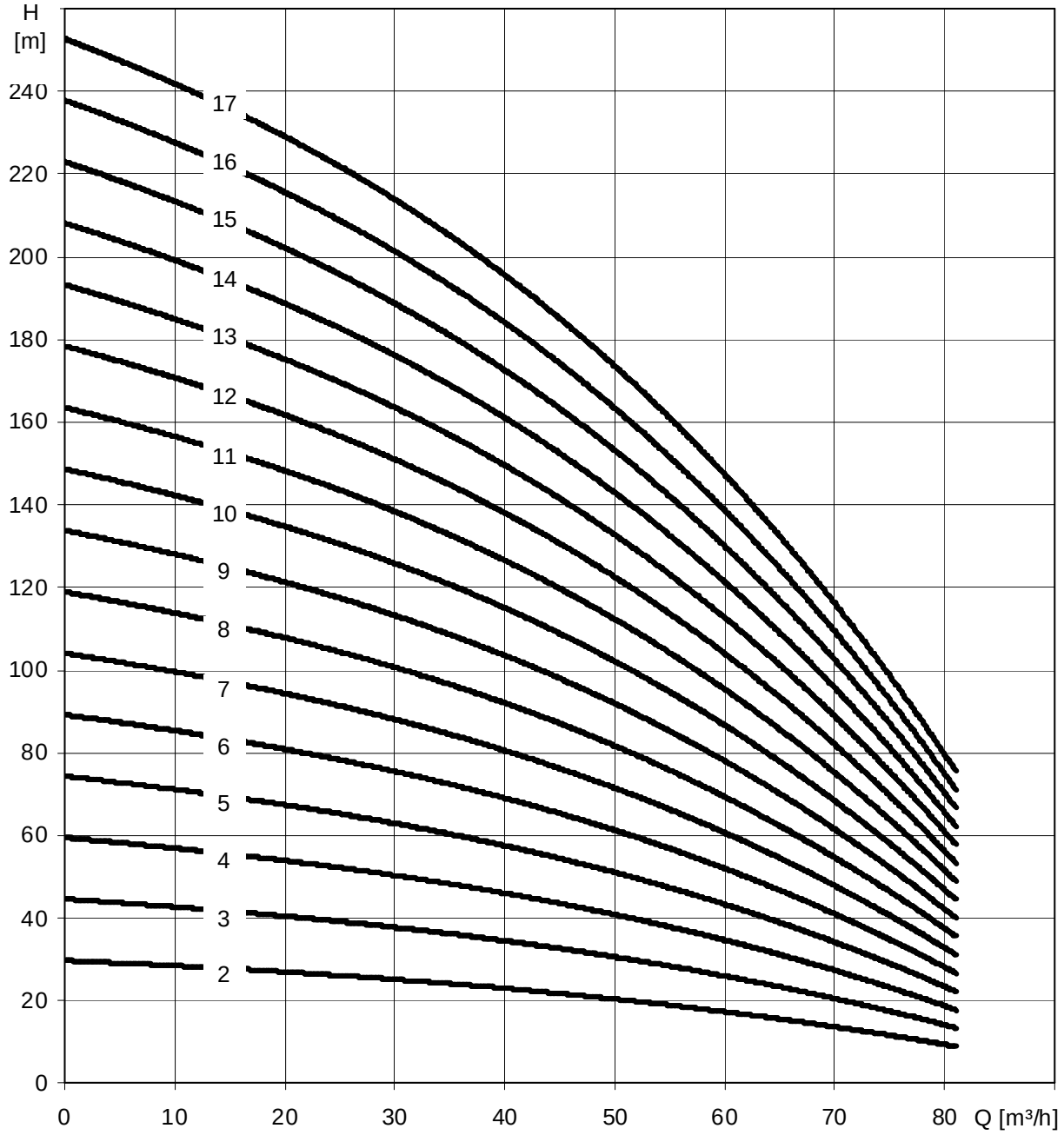
components	**design**	
	standard-version	**L-version**
impeller	grey cast iron A48-40B	bronze B584 C90500
stage casing	grey cast iron A48-40B	
suction casing	grey cast iron A48-40B	
outlet branch	grey cast iron A48-40B	
radial bearing	rubber / stainless steel	
suction strainer	stainless steel / AISI 304	
coupling	stainless steel / AISI 416	
shaft	stainless steel / AISI 420	
screws, nuts and bolts	stainless steel A2 AISI 304/305	
motor	see chapter submersible motors	

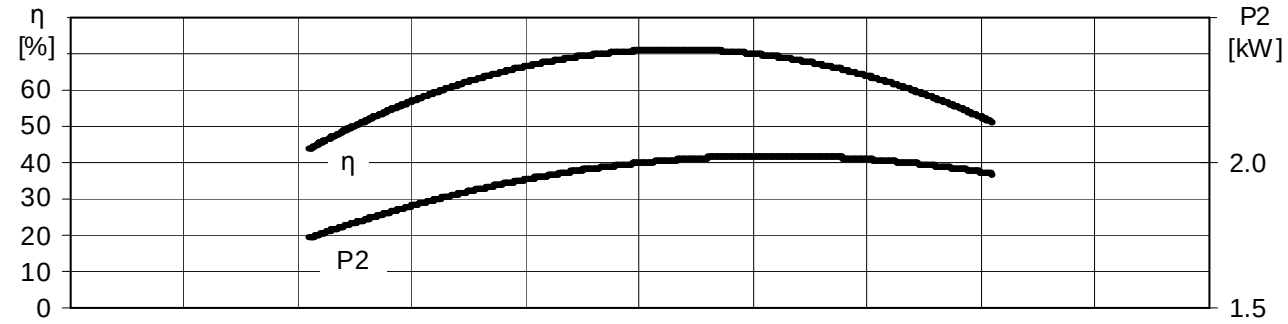
oddesse reserve the right to employ construction materials following German (DIN) standard

subject to alterations

po-so-63/6.4

2850 1/min - 50 Hz





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po-so-63/6.4

2850 1/min - 50 Hz

Type	Power	Amperes	Delivery rate Q									Length	Weight
	P	400V	[l/s]	6	14	16	**18**	18	20	21	23	l	m
	[kW]	[A]	[m³/h]	21	51	57	**63**	66	72	75	81	[mm]	[kg]
po-so-63- 2/6.4	5.5	14	**Delivery head H [m]**	27	20	18	**16**	15	13	12		1298	53
po-so-63- 3/6.4	7.5	17		40	30	27	**24**	23	19	17		1449	81
po-so-63- 4/6.4	9.2	21		54	40	37	**33**	31	26	23	18	1592	90
po-so-63- 5/6.4	11	24		67	50	46	**41**	39	32	29	22	1779	103
po-so-63- 6/6.4	13	29		81	60	55	**49**	46	39	35	27	1917	112
po-so-63- 7/6.4	15	32		94	70	64	**57**	54	45	41	31	2069	122
po-so-63- 8/6.4	18.5	40		107	80	73	**65**	62	51	46	35	2237	134
po-so-63- 9/6.4	22	48		121	90	82	**73**	69	58	52	40	2414	146
po-so-63-10/6.4	22	48		134	100	91	**81**	77	64	58	44	2517	151
po-so-63-11/6.4	26	57		148	110	101	**90**	85	71	64	49	2689	162
po-so-63-12/6.4	26	57		161	120	110	**98**	93	77	69	53	2792	167
po-so-63-13/6.4	30	64		175	130	119	**106**	100	84	75	58	3004	180
po-so-63-14/6.4	30	64		188	140	128	**114**	108	90	81	62	3107	185
po-so-63-15/6.4	34	71		201	150	137	**122**	116	96	87	66	3259	194
po-so-63-16/6.4	34	71		215	160	146	**130**	123	103	93	71	3362	199
po-so-63-17/6.4	37	78		228	170	155	**138**	131	109	98	75	3544	209

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