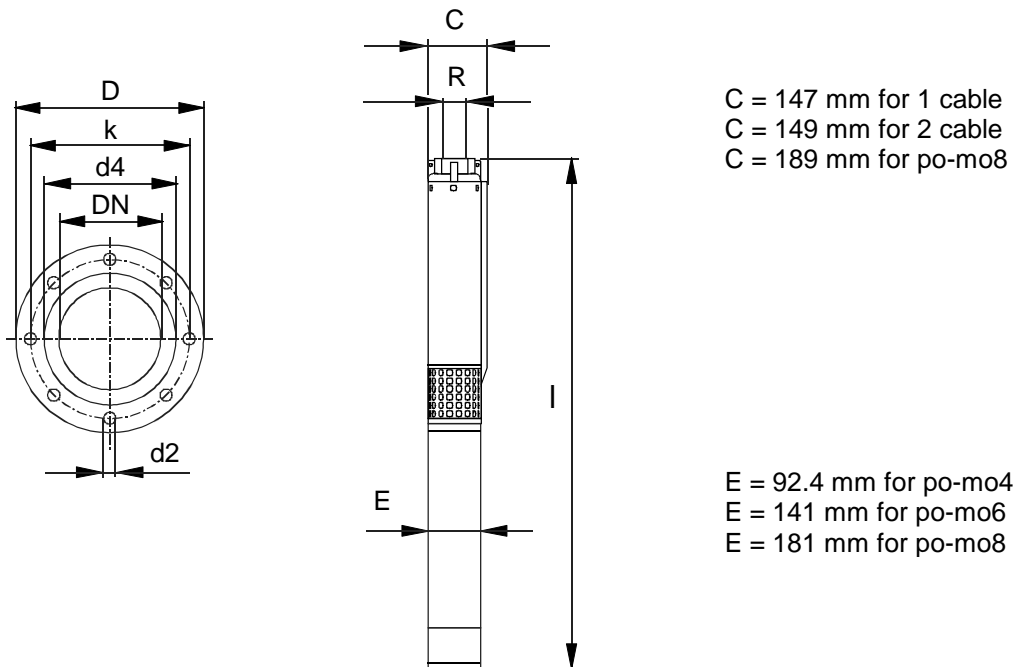


## Specification

- 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 100 mg/l
- standard connection: R = G2 ½ po-ss-13/6.2 and -18/6.2, pipe thread according to DIN ISO 228 part 1  
R = G3 po-ss-30/6.2, -45/6.2 and -60/6.2
- optional G3, G4 and NPT-thread on request
- other connections on request
- hydraulic performance tests for acceptance according to DIN EN ISO 9906 class 2
- special design (Horizontal installation, etc.) on request
- minimum efficiency index MEI ≥ 0.4

## Main dimensions



## Dimensions of adapters

Type	reduction thread	adapters						
		thread ⇒ flange	dimensions					
			D [mm]	b [mm]	k [mm]	d4 [mm]	d2 [mm]	m [kg]
po-ss-13/6.2 po-ss-18/6.2 po-ss-30/6.2 po-ss-45/6.2 po-ss-60/6.2	G2 ½ ⇒ G2 G3 ⇒ G2	G2 ½ ⇒ DN50, PN16	165	18	125	102	4x ø18	3.5
		G2 ½ ⇒ DN50, PN40	165	20	125	102	4x ø18	3.7
		G3 ⇒ DN65, PN16	185	18	145	122	4x ø18	4.1
		G3 ⇒ DN65, PN40	185	22	145	122	8x ø18	4.3
		G3 ⇒ DN80, PN16	200	20	160	138	8x ø18	4.7
		G3 ⇒ DN80, PN40	200	24	160	138	8x ø18	5.7
		G3 ⇒ DN100, PN16	220	20	180	158	8x ø18	6.1
		G3 ⇒ DN100, PN40	235	24	190	162	8x ø22	8.0

Flange dimensions according to DIN 2633 (PN16) and DIN 2635 (PN40)

Material: 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

## Material of construction (hydraulic parts in stamped design)

According to DIN

components	design	
	standard version (AISI 304)	N-version (AISI 316)
impeller	stainless steel / 1.4301	stainless steel / 1.4401
stage casing, diffuser	stainless steel / 1.4301	stainless steel / 1.4401
suction casing, outlet branch	stainless steel / 1.4301	stainless steel / 1.4401
radial bearing	rubber NBR / WC (Widia)	
external casing	stainless steel / 1.4301	stainless steel / 1.4401
suction strainer	stainless steel / 1.4401	
coupling	stainless steel / 1.4057 / 1.4460	stainless steel / 1.4401 / 1.4460
shaft	stainless steel / 1.4057	stainless steel / 1.4460
screws, nuts and bolts	stainless steel / 1.4401	
motor	see chapter submersible motors	

According to AISI

components	design	
	standard version (AISI 304)	N-version (AISI 316)
impeller	stainless steel / AISI 304	stainless steel / AISI 316
stage casing, diffuser	stainless steel / AISI 304	stainless steel / AISI 316
suction casing, outlet branch	stainless steel / AISI 304	stainless steel / AISI 316
radial bearing	rubber NBR / WC (Widia)	
external casing	stainless steel / AISI 304	stainless steel / AISI 316
suction strainer	stainless steel / AISI 316	
coupling	stainless steel / AISI 431 / 329	stainless steel / AISI 316 / 329
shaft	stainless steel / AISI 431	stainless steel / AISI 329
screws, nuts and bolts	stainless steel / AISI 316	
motor	see chapter submersible motors	

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

### Note:

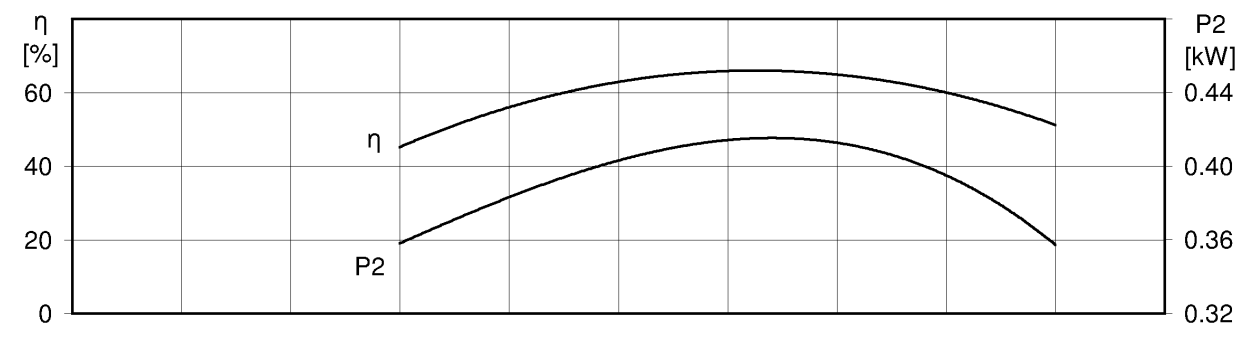
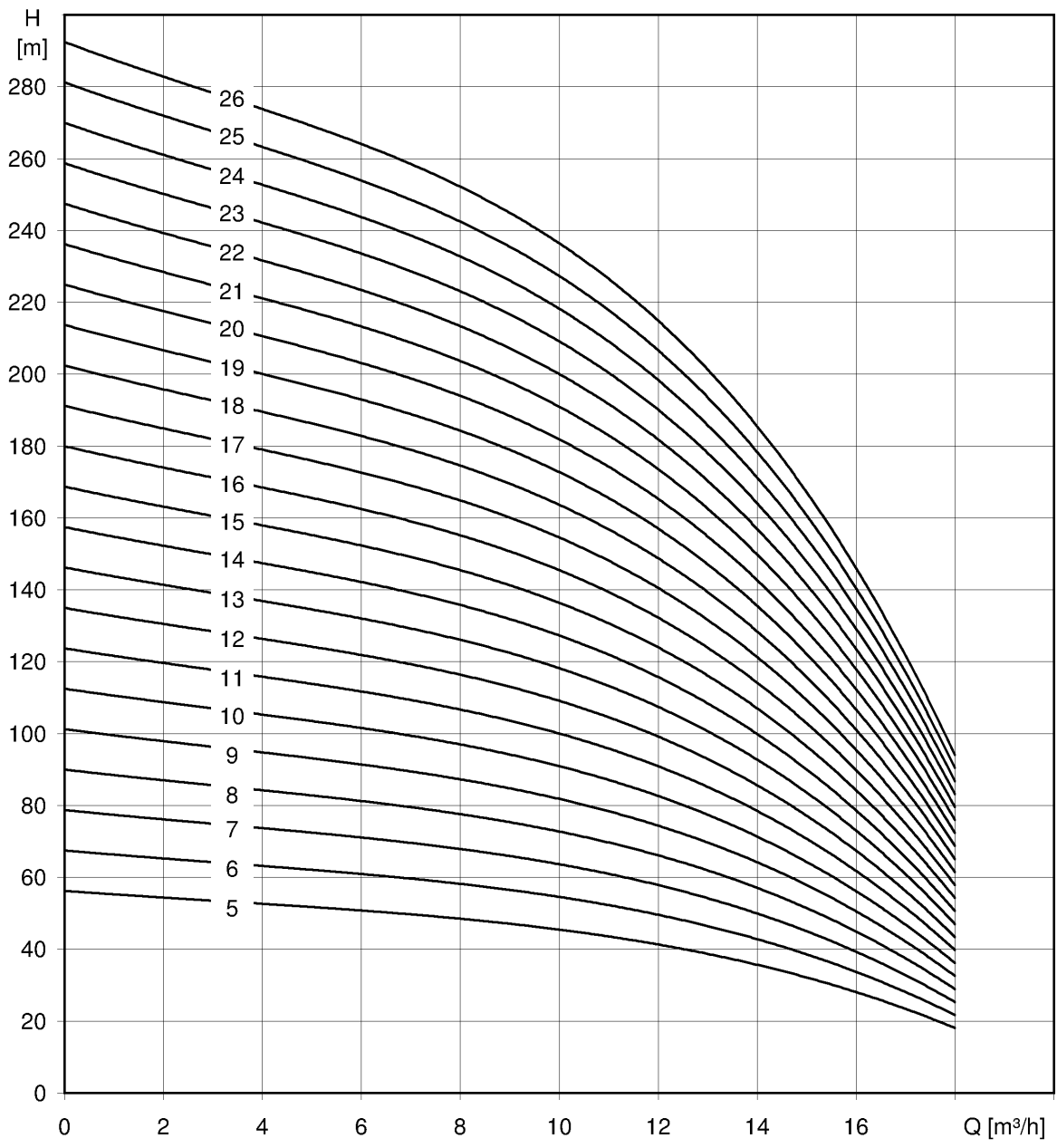
The minimum efficiency index (MEI) is based on the full impeller diameter. All pumps belonging to this series reach to delivery only with full impeller diameter.

The trimming of the impeller can adapt the pump to a fixed duty point, leading to reduced energy consumption. The efficiency of a pump with a trimmed impeller is usually lower than that of a pump with the full impeller diameter.

The operation of this water pump with variable duty points may be more efficient and economic when controlled, for example, by the use of a variable speed drive that matches the pump duty to the system.

Information about the efficiency reference value is available at [www.europump.org](http://www.europump.org), reference value charts are available at [www.europump.org/efficiencycharts](http://www.europump.org/efficiencycharts). subject to alterations

**po-ss-13/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-13/6.2**  
2850 1/min - 50 Hz

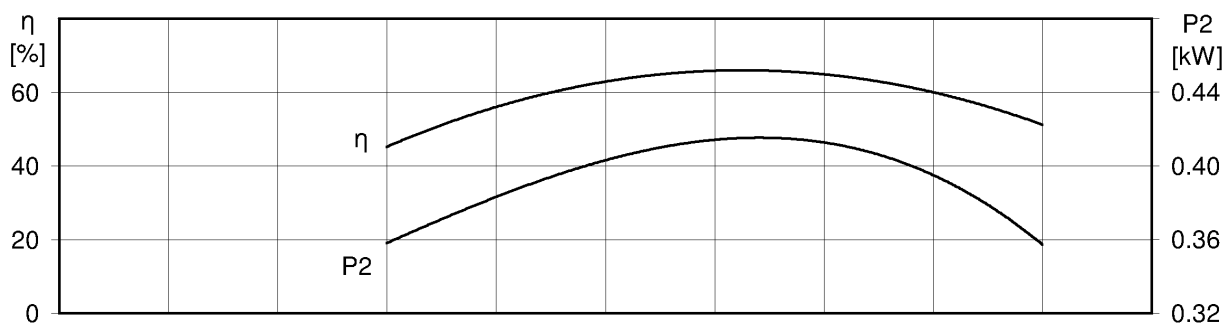
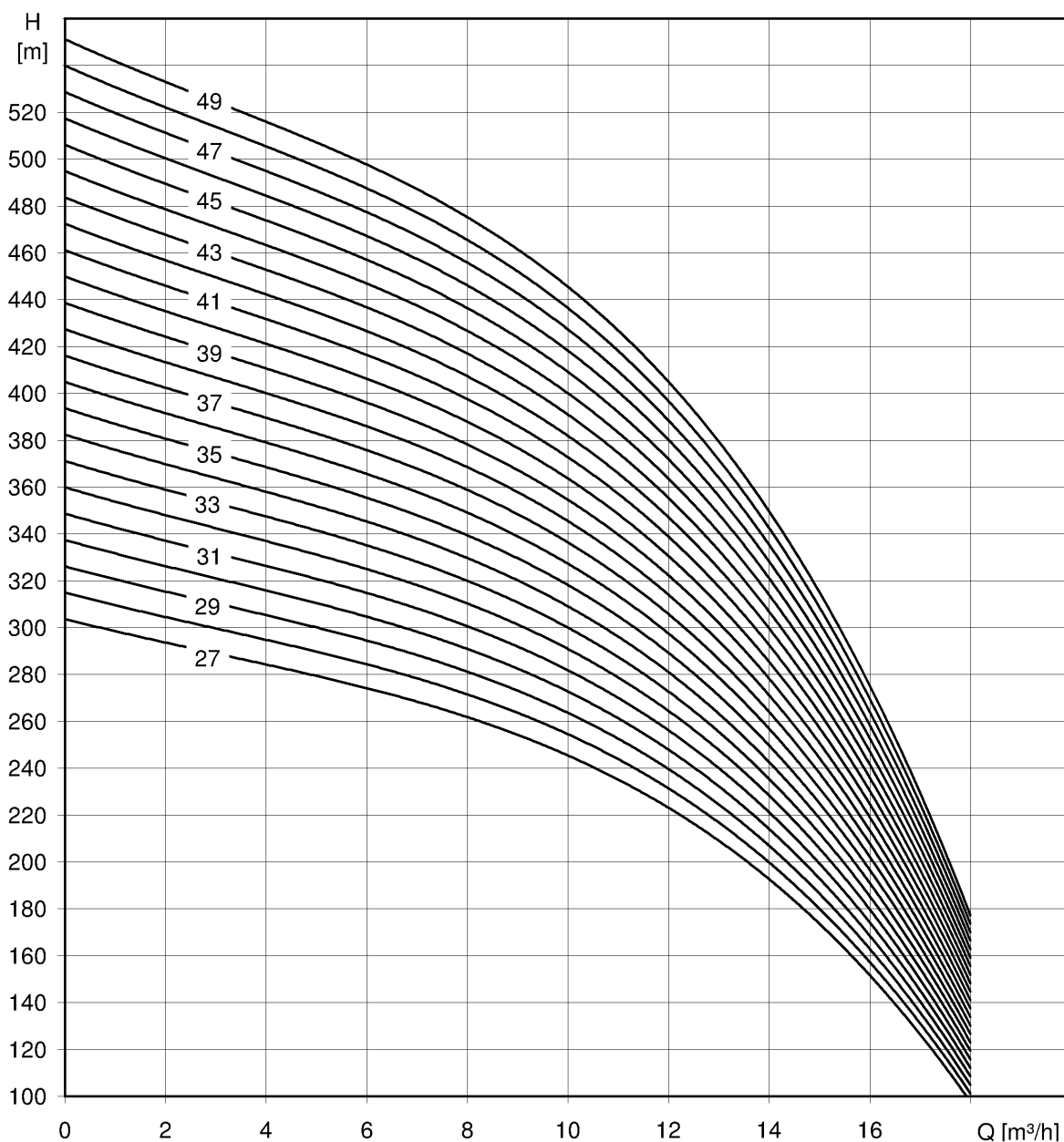
Type	Power		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
	[kW]	[HP]		[l/s]	1.7	2.2	2.8	3.3	3.6	3.9	4.4	5.0		
				[m³/h]	6	8	10	12	13	14	16	18		
po-ss-13- 5/6.2	2.2*	3*	5.9	Delivery head H [m]	51	49	46	41	39	36	28	18	804	25
po-ss-13- 6/6.2	3*	4*	8.3		61	58	55	49	46	43	34	22	985	32
po-ss-13- 7/6.2	3*	4*	8.3		71	68	64	58	54	50	39	25	1015	33
po-ss-13- 8/6.2	4*	5.5*	10		81	78	73	66	62	57	45	29	1115	37
po-ss-13- 9/6.2	4*	5.5*	10		91	87	82	74	70	64	51	33	1145	38
po-ss-13-10/6.2	5.5*	7.5*	14		101	97	91	82	77	71	56	36	1245	42
po-ss-13-11/6.2	5.5*	7.5*	14		112	107	100	91	85	79	62	40	1275	43
po-ss-13-12/6.2	5.5*	7.5*	14		122	117	109	99	93	86	68	43	1305	43
po-ss-13-13/6.2	5.5*	7.5*	14		132	126	118	107	101	93	73	47	1335	44
po-ss-13-14/6.2	7.5	10	17		142	136	128	115	108	100	79	51	1410	66
po-ss-13-15/6.2	7.5	10	17		152	146	137	124	116	107	85	54	1440	67
po-ss-13-16/6.2	7.5	10	17		162	156	146	132	124	114	90	58	1470	68
po-ss-13-17/6.2	7.5	10	17		172	165	155	140	132	121	96	61	1500	69
po-ss-13-18/6.2	9.2	12.5	21		183	175	164	148	139	129	102	65	1570	73
po-ss-13-19/6.2	9.2	12.5	21		193	185	173	156	147	136	107	69	1600	74
po-ss-13-20/6.2	9.2	12.5	21		203	194	182	165	155	143	113	72	1630	75
po-ss-13-21/6.2	9.2	12.5	21		213	204	191	173	162	150	118	76	1660	76
po-ss-13-22/6.2	9.2	12.5	21		223	214	200	181	170	157	124	79	1690	76
po-ss-13-23/6.2	11	15	24		233	224	210	189	178	164	130	83	1805	85
po-ss-13-24/6.2	11	15	24		243	233	219	198	186	171	135	87	1835	86
po-ss-13-25/6.2	11	15	24	254	243	228	206	193	179	141	90	1865	87	
po-ss-13-26/6.2	11	15	24	264	253	237	214	201	186	147	94	1895	87	

\* 4"-Motor

minimum efficiency index MEI ≥ 0.4

Subject to alterations

**po-ss-13/6.2**  
2850 1/min - 50 Hz



Subject to alterations

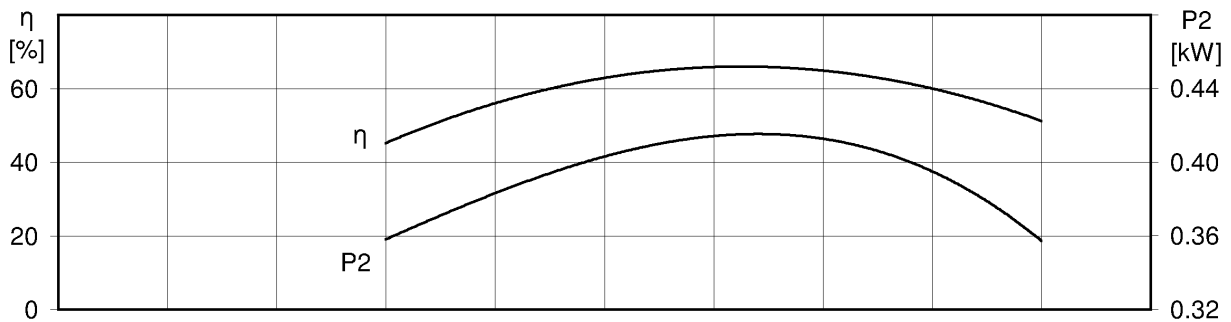
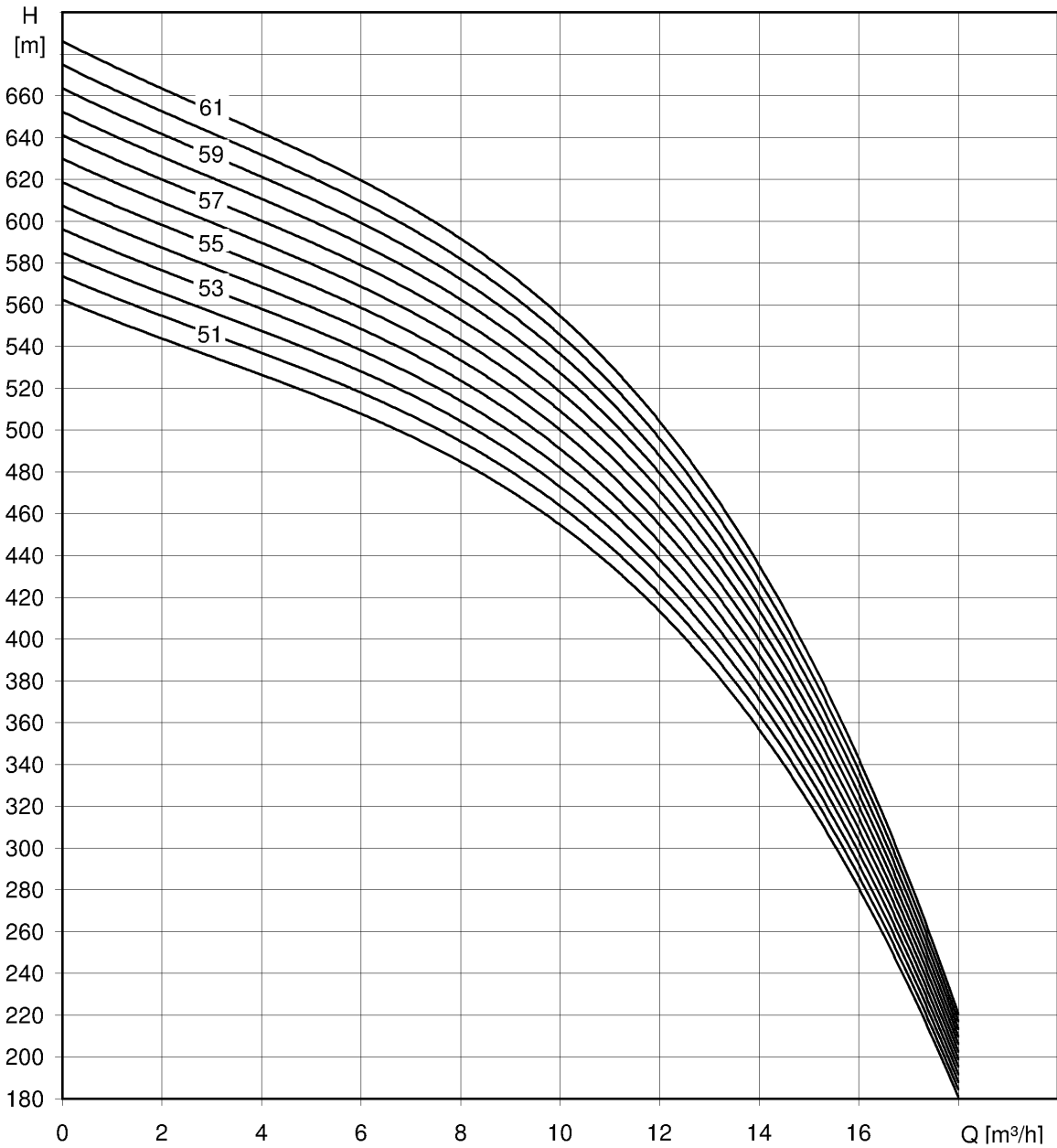
**po-ss-13/6.2**  
2850 1/min - 50 Hz

Type	Power		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
	[kW]	[HP]		[l/s]	1.7	2.2	2.8	3.3	3.6	3.9	4.4	5.0		
				[m³/h]	6	8	10	12	13	14	16	18		
po-ss-13-27/6.2	13	17.5	29	Delivery head H [m]	274	262	246	222	<b>209</b>	193	152	98	1960	92
po-ss-13-28/6.2	13	17.5	29		284	272	255	231	<b>217</b>	200	158	101	1990	93
po-ss-13-29/6.2	13	17.5	29		294	282	264	239	<b>224</b>	207	164	105	2020	94
po-ss-13-30/6.2	13	17.5	29		304	292	273	247	<b>232</b>	214	169	108	2050	94
po-ss-13-31/6.2	15	20	32		314	301	282	255	<b>240</b>	221	175	112	2130	100
po-ss-13-32/6.2	15	20	32		324	311	292	264	<b>248</b>	229	180	116	2160	101
po-ss-13-33/6.2	15	20	32		335	321	301	272	<b>255</b>	236	186	119	2190	102
po-ss-13-34/6.2	15	20	32		345	331	310	280	<b>263</b>	243	192	123	2220	102
po-ss-13-35/6.2	15	20	32		355	340	319	288	<b>271</b>	250	197	126	2250	103
po-ss-13-36/6.2	15	20	32		365	350	328	296	<b>279</b>	257	203	130	2280	104
po-ss-13-37/6.2	18.5	25	40		375	360	337	305	<b>286</b>	264	209	134	2375	112
po-ss-13-38/6.2	18.5	25	40		385	369	346	313	<b>294</b>	271	214	137	2405	112
po-ss-13-39/6.2	18.5	25	40		395	379	355	321	<b>302</b>	279	220	141	2435	113
po-ss-13-40/6.2	18.5	25	40		406	389	364	329	<b>310</b>	286	226	144	2465	114
po-ss-13-41/6.2	18.5	25	40		416	399	374	338	<b>317</b>	293	231	148	2495	115
po-ss-13-42/6.2	18.5	25	40		426	408	383	346	<b>325</b>	300	237	152	2525	115
po-ss-13-43/6.2	18.5	25	40		436	418	392	354	<b>333</b>	307	242	155	2555	116
po-ss-13-44/6.2	18.5	25	40		446	428	401	362	<b>340</b>	314	248	159	2585	117
po-ss-13-45/6.2	22	30	48		456	437	410	371	<b>348</b>	321	254	163	2615	118
po-ss-13-46/6.2	22	30	48		466	447	419	379	<b>356</b>	329	259	166	2720	125
po-ss-13-47/6.2	22	30	48	477	457	428	387	<b>364</b>	336	265	170	2750	126	
po-ss-13-48/6.2	22	30	48	487	467	437	395	<b>371</b>	343	271	173	2780	127	
po-ss-13-49/6.2	22	30	48	497	476	446	404	<b>379</b>	350	276	177	2810	128	

minimum efficiency index MEI ≥ 0.4

Subject to alterations

**po-ss-13/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-13/6.2**  
2850 1/min - 50 Hz

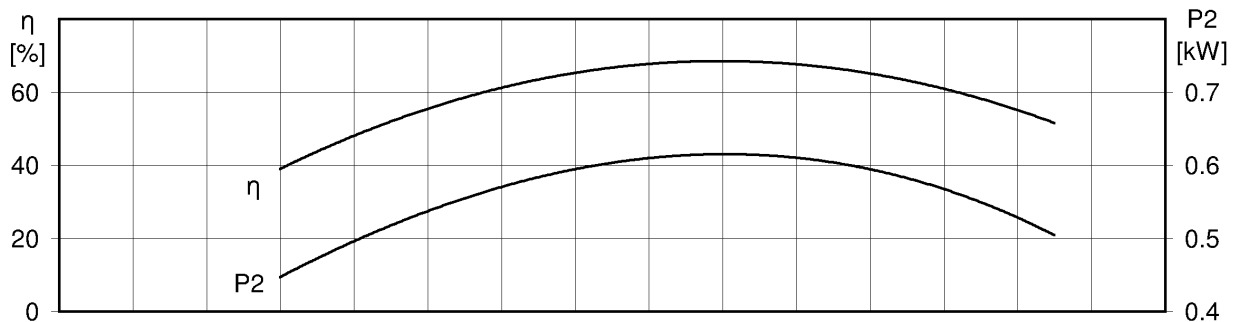
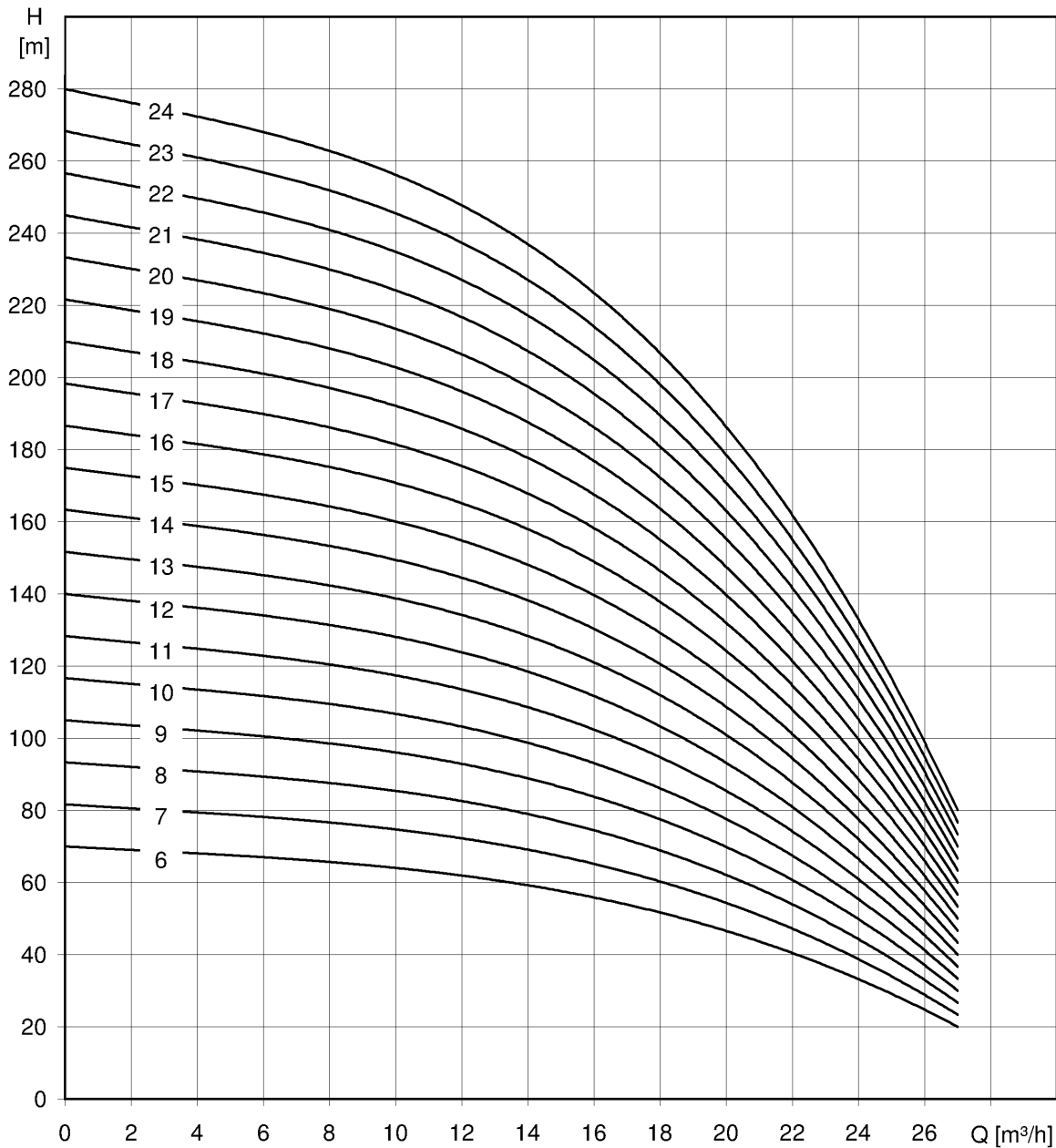
Type	Power		Amperes 400V [A]	Delivery rate Q									Length	Weight
	[kW]	[HP]		[l/s]	1.7	2.2	2.8	3.3	<b>3.6</b>	3.9	4.4	5.0	l	m
				[m³/h]	6	8	10	12	<b>13</b>	14	16	18	[mm]	[kg]
<b>po-ss-13-50/6.2</b>	22	30	48	Delivery head H [m]	507	486	456	412	<b>387</b>	357	282	181	2840	128
<b>po-ss-13-51/6.2</b>	22	30	48		517	496	465	420	<b>395</b>	364	288	184	2870	129
<b>po-ss-13-52/6.2</b>	22	30	48		527	506	474	428	<b>402</b>	371	293	188	2900	130
<b>po-ss-13-53/6.2</b>	26	35	57		537	515	483	436	<b>410</b>	379	299	191	3000	137
<b>po-ss-13-54/6.2</b>	26	35	57		548	525	492	445	<b>418</b>	386	305	195	3030	137
<b>po-ss-13-55/6.2</b>	26	35	57		558	535	501	453	<b>426</b>	393	310	199	3060	138
<b>po-ss-13-56/6.2</b>	26	35	57		568	544	510	461	<b>433</b>	400	316	202	3090	139
<b>po-ss-13-57/6.2</b>	26	35	57		578	554	519	469	<b>441</b>	407	321	206	3120	140
<b>po-ss-13-58/6.2</b>	26	35	57		588	564	528	478	<b>449</b>	414	327	209	3150	140
<b>po-ss-13-59/6.2</b>	26	35	57		598	574	538	486	<b>457</b>	421	333	213	3180	141
<b>po-ss-13-60/6.2</b>	26	35	57		608	583	547	494	<b>464</b>	429	338	217	3210	142
<b>po-ss-13-61/6.2</b>	26	35	57		619	593	556	502	<b>472</b>	436	344	220	3240	143

minimum efficiency index MEI ≥ 0.4

Subject to alterations



**po-ss-18/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-18/6.2**  
2850 1/min - 50 Hz

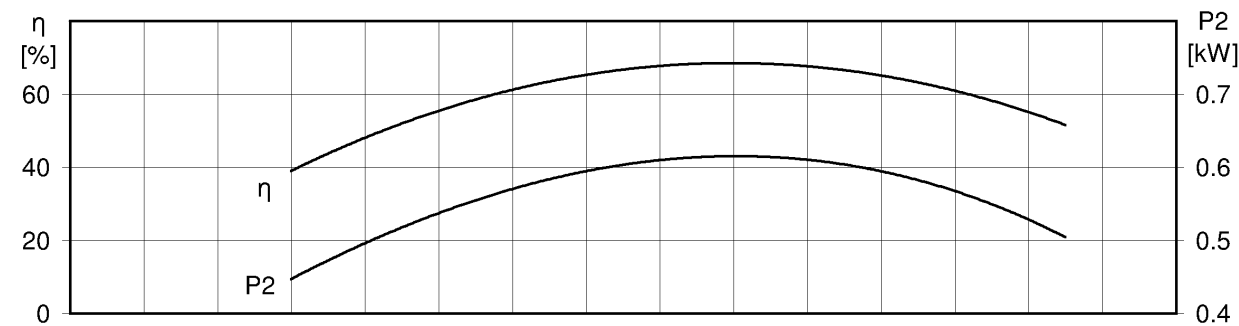
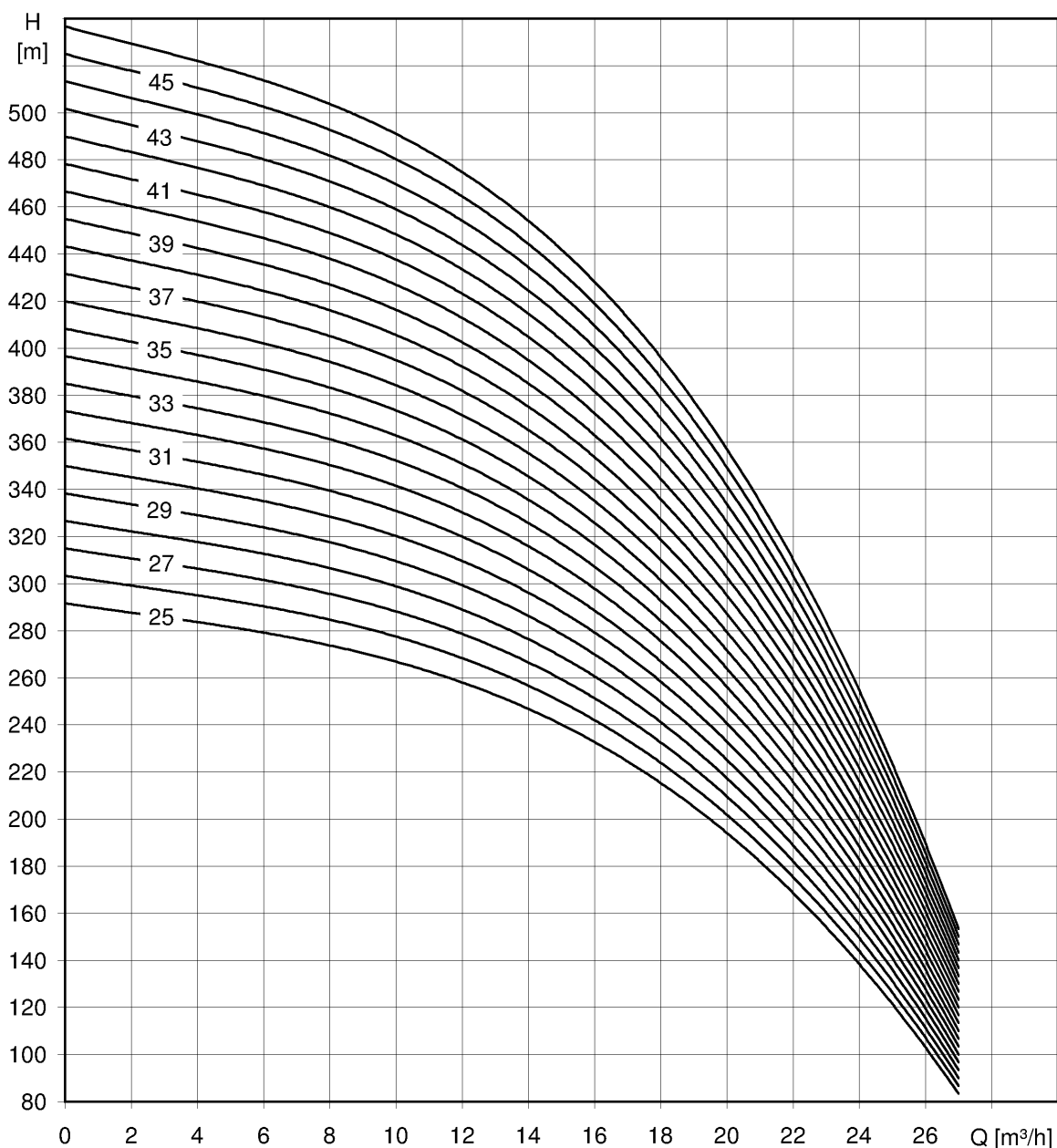
Type	Power		Amperes 400V [A]	Delivery rate Q								Length l [mm]	Weight m [kg]	
	[kW]	[HP]		[l/s]	1.7	2.5	3.3	4.2	5.0	5.8	6.7			7.5
				[m³/h]	6	9	12	15	18	21	24			27
po-ss-18- 6/6.2	4*	5.5*	10	Delivery head H [m]	67	65	62	58	52	44	33	20	1109	36
po-ss-18- 7/6.2	5.5*	7.5*	14		78	76	72	67	60	51	39	23	1217	40
po-ss-18- 8/6.2	5.5*	7.5*	14		89	87	82	77	69	58	44	27	1254	41
po-ss-18- 9/6.2	5.5*	7.5*	14		101	98	93	87	78	65	50	30	1292	42
po-ss-18-10/6.2	7.5	10	17		112	108	103	96	86	73	56	33	1374	64
po-ss-18-11/6.2	7.5	10	17		123	119	113	106	95	80	61	37	1412	65
po-ss-18-12/6.2	7.5	10	17		134	130	124	115	104	87	67	40	1449	65
po-ss-18-13/6.2	9.2	12.5	21		145	141	134	125	112	94	72	43	1527	70
po-ss-18-14/6.2	9.2	12.5	21		156	152	144	135	121	102	78	47	1564	71
po-ss-18-15/6.2	9.2	12.5	21		168	163	155	144	130	109	83	50	1602	72
po-ss-18-16/6.2	11	15	24		179	173	165	154	138	116	89	53	1724	81
po-ss-18-17/6.2	11	15	24		190	184	175	163	147	123	94	57	1762	82
po-ss-18-18/6.2	11	15	24		201	195	186	173	156	131	100	60	1799	82
po-ss-18-19/6.2	13	17.5	29		212	206	196	183	164	138	106	63	1872	87
po-ss-18-20/6.2	13	17.5	29		223	217	206	192	173	145	111	67	1909	88
po-ss-18-21/6.2	13	17.5	29		235	228	216	202	181	152	117	70	1947	89
po-ss-18-22/6.2	15	20	32		246	238	227	211	190	160	122	73	2034	95
po-ss-18-23/6.2	15	20	32		257	249	237	221	199	167	128	77	2072	96
po-ss-18-24/6.2	15	20	32	268	260	247	231	207	174	133	80	2109	96	

\* 4"-Motor

minimum efficiency index MEI ≥ 0.4

Subject to alterations

**po-ss-18/6.2**  
2850 1/min - 50 Hz



Subject to alterations

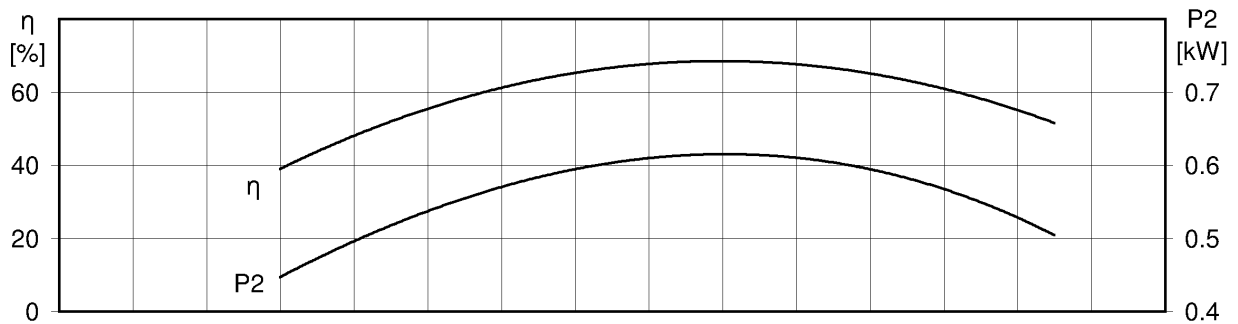
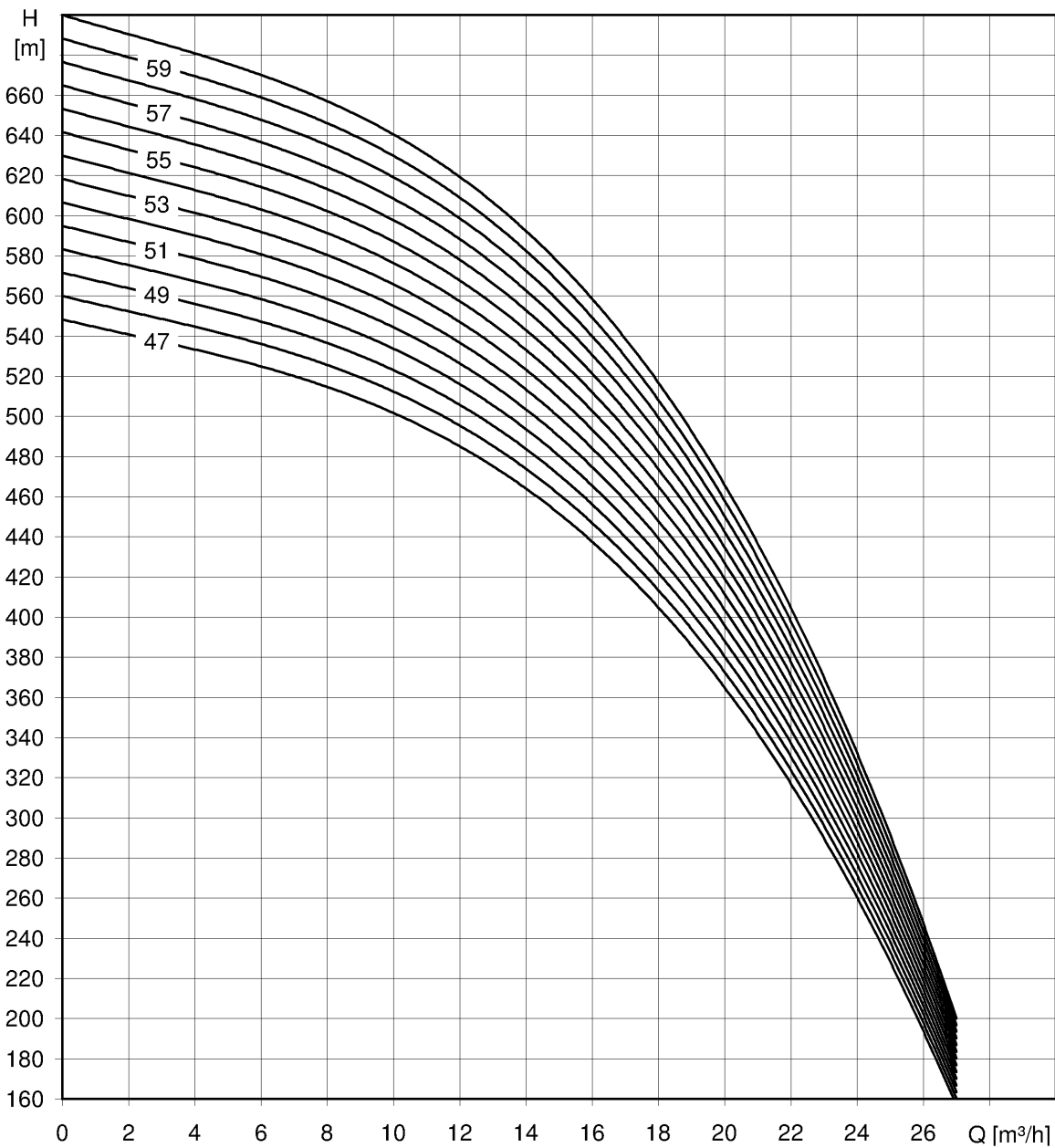
**po-ss-18/6.2**  
2850 1/min - 50 Hz

Type	Power		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
				[l/s]	1.7	2.5	3.3	4.2	5.0	5.8	6.7	7.5		
				[m³/h]	6	9	12	15	18	21	24	27		
po-ss-18-25/6.2	18.5	25	40	Delivery head H [m]	279	271	258	240	<b>216</b>	181	139	83	2212	104
po-ss-18-26/6.2	18.5	25	40		290	282	268	250	<b>225</b>	189	144	87	2249	105
po-ss-18-27/6.2	18.5	25	40		302	293	278	260	<b>233</b>	196	150	90	2287	106
po-ss-18-28/6.2	18.5	25	40		313	303	289	269	<b>242</b>	203	156	93	2324	107
po-ss-18-29/6.2	18.5	25	40		324	314	299	279	<b>251</b>	210	161	97	2362	108
po-ss-18-30/6.2	18.5	25	40		335	325	309	288	<b>259</b>	218	167	100	2399	108
po-ss-18-31/6.2	22	30	48		346	336	319	298	<b>268</b>	225	172	103	2512	116
po-ss-18-32/6.2	22	30	48		357	347	330	308	<b>276</b>	232	178	107	2549	117
po-ss-18-33/6.2	22	30	48		369	358	340	317	<b>285</b>	239	183	110	2587	118
po-ss-18-34/6.2	22	30	48		380	368	350	327	<b>294</b>	247	189	113	2624	119
po-ss-18-35/6.2	22	30	48		391	379	361	336	<b>302</b>	254	194	117	2662	120
po-ss-18-36/6.2	22	30	48		402	390	371	346	<b>311</b>	261	200	120	2699	120
po-ss-18-37/6.2	26	35	57		413	401	381	356	<b>320</b>	268	206	123	2807	127
po-ss-18-38/6.2	26	35	57		424	412	392	365	<b>328</b>	276	211	127	2844	128
po-ss-18-39/6.2	26	35	57		436	423	402	375	<b>337</b>	283	217	130	2882	129
po-ss-18-40/6.2	26	35	57		447	433	412	384	<b>346</b>	290	222	133	2919	130
po-ss-18-41/6.2	26	35	57		458	444	423	394	<b>354</b>	297	228	137	2957	131
po-ss-18-42/6.2	26	35	57		469	455	433	404	<b>363</b>	305	233	140	2994	131
po-ss-18-43/6.2	30	40	64		480	466	443	413	<b>371</b>	312	239	143	3142	140
po-ss-18-44/6.2	30	40	64		491	477	453	423	<b>380</b>	319	244	147	3179	141
po-ss-18-45/6.2	30	40	64	503	488	464	433	<b>389</b>	326	250	150	3217	142	
po-ss-18-46/6.2	30	40	64	514	498	474	442	<b>397</b>	334	256	153	3254	143	

minimum efficiency index MEI ≥ 0.4

Subject to alterations

**po-ss-18/6.2**  
2850 1/min - 50 Hz



Subject to alterations

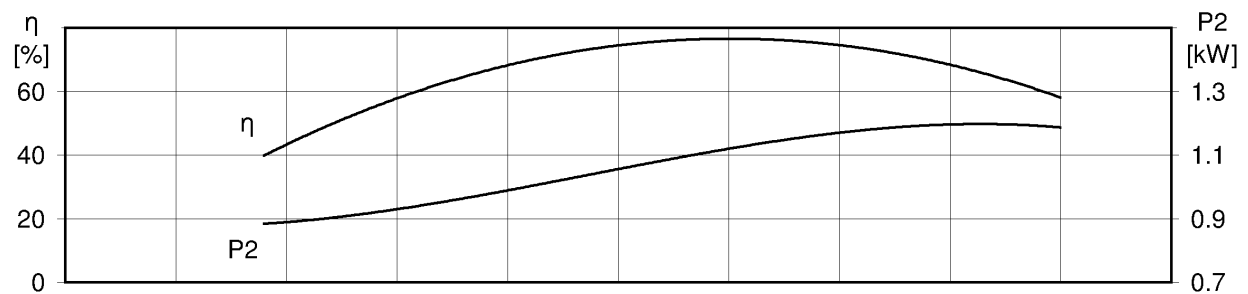
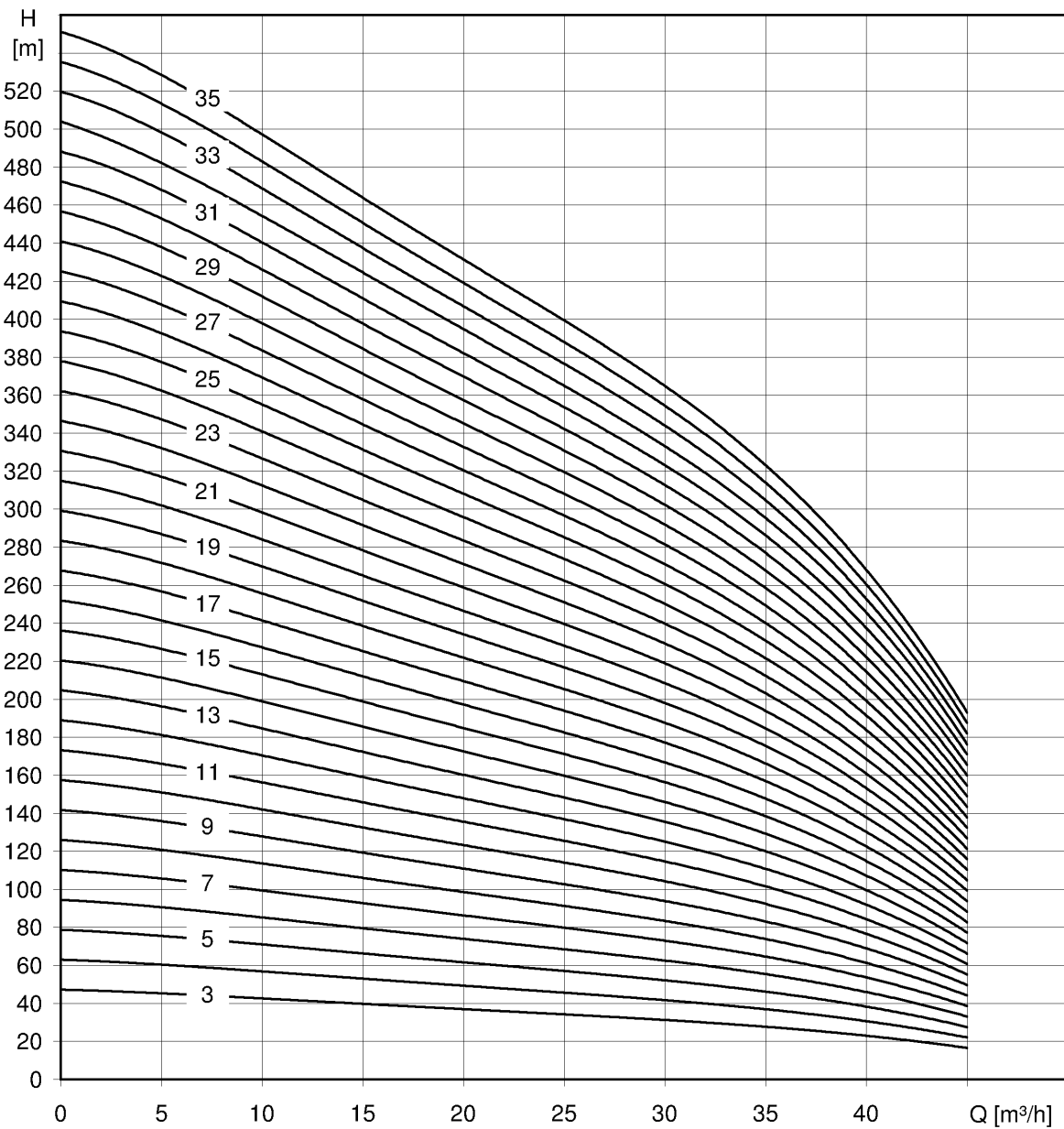
**po-ss-18/6.2**  
2850 1/min - 50 Hz

Type	Power [kW] [HP]		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
				[l/s]	1.7	2.5	3.3	4.2	5.0	5.8	6.7	7.5		
				[m³/h]	6	9	12	15	18	21	24	27		
po-ss-18-47/6.2	30	40	64	Delivery head H [m]	525	509	484	452	<b>406</b>	341	261	157	3292	144
po-ss-18-48/6.2	30	40	64		536	520	495	461	<b>415</b>	348	267	160	3329	144
po-ss-18-49/6.2	34	45	71		547	531	505	471	<b>423</b>	355	272	163	3417	149
po-ss-18-50/6.2	34	45	71		558	542	515	481	<b>432</b>	363	278	167	3454	150
po-ss-18-51/6.2	34	45	71		570	553	526	490	<b>441</b>	370	283	170	3492	151
po-ss-18-52/6.2	34	45	71		581	563	536	500	<b>449</b>	377	289	173	3529	152
po-ss-18-53/6.2	34	45	71		592	574	546	509	<b>458</b>	384	294	177	3567	153
po-ss-18-54/6.2	34	45	71		603	585	557	519	<b>467</b>	392	300	180	3604	153
po-ss-18-55/6.2	34	45	71		614	596	567	529	<b>475</b>	399	306	183	3642	154
po-ss-18-56/6.2	37	50	78		625	607	577	538	<b>484</b>	406	311	187	3759	160
po-ss-18-57/6.2	37	50	78		637	618	587	548	<b>492</b>	413	317	190	3797	161
po-ss-18-58/6.2	37	50	78		648	628	598	557	<b>501</b>	421	322	193	3834	162
po-ss-18-59/6.2	37	50	78		659	639	608	567	<b>510</b>	428	328	197	3872	163
po-ss-18-60/6.2	37	50	78		670	650	618	577	<b>518</b>	435	333	200	3909	163

minimum efficiency index MEI ≥ 0.4

Subject to alterations

**po-ss-30/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-30/6.2**  
2850 1/min - 50 Hz

Type	Power		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
	[kW]	[HP]		[l/s]	2.5	4.2	5.6	6.9	8.3	9.7	11.1	12.5		
				[m³/h]	9	15	20	25	30	35	40	45		
po-ss-30- 3/6.2	4*	5.5*	10	43	40	37	34	31	28	23	17	1234	38	
po-ss-30- 4/6.2	5.5*	7.5*	14	58	53	49	46	42	37	31	22	1390	43	
po-ss-30- 5/6.2	7.5	10	17	72	66	62	57	52	46	38	28	1520	67	
po-ss-30- 6/6.2	7.5	10	17	86	80	74	69	62	56	46	33	1605	69	
po-ss-30- 7/6.2	9.2	12.5	21	101	93	86	80	73	65	54	39	1731	75	
po-ss-30- 8/6.2	11	15	24	115	106	99	91	83	74	61	44	1901	85	
po-ss-30- 9/6.2	11	15	24	130	119	111	103	94	83	69	50	1987	87	
po-ss-30-10/6.2	13	17.5	29	144	133	123	114	104	93	76	55	2107	93	
po-ss-30-11/6.2	15	20	32	158	146	136	126	114	102	84	61	2243	101	
po-ss-30-12/6.2	15	20	32	173	159	148	137	125	111	92	66	2328	103	
po-ss-30-13/6.2	18.5	25	40	187	172	160	148	135	121	99	72	2479	112	
po-ss-30-14/6.2	18.5	25	40	201	186	173	160	146	130	107	77	2564	114	
po-ss-30-15/6.2	18.5	25	40	216	199	185	171	156	139	115	83	2650	116	
po-ss-30-16/6.2	22	30	48	230	212	197	183	166	148	122	88	2810	125	
po-ss-30-17/6.2	22	30	48	245	226	209	194	177	158	130	94	2895	127	
po-ss-30-18/6.2	22	30	48	259	239	222	206	187	167	138	99	2981	129	
po-ss-30-19/6.2	26	35	57	273	252	234	217	198	176	145	105	3136	137	
po-ss-30-20/6.2	26	35	57	288	265	246	228	208	185	153	110	3222	139	
po-ss-30-21/6.2	26	35	57	302	279	259	240	218	195	161	116	3307	142	
po-ss-30-22/6.2	30	40	64	317	292	271	251	229	204	168	121	3502	152	
po-ss-30-23/6.2	30	40	64	331	305	283	263	239	213	176	127	3588	154	
po-ss-30-24/6.2	30	40	64	345	318	296	274	250	222	184	133	3673	156	
po-ss-30-25/6.2	34	45	71	360	332	308	285	260	232	191	138	3808	162	
po-ss-30-26/6.2	34	45	71	374	345	320	297	270	241	199	144	3894	164	
po-ss-30-27/6.2	34	45	71	389	358	333	308	281	250	206	149	3979	166	
po-ss-30-28/6.2	37	50	78	403	371	345	320	291	260	214	155	4144	173	
po-ss-30-29/6.2	37	50	78	417	385	357	331	302	269	222	160	4230	175	
po-ss-30-30/6.2	37	50	78	432	398	370	343	312	278	229	166	4315	177	
po-ss-30-31/6.2	45**	60**	95	446	411	382	354	322	287	237	171	4363	224	
po-ss-30-32/6.2	45**	60**	95	461	424	394	365	333	297	245	177	4449	226	
po-ss-30-33/6.2	45**	60**	95	475	438	407	377	343	306	252	182	4534	228	
po-ss-30-34/6.2	45**	60**	95	489	451	419	388	354	315	260	188	4620	230	
po-ss-30-35/6.2	45**	60**	95	504	464	431	400	364	324	268	193	4705	232	

\* 4"-Motor

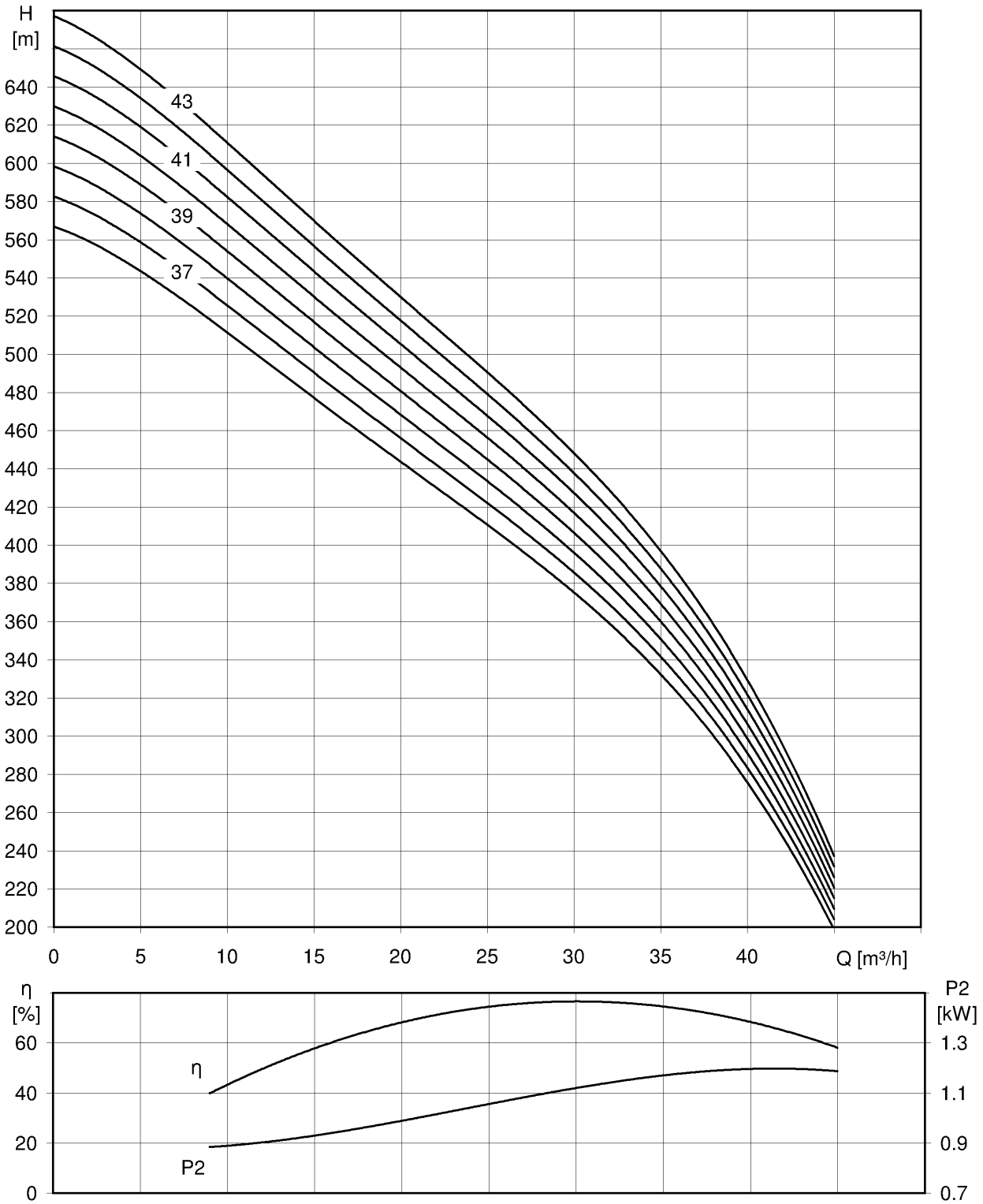
\*\* 8"-Motor

minimum efficiency index MEI ≥ 0.4

Subject to alterations



**po-ss-30/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-30/6.2**  
2850 1/min - 50 Hz

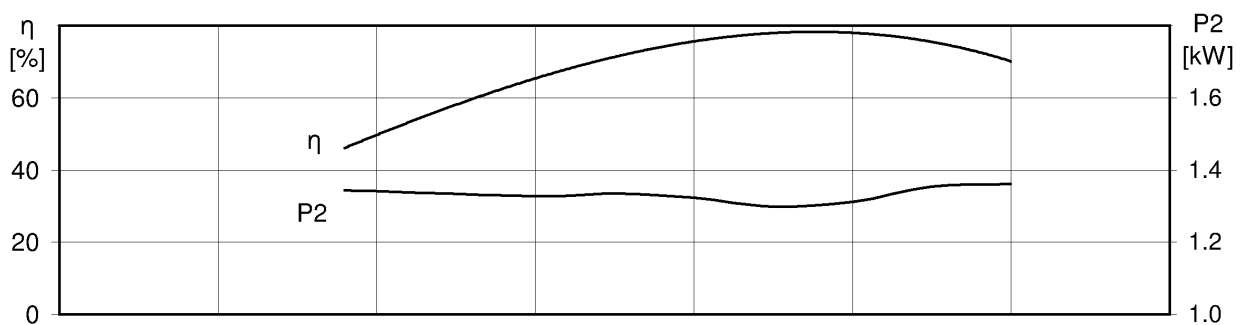
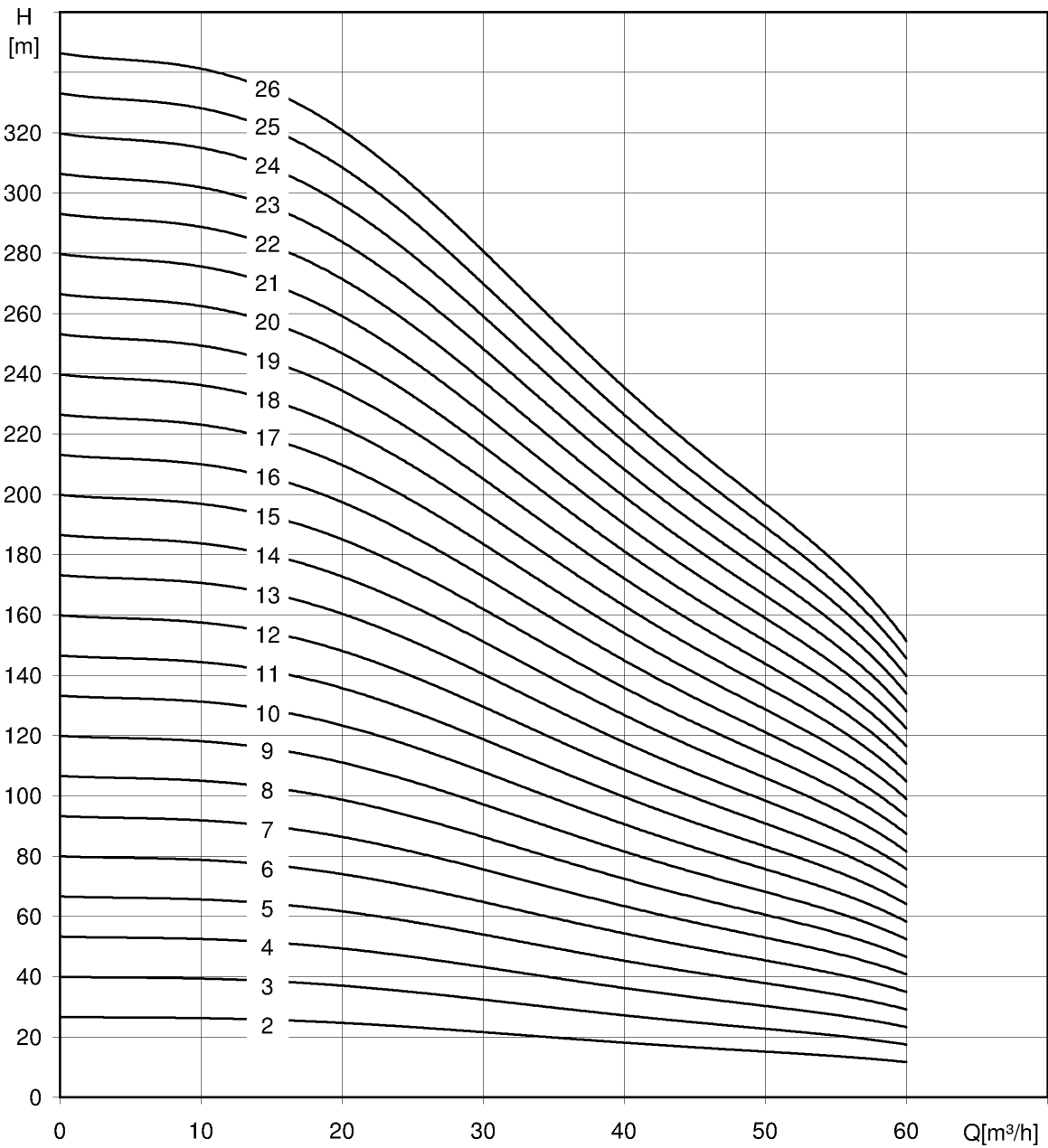
Type	Power		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
	[kW]	[HP]		[l/s]	2.5	4.2	5.6	6.9	8.3	9.7	11.1	12.5		
				[m³/h]	9	15	20	25	30	35	40	45		
<b>po-ss-30-36/6.2</b>	45**	60**	95	Delivery head H [m]	518	478	444	411	<b>374</b>	334	275	199	4790	234
<b>po-ss-30-37/6.2</b>	45**	60**	95		532	491	456	422	<b>385</b>	343	283	204	4876	236
<b>po-ss-30-38/6.2</b>	55**	75**	108		547	504	468	434	<b>395</b>	352	291	210	5041	253
<b>po-ss-30-39/6.2</b>	55**	75**	108		561	517	481	445	<b>406</b>	362	298	215	5126	255
<b>po-ss-30-40/6.2</b>	55**	75**	108		576	531	493	457	<b>416</b>	371	306	221	5212	257
<b>po-ss-30-41/6.2</b>	55**	75**	108		590	544	505	468	<b>426</b>	380	314	226	5297	260
<b>po-ss-30-42/6.2</b>	55**	75**	108		604	557	518	480	<b>437</b>	389	321	232	5383	262
<b>po-ss-30-43/6.2</b>	55**	75**	108		619	570	530	491	<b>447</b>	399	329	237	5468	264

\*\* 8"-Motor

minimum efficiency index MEI ≥ 0.4

Subject to alterations

**po-ss-45/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-45/6.2**  
2850 1/min - 50 Hz

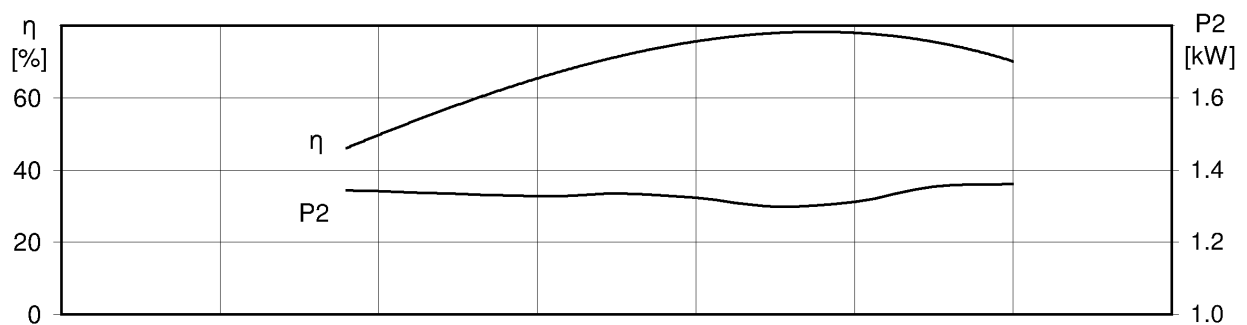
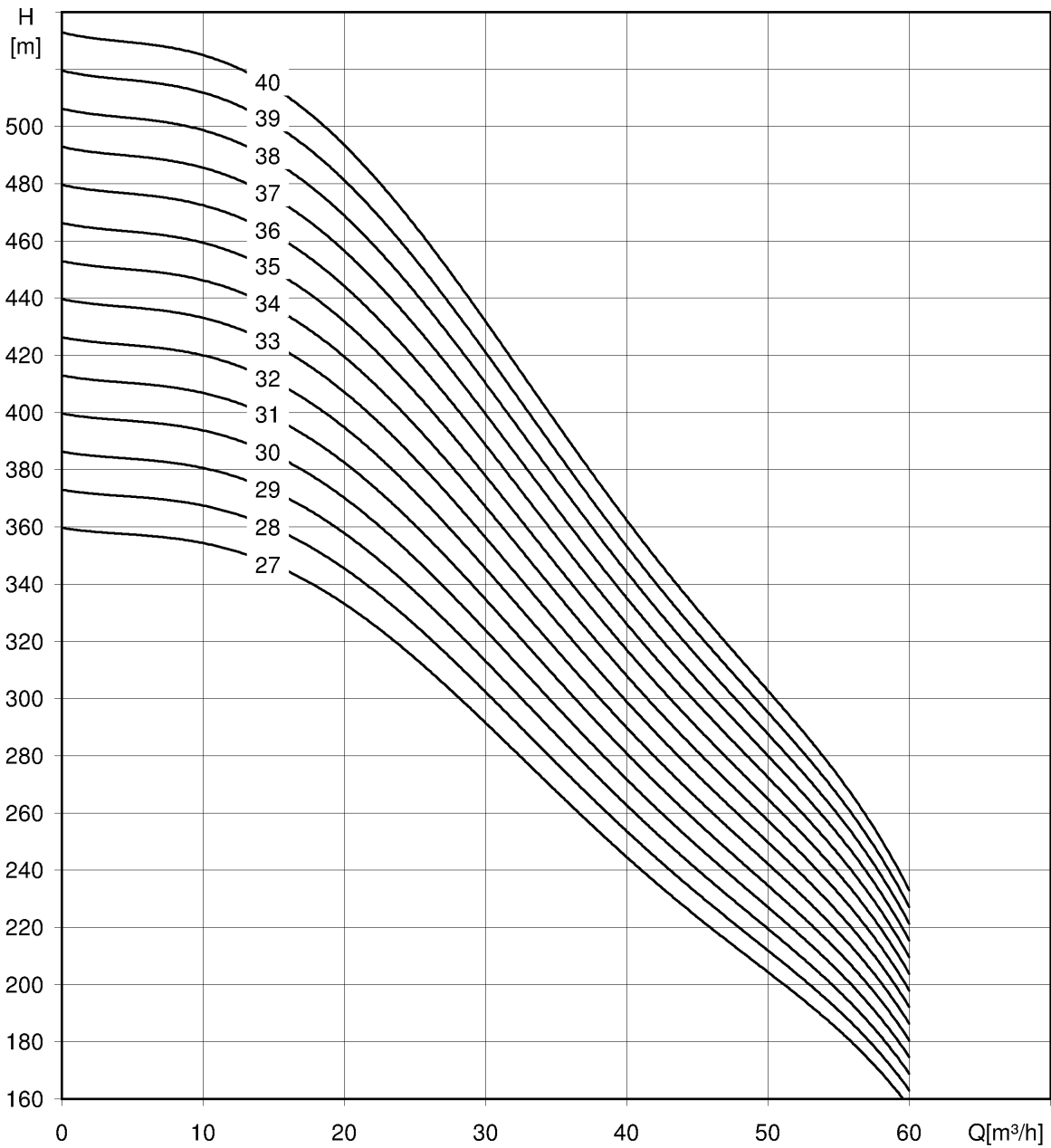
Type	Power		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
	[kW]	[HP]		[l/s]	5.0	8.3	9.7	11.1	12.5	13.9	15.3	16.7		
				[m³/h]	18	30	35	40	45	50	55	60		
po-ss-45- 2/6.2	3*	4*	8.3	Delivery head H [m]	25	21	20	18	17	15	14	12	1136	33
po-ss-45- 3/6.2	5.5*	7.5*	14		38	32	30	27	25	23	20	17	1390	43
po-ss-45- 4/6.2	7.5	10	17		50	43	40	36	33	30	27	23	1549	67
po-ss-45- 5/6.2	7.5	10	17		63	54	50	46	41	38	34	29	1663	69
po-ss-45- 6/6.2	9.2	12.5	21		76	64	60	55	50	45	41	35	1816	76
po-ss-45- 7/6.2	11	15	24		88	75	70	64	58	53	48	41	2015	87
po-ss-45- 8/6.2	13	17.5	29		101	86	80	73	66	60	55	47	2164	93
po-ss-45- 9/6.2	13	17.5	29		113	96	89	82	74	68	61	52	2278	96
po-ss-45-10/6.2	15	20	32		126	107	99	91	83	76	68	58	2442	103
po-ss-45-11/6.2	18.5	25	40		139	118	109	100	91	83	75	64	2621	113
po-ss-45-12/6.2	18.5	25	40		151	129	119	109	99	91	82	70	2735	116
po-ss-45-13/6.2	18.5	25	40		164	139	129	118	107	98	89	76	2849	118
po-ss-45-14/6.2	22	30	48		177	150	139	128	116	106	96	82	3038	128
po-ss-45-15/6.2	22	30	48		189	161	149	137	124	113	102	87	3152	130
po-ss-45-16/6.2	26	35	57		202	172	159	146	132	121	109	93	3335	139
po-ss-45-17/6.2	26	35	57		214	182	169	155	140	128	116	99	3449	142
po-ss-45-18/6.2	26	35	57		227	193	179	164	149	136	123	105	3563	144
po-ss-45-19/6.2	30	40	64		240	204	189	173	157	144	130	111	3787	155
po-ss-45-20/6.2	30	40	64		252	214	199	182	165	151	136	117	3901	157
po-ss-45-21/6.2	30	40	64		265	225	209	191	173	159	143	122	4014	160
po-ss-45-22/6.2	34	45	71		277	236	219	200	182	166	150	128	4178	167
po-ss-45-23/6.2	34	45	71		290	247	229	210	190	174	157	134	4292	169
po-ss-45-24/6.2	34	45	71		303	257	239	219	198	181	164	140	4406	172
po-ss-45-25/6.2	37	50	78		315	268	248	228	207	189	171	146	4600	180
po-ss-45-26/6.2	37	50	78		328	279	258	237	215	196	177	151	4713	182

\* 4"-Motor

minimum efficiency index MEI ≥ 0.4

Subject to alterations

**po-ss-45/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-45/6.2**  
2850 1/min - 50 Hz

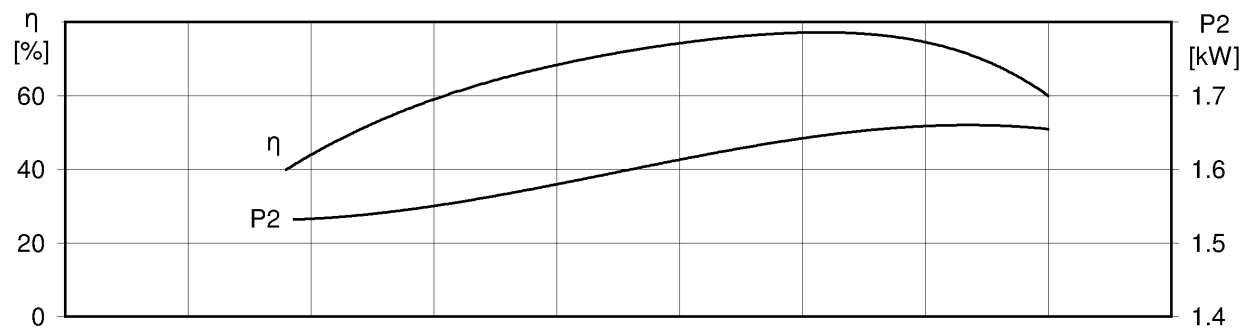
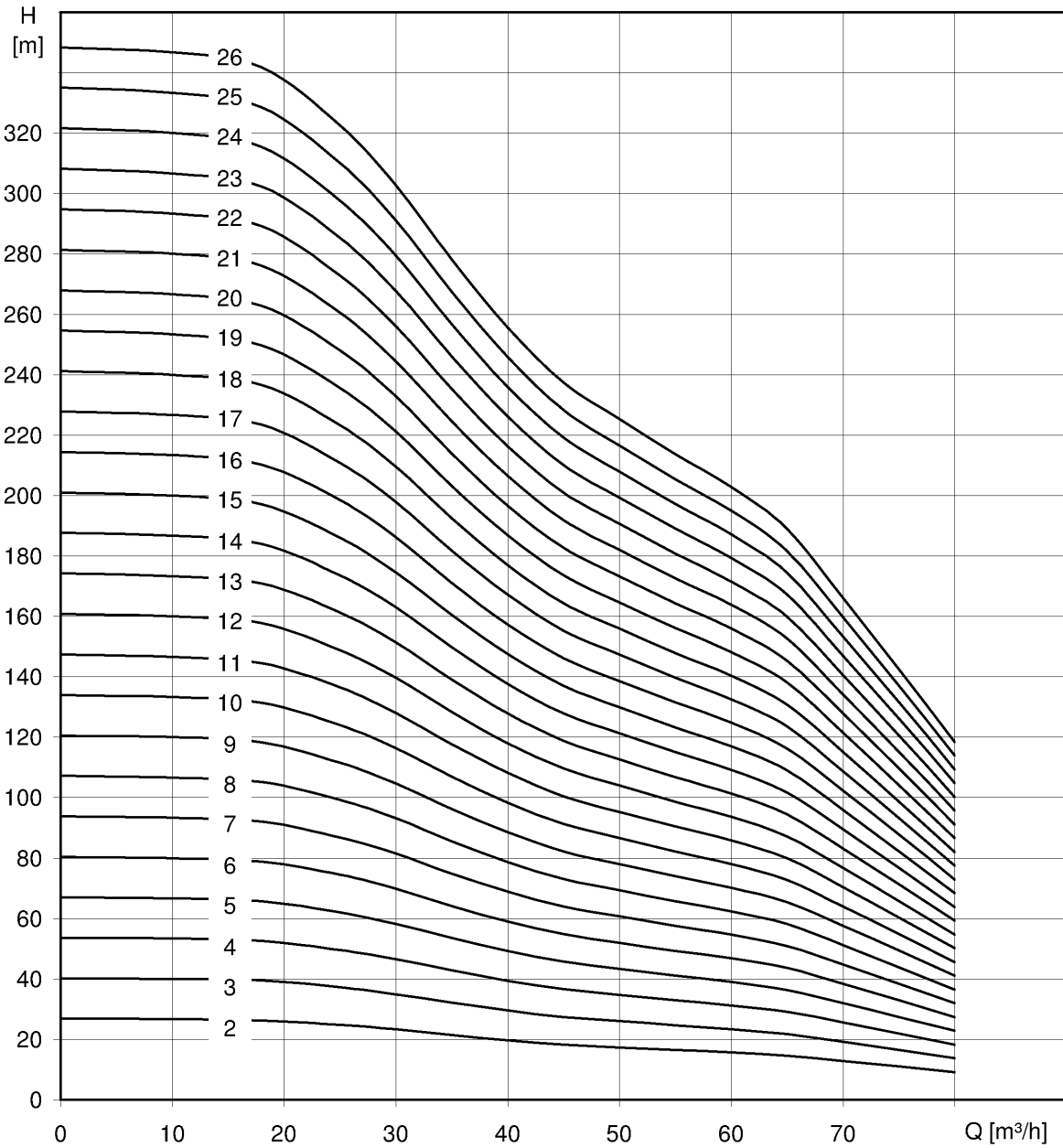
Type	Power		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
	[kW]	[HP]		[l/s]	5.0	8.3	9.7	11.1	12.5	13.9	15.3	16.7		
				[m³/h]	18	30	35	40	45	50	55	60		
po-ss-45-27/6.2	37	50	78	Delivery head H [m]	340	289	268	246	223	204	184	157	4827	185
po-ss-45-28/6.2	45**	60**	95		353	300	278	255	231	212	191	163	4804	231
po-ss-45-29/6.2	45**	60**	95		366	311	288	264	240	219	198	169	5018	234
po-ss-45-30/6.2	45**	60**	95		378	322	298	273	248	227	205	175	5132	237
po-ss-45-31/6.2	45**	60**	95		391	332	308	282	256	234	211	181	5246	239
po-ss-45-32/6.2	45**	60**	95		403	343	318	291	264	242	218	186	5359	242
po-ss-45-33/6.2	45**	60**	95		416	354	328	301	273	249	225	192	5473	244
po-ss-45-34/6.2	55**	75**	108		429	365	338	310	281	257	232	198	5667	262
po-ss-45-35/6.2	55**	75**	108		441	375	348	319	289	264	239	204	5781	265
po-ss-45-36/6.2	55**	75**	108		454	386	358	328	297	272	246	210	5895	267
po-ss-45-37/6.2	55**	75**	108		467	397	368	337	306	280	252	216	6009	270
po-ss-45-38/6.2	55**	75**	108		479	407	378	346	314	287	259	221	6123	272
po-ss-45-39/6.2	55**	75**	108		492	418	388	355	322	295	266	227	6237	275
po-ss-45-40/6.2	55**	75**	108		504	429	398	364	330	302	273	233	6351	278

\*\* 8"-Motor

minimum efficiency index MEI ≥ 0.4

Subject to alterations

**po-ss-60/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-60/6.2**  
2850 1/min - 50 Hz

Type	Power		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
	[kW]	[HP]		[l/s]	5.0	9.7	11.1	13.9	16.7	18.1	19.4	22.2		
				[m³/h]	18	35	40	50	60	65	70	80		
po-ss-60- 2/6.2	4*	5.5*	10	Delivery head H [m]	26	21	20	17	16	15	13	9	1206	37
po-ss-60- 3/6.2	5.5*	7.5*	14		39	32	30	26	23	22	19	14	1390	43
po-ss-60- 4/6.2	7.5	10	17		53	43	39	35	31	29	26	18	1549	67
po-ss-60- 5/6.2	9.2	12.5	21		66	53	49	43	39	36	32	23	1703	73
po-ss-60- 6/6.2	11	15	24		79	64	59	52	47	44	38	27	1901	84
po-ss-60- 7/6.2	13	17.5	29		92	75	69	61	55	51	45	32	2050	91
po-ss-60- 8/6.2	15	20	32		105	86	79	69	62	58	51	36	2214	98
po-ss-60- 9/6.2	15	20	32		118	96	89	78	70	65	58	41	2328	101
po-ss-60-10/6.2	18.5	25	40		131	107	98	87	78	73	64	46	2507	111
po-ss-60-11/6.2	18.5	25	40		145	118	108	95	86	80	70	50	2621	113
po-ss-60-12/6.2	22	30	48		158	128	118	104	94	87	77	55	2810	123
po-ss-60-13/6.2	22	30	48		171	139	128	113	101	94	83	59	2924	125
po-ss-60-14/6.2	26	35	57		184	150	138	121	109	102	89	64	3108	134
po-ss-60-15/6.2	26	35	57		197	160	148	130	117	109	96	68	3222	137
po-ss-60-16/6.2	30	40	64		210	171	157	139	125	116	102	73	3445	147
po-ss-60-17/6.2	30	40	64		223	182	167	147	133	124	109	77	3559	150
po-ss-60-18/6.2	34	45	71		237	193	177	156	140	131	115	82	3723	156
po-ss-60-19/6.2	34	45	71		250	203	187	165	148	138	121	87	3837	159
po-ss-60-20/6.2	34	45	71		263	214	197	173	156	145	128	91	3951	162
po-ss-60-21/6.2	37	50	78		276	225	207	182	164	153	134	96	4144	169
po-ss-60-22/6.2	45**	60**	95		289	235	216	191	172	160	141	100	4221	216
po-ss-60-23/6.2	45**	60**	95		302	246	226	199	179	167	147	105	4335	219
po-ss-60-24/6.2	45**	60**	95		315	257	236	208	187	174	153	109	4449	221
po-ss-60-25/6.2	45**	60**	95		329	267	246	217	195	182	160	114	4563	224
po-ss-60-26/6.2	45**	60**	95		342	278	256	225	203	189	166	118	4676	226

\* 4"-Motor

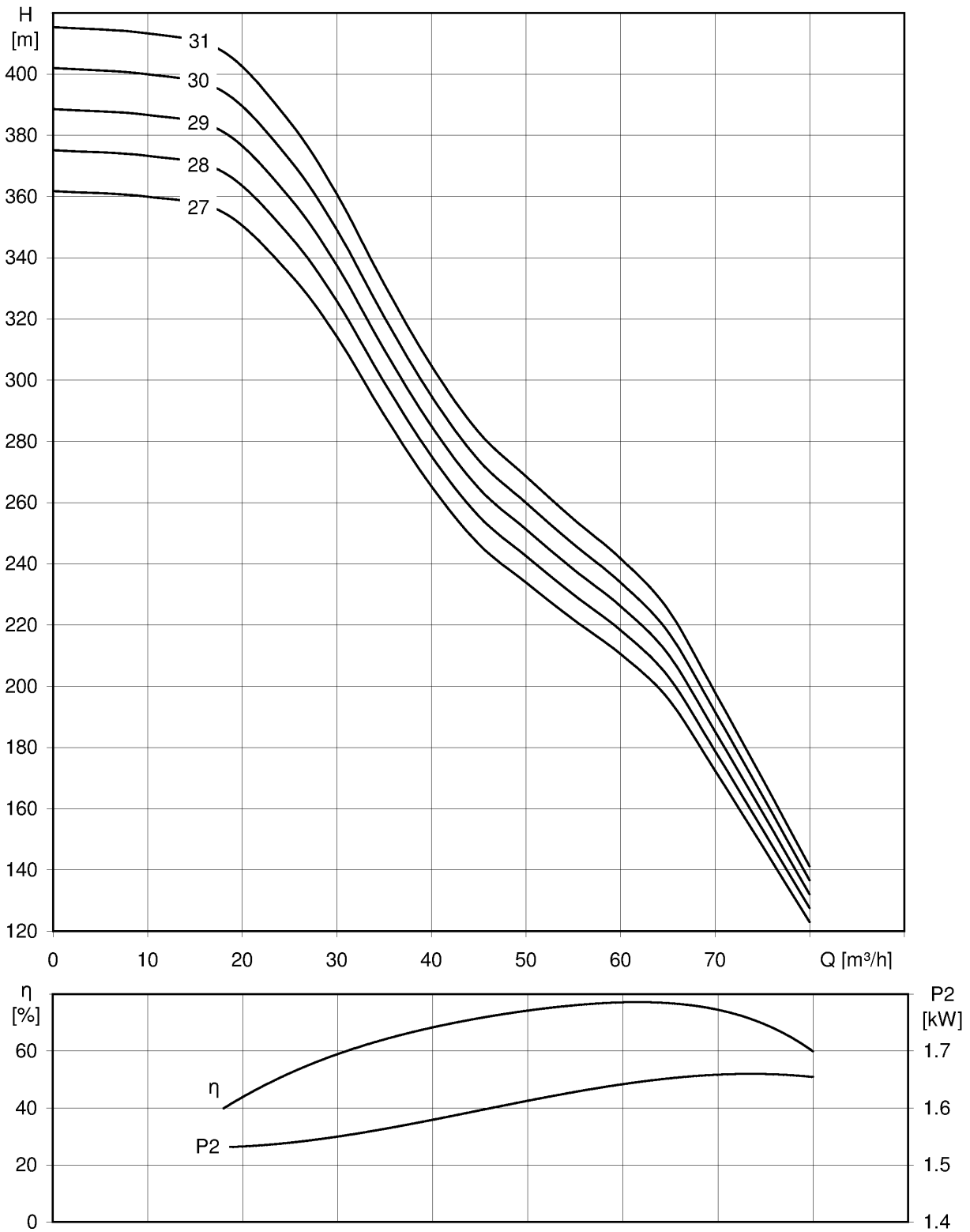
\*\* 8"-Motor

minimum efficiency index MEI ≥ 0.4

Subject to alterations



**po-ss-60/6.2**  
2850 1/min - 50 Hz



Subject to alterations

**po-ss-60/6.2**  
2850 1/min - 50 Hz

Type	Power [kW] [HP]		Amperes 400V [A]	Delivery rate Q									Length l [mm]	Weight m [kg]
				[l/s]	5.0	9.7	11.1	13.9	16.7	18.1	19.4	22.2		
				[m³/h]	18	35	40	50	60	65	70	80		
<b>po-ss-60-27/6.2</b>	55**	75**	108	Delivery head H [m]	355	289	266	234	<b>211</b>	196	173	123	4870	244
<b>po-ss-60-28/6.2</b>	55**	75**	108		368	299	275	243	<b>218</b>	203	179	128	4984	247
<b>po-ss-60-29/6.2</b>	55**	75**	108		381	310	285	251	<b>226</b>	211	185	132	5098	249
<b>po-ss-60-30/6.2</b>	55**	75**	108		394	321	295	260	<b>234</b>	218	192	137	5212	252
<b>po-ss-60-31/6.2</b>	55**	75**	108		407	332	305	269	<b>242</b>	225	198	141	5326	254

\*\* 8"-Motor

minimum efficiency index MEI  $\geq$  0.4

Subject to alterations