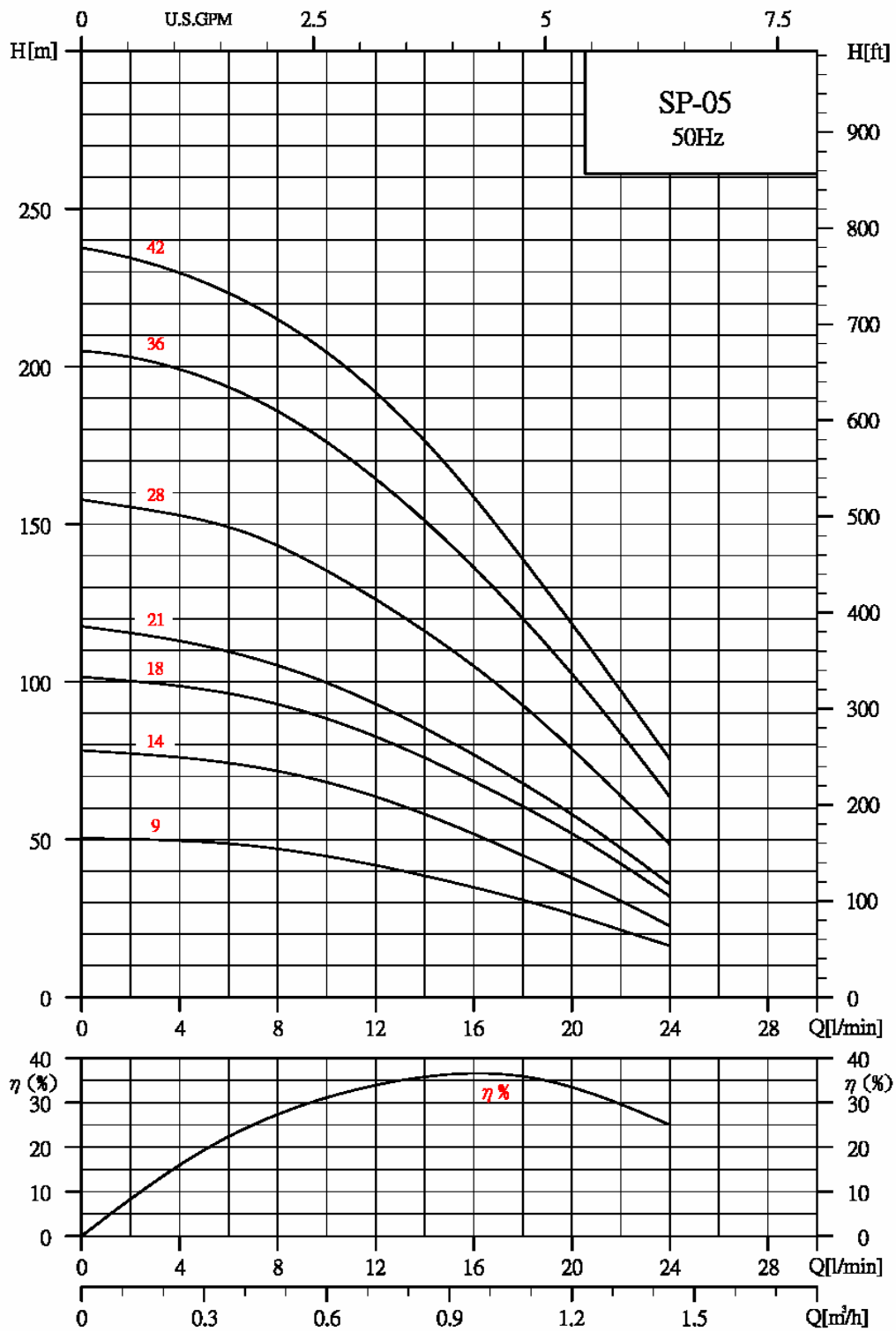




Performance Curves

SP-05



1	29/09/2005
No.	Date



SELECTION CHART

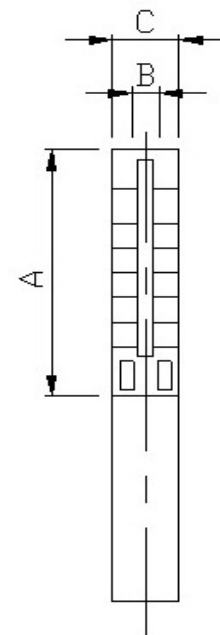
50 Hz

PUMP TYPE	STAGES	KW	HP	Q=DELIVERY																	PUMP	
				l/min	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	120	Length (mm)	Weight (kg)
				0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2		
H =TOTAL HEAD IN METERS																						
SP-0509	9	0.37	5.0	52	48	45	36	27	14											343	3.2	
SP-0514	14	0.37	5.0	82	76	70	56	41	21											448	4.2	
SP-0518	18	0.55	0.75	104	99	88	72	52	27											542	5.0	
SP-0521	21	0.55	0.75	121	112	101	81	58	36											595	5.6	
SP-0528	28	0.75	1.0	162	153	138	111	73	42											742	7.0	
SP-0536	36	1.1	1.5	207	195	171	139	93	50											945	9.1	
SP-0542	42	1.1	1.5	243	230	202	160	112	62											1071	10.4	

DIMENSIONS AND WEIGHTS

PUMP TYPE	Dimension (mm)			Net Weight (Kg)
	A	B	C	Pump
SP-0509	356	RP/NPT 1 1/4"	98	2.9
SP-0514	461		98	3.7
SP-0518	545		98	4.4
SP-0521	608		98	5.0
SP-0528	755		98	6.2
SP-0536	946		98	9.9
SP-0542	1072		98	11.3

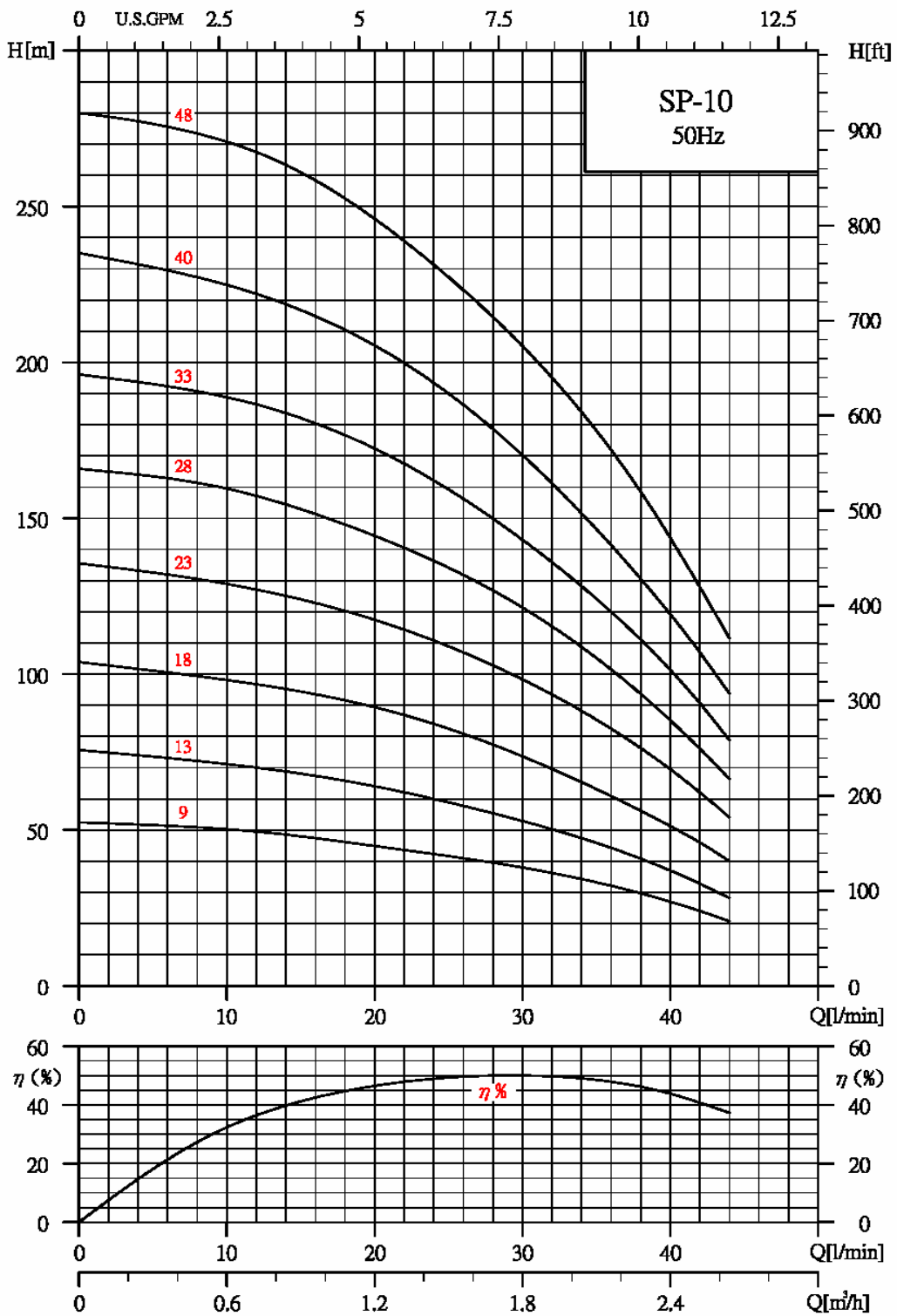
C = Maximum diameter of pump inclusive of cable guard and motor





Performance Curves

SP-10



1	29/09/2005
No.	Date



SELECTION CHART

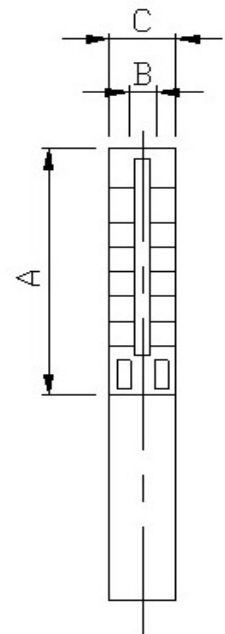
50 Hz

PUMP TYPE	STAGES	KW	HP	Q=DELIVERY																PUMP	
				l/min	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	Length (mm)	Weight (kg)
				0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0		
H=TOTAL HEAD IN METERS																					
SP-1009	9	0.37	0.5	53			50	47	42	38	33	26							343	3.1	
SP-1013	13	0.55	0.75	77			71	68	61	56	48	38							427	4.0	
SP-1018	18	0.75	1.0	106			98	92	84	77	66	51							532	4.9	
SP-1023	23	1.1	1.5	136			124	118	108	98	84	67							637	6.0	
SP-1028	28	1.5	2.0	166			155	146	134	120	103	82							742	6.8	
SP-1033	33	1.5	2.0	195			181	171	157	141	120	97							847	7.6	
SP-1040	40	2.2	3.0	236			218	205	190	170	142	119							1029	9.8	
SP-1048	48	2.2	3.0	282			258	241	221	199	171	137							1197	11.1	

DIMENSIONS AND WEIGHTS

PUMP TYPE	Dimension (mm)			Net Weight (Kg)
	A	B	C	Pump
SP-1009	356	RP/NPT 1 1/4"	98	3.0
SP-1013	440		98	3.8
SP-1018	545		98	4.7
SP-1023	650		98	5.7
SP-1028	755		98	6.6
SP-1033	883		98	9.7
SP-1040	1030		98	11.5
SP-1048	1198		98	13.5

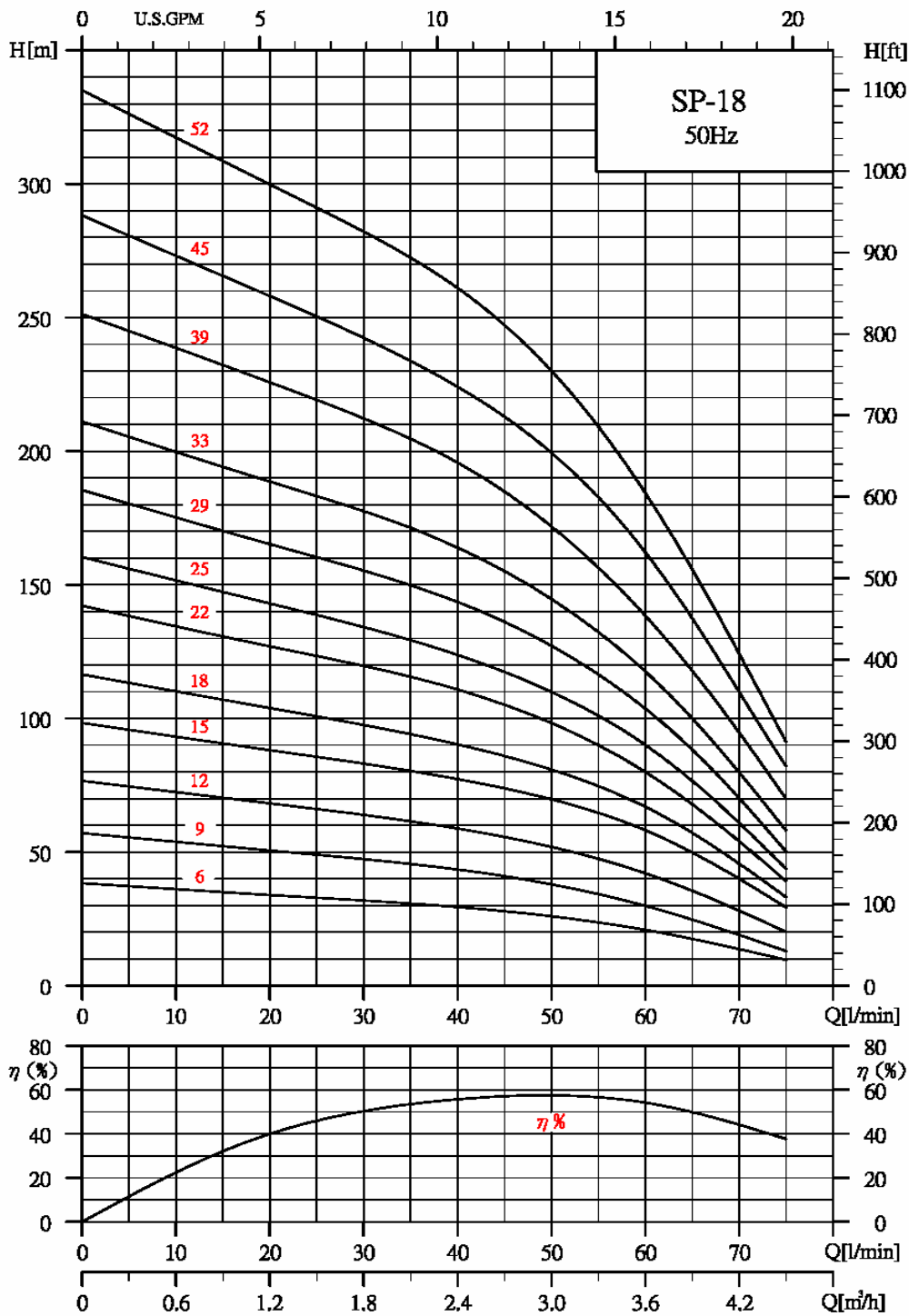
C = Maximum diameter of pump inclusive of cable guard and motor





Performance Curves

SP-18



1	29/09/2005
No.	Date



SELECTION CHART

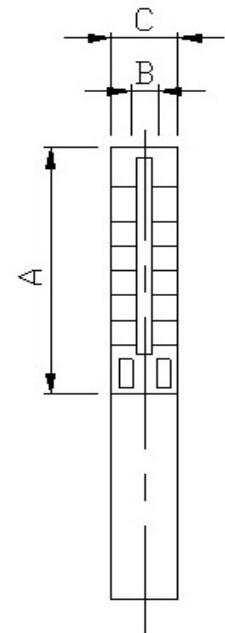
50 Hz

PUMP TYPE	STAGES	KW	HP	Q=DELIVERY																	PUMP	
				l/min	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	120	Length (mm)	Weight (kg)
				0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2		
H=TOTAL HEAD IN METERS																						
SP-1806	6	0.37	0.5	38					34	32	31	30	29	27	22	17					280	2.5
SP-1809	9	0.55	0.75	58					54	52	49	48	47	43	36	25					343	3.1
SP-1812	12	0.75	1.0	78					67	65	62	59	56	52	42	28					406	3.7
SP-1815	15	1.1	1.5	97					84	81	78	74	71	67	52	38					469	4.4
SP-1818	18	1.1	1.5	117					101	98	93	89	83	78	64	42					532	4.9
SP-1822	22	1.5	2.0	143					123	120	115	110	103	96	77	52					616	5.7
SP-1825	25	1.5	2.0	162					140	134	128	121	113	106	86	58					679	6.2
SP-1829	29	2.2	3.0	188					162	155	149	142	133	122	98	67					763	7.1
SP-1833	33	2.2	3.0	212					180	173	168	160	150	138	109	73					847	7.8
SP-1839	39	3.0	4.0	250					215	208	199	190	179	165	136	89					993	9.5
SP-1845	45	3.0	4.0	292					250	243	233	223	209	195	153	107					1134	10.5
SP-1852	52	4.0	5.5	335					285	276	265	252	239	222	180	123					1281	12.2

DIMENSIONS AND WEIGHTS

PUMP TYPE	Dimension (mm)			Net Weight (Kg)
	A	B	C	Pump
SP-1806	293	RP/NPT 1 1/4"	98	2.4
SP-1809	356		98	3.0
SP-1812	419		98	3.6
SP-1815	482		98	4.2
SP-1818	545		98	4.7
SP-1822	629		98	5.5
SP-1825	692		98	6.1
SP-1829	776		98	6.8
SP-1833	883		98	9.7
SP-1839	1009		98	11.2
SP-1845	1135		98	12.7
SP-1852	1282		98	14.5

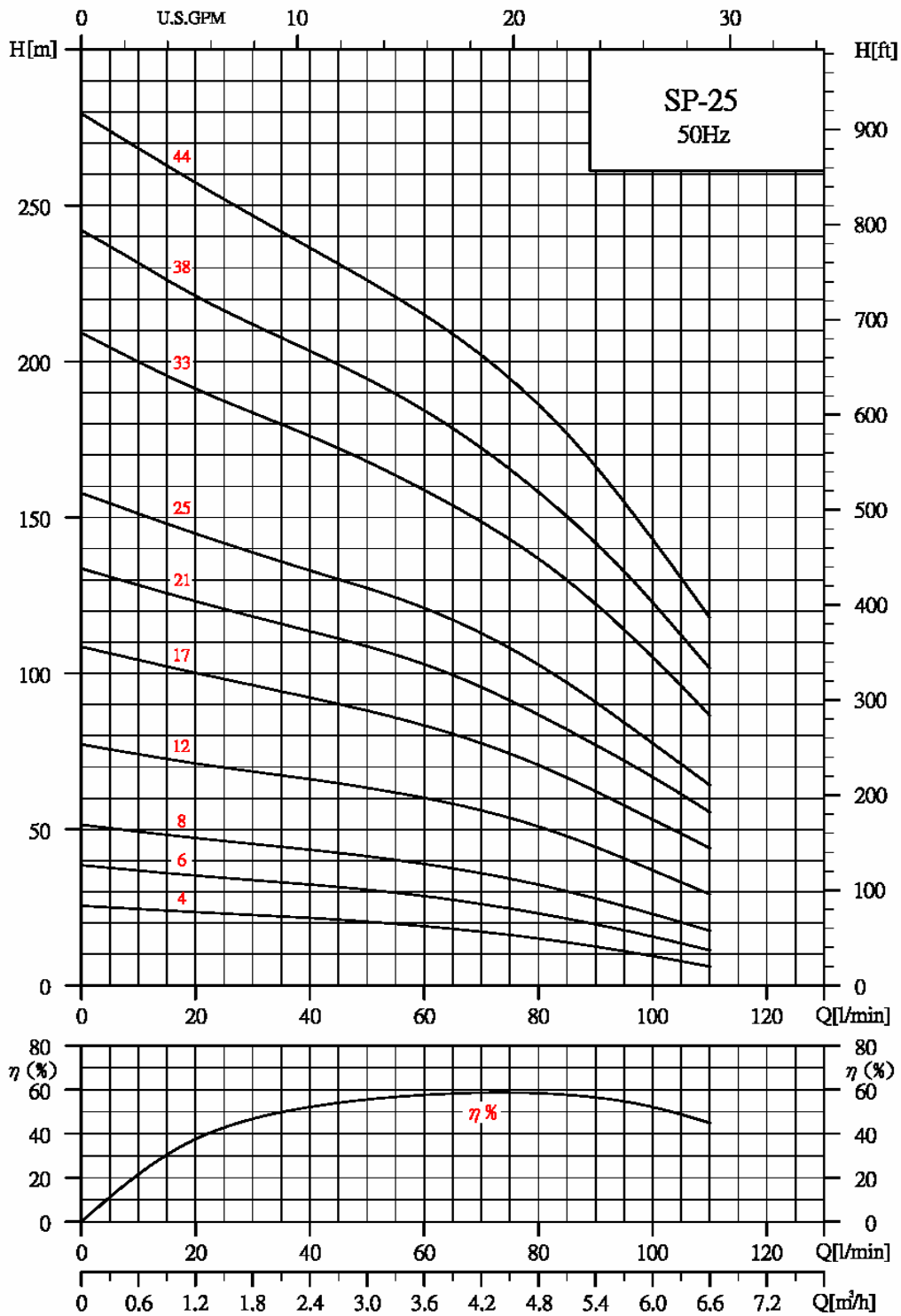
C = Maximum diameter of pump inclusive of cable guard and motor





Performance Curves

SP-25



1	29/09/2005
No.	Date



SELECTION CHART

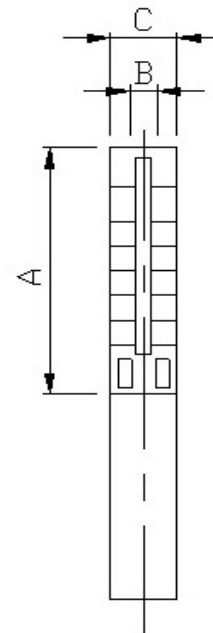
50 Hz

PUMP TYPE	STAGES	KW	HP	Q=DELIVERY																	PUMP		
				l/min	0	15	20	25	30	35	40	45	50	60	70	80	90	100	120	140	160	Length (mm)	Weight (kg)
				m ³ /h	0	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6		
H=TOTAL HEAD IN METERS																							
SP-2504	4	0.37	0.5	25				22	21	20	20	19	18	17	16	14	12				238	2.3	
SP-2506	6	0.55	0.75	38				34	33	32	31	30	28	26	24	21	17				280	2.8	
SP-2508	8	0.75	1.0	57				44	43	42	41	40	38	35	32	28	22				322	3.0	
SP-2512	12	1.1	1.5	75				68	66	65	64	63	58	53	49	42	36				406	3.6	
SP-2517	17	1.5	2.0	106				95	92	90	87	85	79	73	67	58	50				511	4.6	
SP-2521	21	2.2	3.0	131				117	114	110	107	103	98	90	82	72	62				595	5.5	
SP-2525	25	2.2	3.0	156				140	136	131	129	127	118	110	100	90	74				679	6.2	
SP-2533	33	3.0	4.0	206				182	178	173	170	165	155	142	130	115	98				847	7.6	
SP-2538	38	4.0	5.5	237				210	205	199	195	190	178	165	151	135	113				993	9.4	
SP-2544	44	4.0	5.5	275				244	239	232	226	221	208	191	174	155	130				1098	10.3	

DIMENSIONS AND WEIGHTS

PUMP TYPE	Dimension (mm)			Net Weight (Kg) Pump
	A	B	C	
SP-2504	251	RP/NPT 1 1/2"	98	2.0
SP-2506	293		98	2.4
SP-2508	335		98	2.8
SP-2512	419		98	3.6
SP-2517	524		98	4.5
SP-2521	608		98	5.3
SP-2525	692		98	6.0
SP-2533	868		98	9.6
SP-2538	973		98	10.9
SP-2544	1099		98	12.4

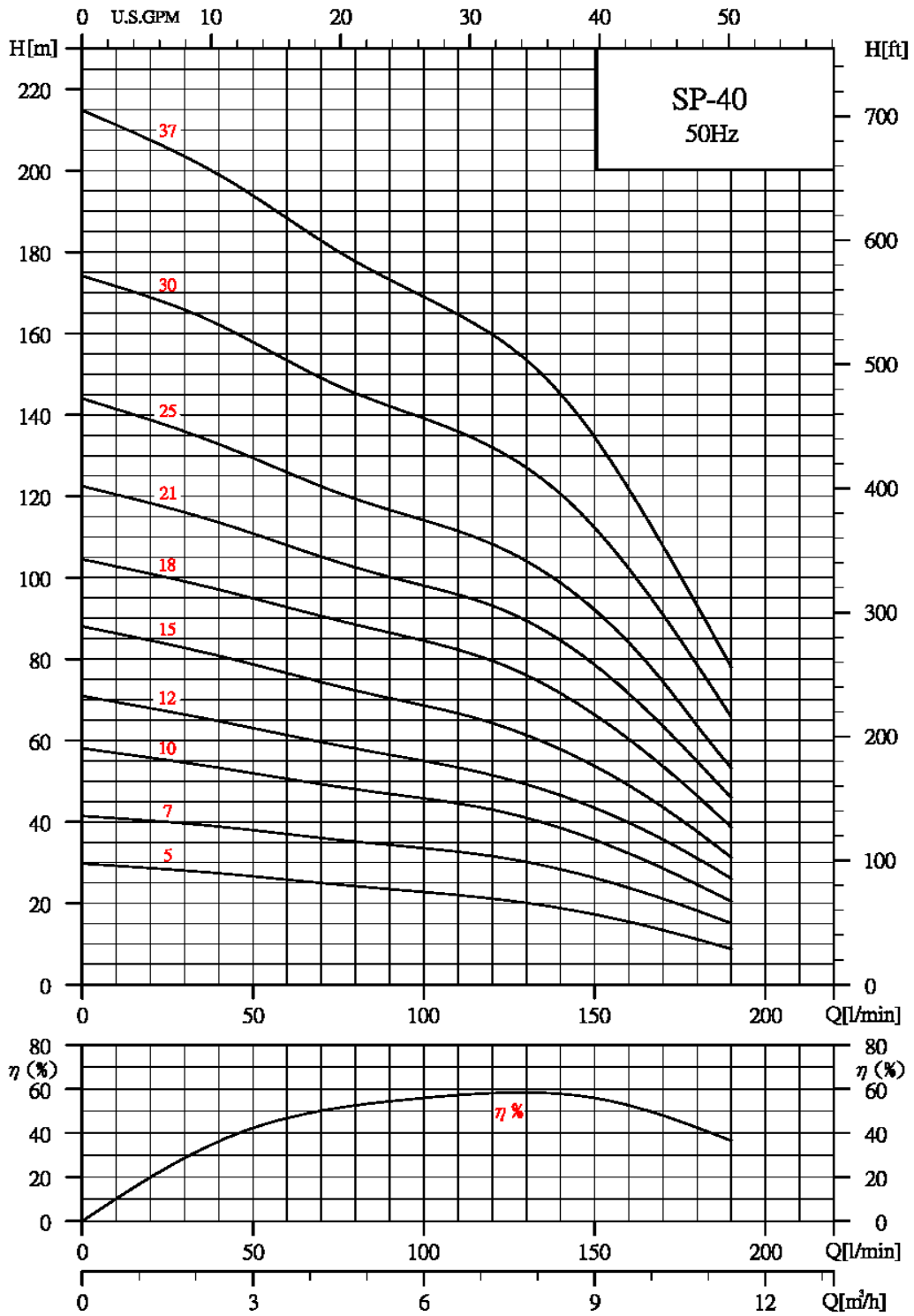
C = Maximum diameter of pump inclusive of cable guard and motor





Performance Curves

SP-40



1	29/09/2005
No.	Date



SELECTION CHART

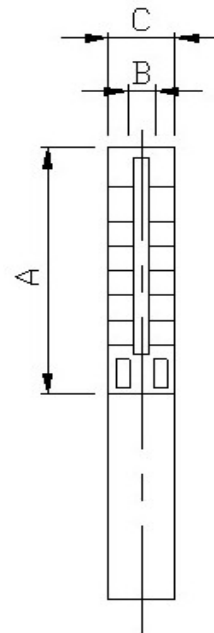
50 Hz

PUMP TYPE	STAGES	KW	HP	Q=DELIVERY																		PUMP		
				l/min	0	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	250	300	Length (mm)	Weight (kg)
				m ³ /h	0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	15	18		
				H=TOTAL HEAD IN METERS																				
SP-4005	5	0.75	1.0	30			26	26	25	25	24	24	23	23	22	19	15	10				407	4.3	
SP-4007	7	1.1	1.5	41			36	35	34	34	33	33	32	32	29	25	20	15				491	5.3	
SP-4010	10	1.5	2.0	58			52	52	51	51	50	50	49	49	46	40	34	27				617	6.8	
SP-4012	12	2.2	3.0	69			63	62	61	60	60	59	58	57	52	49	41	32				701	7.8	
SP-4015	15	2.2	3.0	86			79	78	77	76	75	73	72	70	66	60	50	40				827	9.2	
SP-4018	18	3.0	4.0	103			91	90	89	88	87	85	83	81	77	70	60	48				953	10.5	
SP-4021	21	4.0	5.5	121			111	110	108	106	104	102	100	98	91	82	71	54				1079	12.4	
SP-4025	25	4.0	5.5	144			131	130	128	126	122	119	116	113	107	97	81	61				1247	15.5	
SP-4030	30	5.5	7.5	173			155	153	151	149	147	143	139	136	127	114	97	74				1457	17.2	
SP-4037	37	5.5	7.5	213			192	190	188	184	180	175	170	165	154	139	118	92				1751	26.2	

DIMENSIONS AND WEIGHTS

PUMP TYPE	Dimension (mm)			Net Weight (Kg)
	A	B	C	Pump
SP-4005	412	RP/NPT 2"	98	4.3
SP-4007	496		98	5.3
SP-4010	622		98	6.8
SP-4012	706		98	7.8
SP-4015	832		98	9.3
SP-4018	958		98	10.8
SP-4021	1084		98	12.3
SP-4025	1252		98	14.3
SP-4030	1462		98	16.8
SP-4037	1753		98	20.3

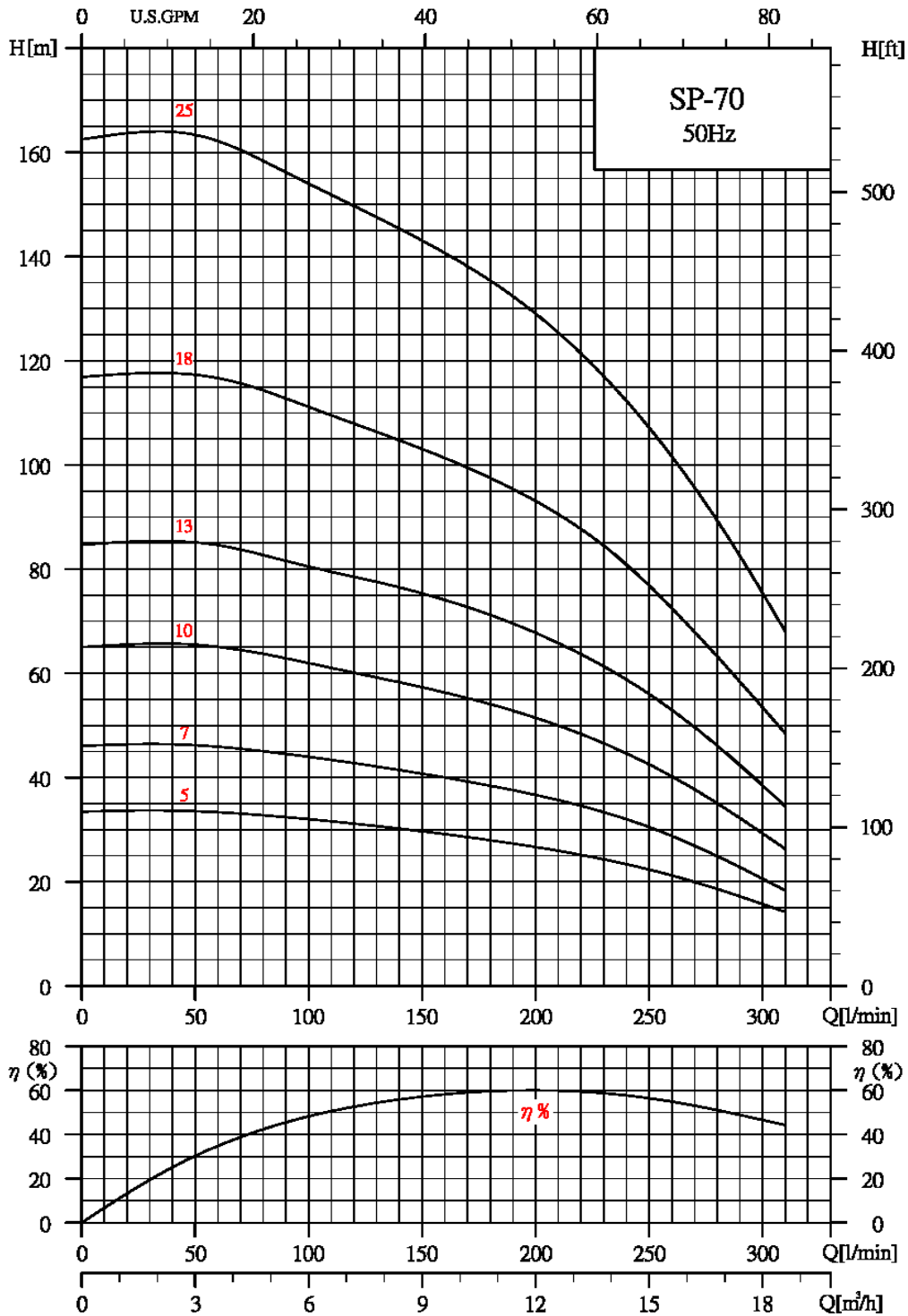
C = Maximum diameter of pump inclusive of cable guard and motor





Performance Curves

SP-70



1	29/09/2005
No.	Date



SELECTION CHART

50 Hz

PUMP TYPE	STAGES	KW	HP	Q=DELIVERY																PUMP	
				l/min	70	80	90	100	120	140	160	180	200	250	300	320	340	360	380	Length (mm)	Weight (kg)
				0	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	15	18	19	20	22	23		
H=TOTAL HEAD IN METERS																					
SP-7005	5	1.5	2.0	32				29	28	27	26	25	23	19	13					506	5.3
SP-7007	7	2.2	3.0	45				40	39	37	36	35	32	26	18					636	6.6
SP-7010	10	3.0	4.0	65				58	56	54	52	50	46	38	26					831	8.7
SP-7013	13	4.0	5.5	85				75	72	70	67	65	60	49	34					1026	10.7
SP-7018	18	5.5	7.5	117				104	100	97	93	90	83	68	46					1351	14.1
SP-7025	25	7.5	10	163				145	140	135	130	125	115	95	65					1806	18.9

DIMENSIONS AND WEIGHTS

PUMP TYPE	Dimension (mm)			Net Weight (Kg)
	A	B	C	Pump
SP-7005	505	RP/NPT 2"	98	5.0
SP-7007	635		98	6.3
SP-7010	830		98	8.2
SP-7013	1025		98	10.2
SP-7018	1350		98	13.4
SP-7025	1805		98	17.8

C = Maximum diameter of pump inclusive of cable guard and motor

