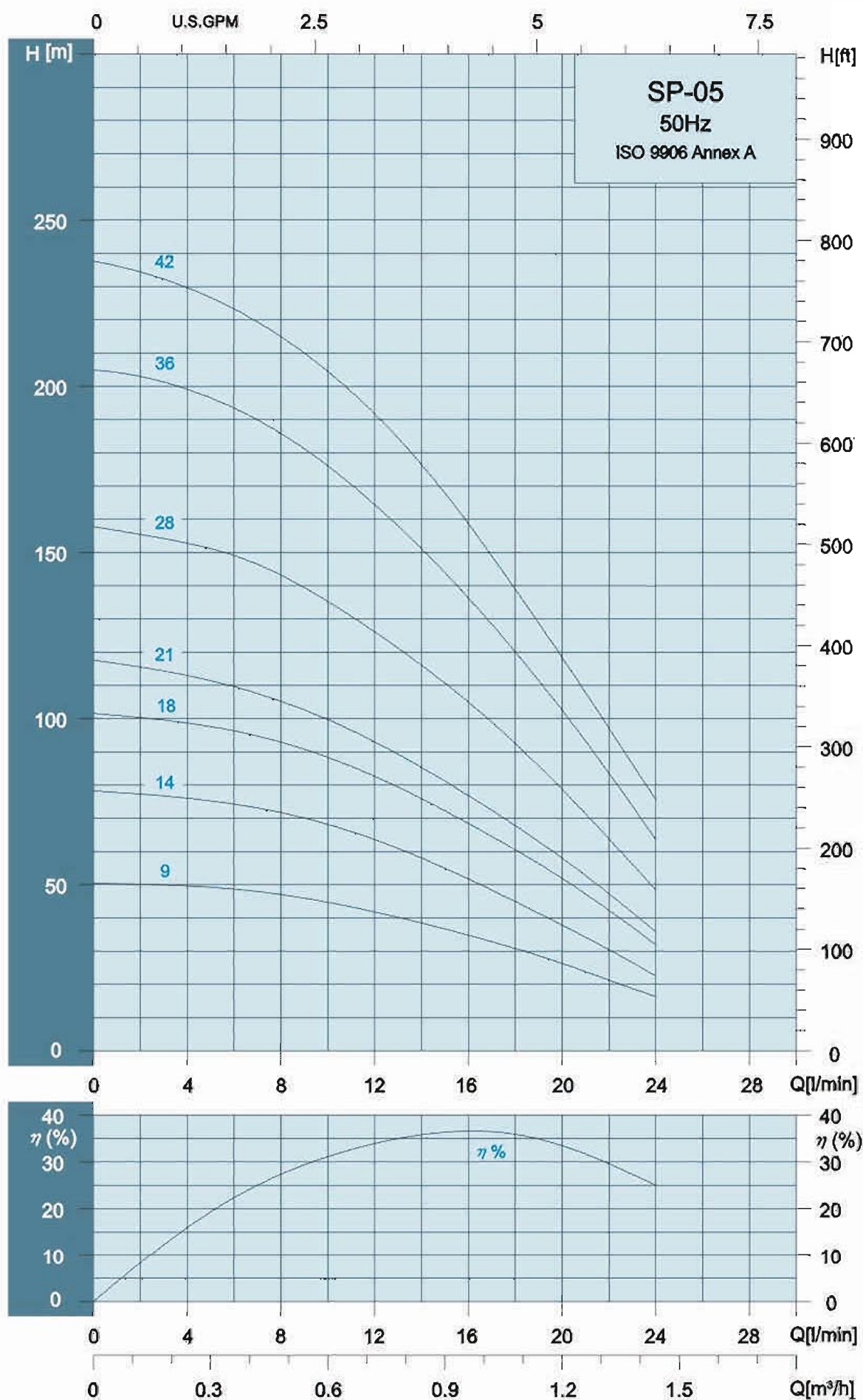


Stairs SP Series



SP 4"

SP05 Performance Curves

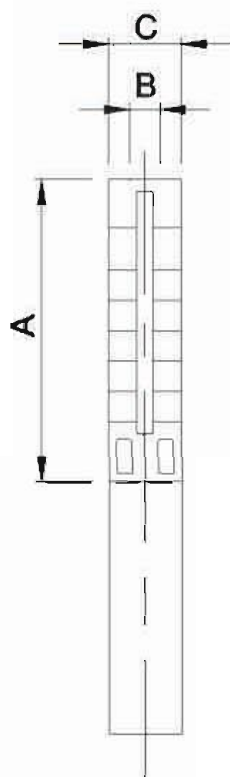


Selection Chart

Pump Type	STAGES	KW	HP	Q capacity 2900 rpm																	
				l/min	0	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	120
				m³/h	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	0.5	52	48	45	36	27	14												
SP-0514	14	0.37	0.5	79	76	68	56	38	21												
SP-0518	18	0.55	0.75	102	96	88	72	52	27												
SP-0521	21	0.55	0.75	118	112	100	81	58	30												
SP-0528	28	0.75	1.0	158	153	138	111	78	42												
SP-0536	36	1.1	1.5	205	195	175	134	103	54												
SP-0542	42	1.1	1.5	238	235	203	167	118	67												

*Higher pressure, longer stages pumps up to 57 stages are available on request.

Dimensions And Weights



Pump Type	Dimensions(mm)			Net Weight(Kg)
	A	B	C	
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

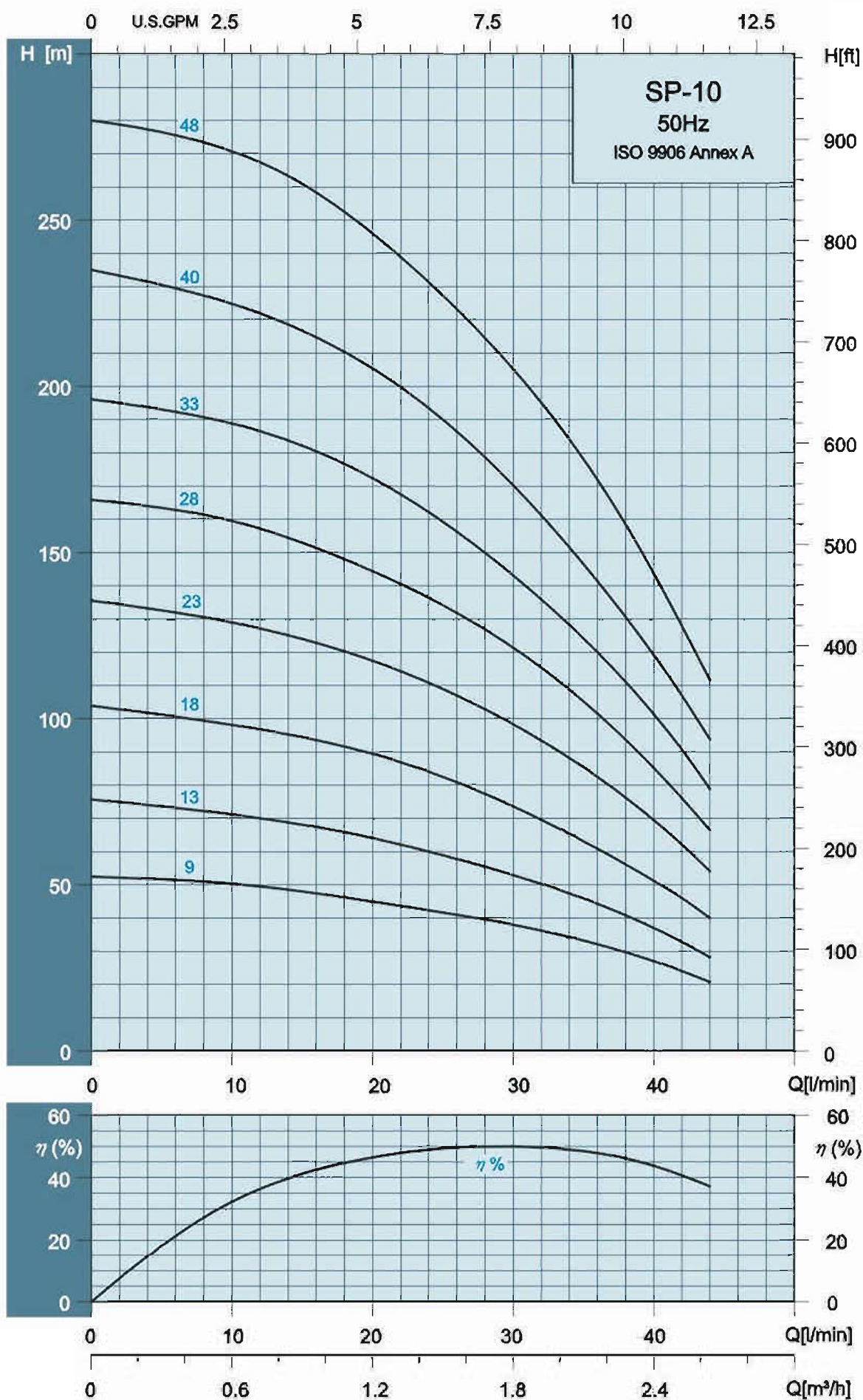
C = Maximum diameter of pump inclusive of cable guard and motor

Stairs SP Series



SP 4"

SP10 Performance Curves

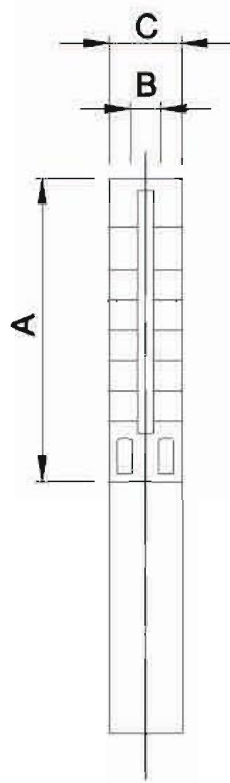


Selection Chart

Pump Type	STAGES	KW	HP	Q capacity 2900 rpm																
				l/min	0	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100
				m³/h	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			48	45	42	38	33	26								
SP-1013	13	0.55	0.75	77			68	64	58	54	46	38								
SP-1018	18	0.75	1.0	104			94	89	83	74	64	51								
SP-1023	23	1.1	1.5	136			124	118	108	98	84	69								
SP-1028	28	1.5	2.0	166			154	145	134	122	105	86								
SP-1033	33	1.5	2.0	195			183	173	159	143	124	102								
SP-1040	40	2.2	3.0	235			218	205	190	170	147	119								
SP-1048	48	2.2	3.0	280			261	246	228	204	178	143								

*Higher pressure, longer stages pumps up to 90 stages are available on request.

Dimensions And Weights



Pump Type	Dimensions(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

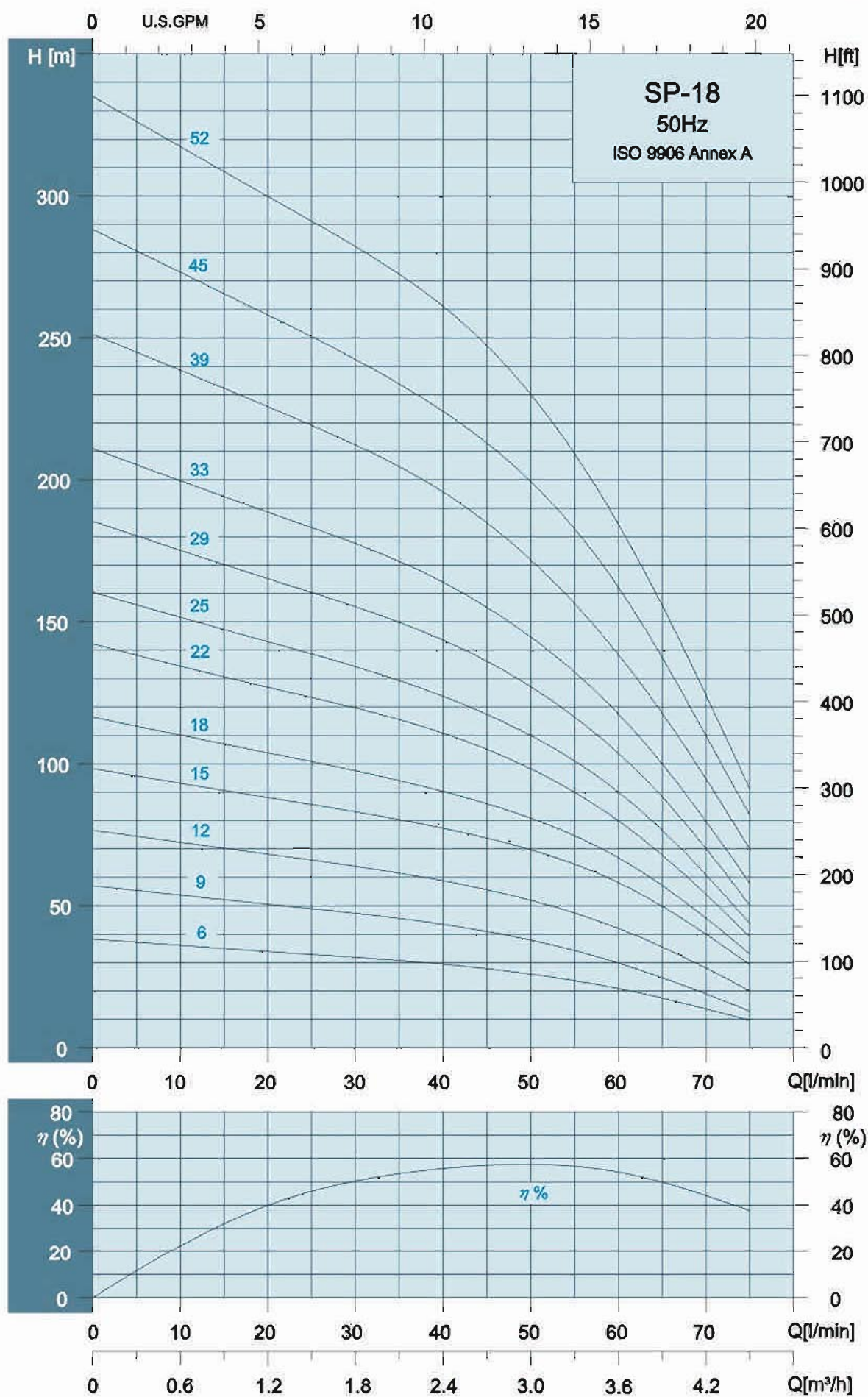
C = Maximum diameter of pump inclusive of cable guard and motor

Stairs SP Series



SP 4"

SP18 Performance Curves

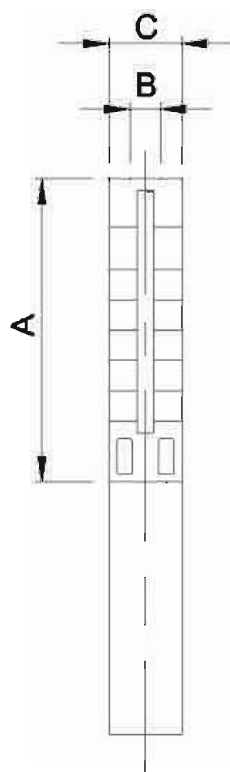


Selection Chart

Pump Type	STAGES	KW	HP	Q capacity 2900 rpm																	
				l/min	0	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	120
				m³/h	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					33	32	31	30	28	26	22	14					
SP-1809	9	0.55	0.75	57					49	47	46	44	41	38	30	19					
SP-1812	12	0.75	1.0	77					66	64	62	58	56	52	43	28					
SP-1815	15	1.1	1.5	97					85	83	80	77	74	69	57	40					
SP-1818	18	1.1	1.5	116					101	97	94	90	85	80	67	45					
SP-1822	22	1.5	2.0	143					127	120	115	110	105	97	80	54					
SP-1825	25	1.5	2.0	160					139	134	128	124	117	110	90	60					
SP-1829	29	2.2	3.0	185					160	155	149	143	136	127	103	70					
SP-1833	33	2.2	3.0	211					183	177	172	164	155	145	118	80					
SP-1839	39	3.0	4.0	250					219	213	204	195	185	172	138	94					
SP-1845	45	3.0	4.0	288					250	243	233	224	213	199	162	110					
SP-1852	52	4.0	5.5	334					291	282	272	261	247	230	184	123					

*Higher pressure, longer stages pumps up to 60 stages are available on request.

Dimensions And Weights



Pump Type	Dimensions(mm)			Net Weight(Kg)
	A	B	C	
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

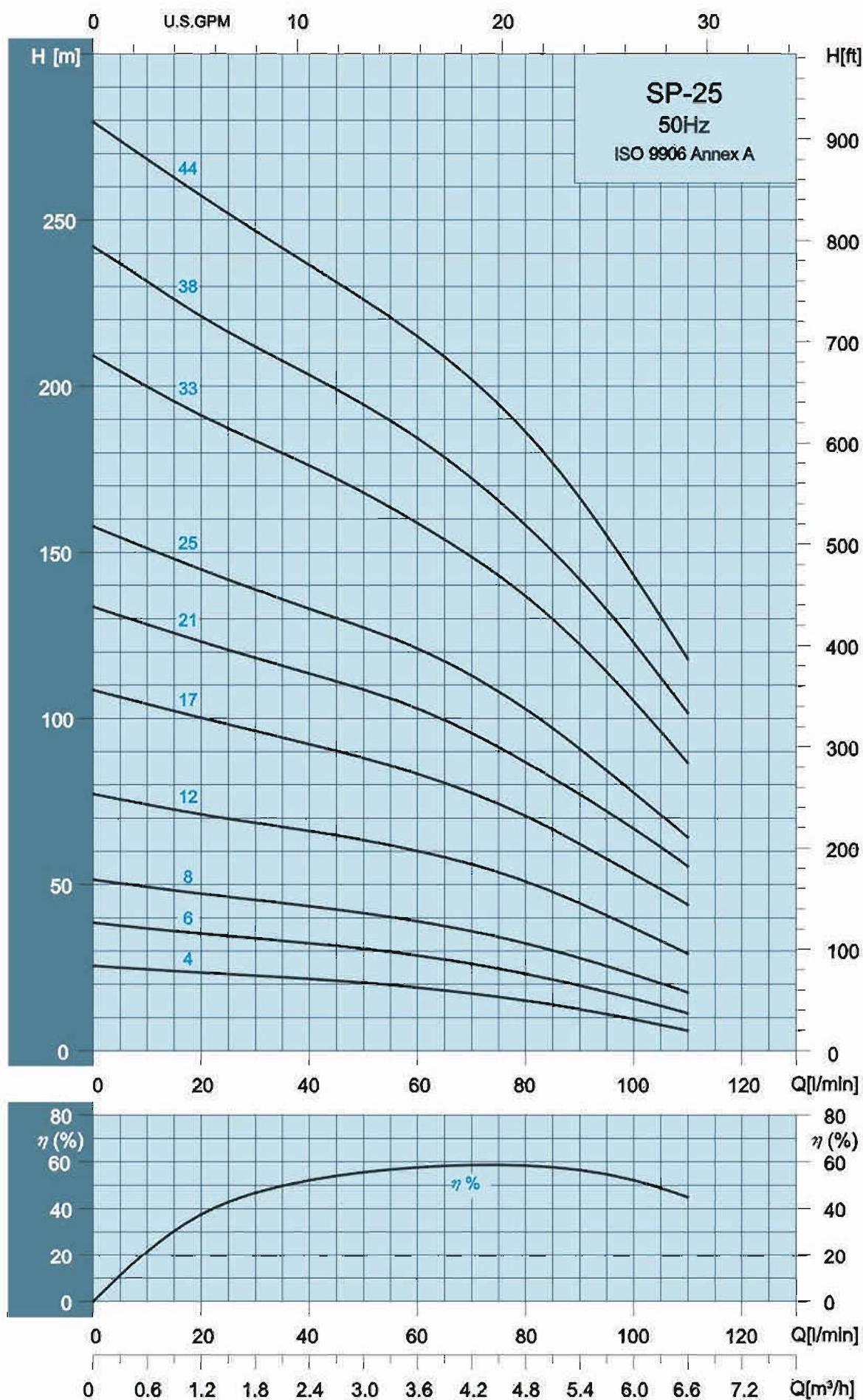
C = Maximum diameter of pump inclusive of cable guard and motor

Stairs SP Series



SP 4"

SP25 Performance Curves

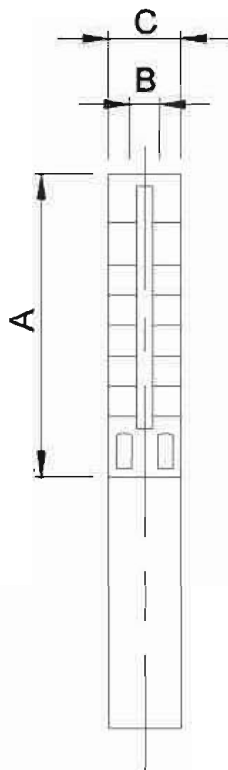


Selection Chart

Pump Type	STAGES	KW	HP	Q capacity 2900 rpm																	
				l/min	0	15	20	25	30	35	40	45	50	60	70	80	90	100	120	140	160
				m³/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				23	22	21	20.5	20	19	17	15	13	10				
SP-2506	6	0.55	0.75	38				34	33	32	31	30	28	26	24	20	16				
SP-2508	8	0.75	1.0	52				45	44	43	42	41	39	36	33	28	23				
SP-2512	12	1.1	1.5	77				68	67	66	64	63	60	56	50	44	37				
SP-2517	17	1.5	2.0	108				96	94	93	90	88	84	77	70	63	54				
SP-2521	21	2.2	3.0	134				118	115	113	111	108	103	96	87	77	67				
SP-2525	25	2.2	3.0	157				138	136	133	129	127	121	113	103	90	78				
SP-2533	33	3.0	4.0	209				184	180	176	172	168	159	149	137	123	105				
SP-2538	38	4.0	5.5	242				212	208	204	199	194	185	172	158	142	123				
SP-2544	44	4.0	5.5	279				247	242	237	231	226	215	202	187	166	143				

*Higher pressure, longer stages pumps up to 85 stages are available on request.

Dimensions And Weights



Pump Type	Dimensions(mm)			Net Weight(Kg)
	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

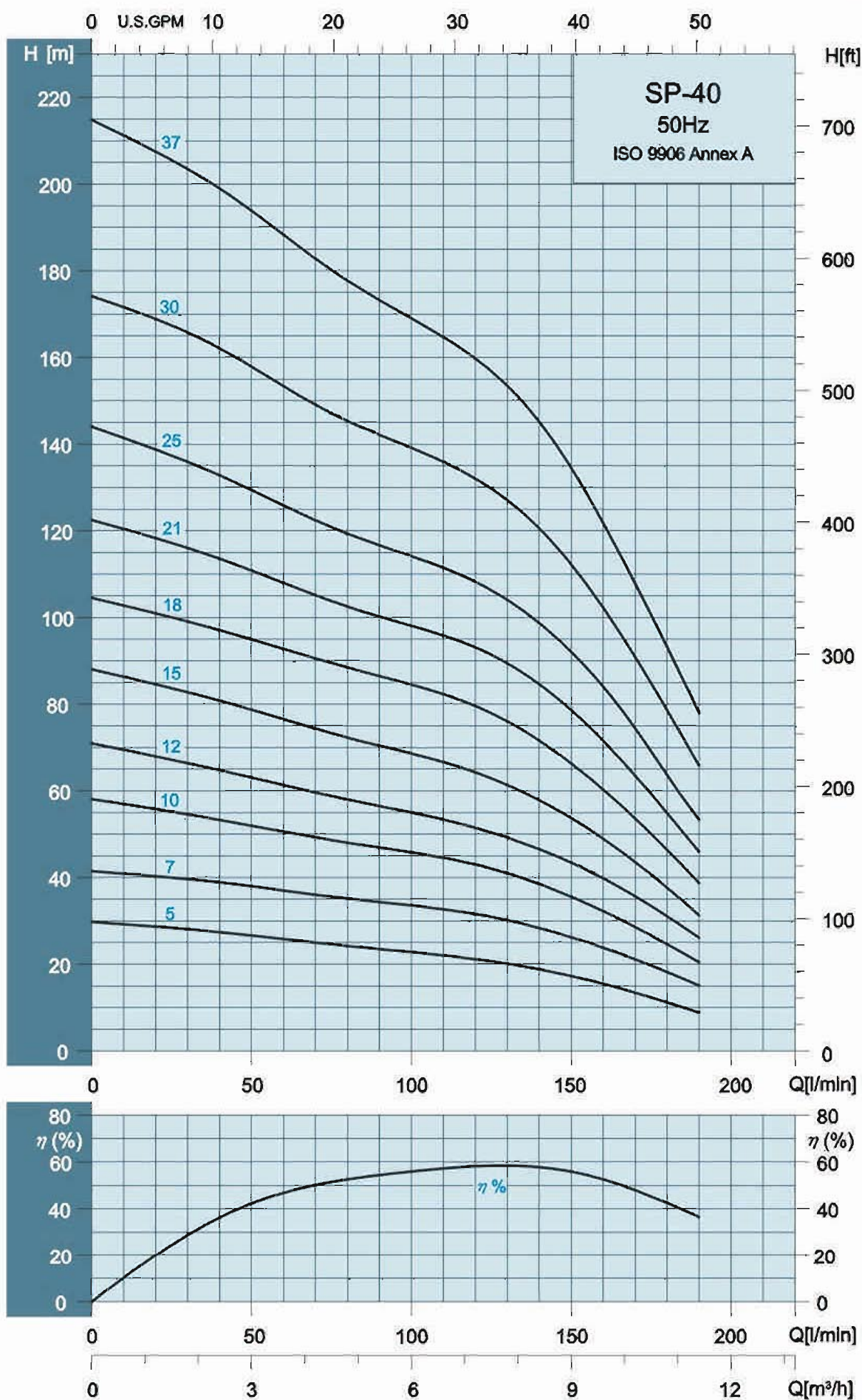
C = Maximum diameter of pump inclusive of cable guard and motor

Stairs SP Series



SP 4"

SP40 Performance Curves

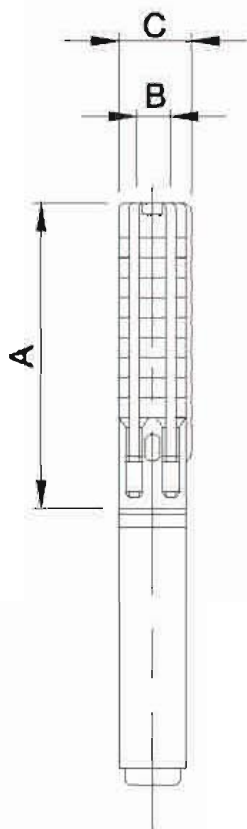


Selection Chart

Pump Type	STAGES	KW	HP	Q capacity 2900 rpm																	
				l/min	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	250	300
				m ³ /h	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			28	27	26	26	25	24	23	22	21	19	15	12			
SP-4007	7	1.1	1.5	41			38	37	36	36	35	35	34	34	32	27	24	17			
SP-4010	10	1.5	2.0	58			54	53	52	51	49	47	47	46	43	38	32	25			
SP-4012	12	2.2	3.0	71			65	64	63	61	60	58	57	55	52	47	40	31			
SP-4015	15	2.2	3.0	87			80	79	78	76	74	72	70	68	64	57	49	38			
SP-4018	18	3.0	4.0	104			98	96	95	93	90	88	86	84	79	72	60	47			
SP-4021	21	4.0	5.5	122			114	113	111	107	105	102	100	98	93	85	72	55			
SP-4025	25	4.0	5.5	144			133	131	128	126	123	119	116	114	107	97	84	64			
SP-4030	30	5.5	7.5	174			163	160	157	154	149	145	142	139	131	120	103	79			
SP-4037	37	5.5	7.5	215			199	196	194	188	183	177	173	169	160	145	122	93			

*Higher pressure , longer stages pumps up to 110 stages are available on request

Dimensions And Weights



Pump Type	Dimensions(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

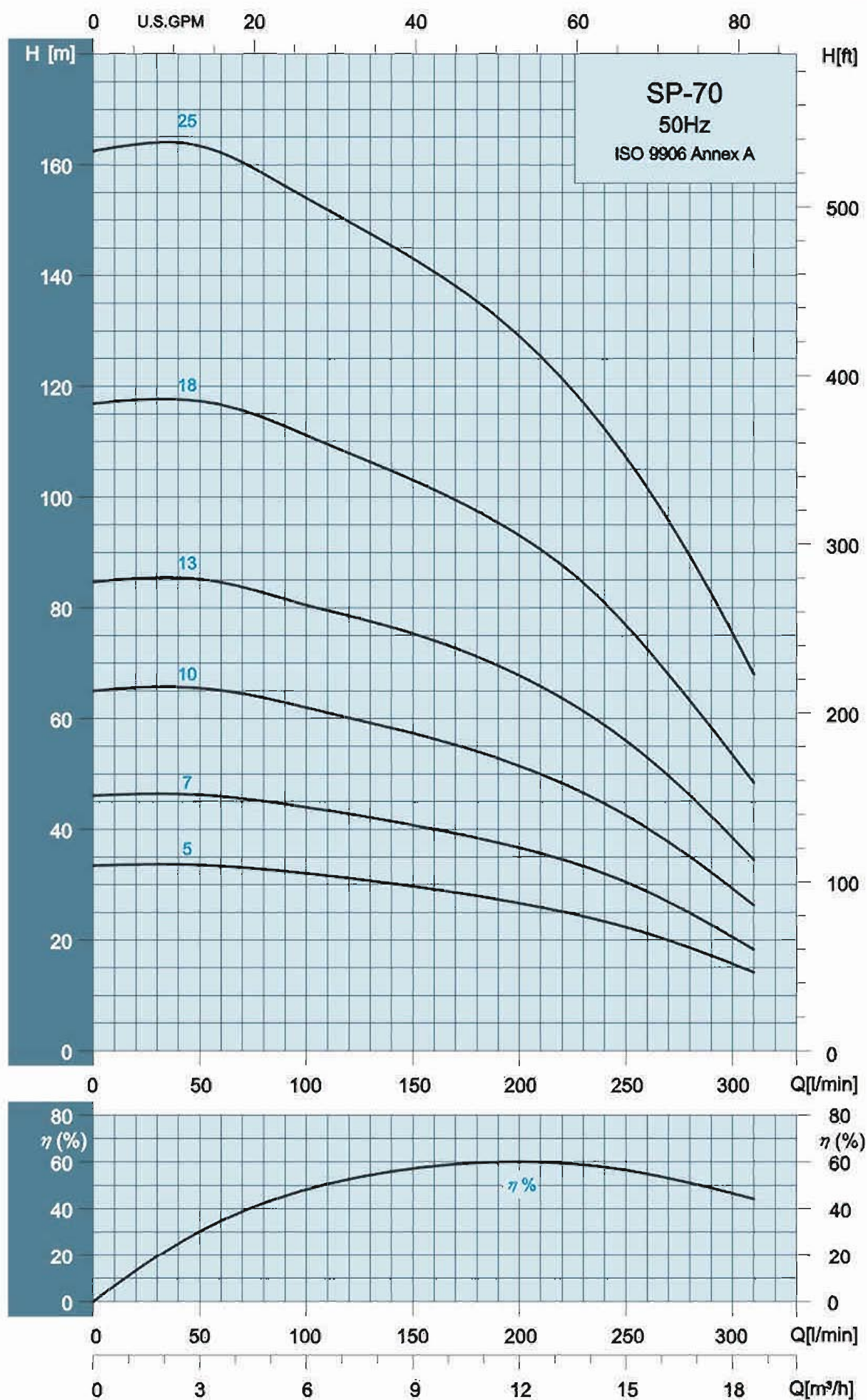
C = Maximum diameter of pump inclusive of cable guard and motor

Stairs SP Series



SP 4"

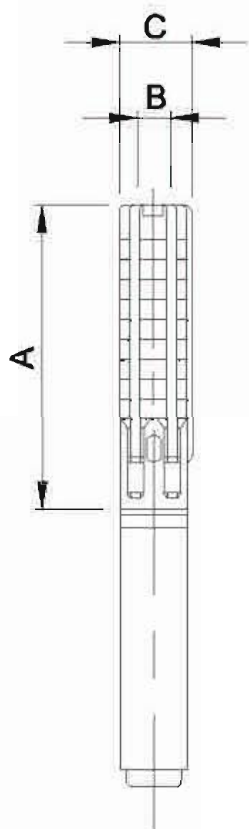
SP70 Performance Curves



Selection Chart

Pump Type	STAGES	KW	HP	Q capacity 2900 rpm															
				l/min	70	80	90	100	120	140	160	180	200	250	300	320	340	360	380
				m³/h	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	33				32	31	30	28	27	26	22	16				
SP-7007	7	2.2	3.0	46				44	43	42	40	37	36	30	20				
SP-7010	10	3.0	4.0	65				62	60	58	57	54	52	43	29				
SP-7013	13	4.0	5.5	84				80	78	77	74	72	67	56	38				
SP-7018	18	5.5	7.5	117				111	108	104	102	97	93	77	54				
SP-7025	25	7.5	10	163				154	149	145	141	135	129	107	75				

Dimensions And Weights



Pump Type	Dimensions(mm)			Net Weight(Kg)
	A	B	C	
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