

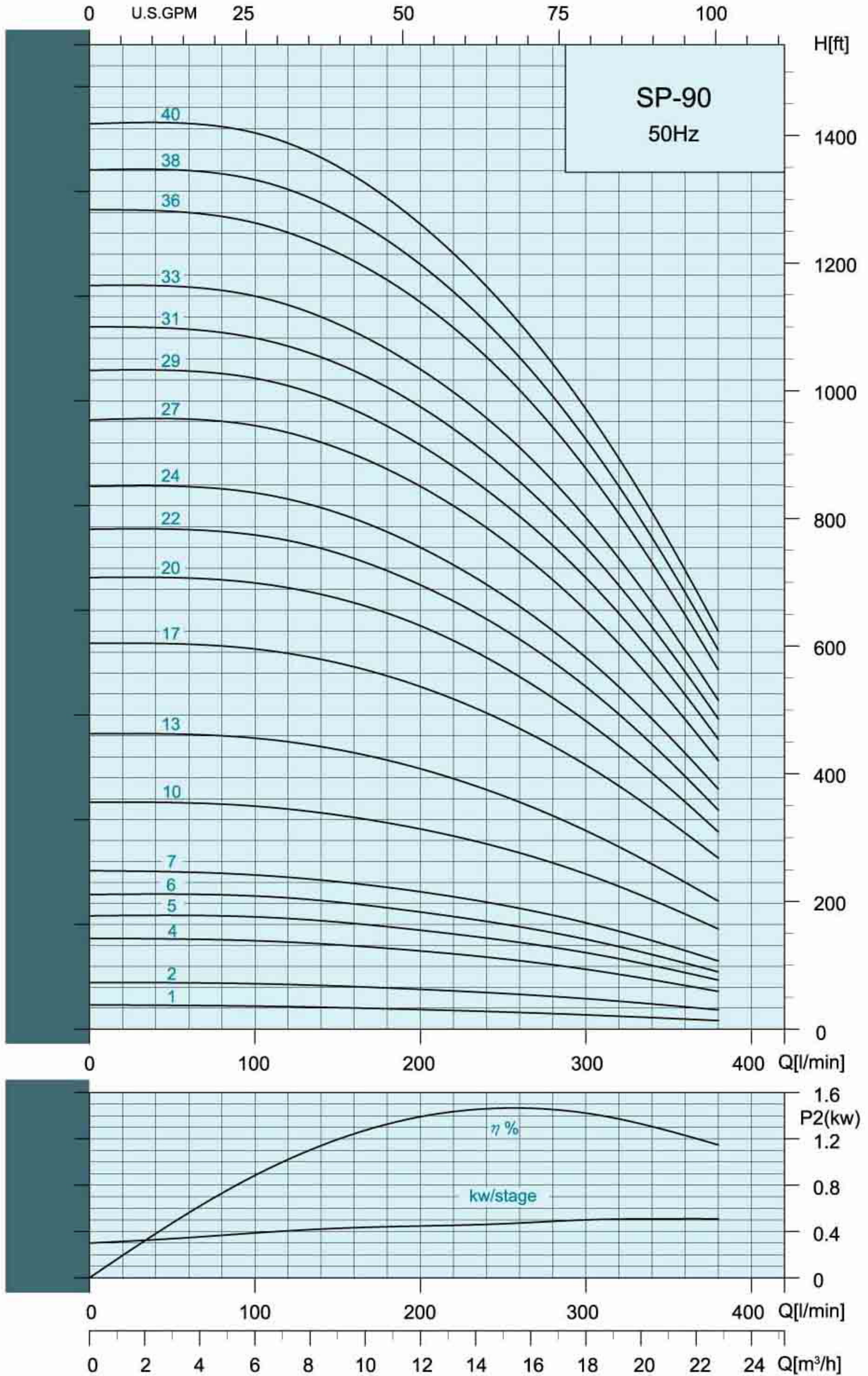
# Stairs SP Series



STAIRS PUMPS

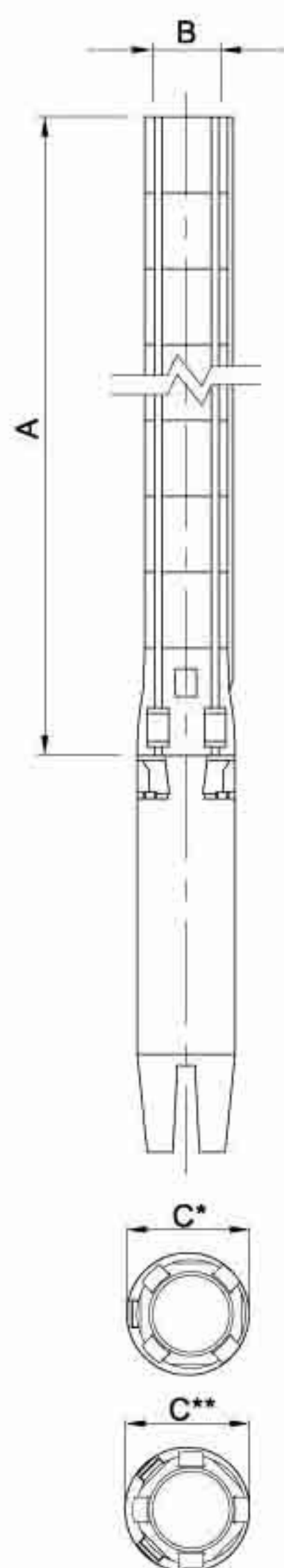
SP 6"

## SP90 Performance Curves



## Selection Chart

Pump Type	Motor		Max.current		m <sup>3</sup> /h l/min	Q capacity 2900 rpm							
	P2		Amp			3	6	9	12	15	18	21	23
	KW	HP	220V	380V		50	100	150	200	250	300	350	383
SP 90-1	0.55	0.75	2.6	1.5	HEAD IN METERS	11.5	11	10.5	9.5	8	7	6	4
SP 90-2	1.1	1.5	5.2	3.0		22	21.5	20	19	17.5	14	12	9
SP 90-4	2.2	3	9.5	5.5		42.5	42	40	38	33	28.5	23	18
SP 90-5	3	4	13.3	7.7		53	52	50.5	47.5	42.5	37	28.5	22
SP 90-6	3.7	5	15.4	8.9		64	63	60	56	50	43	34	27
SP 90-7	4	5.5	17	10.4		75	74	70	66	59	50.5	40	32
SP 90-10	5.5	7.5	22.2	12.8		108	107	102	95	86	74	58	48
SP 90-13	7.5	10	28.5	16.5		141	139	133	124	112	95	75	60
SP 90-17	9.3	12.5	36	20.9		184	182	175	163	147	126	100	80
SP 90-20	11	15	41.8	24.2		216	213	206	192	173	147	116	95
SP 90-22	13	17.5	50	29		239	237	228	212	190	163	129	105
SP 90-24	13	17.5	50	29		260	257	247	230	208	178	140	115
SP 90-27	15	20	55	32		291	288	277	259	234	200	158	128
SP 90-29	18.5	25	69	40		314	311	300	279	250	215	170	138
SP 90-31	18.5	25	69	40		335	330	318	298	269	230	181	148
SP 90-33	18.5	25	69	40		355	350	337	315	285	243	191	157
SP 90-36	22	30	81	47		390	385	371	348	313	268	210	170
SP 90-38	22	30	81	47		410	405	390	365	330	281	222	180
SP 90-40	22	30	81	47		433	428	412	384	346	296	235	190



## Dimensions And Weights

Pump Type	Dimensions(mm)				Net Weight(Kg)
	A	B	C*	C**	Pump
SP 90-1	343	RP 2 1/2" NPT 3"	131		5
SP 90-2	403		131		6.4
SP 90-4	524		131		9.3
SP 90-5	585		131		10.8
SP 90-6	645		131		12.2
SP 90-7	706		131		13.7
SP 90-10	887		131		18
SP 90-13	1069		142	142	22.4
SP 90-17	1311		142	142	28.2
SP 90-20	1492		142	142	32.5
SP 90-22	1613		142	142	35.4
SP 90-24	1734		142	142	38.3
SP 90-27	1916		142	142	42.7
SP 90-29	2037		142	142	45.6
SP 90-31	2158		142	142	48.5
SP 90-33	2279		142	142	51.4
SP 90-36	2460		142	142	55.7
SP 90-38	2581		142	142	58.6
SP 90-40	2702		142	142	61.5

C\*: Maximum diameter of pump with one motor cable

C\*\*: Maximum diameter of pump with two motor cable