

Datos	
Z Bomba	1.4
Z Tanque	0.24
P atm (lbf/in2)	11.3
Z succión (m)	1.16
gc	9.81
Cedula 40	
S succión (m2)	0.0021646
S descarga (m2)	0.00055741
D succión	0.05248
D descraga	0.02663
Acero comercial	
ρ (kg/m3)	998.2
Potencia real HP	3
P Real kgf m/s	228.12

Bomba BC1			Bomba BC2							
Q (gal/min)	Q (m3/s)	H (m)	Q (m3/s)	H (m)	Q (m3/s)	H (m)	P BC1 (psig)	P BC2 (psig)	P BC1 (kgf/m2)	P BC2 (kgf/m2)
3	0.00019	13.32	0.00019	26	0.00019	39.32	19	36	13370.32585	25333.24898
6	0.00038	13.12	0.00038	25.76	0.00038	38.88	17	36	11962.92313	25333.24898
9	0.00057	11.13	0.00057	26.53	0.00057	37.66	14	35	9851.819048	24629.54762
12	0.00076	10.18	0.00076	27.61	0.00076	37.79	12	34	8444.416327	23925.84626

0

Bomba limitante BC 1										
Bombas en paralelo										
Q (m3/s)	ΔZ (m)	P/ρ	V	V2/2gc	Kt	Hfs	Wf	PH	Ph watts	Ph Hp
0.0004	1.6300	19.3867	0.6817	0.0237	32.3714	0.766796569	21.80716748	8.271807541	0.108782319	81.11897532
0.0008	1.6300	18.6817	1.3634	0.0947	32.3714	3.067186276	23.47364929	17.80786151	0.234190709	174.6360117
0.0011	1.6300	17.2718	2.0452	0.2132	32.3714	6.90116912	26.01612887	29.60500182	0.389334585	290.3267998
0.0015	1.6300	16.2143	2.7269	0.3790	32.3714	12.2687451	30.49206169	46.26450748	0.608423297	453.7012524

