

4PWP 10

BOMBAS DE AGUA SUMERGIBLES DE 4"



Curva de Prestaciones a 3450 rpm

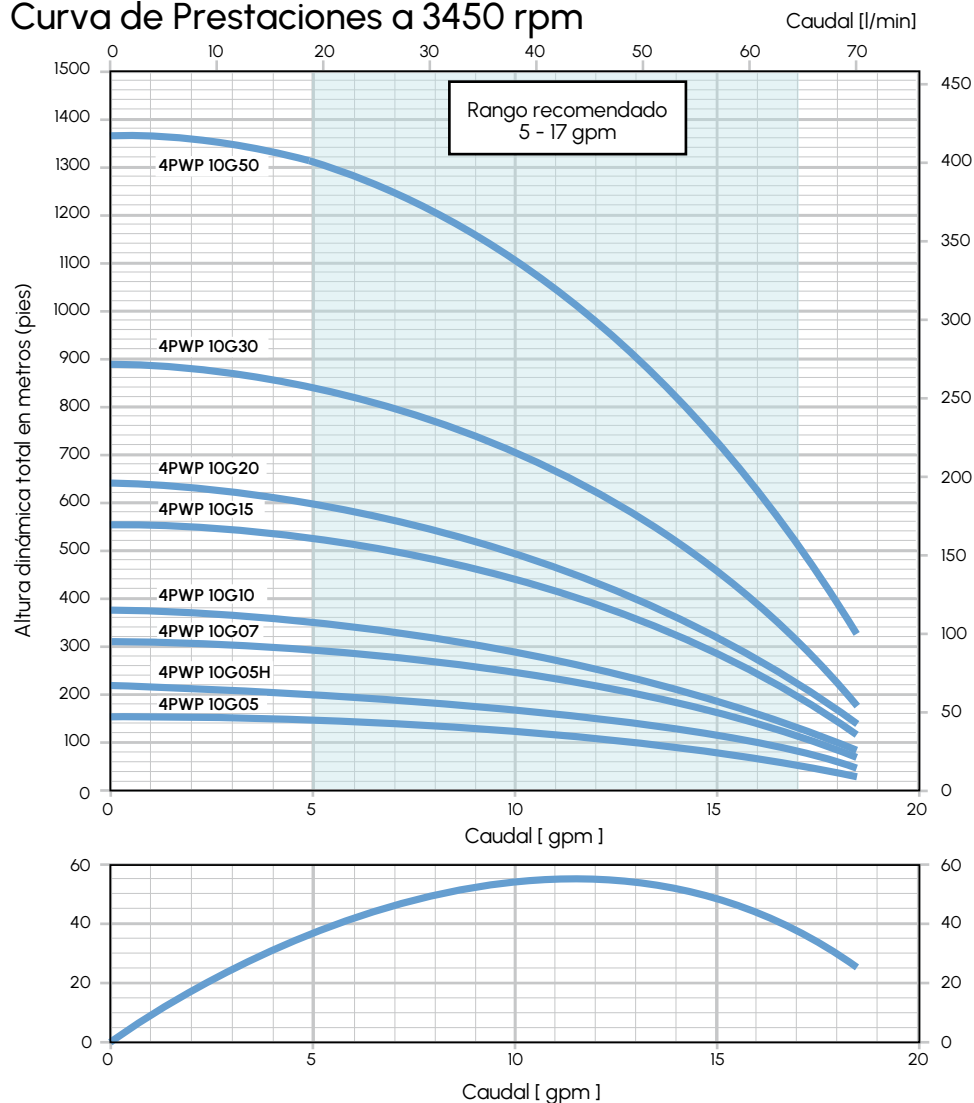


Tabla de Selección

MODELOO	ETAPAS	MOTOR		Q = CAUDAL																				HIDRÁULICA			
				l/min		0	10	15	20	25	30	35	40	50	60												
		gpm		0	2.6	4.0	5.3	6.6	7.9	9.3	10.6	13.2	15.9														
		KW	HP	H = ALTURA DINÁMICA TOTAL EN METROS / PIES																				ALTURA		PESO	
m	ft			m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	mm	in	kgs	lbs		
4PWP 10G05	5	0.37	0.5	48	157	46	151	45	148	44	144	42	138	40	131	38	125	36	118	29	95	9	30	236	9.3	2.5	5.5
4PWP 10G05H	7	0.37	0.5	67	220	62	203	61	200	60	197	58	190	55	180	52	171	52	171	39	128	13	43	271	10.7	2.8	6.2
4PWP 10G07	10	0.55	0.75	96	315	91	298	90	295	89	292	85	279	81	266	77	253	77	253	58	190	19	62	324	12.8	3.3	7.3
4PWP 10G10	12	0.75	1	115	377	110	361	108	354	106	348	102	335	98	321	92	302	92	302	68	223	23	75	359	14.1	3.6	8.0
4PWP 10G15	17	1.1	1.5	168	551	162	531	161	528	159	522	152	499	147	482	138	453	138	453	102	335	35	115	447	17.6	4.4	9.7
4PWP 10G20	20	1.5	2	195	640	190	623	185	607	181	594	177	581	168	551	158	518	158	518	118	387	40	131	499	19.6	4.9	10.8
4PWP 10G30	27	2.2	3	270	886	262	859	259	850	255	836	247	810	237	777	223	731	223	731	167	548	53	174	660	26.0	6.0	13.3
4PWP 10G50	42	3.7	5	416	1364	412	1351	406	1332	400	1312	389	1276	370	1214	350	1148	350	1148	267	876	99	325	916	36.1	8.8	19

4PWP 10

BOMBAS DE AGUA SUMERGIBLES DE 4"



Potencia: 1/2 - 5 hp

Rango de operación recomendado: 5 - 17 gpm

MODELO	HP	PSI	PROFUNDIDAD DEL AGUA [FT] / CAUDAL [GPM]																				
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540
4PWP 10G05	0.5	0	19	18	16.5	14.5	12.5	10	5														
		20	16	15	12	10	6																
		30	13	11	9	2																	
		40	12	8	2																		
		50	7	2																			
Presión Máx. PSI		68	59	51	42	33	25	16	7														
4PWP 10G05H	0.5	0		18.5	18	17	16	14.2	12.8	10.7	8	6.5											
		20	18	17.3	17	16	14.2	13	11	5													
		30	16.5	15	13.5	12	9.1	7.5	6														
		40	15.5	13.5	12	9.1	7.5	2															
		50	13.5	12	9	7	2																
Presión Máx. PSI		95	86	78	69	60	52	43	34	26	17	8											
4PWP 10G07	0.7	0				18	17.5	16.5	16	15	14	13	12	10.5	9	6	4						
		20		18	17.2	16.5	16	15	14	13	12	10.5	9	6	1								
		30	17.5	17	16.5	16	15	14	13	12	9	7	5.5	3									
		40	17.2	16	15.5	14.5	13.5	12.5	11	9.5	7.5	5.5	1										
		50	16.1	15.5	14.5	13.6	12.5	11	9.5	8	5.5												
Presión Máx. PSI		136	128	119	110	102	93	84	76	67	58	50	41	32	23	15	6.4						
4PWP 10G10	1	0				18.5	18	17.2	16.7	16	15.2	14.5	13.5	12.6	11.5	10.5	9	6					
		20		18.5	17.5	17.2	16.5	16.0	15.2	14.5	13.5	12.5	11.5	10.5	9	7.5	5.5						
		30	18.5	17.5	17	16.2	15.5	15	14	13.2	12	11	10	8.5	7	5	2						
		40	17.5	17	16.5	16	15	14	13.2	12	11	10	8	6	4.5	2							
		50	17	16.5	16	15	14	13.2	12	11	10	8	6.5	5	1.5								
Presión Máx. PSI		162	153	145	136	127	119	110	101	93	84	75	67	58	49	41	32	15					
4PWP 10G15	1.5	0							18	17.5	17.3	17	16.5	16	15.5	15	14.5	14	13.3	12.8	12.2	2	
		20			18.5	18.3	17.8	17.5	17.2	16.8	16.5	16	15.5	15	14.5	14	13.5	12	10.5	8.5	5	2	
		30		18.5	18.3	18	17.5	17.4	16.5	15.4	16	15.5	15	14.5	14	13	12.5	11	9.5	7.5	4		
		40	18.5	18.2	18	17.5	17	16.5	16.2	15.3	15.5	15	14.5	14	13	12.5	12	10.3	8.2	5	2		
		50	18.3	17.8	17.5	17	16.5	16	15.8	15.2	14.8	14.3	13.8	13	12.5	12	11	9	6.9	4			
Presión Máx. PSI		239	230	221	213	204	195	187	178	169	161	152	143	135	126	117	109	91	74	57	39	22	
4PWP 10G20	2	0							18.3	17.8	17.5	17	16.8	16.2	15.9	15.4	14.5	13.2	12.2	11	9.8	8	
		20						18	17.6	17.3	17	16.8	16.2	15.8	15.2	14.8	14.3	13.2	12.6	10.8	9.3	8	6
		30				18.5	18	17.6	17.3	17	16.5	16.2	15.8	15.2	15	14	13.5	11	9.5	10	8.3	6.5	4
		40			18.3	18	17.5	17.3	17	16.5	16.2	15.5	15.2	14.8	14	13.5	13.2	12	10.5	9.4	7.5	5.8	2
		50		18.3	18	17.5	17.2	17	16.5	16.2	15.5	15.2	14.8	14	13.5	13.2	12	11.5	9.4	7.5	6.5	2	
Presión Máx. PSI		277	268	260	251	242	234	225	216	208	199	190	182	173	164	156	147	130	112	95	78	60	43
MODELO	HP	PSI	20	40	60	80	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900
4PWP 10G30	3	0							18.3	17.6	17	16.5	15.8	15	14.3	13.5	12.5	11.5	10	8.5	6.8	4	
		20						18.3	17.6	17.2	16.5	15.8	15	14.3	13.5	12.5	11.5	10	8.5	6.8	4.2		
		30					18.5	18	17.5	16.8	16.2	15.5	14.8	14	13	12	11	9.8	9.5	6	3.5		
		40				18.5	18.3	17.7	17.3	16.5	16	15.2	14.5	13.5	12.8	11.5	10.2	9	7.3	4.5			
		50			18.5	18.3	18.1	17.5	17	16.2	15.2	14.8	14.0	12.8	12.3	11	9.7	8	6.5	3.5			
Presión Máx. PSI		383	375	366	357	349	340	318	297	275	254	232	210	189	167	145	124	102	80	59	37	15	
MODELO	HP	PSI	80	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	900	1000	1100	1200	1300
4PWP 10G50	5	0							18.4	17.9	17.5	17.2	16.5	16.2	15.5	15.2	14.8	14.3	13.8	11.7	11	8	5
		20						18.4	17.9	17.6	17.2	16.5	16.2	15.5	15.2	14.8	14.2	13.8	11.7	11	8	7	2.5
		30					18.5	18.3	17.7	17.4	17	16.3	15.8	15.2	15	14.5	14	13.2	12	10.4	8.5	6.5	
		40					18.4	18	17.6	17.2	16.8	16.2	15.4	15.3	14.7	14.3	13.6	13	11.7	10.0	8.0	5.5	
		50				18.5	18.2	17.7	17.4	17	16.5	16	15.2	15	14.5	14	13.4	12.6	11.5	9.5	7.3	4.9	
Presión Máx. PSI		591	556	547	526	504	482	461	439	418	396	374	353	331	309	288	266	244	201	158	114	71	28

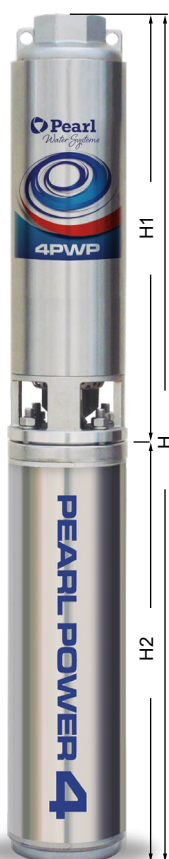
* Las pérdidas por fricción en la tubería no han sido consideradas.

4PWP

BOMBAS DE AGUA SUMERGIBLES DE 4"



Pesos y dimensiones con motor Pearl 4"



MODELO	HP	KW	HIDRÁULICA H1				MOTOR 1F - 3 HILOS								MOTOR 1F - 3 HILOS								MOTOR 3F - 3 HILOS							
			ALTURA		PESO		MOTOR H2		BOMBA + MOTOR				MOTOR H2		BOMBA + MOTOR				MOTOR H2		BOMBA + MOTOR				MOTOR H2		BOMBA + MOTOR			
			inch	cm	lbs	kg	inch	cm	inch	cm	lbs	kg	inch	cm	inch	cm	lbs	kg	inch	cm	inch	cm	lbs	kg	inch	cm	inch	cm	lbs	kg
4PWP 05G05	0.5	0.37	12.0	30.6	6.9	3.1	8.5	21.6	20.6	52.2	21.7	9.8	15.9	40.5	28.0	71.1	23.0	10.4	8.5	21.6	13.2	33.6	20.1	9.1						
4PWP 05G05H	0.5	0.37	14.1	35.9	8.0	3.6	8.5	21.6	20.6	52.2	22.8	10.3	15.9	40.5	28.0	71.1	24.1	10.9	8.5	21.6	22.6	57.5	21.2	9.6						
4PWP 05G7	0.75	0.55	16.2	41.1	9.1	4.1	10.5	26.6	26.7	67.7	26.7	12.1	17.1	43.5	25.5	64.7	27.8	12.6	10.5	26.6	26.7	67.7	23.9	10.8						
4PWP 05G10	1	0.75	19.6	49.9	10.8	4.9	11.3	28.6	30.9	78.5	30.7	13.9	17.9	45.5	37.6	95.4	31.4	14.2	10.5	26.6	30.1	76.5	28.5	12.9						
4PWP 05G15	1.5	1.1	25.3	64.2	12.8	5.8	13.0	33.1	38.3	97.3	37.1	16.8	19.7	50.0	45.0	114.2	37.8	17.1	11.3	28.6	36.5	92.8	32.7	14.8						
4PWP 05G20	2	1.5	29.8	75.7	16.1	7.3	15.5	39.3	45.3	115.0	44.9	20.3							13.7	34.8	43.5	110.5	40.4	18.3						
4PWP 07G05	0.5	0.37	10.8	27.5	6.0	2.7	8.5	21.6	19.3	49.1	20.8	9.4	15.9	40.5	26.8	68.0	22.1	10	8.5	21.6	19.3	49.1	19.2	8.7						
4PWP 07G05H	0.5	0.37	13.0	33.0	7.3	3.3	8.5	21.6	21.5	54.6	22.1	10	15.9	40.5	28.9	73.5	23.4	10.6	8.5	21.6	21.5	54.6	20.6	9.3						
4PWP 07G7	0.7	0.55	15.2	38.5	8.4	3.8	10.5	26.6	25.6	65.1	26.0	11.8	17.1	43.5	32.3	82.0	27.2	12.3	10.5	26.6	25.6	65.1	23.2	10.5						
4PWP 07G10	1	0.75	17.9	45.5	9.9	4.5	11.3	28.6	29.2	74.1	29.8	13.5	17.9	45.5	35.8	91.0	30.5	13.8	10.5	26.6	28.4	72.1	27.6	12.5						
4PWP 07G15	1.5	1.1	21.5	54.5	11.9	5.4	13.0	33.1	34.5	87.6	36.2	16.4	19.7	50	41.1	104.5	36.9	16.7	11.3	28.6	32.7	83.1	31.8	14.4						
4PWP 07G20	2	1.5	26.6	67.5	14.6	6.6	15.5	39.3	42.0	106.8	43.3	19.6							13.7	34.8	40.3	102.3	38.9	17.6						
4PWP 07G30	3	2.2	31.3	79.5	18.3	8.3	16.3	41.3	47.6	120.8	48.8	22.1							15.5	39.3	46.8	118.8	47.1	21.3						
4PWP 10G05	0.5	0.37	9.3	23.6	5.5	2.5	8.5	21.6	19.2	48.7	20.3	9.2	15.9	40.5	26.6	67.6	21.7	9.8	8.5	21.6	17.8	45.2	18.8	8.5						
4PWP 10G05H	0.5	0.37	10.7	27.1	6.2	2.8	8.5	21.6	19.2	48.7	21.0	9.5	15.9	40.5	26.6	67.6	22.3	10.1	8.5	21.6	19.2	48.7	19.4	8.8						
4PWP 10G7	0.75	0.55	12.8	32.4	7.3	3.3	10.5	26.6	23.2	59.0	25.0	11.3	17.1	43.5	22.0	56.0	26.1	11.8	10.5	26.6	23.2	59.0	22.1	10.0						
4PWP 10G10	1	0.75	14.1	35.9	8.0	3.6	11.3	28.6	25.4	64.5	27.8	12.6	17.9	45.5	32.0	81.4	28.5	12.9	10.5	26.6	24.6	62.5	25.6	11.6						
4PWP 10G15	1.5	1.1	17.6	44.7	9.7	4.4	13.0	33.1	30.6	77.8	34.0	15.4	19.7	50.0	37.3	94.7	34.7	15.7	11.3	28.6	28.9	73.3	29.6	13.4						
4PWP 10G20	2	1.5	19.6	49.9	10.8	4.9	15.5	39.3	35.1	89.2	39.6	17.9							13.7	34.8	33.3	84.7	35.1	15.9						
4PWP 10G30	3	2.2	26.0	66.0	13.3	6.0	16.3	41.3	42.2	107.3	43.8	19.8							15.5	39.3	41.5	105.3	42.0	19.0						
4PWP 10G50	5	3.7	29.8	75.8	19.4	8.8	26.9	68.3	56.7	144	78.0	35.3							24.2	61.4	54.0	137.2	70.3	31.8						
4PWP 13G05	0.5	0.37	9.3	23.6	5.5	2.5	8.5	21.6	17.8	45.2	20.3	9.2	15.9	40.5	25.2	64.1	21.7	9.8	8.5	21.6	17.8	45.2	18.8	8.5						
4PWP 13G7	0.75	0.55	10.7	27.1	6.2	2.8	10.5	26.6	21.1	53.7	23.9	10.8	17.1	43.5	20.0	50.7	25.0	11.3	10.5	26.6	21.1	53.7	21.0	9.5						
4PWP 13G10	1	0.75	12.8	32.4	7.1	3.2	11.3	28.6	24.0	61.0	27.0	12.2	17.9	45.5	30.7	77.9	27.6	12.5	10.5	26.6	23.2	59.0	24.8	11.2						
4PWP 13G15	1.5	1.1	14.1	35.9	7.7	3.5	13.0	33.1	27.2	69.0	32.0	14.5	19.7	50.0	33.8	85.9	32.7	14.8	11.3	28.6	25.4	64.5	27.6	12.5						
4PWP 13G20	2	1.5	17.6	44.7	9.5	4.3	15.5	39.3	33.1	84.0	38.2	17.3							13.7	34.8	31.3	79.5	33.8	15.3						
4PWP 13G30	3	2.2	20.4	51.9	11.1	5.0	16.3	41.3	36.7	93.2	41.5	18.8							15.5	39.3	35.9	91.2	39.8	18.0						
4PWP 13G50	5	3.7	31.6	80.3	16.8	7.6	26.9	68.4	58.5	148.7	75.4	34.1							24.2	61.4	55.8	141.7	67.6	30.6						
4PWP 18G05	0.5	0.37	10.1	25.7	6.0	2.7	8.5	21.6	18.6	47.3	20.8	9.4	15.9	40.5	26.1	66.2	22.1	10.0	8.5	21.6	18.6	47.3	19.2	8.7						
4PWP 18G7	0.75	0.55	11.0	27.9	6.2	2.8	10.5	26.6	21.5	54.5	23.9	10.8	17.1	43.5	20.3	51.5	25.0	11.3	10.5	26.6	21.5	54.5	21.0	9.5						
4PWP 18G10	1	0.75	12.7	32.2	6.9	3.1	11.3	28.6	23.9	60.8	26.7	12.1	17.9	45.5	30.6	77.7	27.4	12.4	10.5	26.6	23.1	58.8	24.5	11.1						
4PWP 18G15	1.5	1.1	15.2	38.7	8.0	3.6	13.0	33.1	28.3	71.8	32.3	14.6	19.7	50.0	34.9	88.7	32.9	14.9	11.3	28.6	26.5	67.3	27.8	12.6						
4PWP 18G20	2	1.5	17.8	45.2	9.1	4.1	15.5	39.3	33.3	84.5	37.8	17.1							13.7	34.8	31.5	80.0	33.4	15.1						
4PWP 18G30	2.2	3	22.0	56.0	10.8	4.9	16.3	41.3	38.3	97.3	41.3	18.7							15.5	39.3	37.5	95.3	39.6	17.9						
4PWP 18G50	5	3.7	32.6	82.7	15.7	7.1	26.9	68.4	59.5	151.1	74.3	33.6							24.2	61.4	56.7	144.1	66.5	30.1						

PEARL POWER 4