

Pearl®

4PWP 60

Curvas de Rendimiento a 3450 r.p.m.

2" DESCARGA

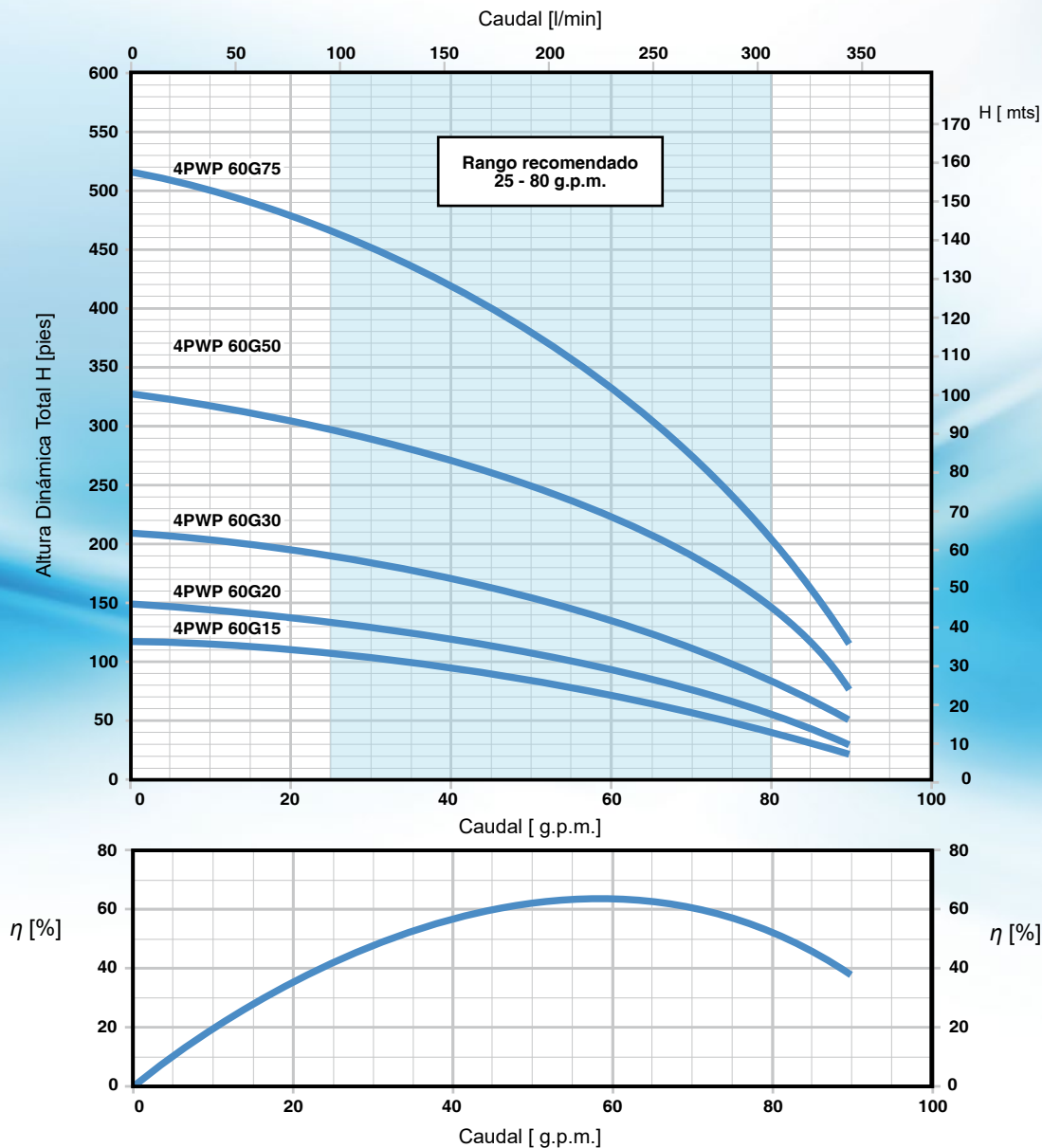


Tabla de Selección

MODELO	ETAPAS	MOTOR		Q = CAUDAL																HIDRAULICA																	
				l/min	0	80	90	100	120	140	160	180	200	220	240	260	280	300	340																		
		gpm	0	21.2	23.8	26.5	31.7	37.0	42.3	47.6	52.9	58.2	63.5	68.8	74.1	79.4	89.9	ALTURA	PESO																		
		KW	HP	H = ALTURA DINAMICA TOTAL EN METROS / PIES																																	
		m	ft	m	ft	m	ft	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 60G15	4	1.1	1.5	36	118	34	112	33	108	32	105	31	102	30	98	28	92	26	85	24	79	22	72	19	62	17	56	14	46	12	39	6	20	378	14.9	3.9	8.6
4PWP 60G20	5	1.5	2	46	151	43	141	42	138	41	134	39	128	37	121	36	118	34	112	32	105	29	95	26	85	23	75	20	66	17	56	9	30	430	16.9	4.4	9.7
4PWP 60G30	7	2.2	3	64	210	59	194	58	190	57	187	55	180	53	174	51	167	48	157	45	148	42	138	38	125	34	112	30	98	25	82	15	49	534	21.0	5.3	11.7
4PWP 60G50	11	4	5	100	328	96	315	93	305	90	295	87	285	83	272	80	262	75	246	71	233	67	220	60	197	54	177	48	157	41	134	24	79	742	29.2	7.2	15.9
4PWP 60G75	17	5.5	7.5	157	515	144	472	142	466	140	459	136	446	131	430	126	413	119	390	112	367	104	341	95	312	85	279	73	239	61	200	35	115	1092	43.0	10.1	22.3

Rango HP: 1.5 - 7.5 HP
Rango de Operación Recomendado: 25 - 80 g.p.m.

MODELO	HP	PSI	PROFUNDIDAD DEL AGUA EN PIES / CAUDAL EN GPM																											
			10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	240	280	300	320									
4PWP 60G15	1.5	0		90	85	79	74	67	61	53	44	35																		
		20	70	67	61	53	44	35	18																					
		30	53	44	35	18	5																							
		40	34	17																										
Presión máx.PSI		51	47	42	38	34	29	25	21	16	12	8																		
4PWP 60G20	2	0			90	84	82	78	73	67	62	55	39	12.5																
		20	80	75	70	65	58	51	43	34	21	7.5																		
		30	67.5	62	55	47.5	39	28	15	5																				
		40	53	45	42	25	14																							
Presión máx.PSI		65	61	57	52	48	44	39	35	31	26	22	13	5																
4PWP 60G30	3	0					90	87.5	84	81	77	73	66	57	46	33														
		20	89	86	80	77.5	75	73	70	65	60	55	43	30	7.5															
		30	80	78	74	70	66	62	57	52	46	40	25	5																
		40	72.5	70	65	61	56	50	43	37	30	20	5																	
Presión máx.PSI		90.9	87	82	78	74	69	65	61	56	52	48	39	30	22	13														
4PWP 60G50	5	0				90	87.5	84	81	77	72.5	67	60	53	44	28.5	22.5													
		20		89	87	84	80	77	72	67	59	52	43	27	19	5	2.5													
		30	90	86	83.5	78	75	69	66	62.5	50	40	28	16	2.5															
		40	86	82.5	78	74	70	65	56	48	39	27	16																	
		50	82.5	78	74	69	62	55	47	38	26	15																		
		60	77.5	72.5	67	60	53	44	28.5	22	5																			
Presión máx.PSI		142	133	125	116	107	99	90	81	73	64	55	47	38	29	21	12													
4PWP 60G75	7.5	0						89	87.5	85	82.5	80	78	75	72	69	66	62	50	39	26.5									
		20				89	87.5	85	82.5	80	77	74	71	67	65	61	57	49	38	25	7.5									
		30			88.5	87.5	85	82.5	79	75	73	70.5	67.5	64	60	56	52.5	42	32.5	15										
		40	90	88	86.5	82.5	81	78	76	73	70	67	63	59	55	51	46	35	22.5	2.5										
		50	87.5	86	82.5	81	79	76	73	69	67	63	57	55	50	46	41	19	17.5											
		60	86	82.5	80	78	75	72	69	66	62	58	54	50	45	40	35	20												
Presión máx.PSI		223	214	206	197	188	180	171	162	154	145	136	128	119	110	102	93	76	58	41	24									

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

Pesos y Dimensiones con Motor Pearl 4"

MODELO	HP	KW	HIDRÁULICA H1				MOTOR 1F - 3 HILOS						MOTOR 1F - 2 HILOS						MOTOR 3F - 3 HILOS					
			ALTURA		PESO		MOTOR H2		BOMBA + MOTOR				MOTOR H2		BOMBA + MOTOR				MOTOR H2		BOMBA + MOTOR			
			plg	cm	lbs	kg	plg	cm	plg	cm	lbs	kg	plg	cm	plg	cm	lbs	kg	plg	cm	plg	cm	lbs	kg
4PWP 25G10	1	0.75	12.6	32.0	6.9	3.1	11.3	28.6	23.9	60.6	26.7	12.1	17.9	45.5	30.5	77.5	27.4	12.4	10.5	26.6	23.1	58.6	24.5	11.1
4PWP 25G15	1.5	1.1	14.6	37.0	7.7	3.5	13.0	33.1	27.6	70.1	32.0	14.5	19.7	50.0	34.3	87.0	32.7	14.8	11.3	28.6	25.8	65.6	27.6	12.5
4PWP 25G20	2	1.5	16.5	41.9	8.6	3.9	15.5	39.3	32.0	81.2	37.3	16.9							13.7	34.8	30.2	76.7	32.9	14.9
4PWP 25G30	3	2.2	20.4	51.8	10.4	4.7	16.3	41.3	36.7	93.1	40.9	18.5							15.5	39.3	35.9	91.1	39.1	17.7
4PWP 25G50	5	3.7	32.5	82.6	15.7	7.1	26.9	68.4	59.4	151.0	74.3	33.6							24.2	61.4	56.7	144.0	66.5	30.1
4PWP 35G10	1	0.75	14.1	35.9	7.5	3.4	11.3	28.6	25.4	64.5	27.4	12.4	17.9	45.5	31.8	80.8	28.1	12.7	10.5	26.6	24.6	62.5	25.2	11.4
4PWP 35G15	1.5	1.1	16.6	42.1	8.8	4.0	13.0	33.1	29.6	75.2	33.2	15.0	19.7	50.0	36.3	92.1	33.8	15.3	11.3	28.6	27.8	70.7	28.7	13.0
4PWP 35G20	2	1.5	19.0	48.3	10.2	4.6	15.5	39.3	34.5	87.6	38.9	17.6							13.7	34.8	32.7	83.1	34.5	15.6
4PWP 35G30	3	2.2	23.9	60.7	12.6	5.7	16.3	41.3	40.2	102.0	43.1	19.5							15.5	39.3	39.4	100.0	41.3	18.7
4PWP 35G50	5	3.7	35.2	89.3	17.9	8.1	26.9	68.4	62.1	157.7	76.5	34.6							24.2	61.4	59.3	150.7	68.7	31.1
4PWP 35G75	7.5	5.5	49.5	125.7	25.6	11.6													26.9	68.4	76.4	194.1	84.4	38.2
4PWP 40G15	1.5	1.1	12.8	32.5	6.9	3.1	13.0	33.1	25.8	65.6	31.2	14.1	19.7	50.0	32.5	82.5	31.8	14.4	11.3	28.6	24.1	61.1	26.7	12.1
4PWP 40G20	2	1.5	14.0	35.6	7.5	3.4	15.5	39.3	29.5	74.9	36.2	16.4							13.7	34.8	27.7	70.4	31.8	14.4
4PWP 40G30	3	2.2	16.5	41.8	8.8	4.0	16.3	41.3	32.7	83.1	39.3	17.8							15.5	39.3	31.9	81.1	37.6	17.0
4PWP 40G50	5	3.7	23.8	60.4	12.6	5.7	26.9	68.4	50.7	128.8	71.2	32.2							24.2	61.4	48.0	121.8	63.4	28.7
4PWP 40G75	7.5	5.5	33.8	85.9	17.2	7.8													26.9	68.4	60.7	154.3	76.0	34.4
4PWP 55G15	1.5	1.1	17.0	43.3	9.5	4.3	13.0	33.1	30.1	76.4	33.8	15.3	19.7	50.0	36.7	93.3	34.5	15.6	11.3	28.6	28.3	71.9	29.4	13.3
4PWP 55G20	2	1.5	21.1	53.7	11.7	5.3	15.5	39.3	36.6	93.0	40.4	18.3							13.7	34.8	34.8	88.5	36.0	16.3
4PWP 55G30	3	2.2	25.2	64.1	13.7	6.2	16.3	41.3	41.5	105.4	44.2	20.0							15.5	39.3	40.7	103.4	42.4	19.2
4PWP 55G50	5	3.7	37.5	95.3	19.9	9.0	26.9	68.4	64.4	163.7	78.5	35.5							24.2	61.4	61.7	156.7	70.7	32.0
4PWP 55G75	7.5	5.5	53.0	134.5	27.2	12.3													26.9	68.4	79.9	202.9	86.0	38.9
4PWP 60G15	1.5	1.1	14.9	37.8	8.6	3.9	13.0	33.1	27.9	70.9	32.9	14.9	19.7	50.0	34.6	87.8	33.6	15.2	11.3	28.6	26.1	66.4	28.5	12.9
4PWP 60G20	2	1.5	16.9	43.0	9.7	4.4	15.5	39.3	32.4	82.3	38.5	17.4							13.7	34.8	30.6	77.8	34.0	15.4
4PWP 60G30	3	2.2	21.0	53.4	11.7	5.3	16.3	41.3	37.3	94.7	42.2	19.1							15.5	39.3	36.5	92.7	40.4	18.3
4PWP 60G50	5	3.7	29.2	74.2	15.9	7.2	26.9	68.4	56.1	142.6	74.5	33.7							24.2	61.4	53.4	135.6	66.7	30.2
4PWP 60G75	7.5	5.5	43.0	109.2	22.3	10.1													26.9	68.4	69.9	177.6	81.1	36.7
4PWP 80G30	3	2.2	18.6	47.2	9.7	4.4	16.3	41.3	34.8	88.5	40.2	18.2							15.5	39.3	34.1	86.5	38.5	17.4
4PWP 80G50	5	3.7	29.3	74.3	12.4	5.6	26.9	68.4	56.2	142.7	70.9	32.1							24.2	61.4	53.4	135.7	63.2	28.6
4PWP 80G75	7.5	5.5	42.6	108.1	21.9	9.9													26.9	68.4	69.5	176.5	80.7	36.5