

# Pearl®

## 4PWP 40

Curvas de Rendimiento a 3450 r.p.m.

2" DESCARGA

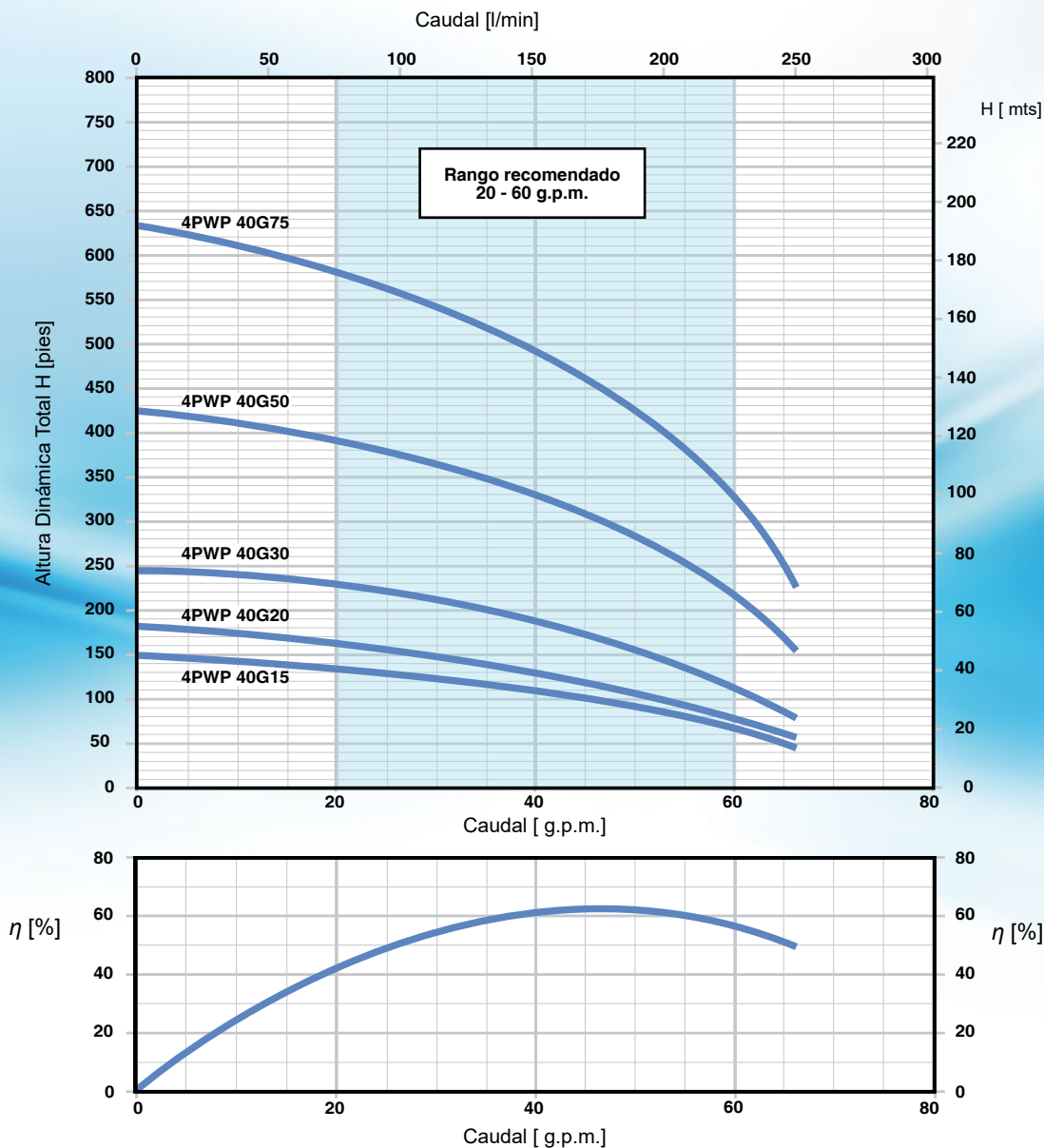


Tabla de Selección

MODELO	ETAPAS	MOTOR		Q = CAUDAL															HIDRAULICA														
				l/min	0	50	60	70	80	90	100	120	140	160	180	200	250	ALTURA			PESO												
		gpm	0	13.2	15.9	18.5	21.2	23.8	26.5	31.7	37.0	42.3	47.6	52.9	66.1																		
		KW		HP		H = ALTURA DINAMICA TOTAL EN METROS / PIES															mm	in	kgs	lbs									
m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m					ft								
4PWP 40G15	5	1.1	1.5	46	151	44	144	43	141	42	138	41	134	40	131	39	128	37	121	35	115	33	108	29	95	25	82	14	46	325	12.8	3.1	6.9
4PWP 40G20	6	1.5	2	55	180	51	167	50	164	49	161	48	157	47	154	47	154	45	148	42	138	38	125	35	115	30	98	17	56	356	14.0	3.4	7.5
4PWP 40G30	8	2.2	3	74	243	71	233	70	230	69	226	68	223	67	220	66	216	63	207	60	197	56	184	50	164	43	141	24	79	418	16.5	4.0	8.8
4PWP 40G50	14	3.7	5	129	423	123	403	121	397	118	387	116	380	115	377	113	371	108	354	103	338	97	318	90	295	81	266	48	157	604	23.8	5.7	12.6
4PWP 40G75	21	5.5	7.5	194	636	183	600	180	590	178	584	175	574	173	567	169	554	162	531	154	505	145	476	145	476	120	394	68	223	859	33.8	7.8	17.2

Rango HP: 1.5 - 7.5 HP

Rango de Operación Recomendado: 20 - 60 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	300	320	340	360	380	400				
4PWP 40G15	1.5	0					65	63	57	54	50	45	32.0	15																	
		20	64	60	58	52.5	48	43	34	27	20	12																			
		30	52.5	50	45.3	40	31	22	12	5																					
		40	42.5	38	30	22	12																								
		50	27.5	17	12																										
<b>Presión máx.PSI</b>		65	60.99	57	52	48	44	39	35	31	26	22	13	5																	
4PWP 40G20	2	0					66	63	58	56	53	43	34	22																	
		20	65.2	64	62	58.5	55.1	50	46	41	36	32	17																		
		30	57.5	55	52.5	47.5	44	38	34	28	22	12																			
		40	52.5	50	45	37	32	24	22	12																					
		50	42.5	37.5	32	27	17.5	12																							
<b>Presión máx.PSI</b>		78	74	69	65	61	56	52	48	43	39	35	26	17	9																
4PWP 40G30	3	0							66	64	62.5	57	53	43	42	35	10														
		20				65	64	62	58.5	57.5	55	53	47	40	32	25	5														
		30		66	62.5	60	58	57	55	53	43	42	38	31	20	5															
		40	62.5	60	57.5	55	52.5	50	47	45	42	37	30	17																	
		50	57.5	55	52.5	50	47.5	44	41	38	33	27	20																		
		60	51.5	48.5	45	42.5	37	35	30	25	17	10																			
<b>Presión máx.PSI</b>		105	101	96	92	88	83	79	75	70	66	62	53	44	36	27	18	1													
4PWP 40G50	5	0							66	64	62	58	56	53	50	46	42	37	32	23	16	5									
		20						66	61	58	55	52	49	45	41	37	30	21	15												
		30					66	63	57	56	52	48	44	40	34	27	18	5													
		40				65	62.5	61	55	52	47	43	38	33	26	22	5														
		50		66.5	65	62.5	60	57	51	47	43	38	33	26	22	5															
		60	66.5	65	62.5	56	53	50	46	42	37	32	23	16	5																
<b>Presión máx.PSI</b>		183	175	166	157	149	140	131	114	105	97	88	79	71	62	53	45	36	27	19	10	1									
4PWP 40G75	7.5	0											65.5	64.5	63	63	61	58	57	55	53	51	48	45	38	30	20				
		20											65.5	64	63	62	61	58	57	55	53	51	48	45	42	38	30	20	5		
		30											66.5	65	64	63	61.5	59	58	57	53	52	48	46	43	40	37	32	22	10	
		40											65	63.5	62.5	61.5	60	57.5	56.5	53	52	49	47	43	40	36	32	27	15		
		50											65.5	63.5	62.5	61	59	57	56	53	52	48	44	42	38	35	31	27	21.5	7.5	
		60											66	64.5	62.5	61.5	58	57	55	53	51	48	45	42	38	34	30	25	20	12.5	
<b>Presión máx.PSI</b>		275	267	258	250	241	232	224	206	198	189	180	172	163	154	146	137	128	120	111	102	94	85	76	59	42	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