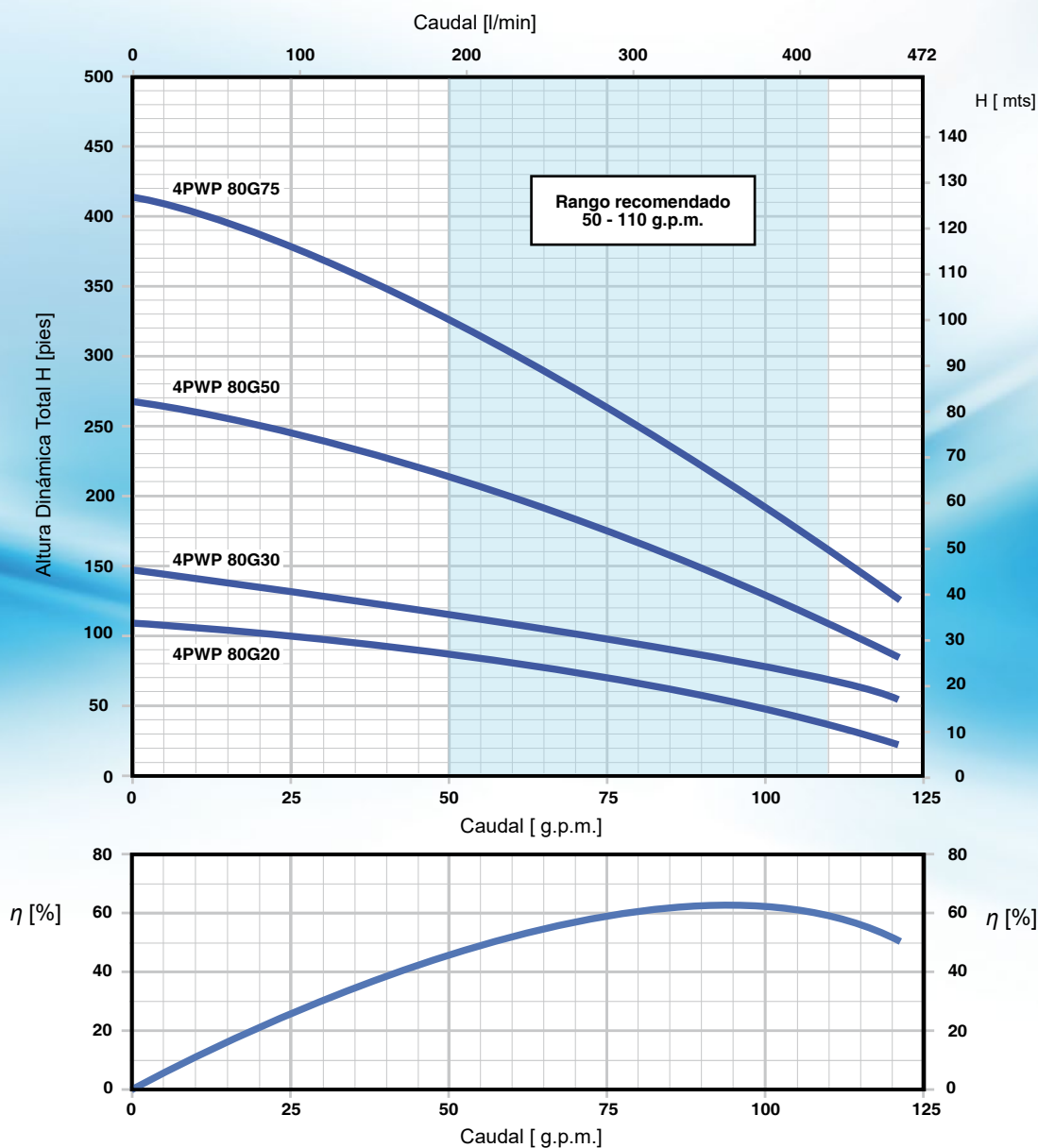


# Pearl®

## 4PWP 80

Curvas de Rendimiento a 3450 r.p.m.

2" DESCARGA



### Tabla de Selección

MODELO	ETAPAS	MOTOR		Q = CAUDAL																HIDRAULICA																	
				H = ALTURA DINAMICA TOTAL EN METROS / PIES																																	
		KW	HP	l/min		0		120		140		160		180		200		220		240		260		280		300		340		380		420		460		ALTURA	PESO
				gpm		0		31.7		37.0		42.3		47.6		52.9		58.2		63.5		68.8		74.1		79.4		89.9		100.5		111.1		121.7			
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	m	ft	m	ft	m	ft	mm	in	kgs	lbs		
4PWP 80G20	4	1.5	2	32	104	30	100	28	92	27	90	27	88	26	85	24	80	24	78	23	75	21	70	21	68	18	60	14	45	11	35	10	32	378	14.7	3.6	8
4PWP 80G30	5	2.2	3	45	148	39	128	38	125	37	121	36	118	35	115	34	112	33	108	32	105	31	102	29	95	27	89	25	82	20	66	17	56	472	18.6	4.4	9.7
4PWP 80G50	9	4	5	82	269	70	230	70	230	68	223	66	216	63	207	61	200	58	197	56	187	53	173	51	167	45	148	39	128	33	108	26	85	743	29.3	6.9	15.2
4PWP 80G75	14	5.5	7.5	126	413	110	361	107	351	104	341	101	331	97	318	93	305	89	292	85	279	80	262	76	249	67	220	62	203	48	157	38	125	1081	42.6	9.9	21.9

Rango HP: 3 - 7.5 HP

Rango de Operación Recomendado: 50 - 110 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	220	240	260	280	300	340	380	420	460	500		
4PWP 80G30	3	0							117.5	107.5	100	85	73	43	10														
		20	120	112.5	102.5	90	75	62.5	47.5	35	17.5	5																	
		30	100	87.5	75	55	45	30	10																				
<b>Presión máx.PSI</b>		63.9	60	55	51	47	42	38	34	29	25	21	12	3															

MODELO	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500		
4PWP 80G50	5	0					114.8	105.6	95	81.8	71.3	58.6	43.6	26.4	10.6														
		20			112.2	100.3	91.1	79.2	67.3	52.8	38.3	23.8	6.6																
		30		110.9	100.3	88.4	76.6	71.3	50.2	37	21.1																		
		40	109.6	97.7	87.1	76.6	62	48.8	34.3	19.8																			
		50	96.4	84.5	72.6	60.7	44.9	31.7	13.2																				
		60	81.8	71.3	59.4	46.2	30.4	11.9																					
<b>Presión máx.PSI</b>		116.5	108	99	91	82	73	65	56	47	39	30	21	13	4														

4PWP 80G75	7.5	0							117.5	110	102.5	96	90	83	75	68	60	52	43	34	25	10						
		20					115	109	102.5	95	88	82.5	74	66	57.5	50	42	32.5	22.5	7.5								
		30			120	115	107.5	102	95	86	80	72.5	62	56	47	39	30	20	5									
		40		119	112.5	107	100	92.5	85	78	70	63	55	46	37	26	17.5											
		50	119	112.5	108	98	92.5	85	77	70	63	55	45	36	25	12.5												
		60	108	105	97.5	94	90	80	65	60	52	43	34	30	12.5													
<b>Presión máx.PSI</b>		179	170	162	153	144	136	127	118	110	101	92	84	75	66	58	49	40	32	23	14	6						

\* 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