





JST



JST(B)



JST(C)

NEW / NUEVO

TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New EN733 standard centrifugal pump
- ▶ Patented design
- ▶ Both square motor & round motor available
- ▶ YE3 high efficient motor, with protection IP55 class F
- ▶ Pump case with anti-corrosive coating
- ▶ Impeller in stainless steel AISI 304 or cast iron
- ▶ Shaft in stainless steel AISI 304 or galvanized iron
- ▶ Galvanized counter flange with bolts, nuts and gaskets
- ▶ Quality NSK bearing, wear resistance mechanical seal
- ▶ Nuevas bombas centrifugas según norma EN733
- ▶ Diseño original de PURITY (Patentado)
- ▶ Motor redondo y cuadrado disponible
- ▶ Motor de eficiencia YE3 con Protección IP55 clase F
- ▶ Cuerpo de bomba con tratamiento anti-corrosión
- ▶ Impulsor en inox AISI304 o fundición
- ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
- ▶ Contrabridas galvanizadas con pernos, tuercas y empaques
- ▶ Rodamiento de marca NSK y cierre mecánico personalizado

APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Las Bombas centrífugas según EN733 diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contraincendio, irrigación, industria, circulación del agua, agricultura.

USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

Temperatura del líquido de -10 °C hasta +120 °C

Temperatura ambiente hasta +50 °C

Presión máxima en el cuerpo de la bomba 16 bar

Funcionamiento continuo S1

PATENTS / PATENTES

Registered model PST

Registered Patent Design n° 201530478502.0

Registrado modelo PST

Registrado patente diseño n° 201530478502.0

STANDARD IMPELLER MATERIAL/MATERIAL ESTÁNDAR DEL IMPULSOR

DISCHARGE SIZE TAMAÑO DE DESCARGA	IMPELLER SIZE TAMAÑO DEL IMPULSOR						
	125	160	200	250	250D	315	400
32	SS304/Inox 304	SS304/Inox 304	SS304/Inox 304	Cast iron/Fundición	SS304/Inox 304		
40	Cast iron/Fundición	Cast iron/Fundición	SS304/Inox 304	Cast iron/Fundición	/		
50	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	/		
65	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	
80	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
100		Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
125			Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
150			Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
200				Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
250					/	Cast iron/Fundición	Cast iron/Fundición

TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=1450 1/min

MODEL MODELO	Power Potencia		us gpm l/min m³/h	Q=DELIVERY / CAUDAL																	DN	
				0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881		1101
				0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333		4166
				0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200		250
65-160/11	•	1.1	1.5	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4								80x65	
65-160/15	•	1.5	2	9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6								80x65	
65-160/22	•	2.2	3	10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5							80x65	
65-200/15	•	1.5	2	10			9.6	9.1	8.5	8.2	7.6	6.4	4.6								80x65	
65-200/22	•	2.2	3	12.4			12.2	11.8	11.3	11	10.4	9.3	7.6								80x65	
65-200/30	•	3	4	14.4			14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5							80x65	
65-250/30	•	3	4	15.4			14.6	13.9	13.1	12.6	11.6	9.7	6.7								80x65	
65-250/40	•	4	5.5	19			18.3	17.8	17.2	16.9	16.1	14.4	11.7								80x65	
65-250/55	•	5.5	7.5	22.3			21.3	20.9	20.3	19.9	19.2	17.7	15.1	12							80x65	
65-315/40	•	4	5.5	18.6			17.9	17.3	16.7	16.2	15.2	13.3									80x65	
65-315/55	•	5.5	7.5	22.1				21.2	20.6	20.2	19.2	17.3	14								80x65	
65-315/75	•	7.5	10	26.5				25.6	25.2	24.9	24.3	23	20.8	17.6							80x65	
65-315/110	•	11	15	34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7				80x65	
80-160/15	•	1.5	2	7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5					100x80	
80-160/22	•	2.2	3	8.5						8.6	8.4	8	7.4	6.6	6.2	5.7	5				100x80	
80-200/30	•	3	4	11.2						11	10.7	10.1	9.2	8	7.3	6.6					100x80	
80-200/40	•	4	5.5	13.8						13.8	13.6	13.3	12.4	11.3	10.7	10	9				100x80	
80-250/40	•	4	5.5	16.5						16	15.6	14.8	13.2	11.4	10.2	9					100x80	
80-250/55	•	5.5	7.5	19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1				100x80	
80-250/75	•	7.5	10	23.6						23.5	23.2	22.5	21.3	19.9	19	18.1	16				100x80	
80-250/110	•	11	15	27.6						27.5	27.2	26.5	25.3	23.9	23	22.1	20	15			100x80	
80-315/55	•	5.5	7.5	19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1				100x80	
80-315/75	•	7.5	10	24.6						23.9	23.6	23	21.9	20.4	19.5	18.6	16.3				100x80	
80-315/110	•	11	15	29.9						29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5		100x80	
80-315/150	•	15	20	36.8						36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23		100x80	
80-400/185	•	18.5	25	40.3						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5		100x80	
80-400/220	•	22	30	45.1						44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7		100x80	
80-400/300	•	30	40	55.1						54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2		100x80	
100-160/22	•	2.2	3	5.9						5.8	5.7	5.5	5.3	5	4.9	4.6	4.3				125x100	
100-160/30	•	3	4	8.2						8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1			125x100	
100-160/40	•	4	5.5	10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3		125x100	
100-200/40	•	4	5.5	11.8						11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9		125x100	
100-200/55	•	5.5	7.5	14.8						14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3		125x100	
100-250/55	•	5.5	7.5	15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9		125x100	
100-250/75	•	7.5	10	19.5						19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7		125x100	
100-250/110	•	11	15	24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4	125x100	
100-250/150	•	15	20	27.8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9	125x100	
100-315/150	•	15	20	29.9							29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8	125x100	
100-315/185	•	18.5	25	35							34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4	125x100	
100-315/220	•	22	30	37							36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6	125x100	
100-315/300	•	30	40	42							41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6	125x100	
100-400/300	•	30	40	46.4								46	46	46	46	45	44	42	40	29.6	125x100	
100-400/370	•	37	50	51.8								51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3	125x100	
100-400/450	•	45	60	57.1								56.7	56.4	56.1	56	56	55	53	52	45	32.1	125x100

* =PS4 available/disponible

TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=1450 1/min

MODEL MODELO	Power Potencia		us gpm l/min m³/h	Q=DELIVERY / CAUDAL																	DN
				0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
				0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000	
				0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	
	kw	hp		11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9						150x125
125-200/55	•	5.5	7.5																		150x125
125-200/75	•	7.5	10																		150x125
125-200/110	•	11	15																		150x125
125-250/75	•	7.5	10																		150x125
125-250/110	•	11	15																		150x125
125-250/150	•	15	20																		150x125
125-250/185	•	18.5	25																		150x125
125-315/185	•	18.5	25																		150x125
125-315/220	•	22	30																		150x125
125-315/300	•	30	40																		150x125
125-315/370	•	37	50																		150x125
125-400/220	•	22	30																		150x125
125-400/300	•	30	40																		150x125
125-400/370	•	37	50																		150x125
125-400/450	•	45	60																		150x125
125-400/550	•	55	75																		150x125
150-200/110	•	11	15																		200x150
150-200/150	•	15	20																		200x150
150-200/185	•	18.5	25																		200x150
150-250/150	•	15	20																		200x150
150-250/185	•	18.5	25																		200x150
150-250/220	•	22	30																		200x150
150-250/300	•	30	40																		200x150
150-315/300	•	30	40																		200x150
150-315/370	•	37	50																		200x150
150-315/450	•	45	60																		200x150
150-315/550	•	55	75																		200x150
150-315/750	•	75	100																		200x150
150-400/550	•	55	75																		200x150
150-400/750	•	75	100																		200x150
150-400/900	•	90	125																		200x150
150-400/1100	•	110	150																		200x150

TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=1450 1/min

MODEL MODELO	Power Potencia		us gpm l/min m³/h	Q=DELIVERY / CAUDAL																	DN mm		
				0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881		1101	
				0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333		4166	
	kw	hp		0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200		250	
65-160/11	•	1.1	1.5	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4									80x65	
65-160/15	•	1.5	2	9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6									80x65	
65-160/22	•	2.2	3	10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5								80x65	
65-200/15	•	1.5	2	10			9.6	9.1	8.5	8.2	7.6	6.4	4.6									80x65	
65-200/22	•	2.2	3	12.4			12.2	11.8	11.3	11	10.4	9.3	7.6									80x65	
65-200/30	•	3	4	14.4			14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5								80x65	
65-250/30	•	3	4	15.4			14.6	13.9	13.1	12.6	11.6	9.7	6.7									80x65	
65-250/40	•	4	5.5	19			18.3	17.8	17.2	16.9	16.1	14.4	11.7									80x65	
65-250/55	•	5.5	7.5	22.3			21.3	20.9	20.3	19.9	19.2	17.7	15.1	12								80x65	
65-315/40	•	4	5.5	18.6			17.9	17.3	16.7	16.2	15.2	13.3										80x65	
65-315/55	•	5.5	7.5	22.1				21.2	20.6	20.2	19.2	17.3	14									80x65	
65-315/75	•	7.5	10	26.5				25.6	25.2	24.9	24.3	23	20.8	17.6								80x65	
65-315/110	•	11	15	34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7					80x65	
80-160/15	•	1.5	2	7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80	
80-160/22	•	2.2	3	8.5						8.6	8.4	8	7.4	6.6	6.2	5.7	5					100x80	
80-200/30	•	3	4	11.2						11	10.7	10.1	9.2	8	7.3	6.6						100x80	
80-200/40	•	4	5.5	13.8						13.8	13.6	13.3	12.4	11.3	10.7	10	9					100x80	
80-250/40	•	4	5.5	16.5						16	15.6	14.8	13.2	11.4	10.2	9						100x80	
80-250/55	•	5.5	7.5	19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1					100x80	
80-250/75	•	7.5	10	23.6						23.5	23.2	22.5	21.3	19.9	19	18.1	16					100x80	
80-250/110	•	11	15	27.6						27.5	27.2	26.5	25.3	23.9	23	22.1	20	15				100x80	
80-315/55	•	5.5	7.5	19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80	
80-315/75	•	7.5	10	24.6						23.9	23.6	23	21.9	20.4	19.5	18.6	16.3					100x80	
80-315/110	•	11	15	29.9						29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5			100x80	
80-315/150	•	15	20	36.8						36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23			100x80	
80-400/185	•	18.5	25	40.3						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5			100x80	
80-400/220	•	22	30	45.1						44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7			100x80	
80-400/300	•	30	40	55.1						54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2			100x80	
100-160/22	•	2.2	3	5.9						5.8	5.7	5.5	5.3	5	4.9	4.6	4.3					125x100	
100-160/30	•	3	4	8.2						8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1				125x100	
100-160/40	•	4	5.5	10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3			125x100	
100-200/40	•	4	5.5	11.8						11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9			125x100	
100-200/55	•	5.5	7.5	14.8						14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3			125x100	
100-250/55	•	5.5	7.5	15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9			125x100	
100-250/75	•	7.5	10	19.5						19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7			125x100	
100-250/110	•	11	15	24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4		125x100	
100-250/150	•	15	20	27.8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9		125x100	
100-315/150	•	15	20	29.9							29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8		125x100	
100-315/185	•	18.5	25	35							34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4		125x100	
100-315/220	•	22	30	37							36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6		125x100	
100-315/300	•	30	40	42							41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6		125x100	
100-400/300	•	30	40	46.4								46	46	46	46	45	44	42	40	29.6		125x100	
100-400/370	•	37	50	51.8								51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3		125x100	
100-400/450	•	45	60	57.1									56.7	56.4	56.1	56	56	55	53	52	45	32.1	125x100

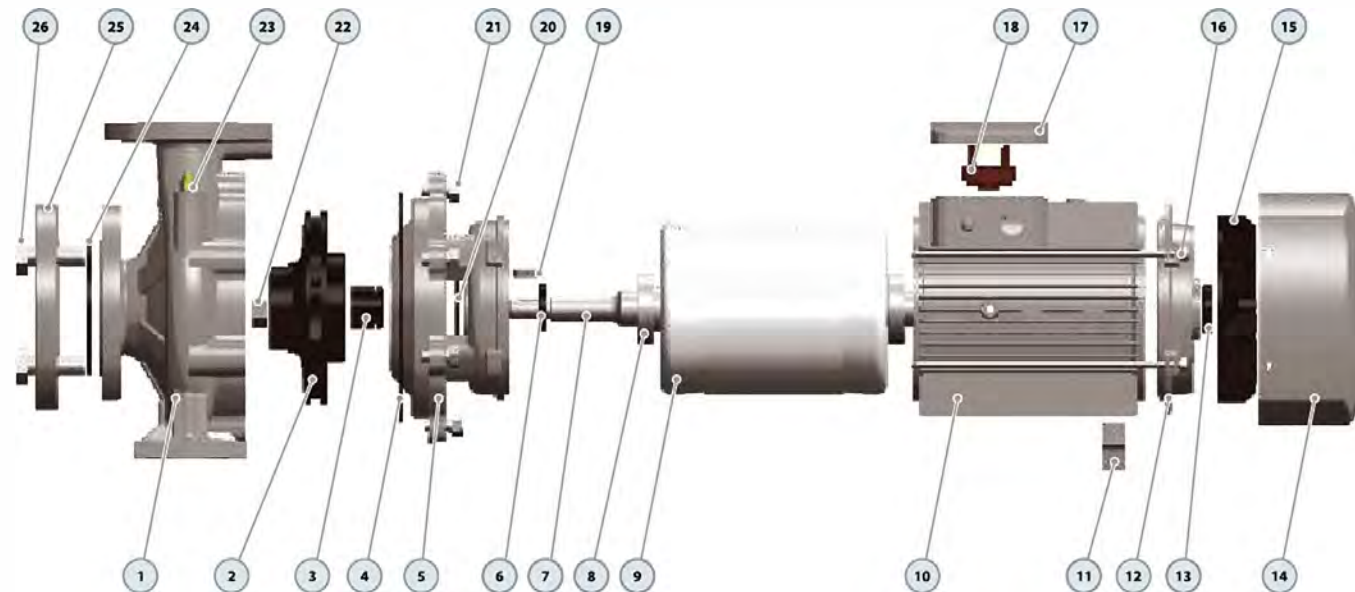
°=PS4 available/disponible

TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=1450 1/min

MODEL MODELO	Power Potencia		us gpm l/min m³/h	Q=DELIVERY / CAUDAL																	DN
				0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
				0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000	
	kw	hp		0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	mm
125-200/55	5.5	7.5	H(m)	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9						150x125
125-200/75	7.5	10		14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6						150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8					150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1							150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	15.3	11.7					150x125
125-250/150	15	20		23.2					23.3	23.1	23	22.9	22	22	19.8	16.5	12.3				150x125
125-250/185	18.5	25		25.6					25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5				150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	23.3	19.7	14.9				150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4				150x125
125-315/300	30	40		35.6							35.4	35.3	34.8	34.6	32.9	30.1	26.1				150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8			150x125
125-400/220	22	30		33.4						32.8	32.5	32.1	30.5	29.7	24.7	17.3					150x125
125-400/300	30	40		41						41	40.5	40.3	39.2	38.6	34.4	27.5	18.3				150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5				150x125
125-400/450	45	60		51.4						51	50.9	50.8	50.1	49.8	47	42.2	34.8				150x125
125-400/550	55	75		56.5						56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7			150x125
150-200/110	11	15		14								13.5	13.4	13.3	13.1	12.9	11.7	7.8			200x150
150-200/150	15	20		16.3								15.5	15.3	15.2	14.8	14.3	13.5	11.1			200x150
150-200/185	18.5	25		18.3								17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5										16.8	15.9	14.7	13.2	9.2			200x150
150-250/185	18.5	25		21.3										20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24										23.6	23	22	20.8	17.1	12		200x150
150-250/300	30	40		25.5										25	24.5	23.5	22	18.8	13.8		200x150
150-315/300	30	40		30.2										29.7	29	27.9	26.4	22.3			200x150
150-315/370	37	50	33.6										33.5	32.7	31.7	30.4	26.7	21.4		200x150	
150-315/450	45	60	37.7										37.6	36.9	35.9	34.7	31.3	26.5		200x150	
150-315/550	55	75	40										40	39.3	38.4	37.2	33.9	29.4		200x150	
150-315/750	75	100	45										45	44.3	43.4	42.2	38.9	34.4	27	200x150	
150-400/550	55	75	48.2										47.7	48	46	45	42	36.8	29.2	200x150	
150-400/750	75	100	55.4										55	55	54	53	51	47	41	32.2	200x150
150-400/900	90	125	59.5										59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150	65.5										65	65	64	63	62	58	52	43.7	200x150

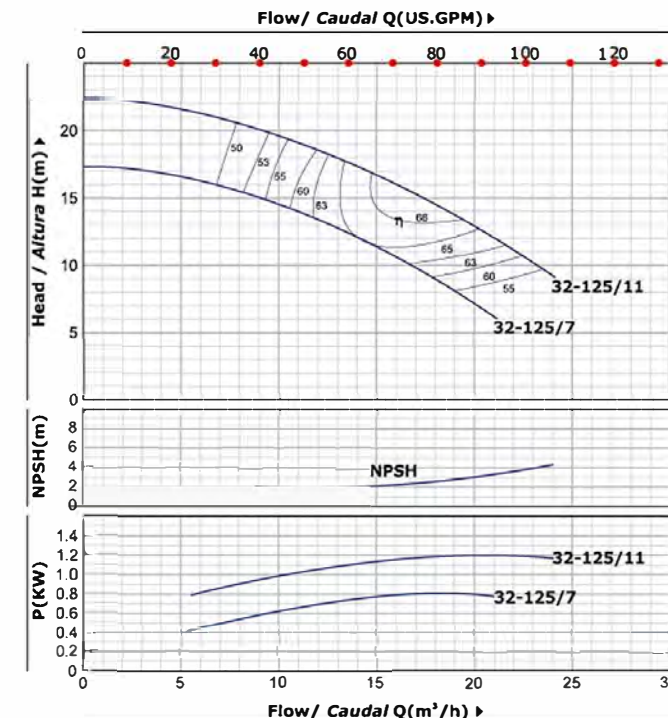
MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



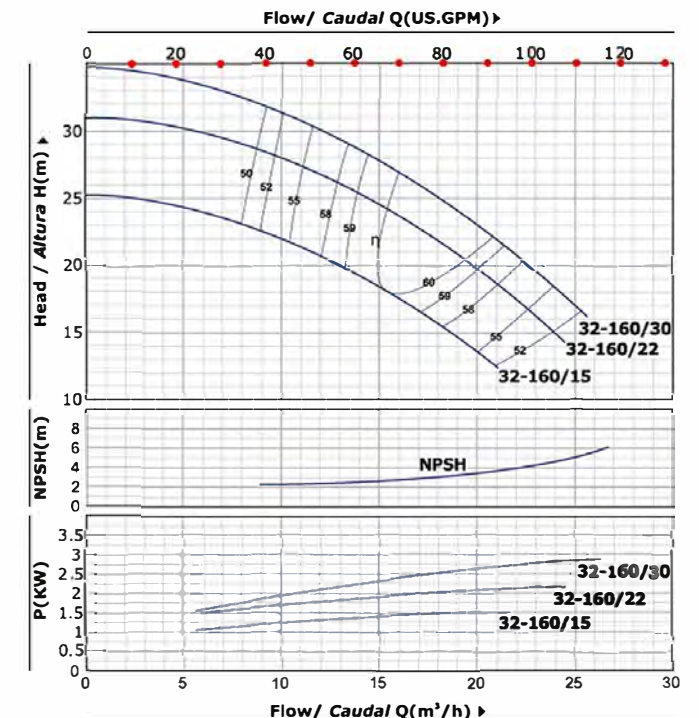
No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bombas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bombas	Plastic Plástico			

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

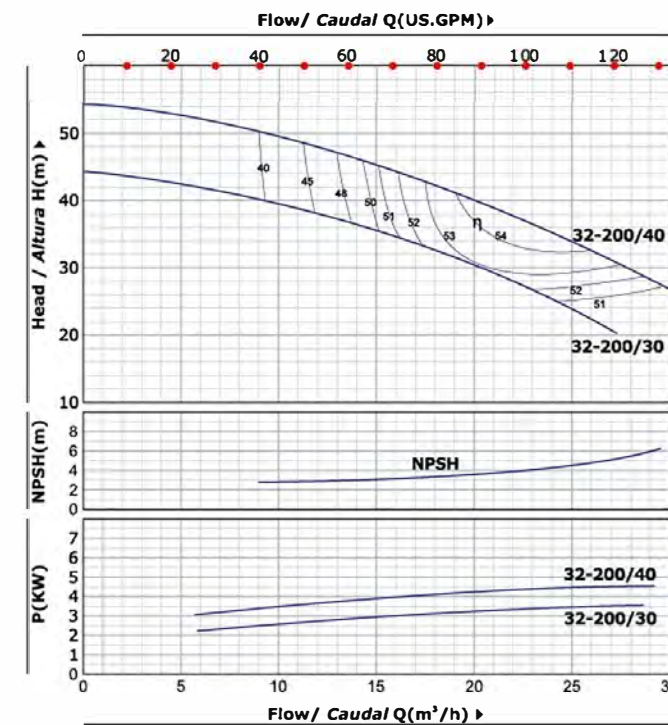
50 Hz n=2900 1/min



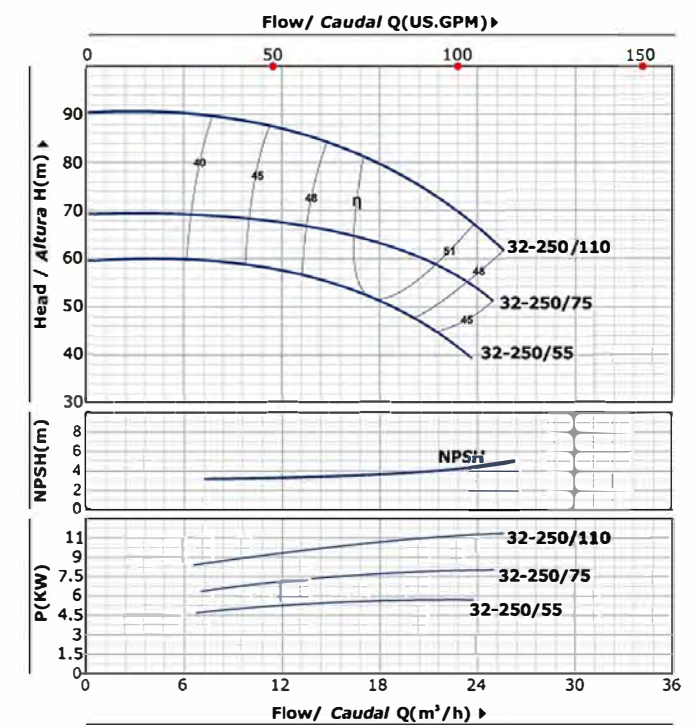
32-125



32-160



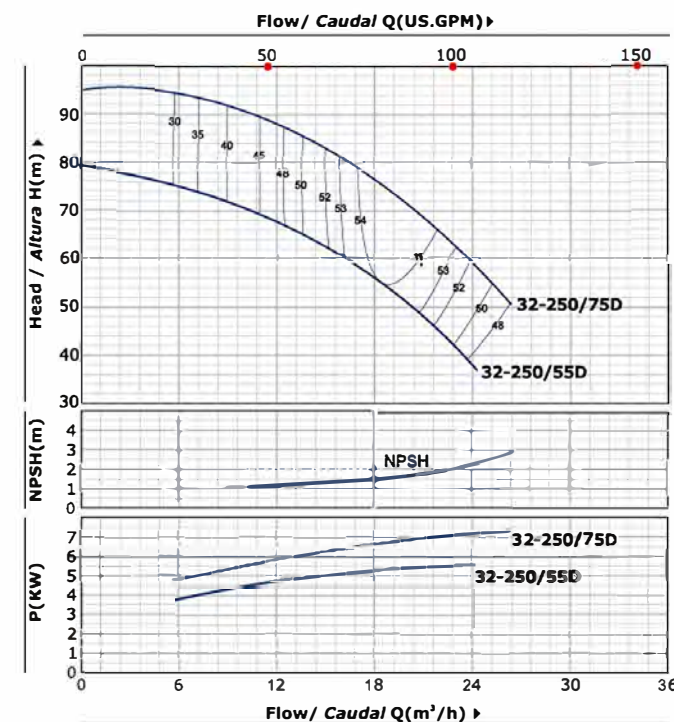
32-200



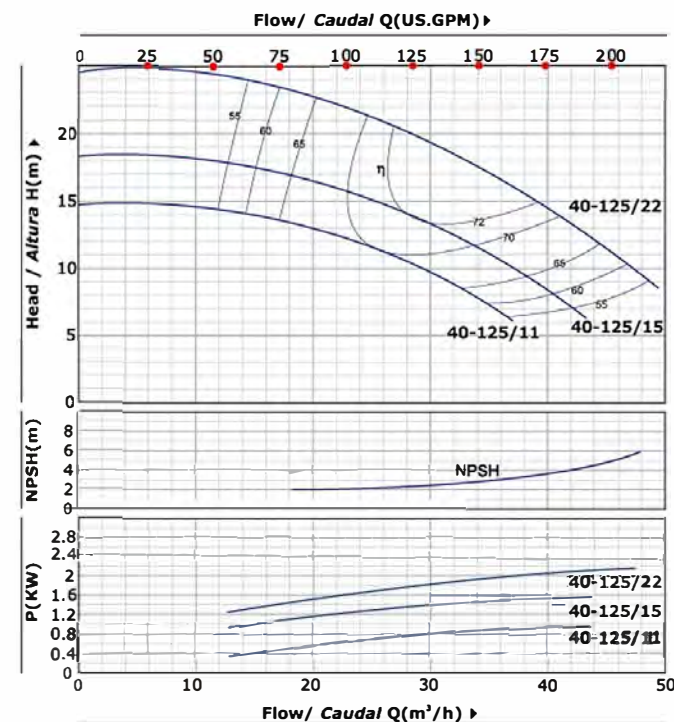
32-250

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



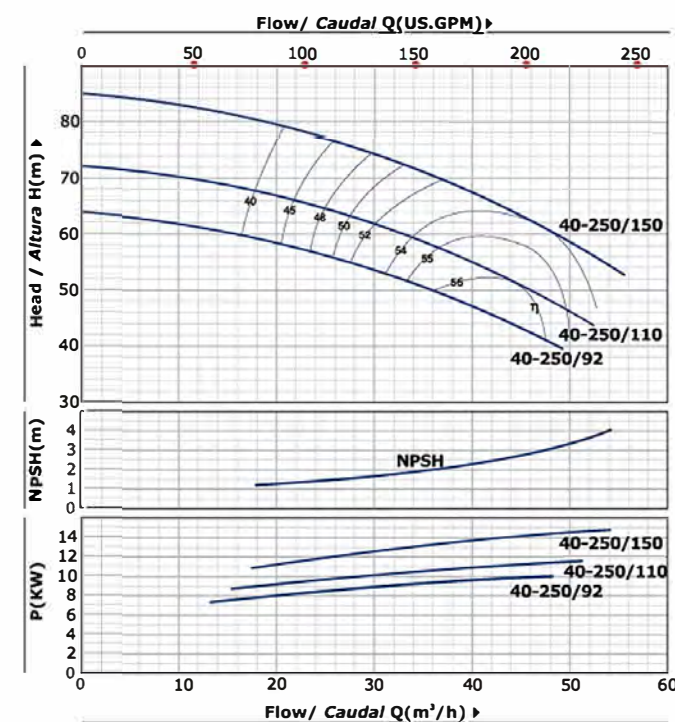
32-250D



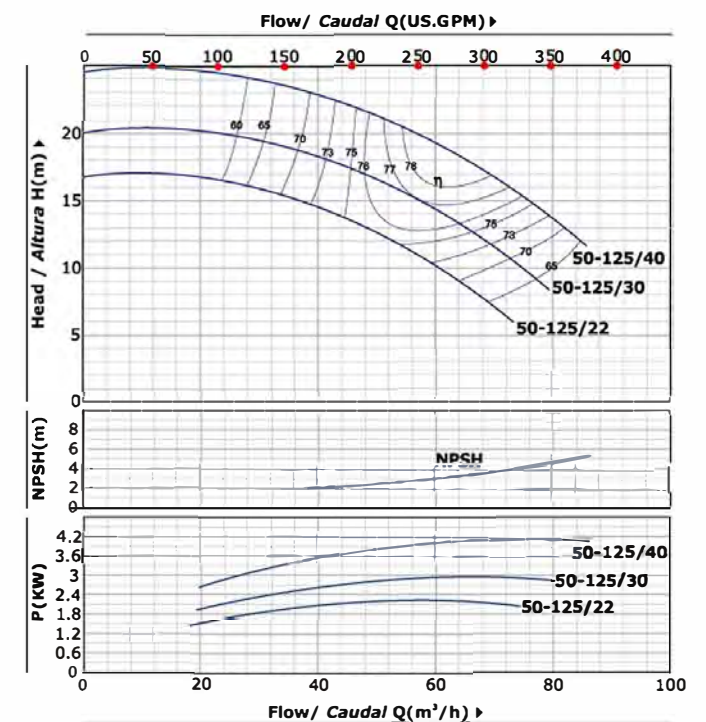
40-125

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

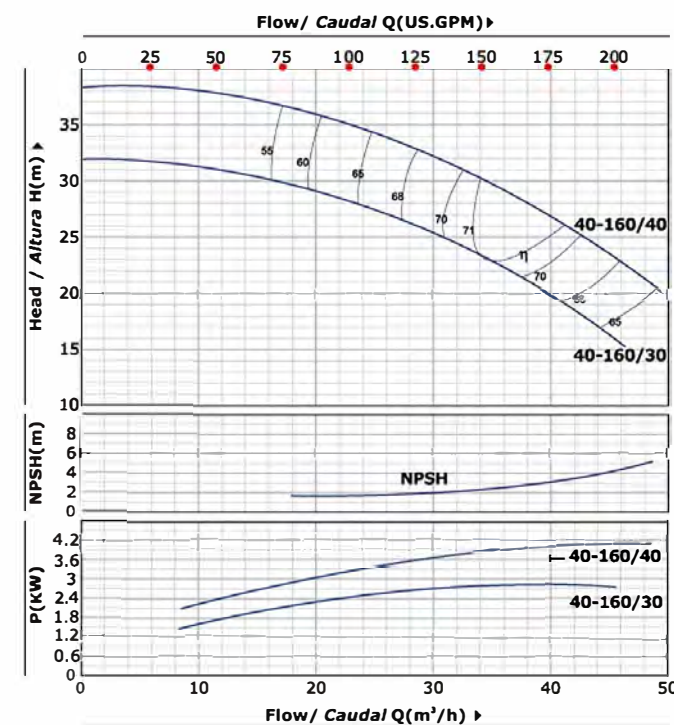
50 Hz n=2900 1/min



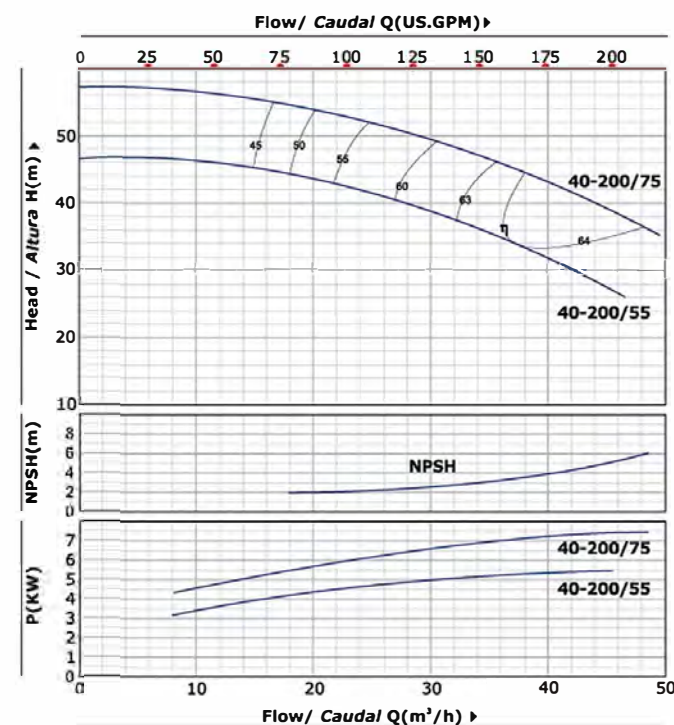
40-250



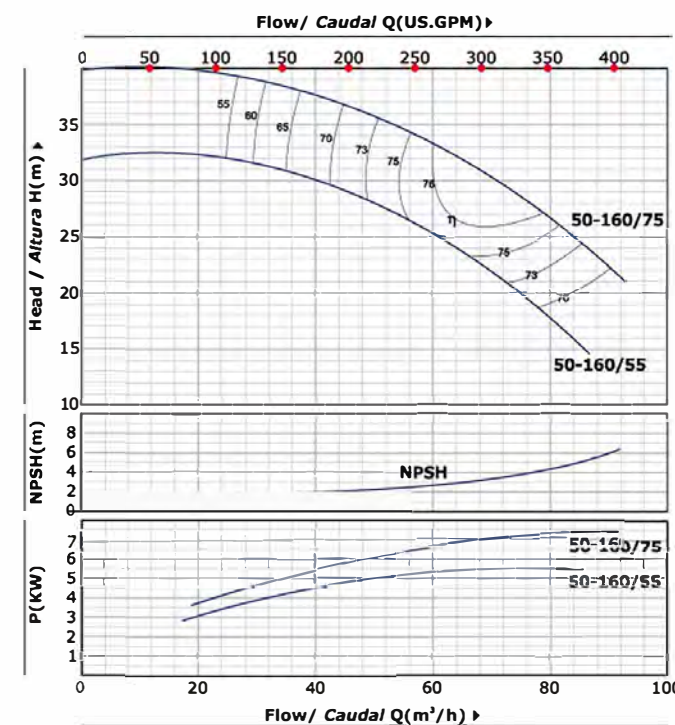
50-125



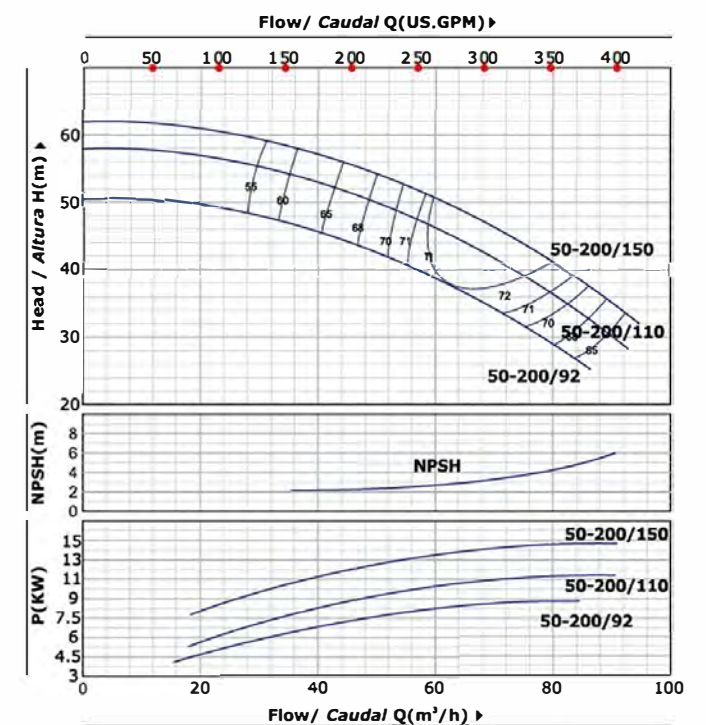
40-160



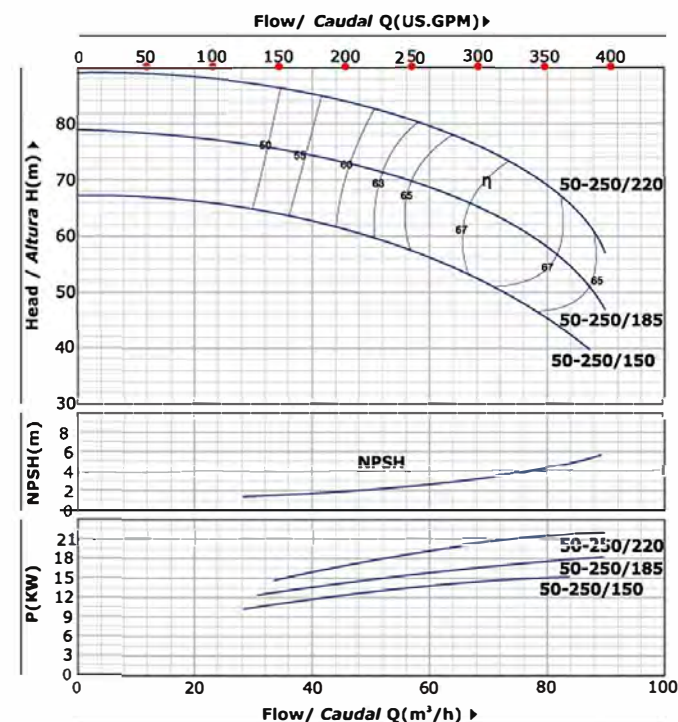
40-200



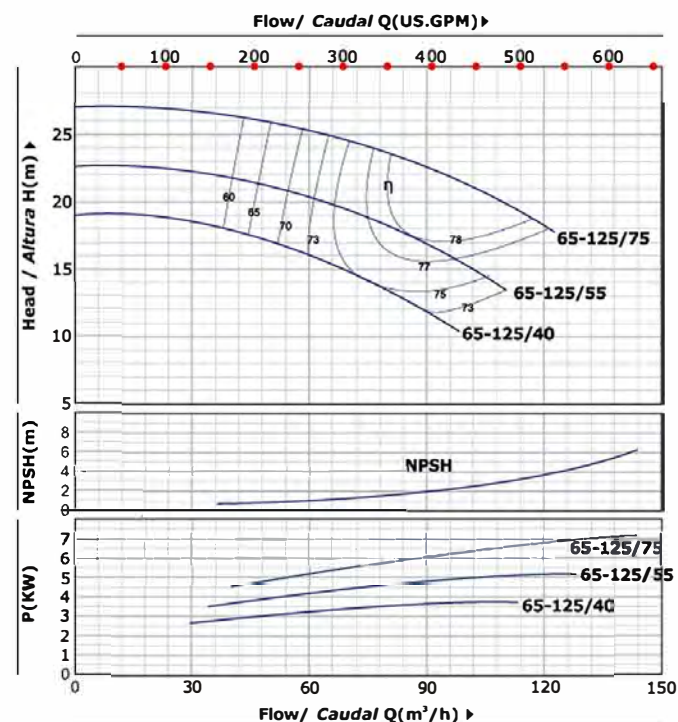
50-160



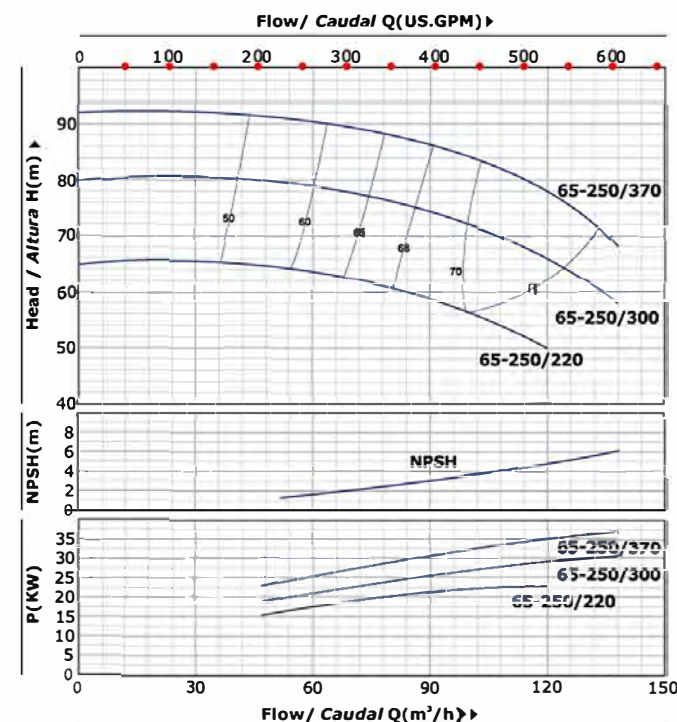
50-200



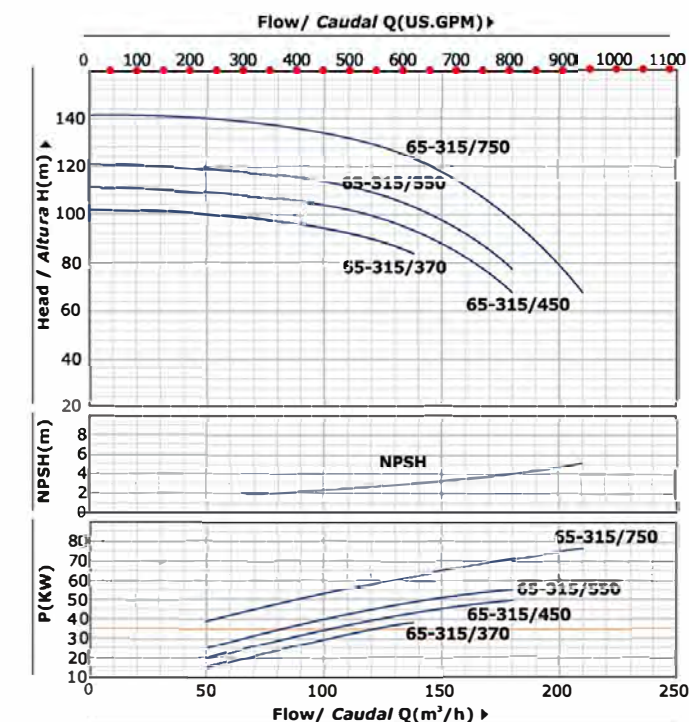
50-250



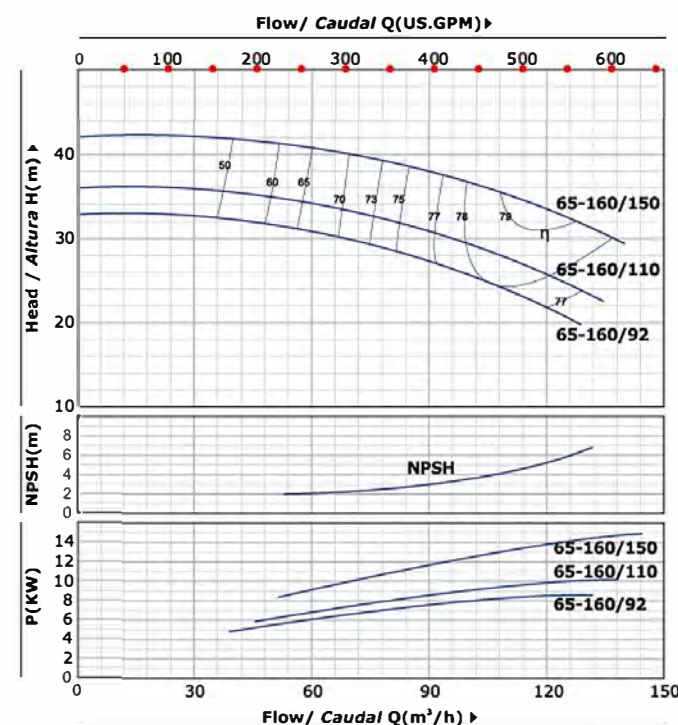
65-125



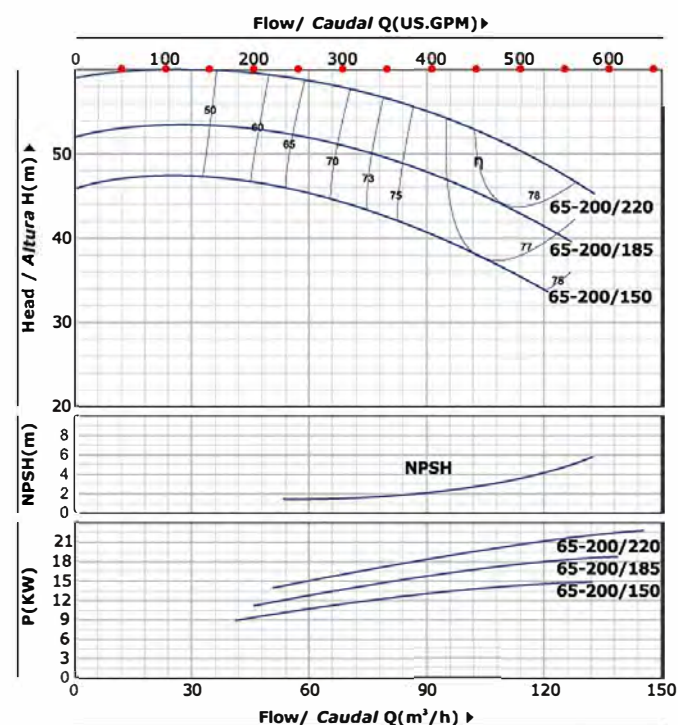
65-250



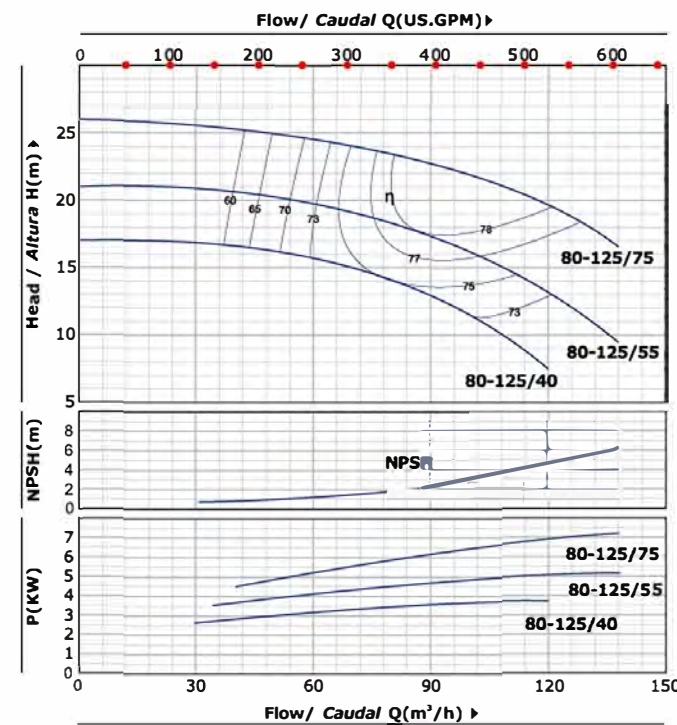
65-315



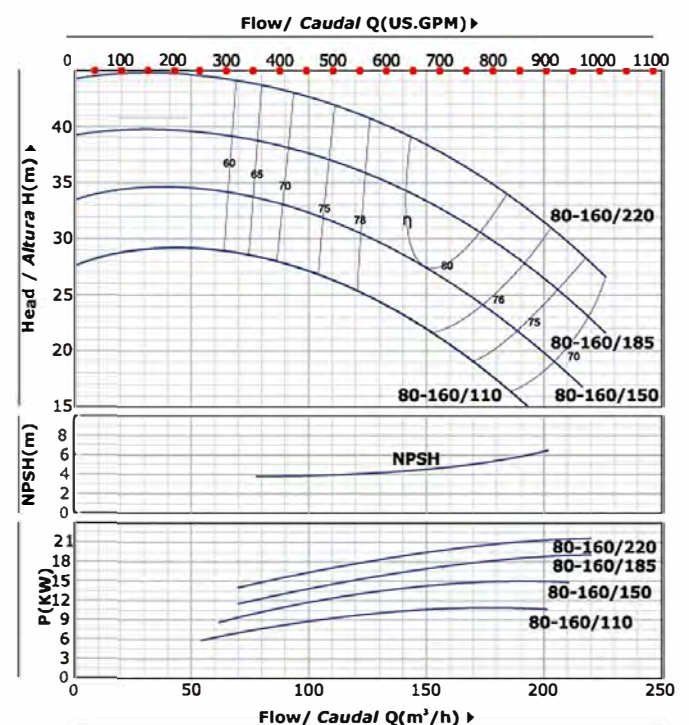
65-160



65-200



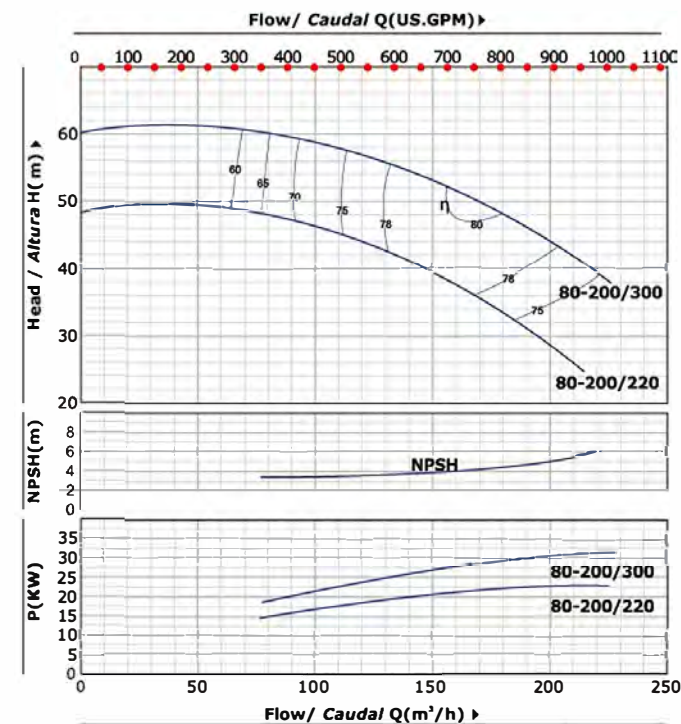
80-125



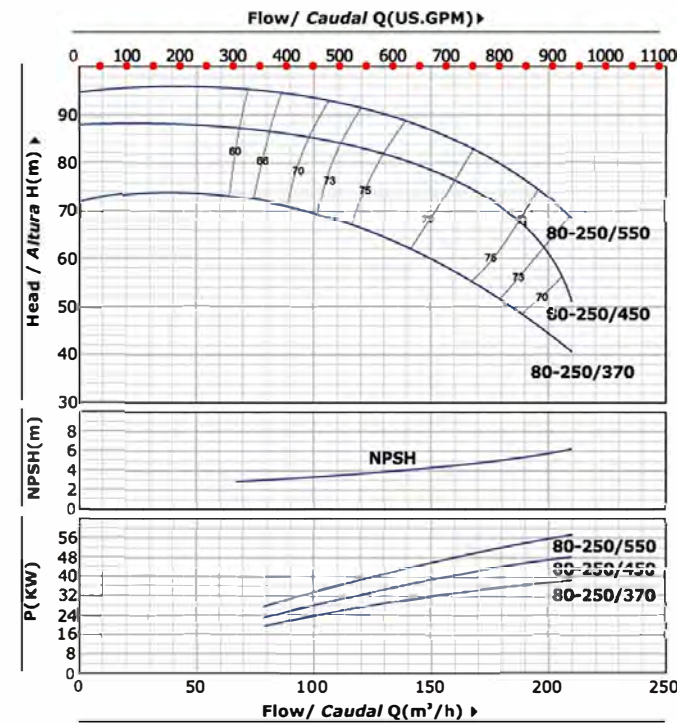
80-160

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



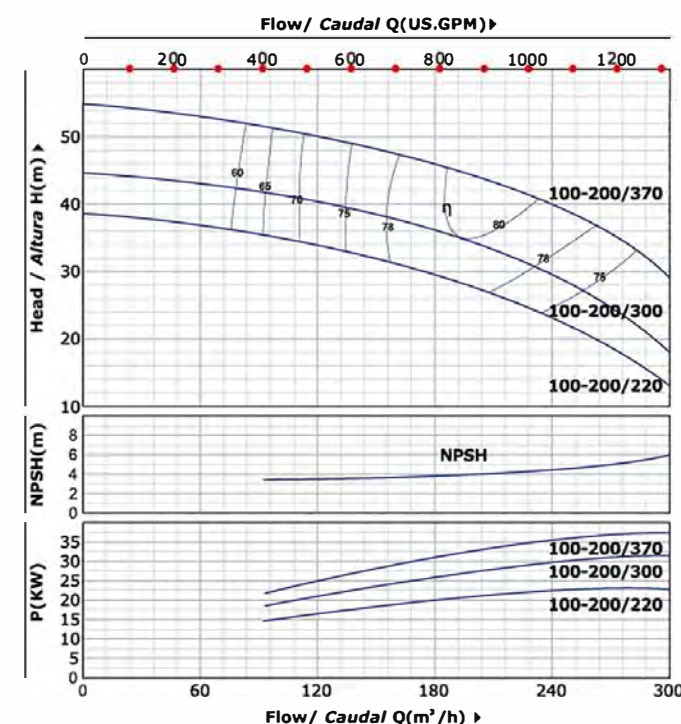
80-200



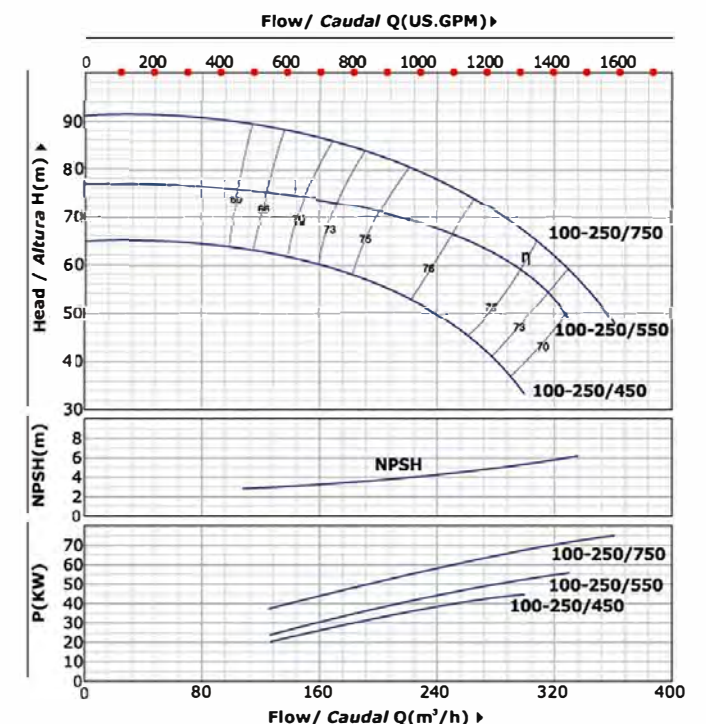
80-250

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

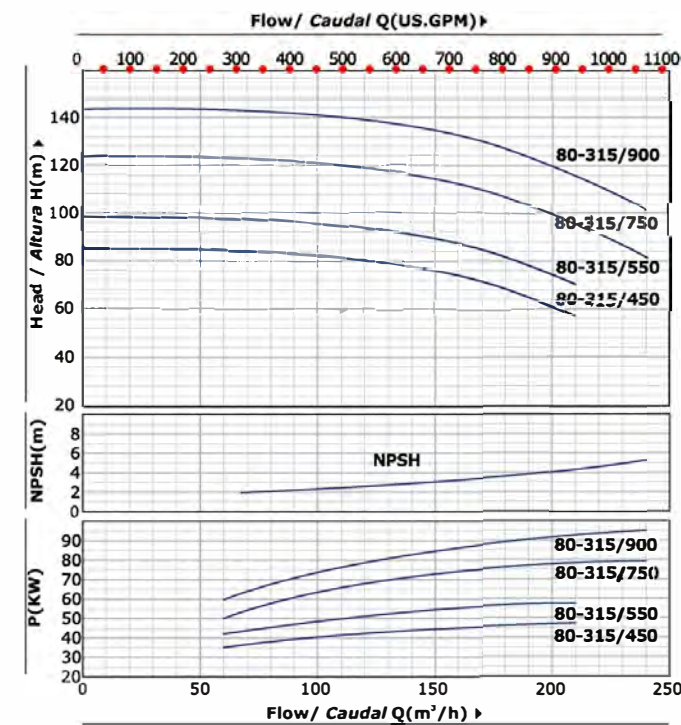
50 Hz n=2900 1/min



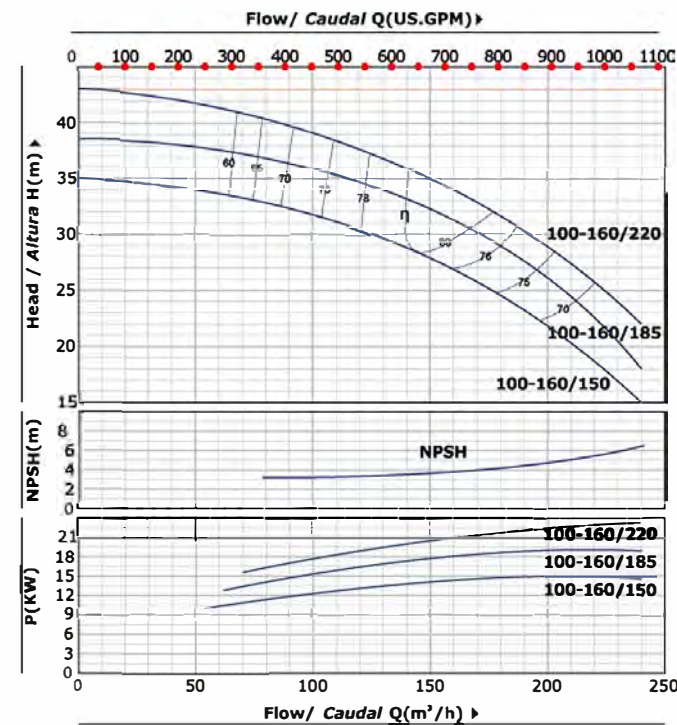
100-200



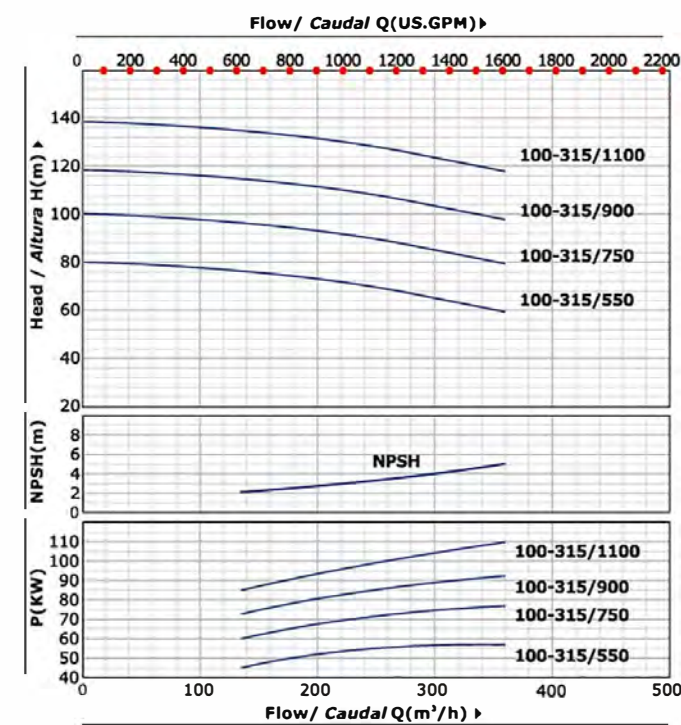
100-250



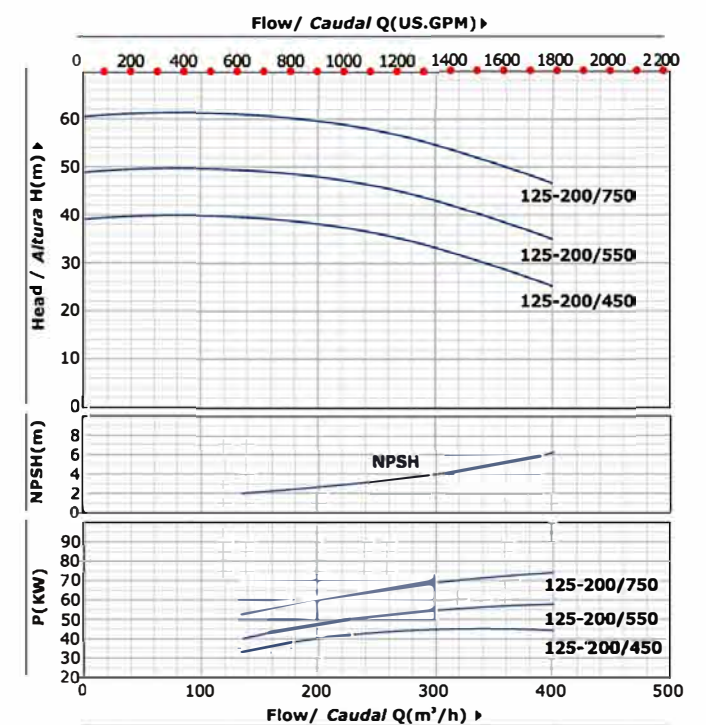
80-315



100-160



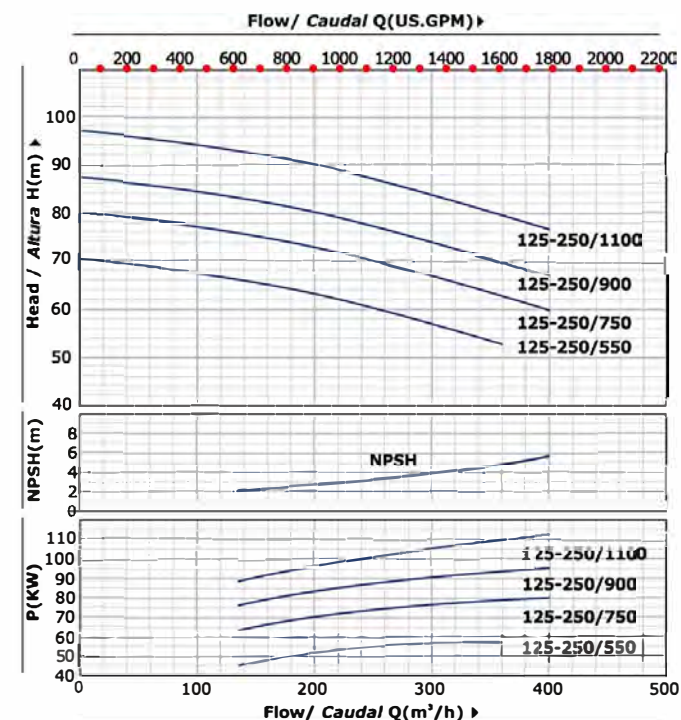
100-315



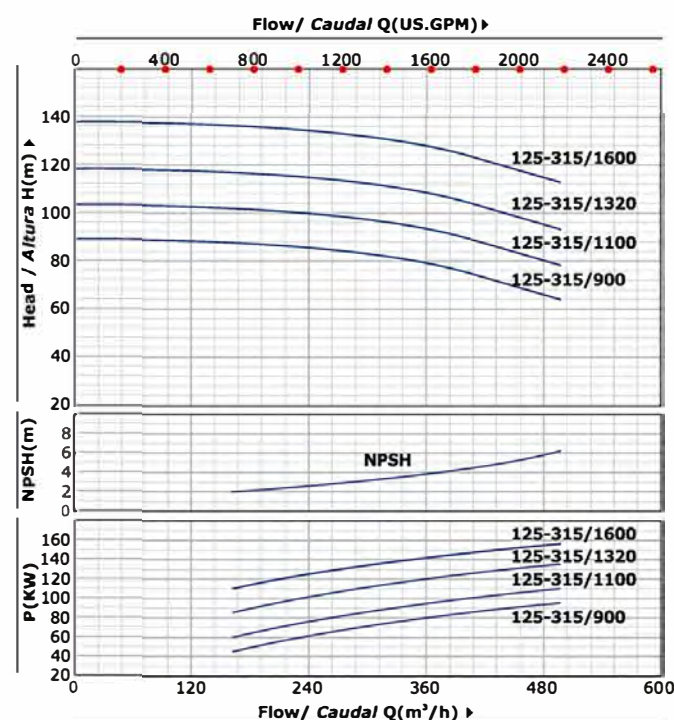
125-200

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



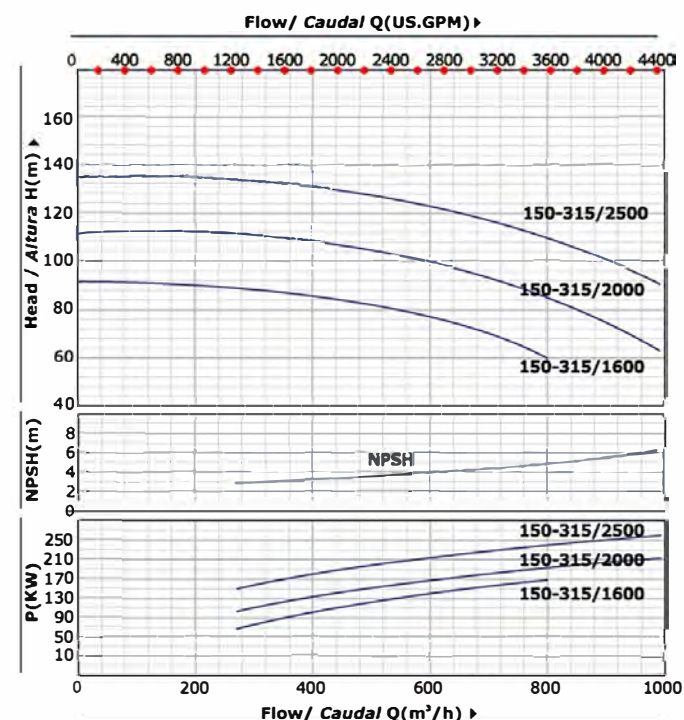
125-250



125-315

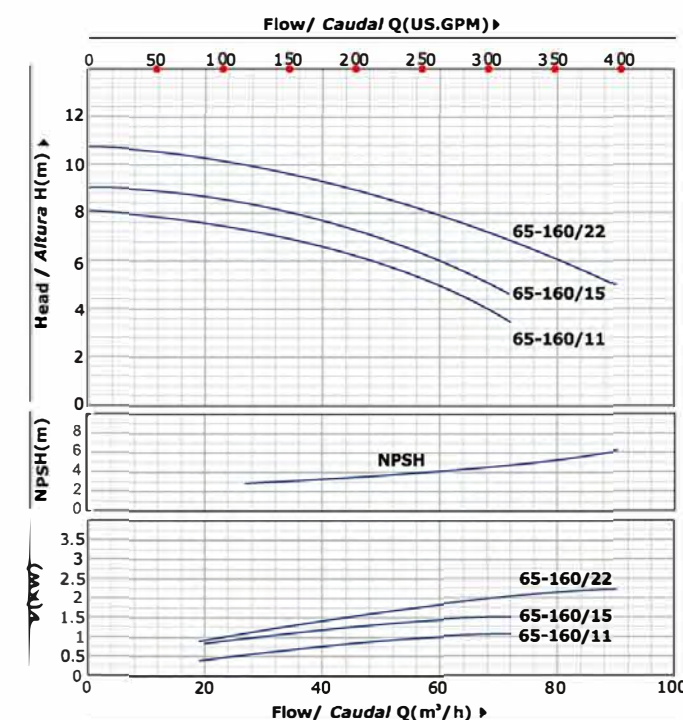
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



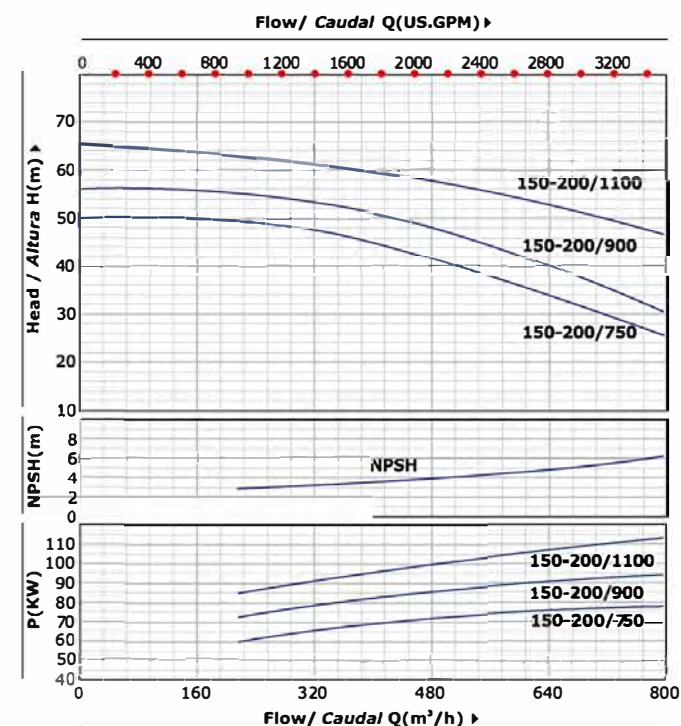
150-315

50 Hz n=1450 1/min

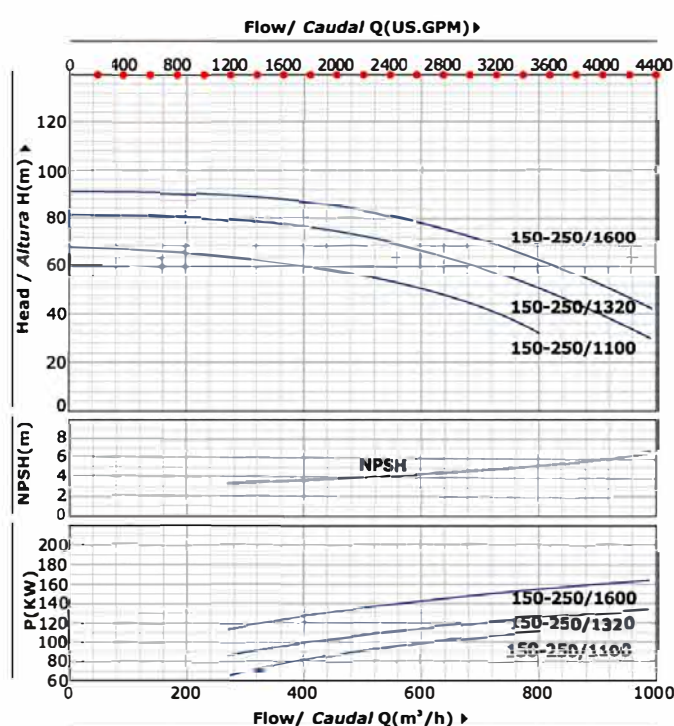


PS4 65-160

50 Hz n=1450 1/min

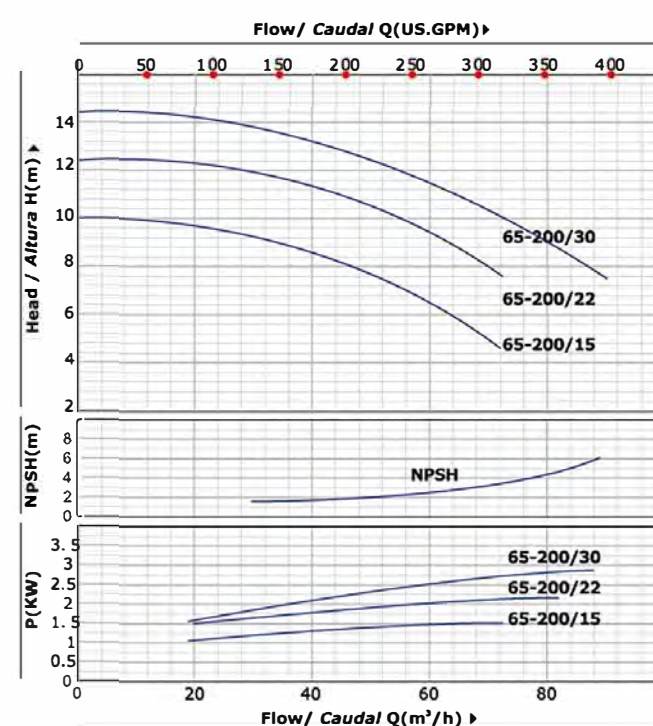


150-200

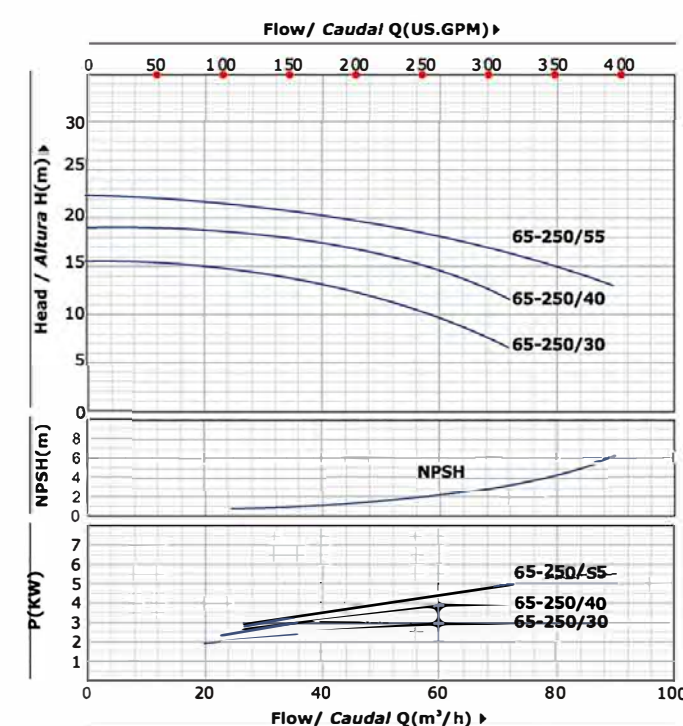


150-250

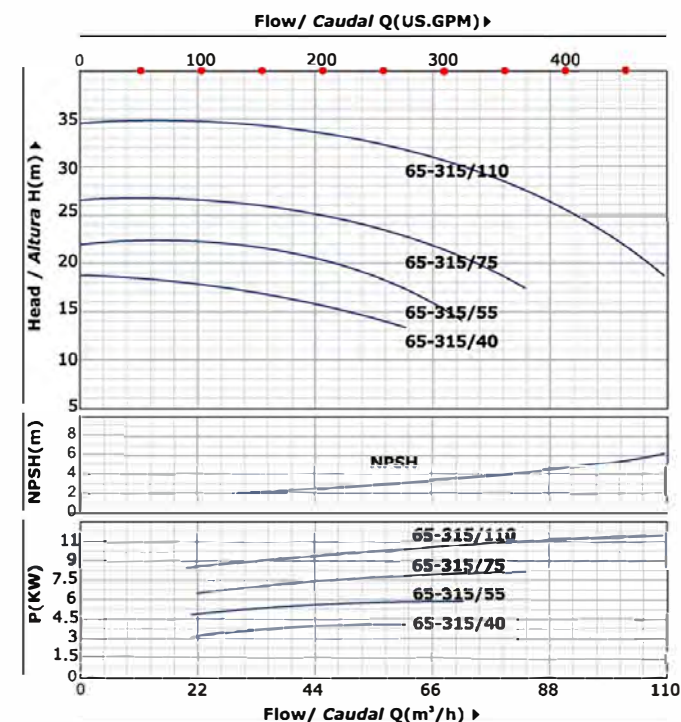
50 Hz n=1450 1/min



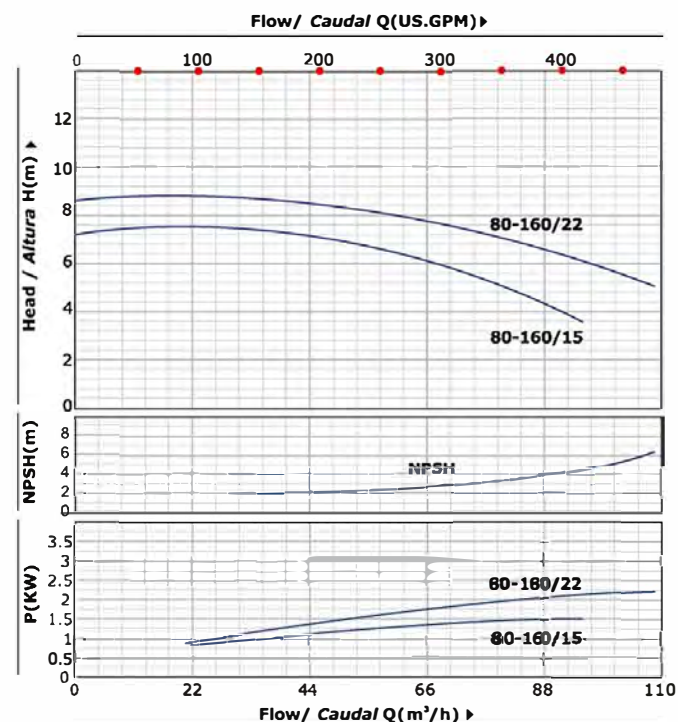
PS4 65-200



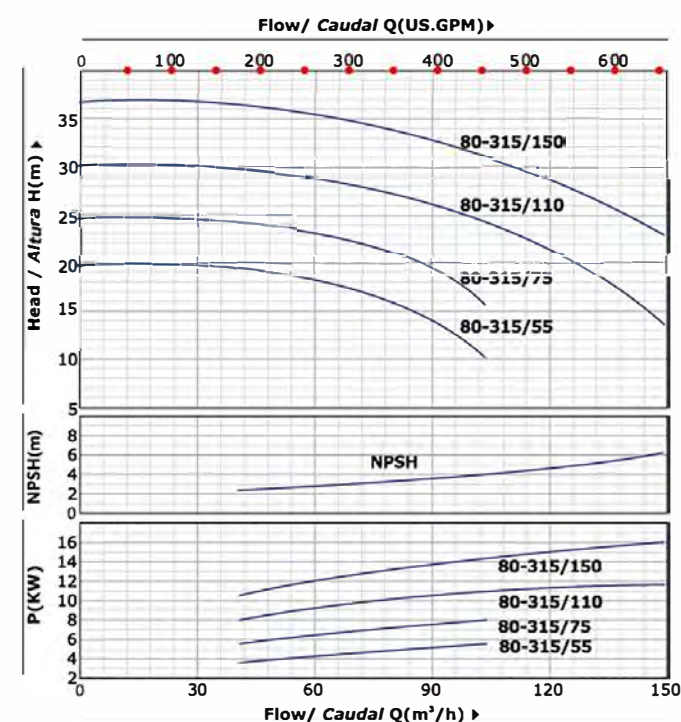
PS4 65-250



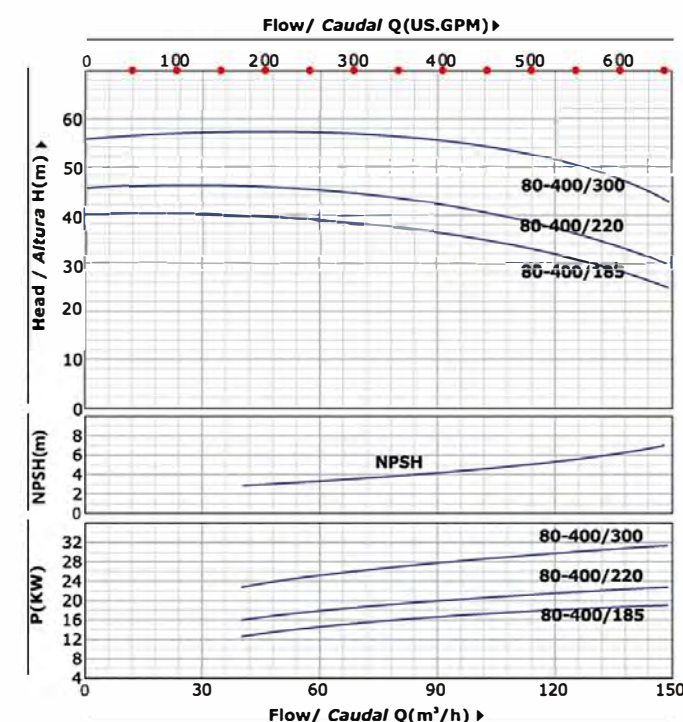
PS4 65-315



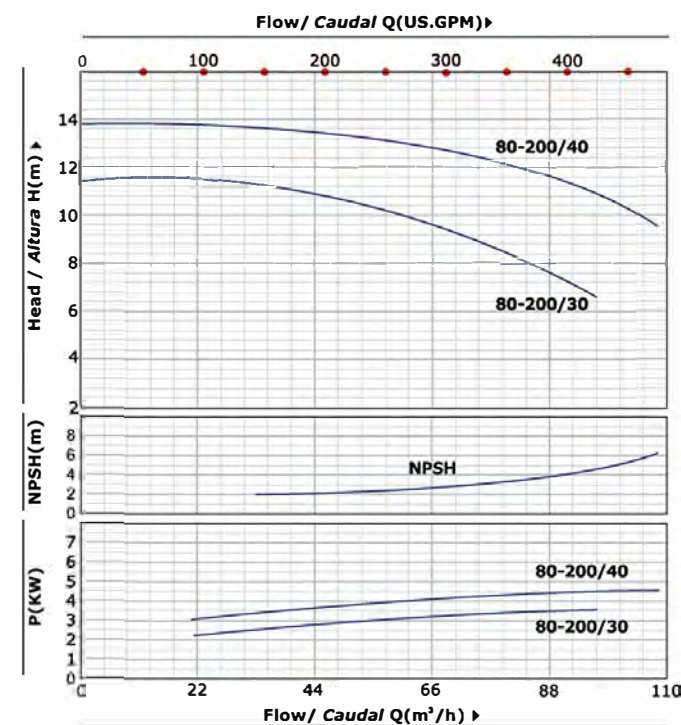
PS4 80-160



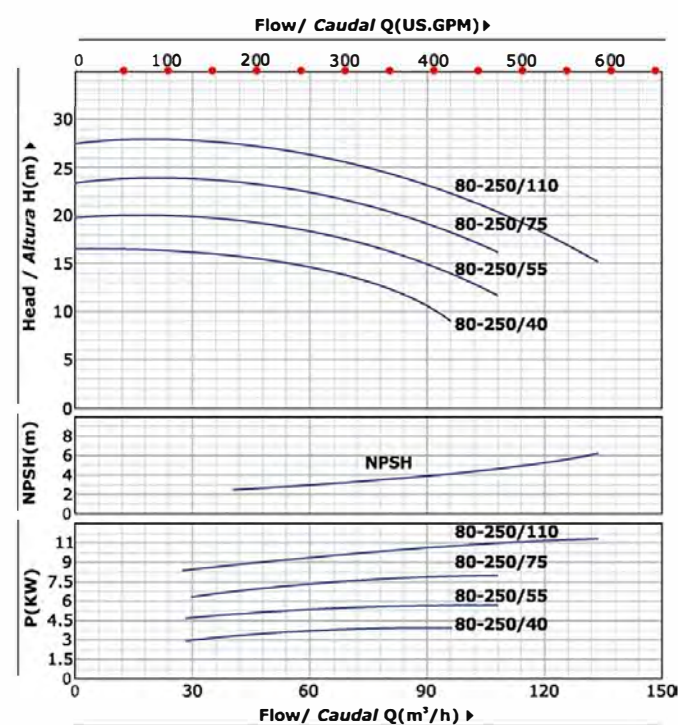
PS4 80-315



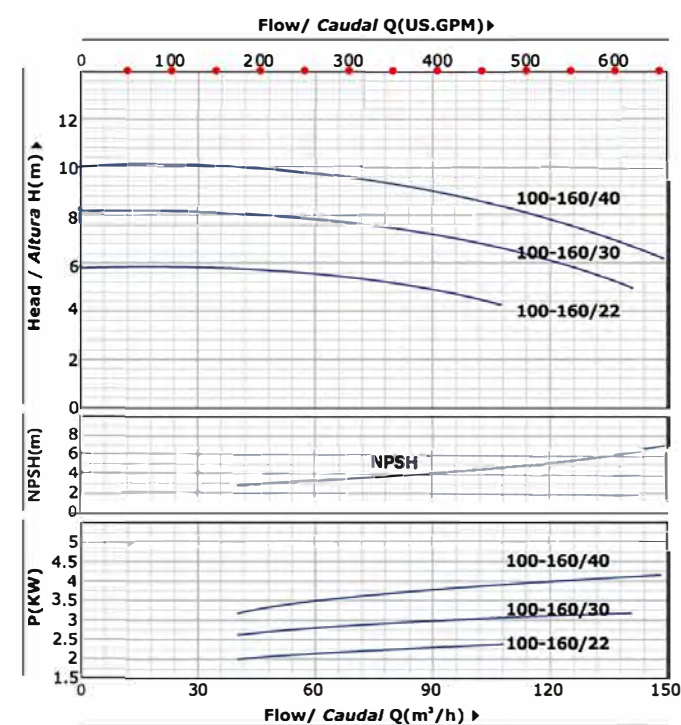
PS4 80-400



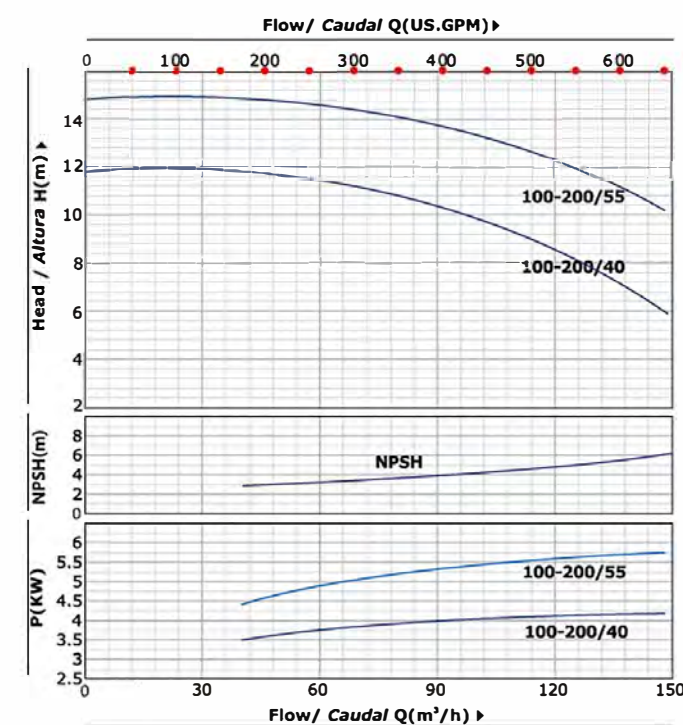
PS4 80-200



PS4 80-250



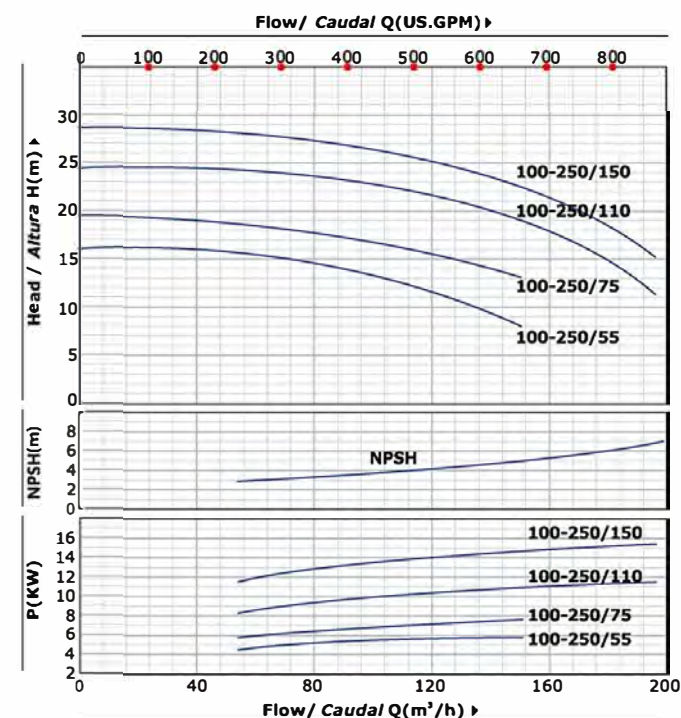
PS4 100-160



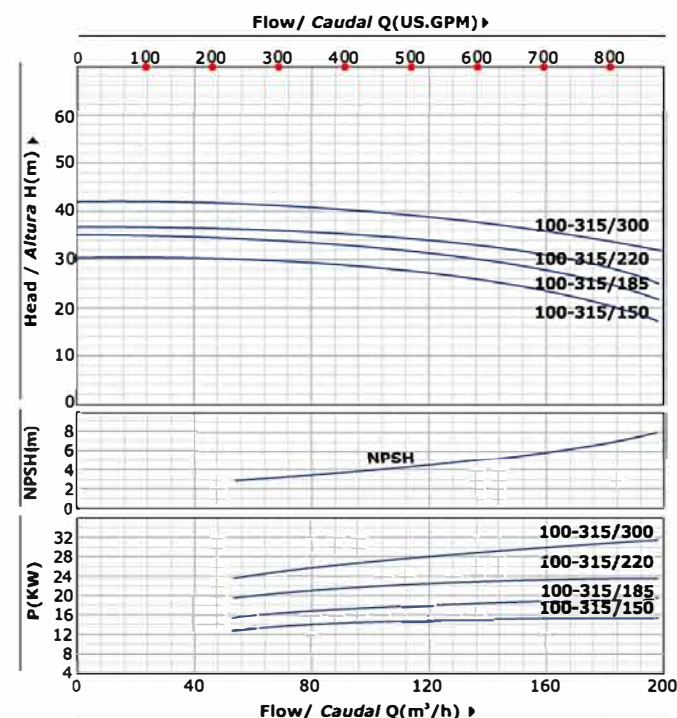
PS4 100-200

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=1450 1/min



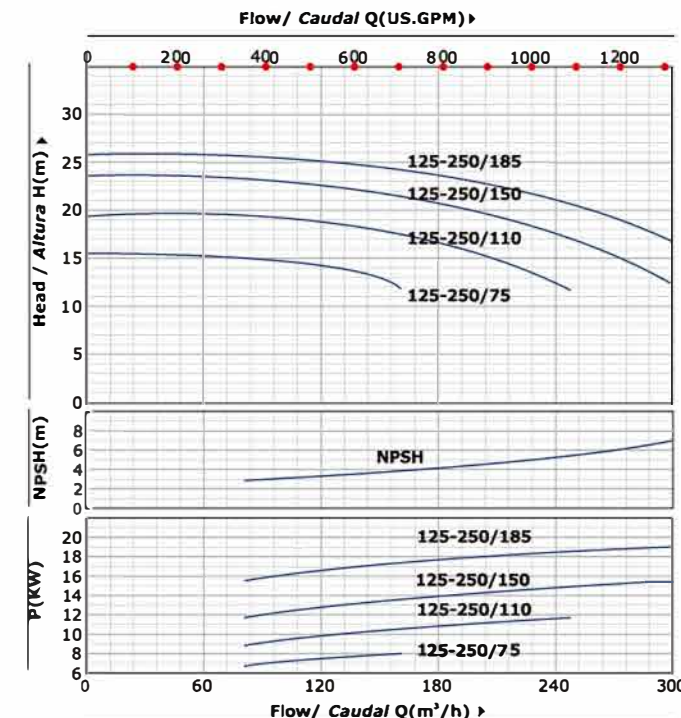
PS4 100-250



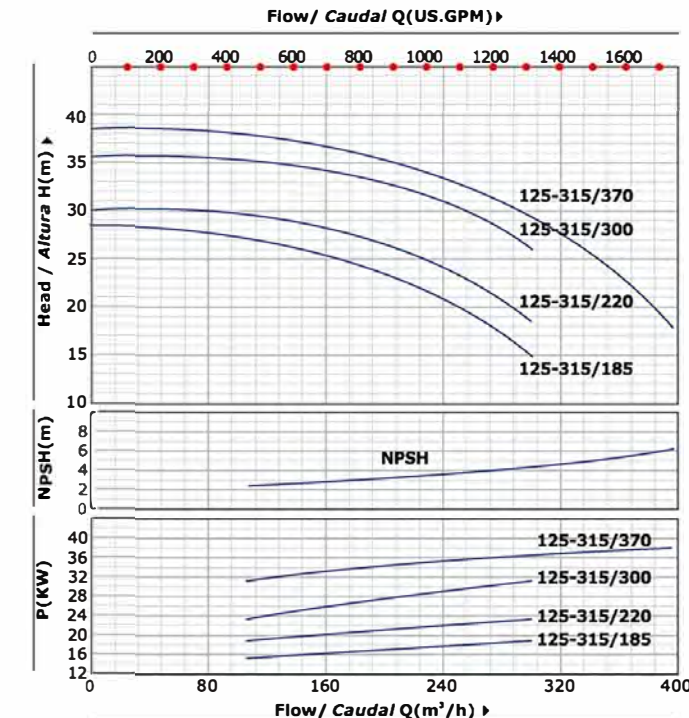
PS4 100-315

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

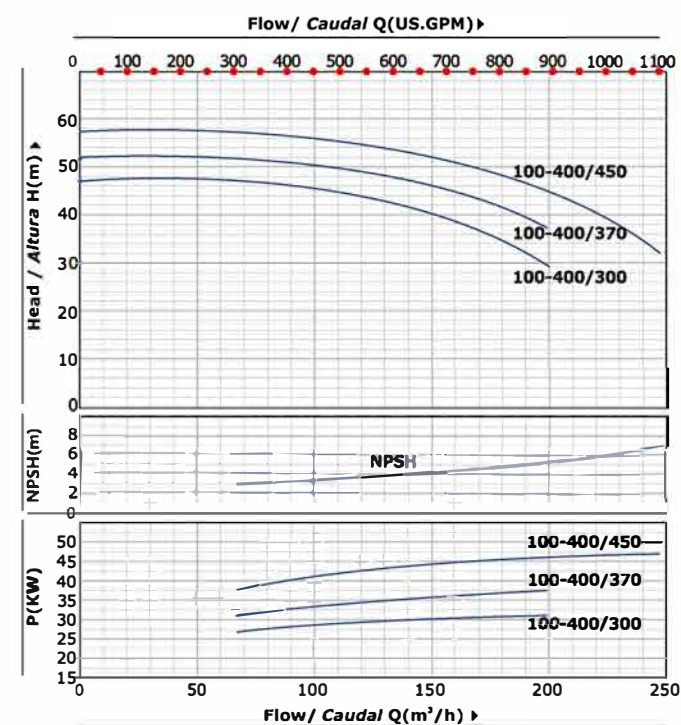
50 Hz n=1450 1/min



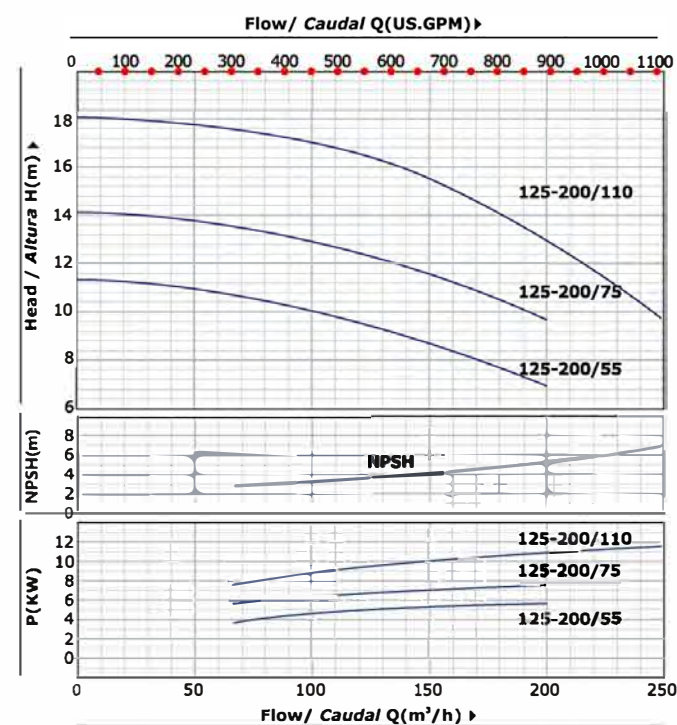
PS4 125-250



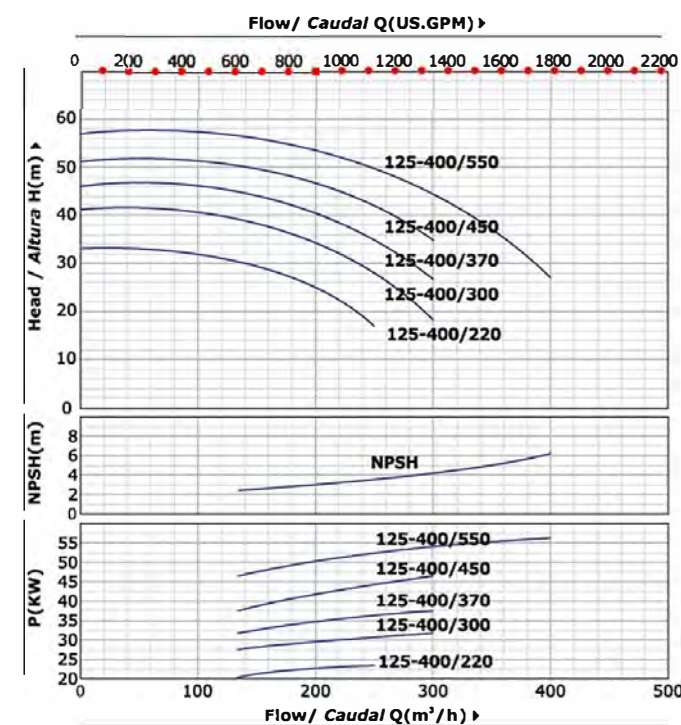
PS4 125-315



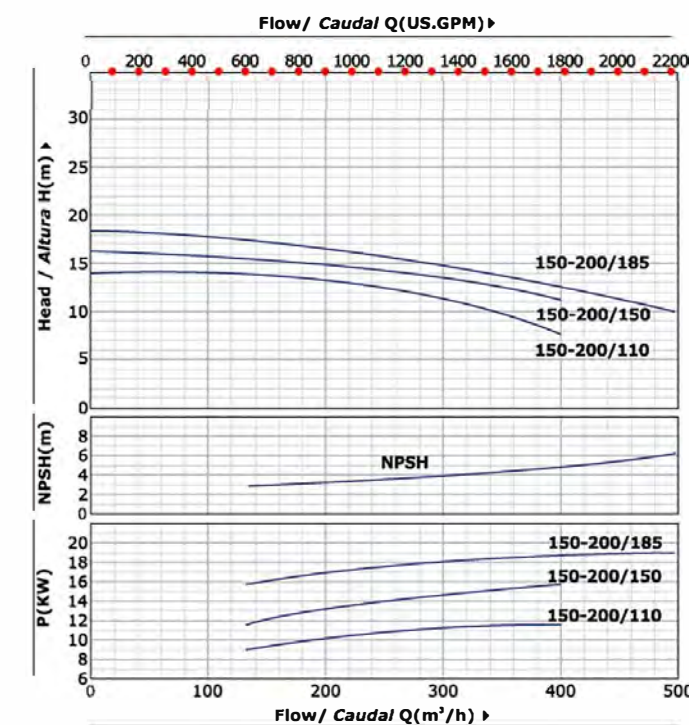
PS4 100-400



PS4 125-200



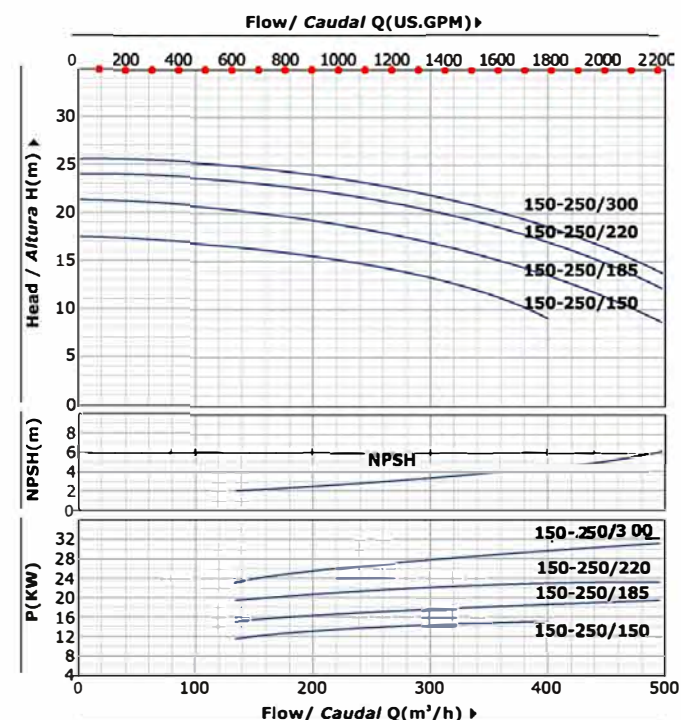
PS4 125-400



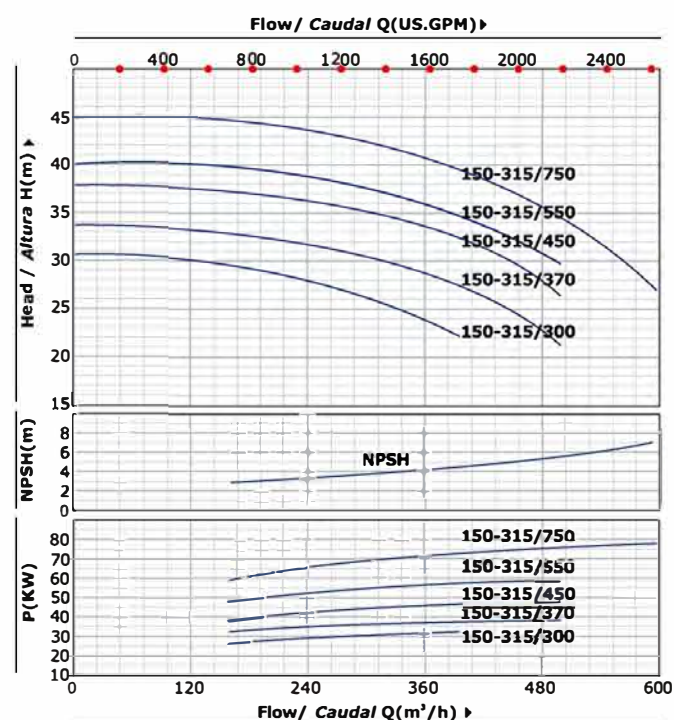
PS4 150-200

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=1450 1/min



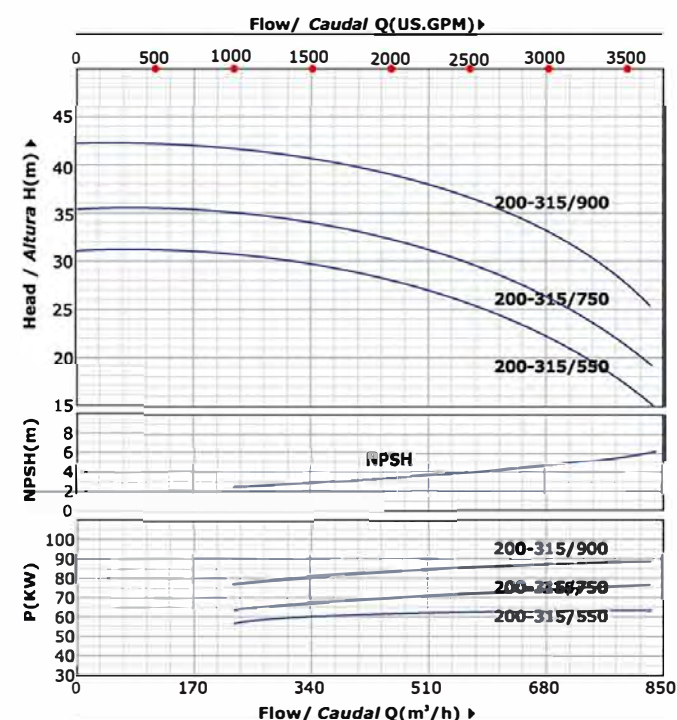
PS4 150-250



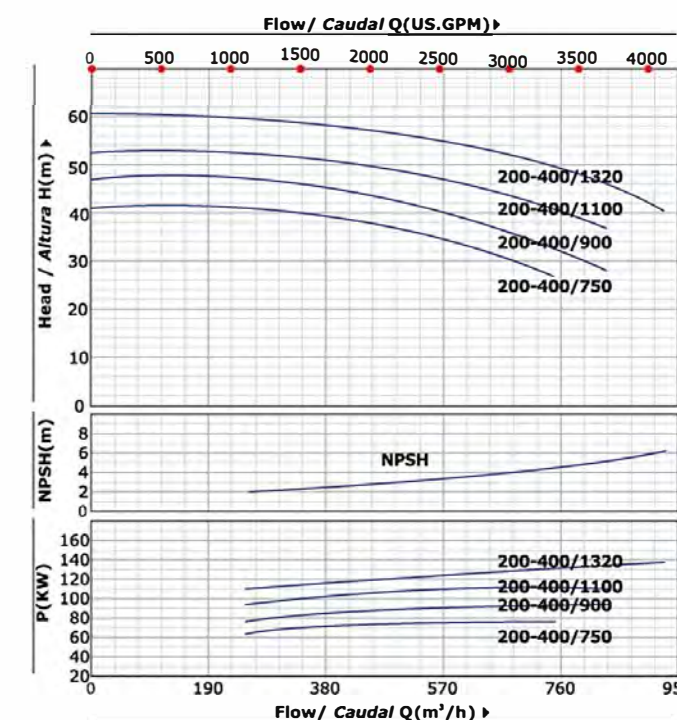
PS4 150-315

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

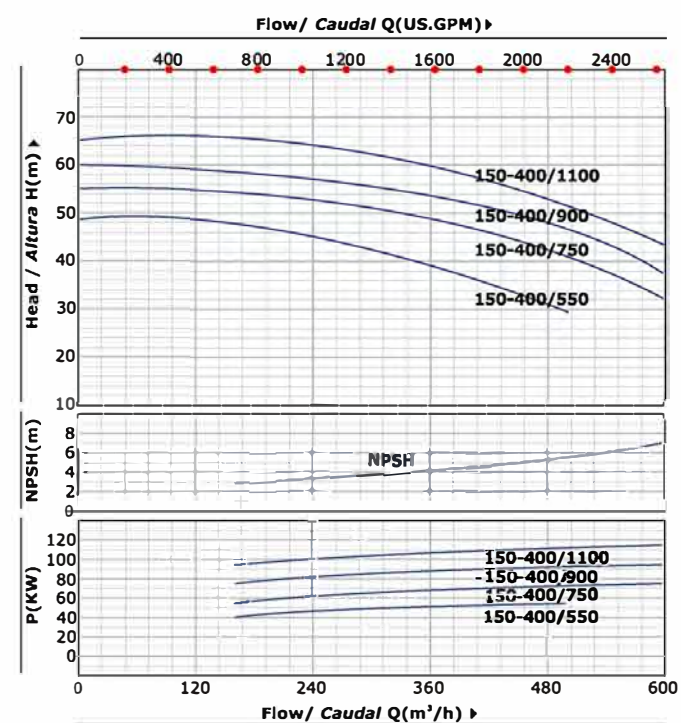
50 Hz n=1450 1/min



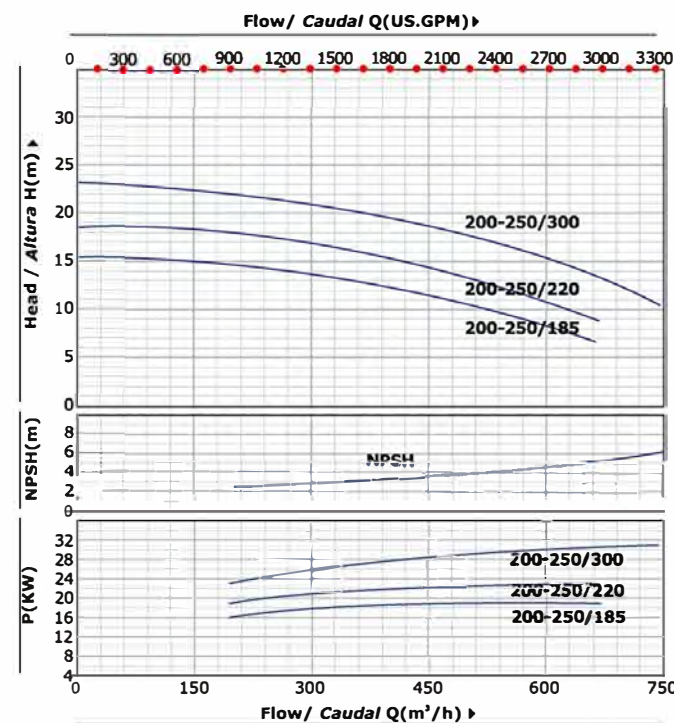
PS4 200-315



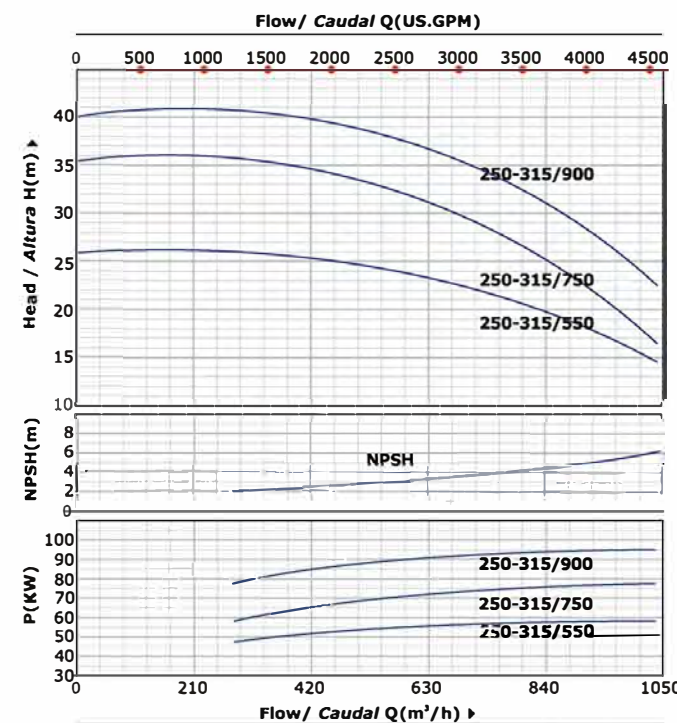
PS4 200-400



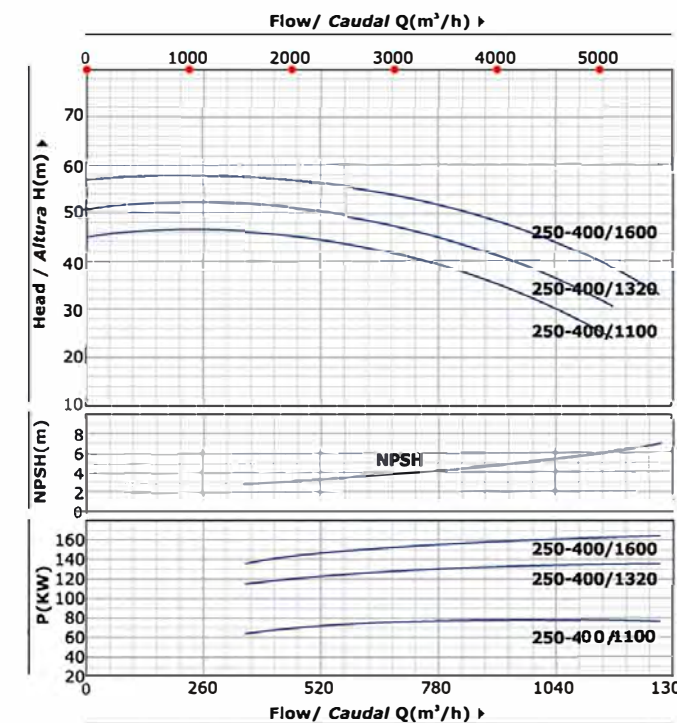
PS4 150-400



PS4 200-250

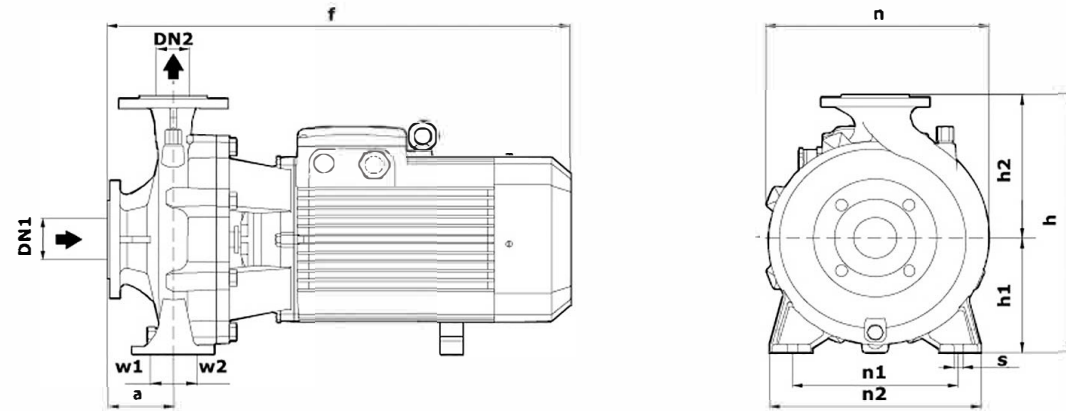


PS4 250-315



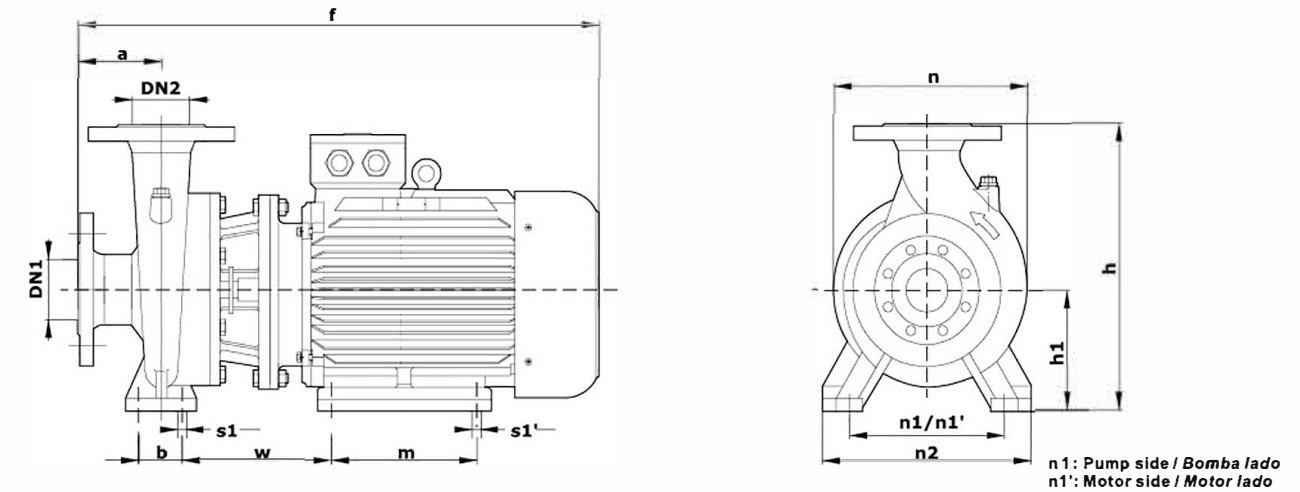
PS4 250-400

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm													kg	
Single-phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1~	3~
32-125/7	32-125/7	50	32	80	435	255	114	141	202	140	190	35	35	15	27	24
32-125/11	32-125/11			80		255	114	141	202	140	190				28	25
32-160/15	32-160/15			80		295	133	162	245	190	245				38	34
32-160/22	32-160/22			83	470	295	133	162	245	190	245	35	35	15	43	39
32-160/30	32-160/30			83		295	133	162	245	190	245				54	50
32-200/30	32-200/30			82	490	342	161	181	265	240	240	49	49	16	56	52
-	32-200/40			82	490	342	161	181	265	240	240				-	53
-	32-250/55			88	590	405	186	219	333	250	328	49	49	16	-	66
-	32-250/75			88	590	405	186	219	333	250	328				-	73
-	32-250/110			88	590	405	186	219	333	250	328	49	49	16	-	95
-	32-250/55D			160	610	362	162	200	330	216	280				-	73
-	32-250/75D			160	610	362	162	200	330	216	280				-	80
40-125/11	40-125/11	65	40	82	440	260	116	144	220	160	212	37	37	14	30	27
40-125/15	40-125/15			82	440	260	116	144	220	160	212				33	29
40-125/22	40-125/22			82	440	260	116	144	220	160	212				38	34
40-160/30	40-160/30			80	490	305	135	170	250	190	241	37	37	14	52	48
-	40-160/40			80	490	305	135	170	250	190	241				-	50
-	40-200/55			102	560	345	162	193	282	214	267				-	66
-	40-200/75			102	560	345	162	193	282	214	267	49	49	14	-	73
-	40-250/92			94	712	415	186	229	327	250	327				-	100
-	40-250/110			94	712	415	186	229	327	250	327				-	116
-	40-250/150			94	712	415	186	229	327	250	327				-	146
50-125/22	50-125/22	80	50	102	525	305	135	170	263	190	245	37	37	15	45	41
50-125/30	50-125/30			102	525	305	135	170	263	190	245				54	50
-	50-125/40			102	525	305	135	170	263	190	245				-	52
-	50-160/55			110	560	348	164	193	270	212	262	37	37	15	-	64
-	50-160/75			110	560	348	164	193	270	212	262				-	71
-	50-200/92			104	722	392	186	206	307	232	310				-	90
-	50-200/110			104	722	392	186	206	307	232	310	49	49	15	-	106
-	50-250/150			102	720	416	186	230	330	250	327				-	145
-	50-250/185			102	720	416	186	230	330	250	327				-	153
-	50-250/220			102	720	416	186	230	330	250	327	49	49	15	-	183
-	65-125/40	100	65	104	580	345	162	193	275	212	280				-	56
-	65-125/55			104	580	345	162	193	275	212	280				-	68
-	65-125/75			104	580	345	162	193	275	212	280				-	74
-	65-160/92			110	730	425	186	239	330	232	309	49	49	15	-	90
-	65-160/110			110	730	425	186	239	330	232	309				-	106
-	65-160/150			110	730	425	186	239	330	232	309				-	134
-	65-200/150			111	740	425	186	240	330	232	309	49	49	15	-	140
-	65-200/185			111	740	425	186	240	330	232	309				-	145
-	65-200/220			111	740	425	186	240	330	232	309				-	185
-	80-125/40	125	80	117	750	357	163	194	330	212	280	55	55	16	-	56
-	80-125/55			117	750	357	163	194	330	212	280				-	68
-	80-125/75			117	750	357	163	194	330	212	280				-	74
-	80-160/110			88	750	435	186	250	330	255	332	55	55	16	-	113
-	80-160/150			88	750	435	186	250	330	255	332				-	143
-	80-160/185-220			88	750	435	186	250	330	255	332				-	150
-	100-160/150	125	100	130	765	435	186	250	345	262	340	55	55	16	-	143
-	100-160/185			130	765	435	186	250	345	262	340				-	150
-	100-160/220			130	765	435	186	250	345	262	340				-	183

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm													kg	
Three-phase Trifásico	DN1	DN2	a	f	h	h1	n	n1	n1'	n2	b	w	m	s1	s1'	3~
65-250/220	80	65	116	870	420	180	369	260	279	320	70	246	241	18	15	210
65-250/300				990	456	195		250	318	327		293	305		19	230
65-250/370				880	460	250		310	318	260		258	305		19	240
80-200/220	100	80	118	950	460	250	360	310	318	260	95	246	241	20	15	212
80-200/300				980	537	250						228	305		19	222
80-250/370				1160	537	250						229	311		19	245
80-250/450	125	100	140	910	530	225	422	324	318	402	115	248	241	18	15	385
80-250/550				1025	530	225						256	305		24	497
100-200/220				1000	580	250						224	311		19	217
100-200/300	125	100	140	1180	580	250	418	310	406	402	95	325	349	20	20	227
100-200/370				1250	580	280						325	349		20	250
100-250/450				1250	580	280						325	349		20	390
100-250/550	125	100	140	1250	580	280	418	310	406	402	95	325	349	20	20	503
100-250/750				1250	580	280						325	349		20	535

COUNTER FLANGE / CONTRABRIDA

DN	D	K	HOLES ORIFICIOS	
			N	Φmm
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	22
100	220	180		
125	250	210		
150	285	240		
200	340	295	12	26
250	405	355		



NEW / NUEVO

TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- New design centrifugal pump
 - Original design by PURITY (patented)
 - Both square motor & round motor available
 - YE3 high efficient motor, with protection IP55 class F
 - Pump case with anti-corrosive coating
 - Impeller in stainless steel AISI 304 or cast iron
 - Shaft in stainless steel AISI 304 or galvanized iron
 - Galvanized counter flange with bolts, nuts and gaskets
 - Quality NSK bearing, wear resistance mechanical seal
-
- Nueva bomba centrífugas horizontal
 - Diseño original de PURITY (Patentado)
 - Motor redondo y cuadrado disponible
 - Motor de eficiencia YE3 con Protección IP55 clase F
 - Cuerpo de bomba con tratamiento anti-corrosión
 - Impulsor en inox AISI304 o fundición
 - Eje de la bomba en inox AISI304 o hierro galvanizado
 - Contrabridas galvanizadas con pernos, tuercas y empaques
 - Rodamiento de marca NSK y cierre mecánico personalizado

APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Las Bombas centrífugas según EN733 diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contraincendio, irrigación, industria, circulación del agua, agricultura.

USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between **-10°C** and **+120°C**

Ambient temperature up to **+50°C**

Max. working pressure **16 bar**

Continuous service **S1**

Temperatura del líquido de -10 °C hasta +120 °C

Temperatura ambiente hasta +50 °C

Presión máxima en el cuerpo de la bomba 16 bar

Funcionamiento continuo S1

PATENTS / PATENTES

Registered model PW

Registered Patent Design n° 201530478502.0

Registrado modelo PW

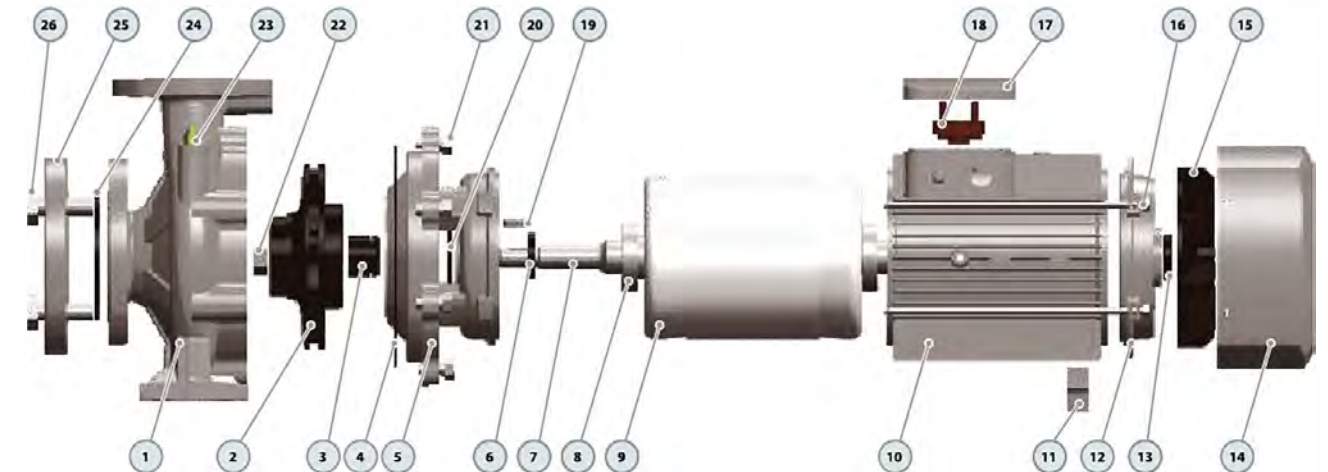
Registrado patente diseño n° 201530478502.0

TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1/min

MODEL MODELO	Power Potencia		l/min	Q=DELIVERY / CAUDAL																	DN
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	
80-125/22	2.2	3		17	-	-	-	-	-	-	15.4	14	12.8	11.5	6.5						80x80
80-125/30	3	4		20	-	-	-	-	-	-	18.8	18	17	15.6	11						80x80
80-125/40	4	5.5		24	-	-	-	-	-	-	23.1	23	21.5	20.3	15.8	11.8					80x80
80-160/55	5.5	7.5		32	-	-	-	-	-	-	30.6	30	28	26.6	20.5	14.8					80x80
80-160/75	7.5	10		40	-	-	-	-	-	-	38	37	36	34.4	29	24	21				80x80
80-200/92	9.2	12.5		50.5	-	-	-	-	-	-	46.8	45	43	40.9	32.5	25.7					80x80
80-200/110	11	15		57.5	-	-	-	-	-	-	53.5	52	50	47.5	40	33	29				80x80
80-250/150	15	20		68.5	-	-	-	-	-	-	64	63	61.5	59	50	41					80x80
80-250/185	18.5	25		79	-	-	-	-	-	-	75.8	74.8	74	71.5	63.5	55.5	47				80x80
80-250/220	22	30		89.5	-	-	-	-	-	-	86	85.3	84	81.5	73.5	65.5	57				80x80
100-125/40	4	5.5		19	-	-	-	-	-	-	-	-	17.3	16.8	14.5	13	11.8				100x100
100-125/55	5.5	7.5		23	-	-	-	-	-	-	-	-	21.3	20.9	19	17.5	16.7	13.7			100x100
100-125/75	7.5	10		27	-	-	-	-	-	-	-	-	26	25.6	24.5	23	22.5	20	18		100x100
100-160/92	9.2	12.5		33	-	-	-	-	-	-	-	-	-	31.5	30	28	27.1	24	21.5		100x100
100-160/110	11	15		36	-	-	-	-	-	-	-	-	-	34.5	33	31.5	30.8	28	25.5		100x100
100-160/150	15	20		42	-	-	-	-	-	-	-	-	-	41	40	38.5	37.8	35	33	29.5	100x100
100-200/150	15	20		45	-	-	-	-	-	-	-	-	-	45.5	43	41	40.2	36.5	34		100x100
100-200/185	18.5	25		52	-	-	-	-	-	-	-	-	-	52.3	51	49	48.2	44.5	42		100x100
100-200/220	22	30		59	-	-	-	-	-	-	-	-	-	59.5	58	56	55	52	49.5	44.5	100x100

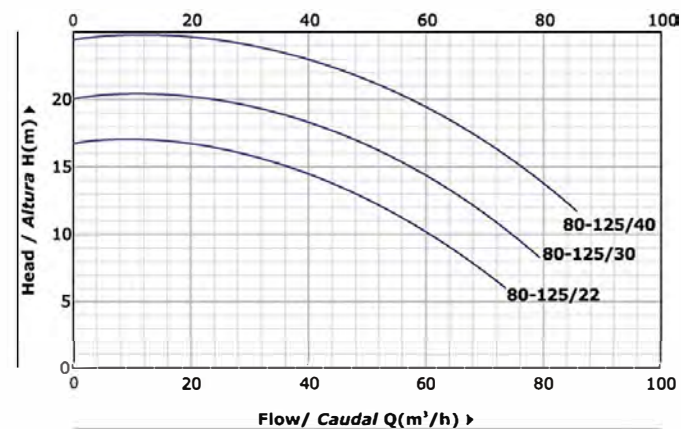
MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



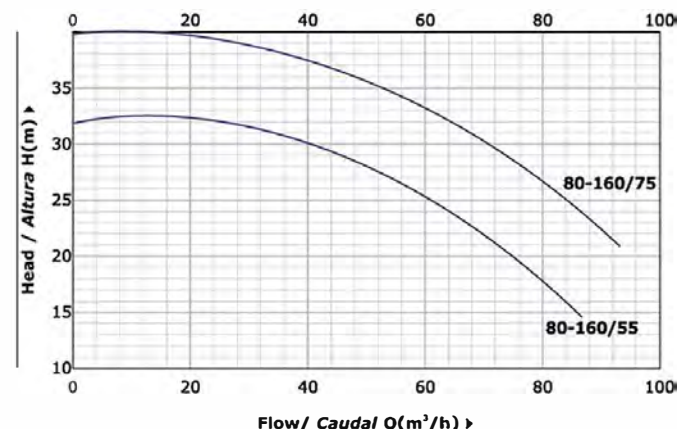
No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbor/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Bida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomes	Aluminum Aluminio	26	Flange Bolt Perno de Bida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomes	Plastic Plástico			

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

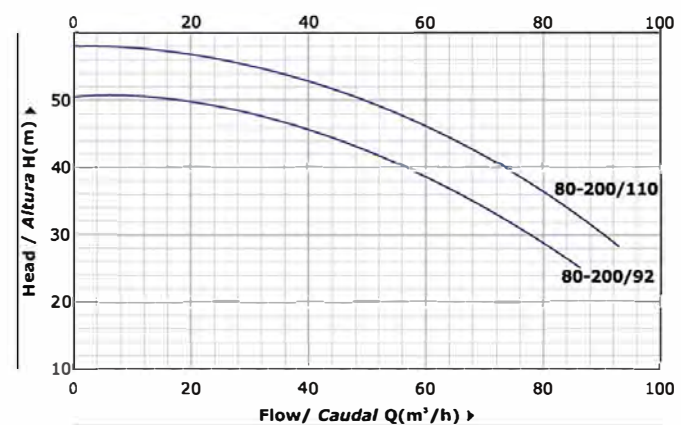
50 Hz n=2900 1/min



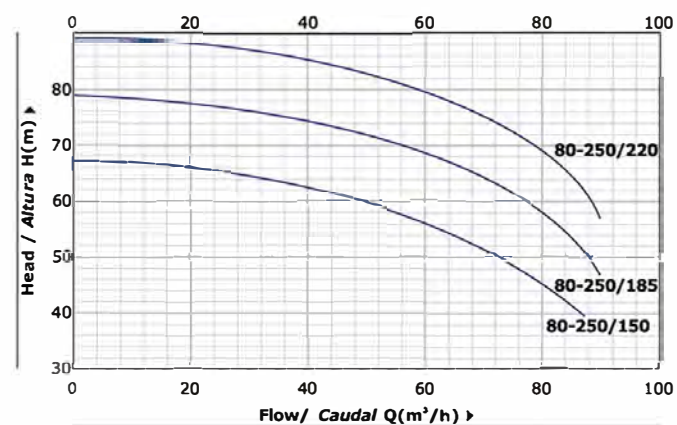
80-125



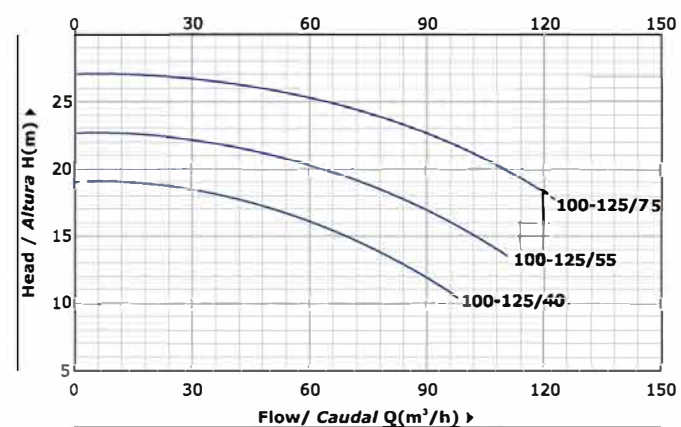
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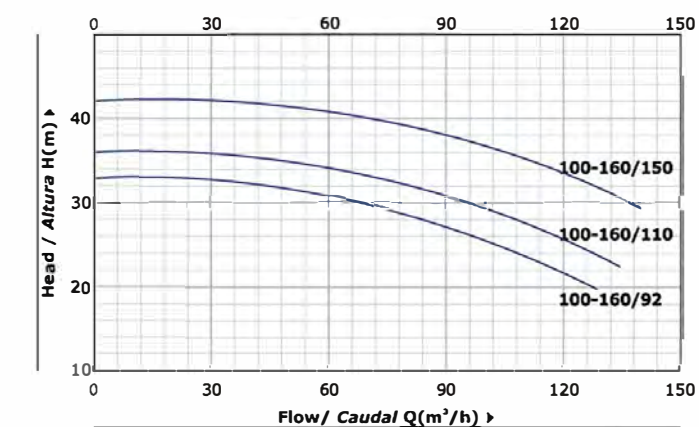
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80-250



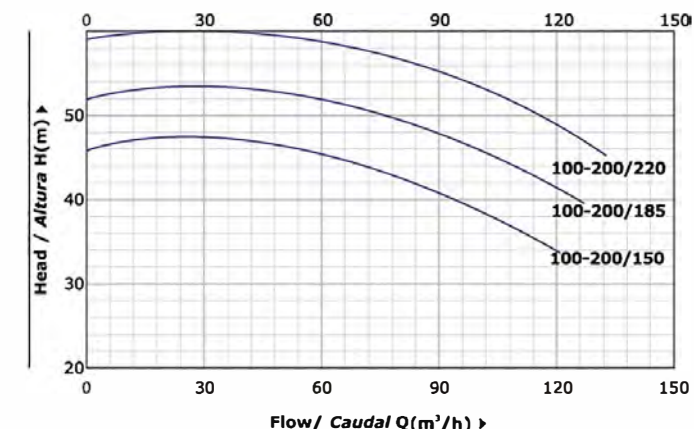
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100-160

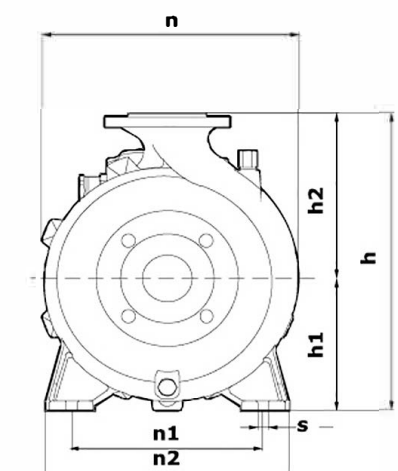
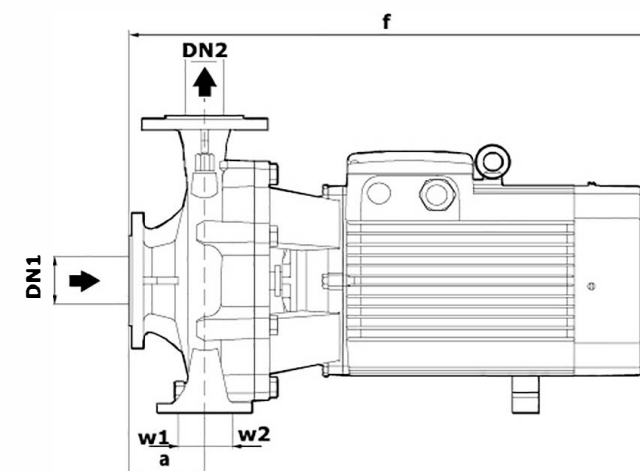
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



100-200

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm													kg										
Single-phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1~	3~									
80-125/22	80-125/22	80	80	102	525	305	135	170	263	190	245	37	37	8	45	41									
80-125/30	80-125/30														54	50									
-	80-125/40														-	52									
-	80-160/55														-	64									
-	80-160/75			110	560	345	162	193	270	212	262				-	71									
-	80-200/92														-	90									
-	80-200/110			104	722	392	186	206	307	232	307				-	106									
-	80-250/150														-	145									
-	80-250/185			102	720	416	186	230	330	250	327				-	153									
-	80-250/220														-	183									
-	100-125/40	100	100	104	580	345	162	193	275	212	275	49	49	10	-	56									
-	100-125/55														-	68									
-	100-125/75														-	74									
-	100-160/92														-	90									
-	100-160/110			102	730	415	186	230	330	250	330				-	106									
-	100-160/150														-	134									
-	100-200/150			120	740										-	140									
-	100-200/185														-	145									
-	100-200/220														-	185									



NEW / NUEVO

TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- New thread port centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in brass or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Suction and discharge port in G20 thread
- Quality NSK bearing, wear resistance mechanical seal

- Nueva bomba centrífuga roscada
- Diseño original de PURITY (Patentado)
- Motor redondo y cuadrado disponible
- Motor de eficiencia YE3 con Protección IP55 clase F
- Cuerpo de bomba con tratamiento anti-corrosión
- Impulsor en bronce o fundición de hierro
- Eje de la bomba en inox AISI304 o hierro galvanizado
- Aspiración e impulsión en fundición G20 roscada
- Rodamiento de marca NSK y cierre mecánico personalizado

APPLICATIONS / APLICACIONES

The high efficiency and continuous duty capabilities makes these pumps ideal for use in activities such as flood and spray irrigation, drawing water from lakes, rivers and wells, or for any number of different industrial applications where the characteristics of high flow rates and mid to low head are required. Suitable for use in civil and agricultural applications.

Sus elevados rendimientos y la posibilidad de un funcionamiento continuo permiten el utilizo de estas electrobombas para la irrigación por gravedad, por asperción, para el bombeo del agua de lagos, ríos, pozos y para muchas otras aplicaciones industriales caracterizadas por la necesidad de tener caudales considerables con alturas medio bajas. Son recomendadas para utilizarse en el sector civil y agrícola.

USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between -10°C and $+120^{\circ}\text{C}$
Ambient temperature up to $+50^{\circ}\text{C}$
Max. working pressure **16 bar**
Continuous service **S1**

Temperatura del líquido de -10°C hasta $+120^{\circ}\text{C}$
Temperatura ambiente hasta $+50^{\circ}\text{C}$
Presión máxima en el cuerpo de la bomba **16 bar**
Funcionamiento continuo **S1**

PATENTS / PATENTES

Registered model PC
Registered Patent Design n° 201530476290.2

Registrado modelo PC
Registrado patente diseño n° 201530476290.2

TECHNICAL DATA / DATOS TÉCNICOS

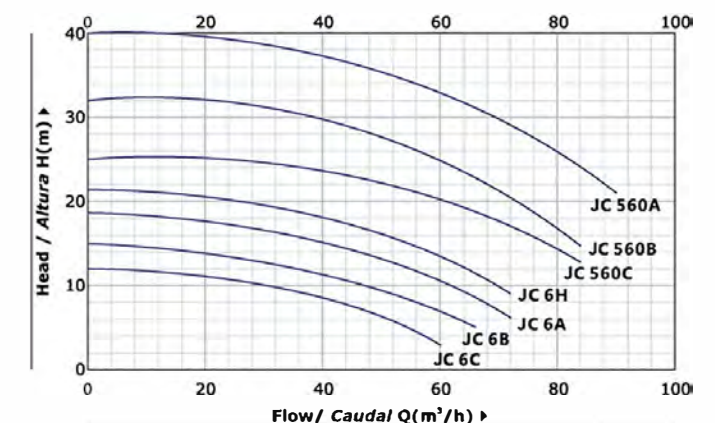
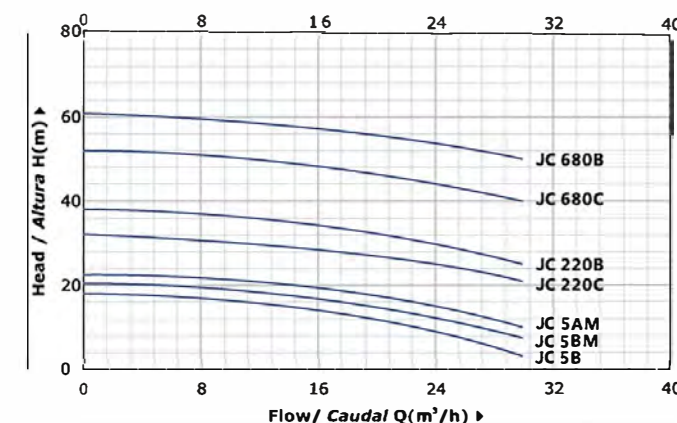
50 Hz n=2900 1/min

MODEL MODELO	Power Potencia		l/min m³/h	Q=DELIVERY / CAUDAL																				DN	
	kw	hp		0	100	150	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1400	1500	1800	2000		2300
				0	6	9	12	15	18	21	24	30	36	42	48	54	60	66	72	84	90	108	120	138	mm
JC 5B	0.75	1	H(m)	17.9	16.4	16.5	15	14	13.5	11.4	9.5	5													50x50
JC 5BM	1.1	1.5		20.2	19.2	19	18	17	16	14	12	7.5													50x50
JC 5AM	1.5	2		22.5	22	21.5	21	20	18.5	16.6	14.5	10													50x50
JC 220C	2.2	3		32	31	30.5	30	29	28	26	24	21													50x50
JC 220B	3	4		38	37	36.5	36	34.8	33.5	31.2	29	25													50x50
JC 680C	4	5.5		52	51	50.8	50.3	49	47.5	45	43	40													50x50
JC 680B	5.5	7.5		61	60	59.5	59	58.5	57	55	52.5	50													50x50
JC 6C	1.1	1.5		11.9			11.7	11.5	11.3	11	10.7	10.2	9.2	8	6.7	5	3								50x50
JC 6B	1.5	2		14.7			14.5	14.3	14	13.8	13.5	12.8	12	11	9.7	8.2	6.7	5							50x50
JC 6A	2.2	3		18.5			18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	10.5	8.3	6						80x80
JC 6H	3	4		21.5			21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	13.5	11.2	9						80x80
JC 560C ★	4	5.5		25									24.1	24	22.5	21.3	19.8	18.3	16.8	12.8					80x80
JC 560B ★	5.5	7.5		32									30.6	30	28	26.6	24.8	22.7	20.5	14.8					80x80
JC 560A ★	7.5	10		40									38	37	36	34.4	32.6	30.8	29	24	21				80x80
JC 8C	2.2	3		18.5			18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	10.5	8.3	6						100x100
JC 8B	3	4		21.5			21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	13.5	11.2	9						100x100
JC 625C	4	5.5		19											17.3	16.8	15.5	15	14.5	13	11.8				100x100
JC 625B ★	5.5	7.5		23											21.3	20.9	20.3	19.7	19	17.5	16.7	13.7			100x100
JC 625A ★	7.5	10		27											26	25.6	25.2	24.8	24.5	23	22.5	20	18		100x100
JC 660D ★	9.2	12.5		33												31.5	31	30.5	30	28	27.1	24	21.5		100x100
JC 660C ★	11	15	36												34.5	34	33.5	33	31.5	30.8	28	25.5		100x100	
JC 660B ★	15	20	42												41	40.7	40.4	40	38.5	37.8	35	33	29.5	100x100	
JC 660A ★	18.5	25	49												48	47.7	47.4	47	46	45	42	41	37	100x100	

★=Cast iron impeller / Impulsor en fundición

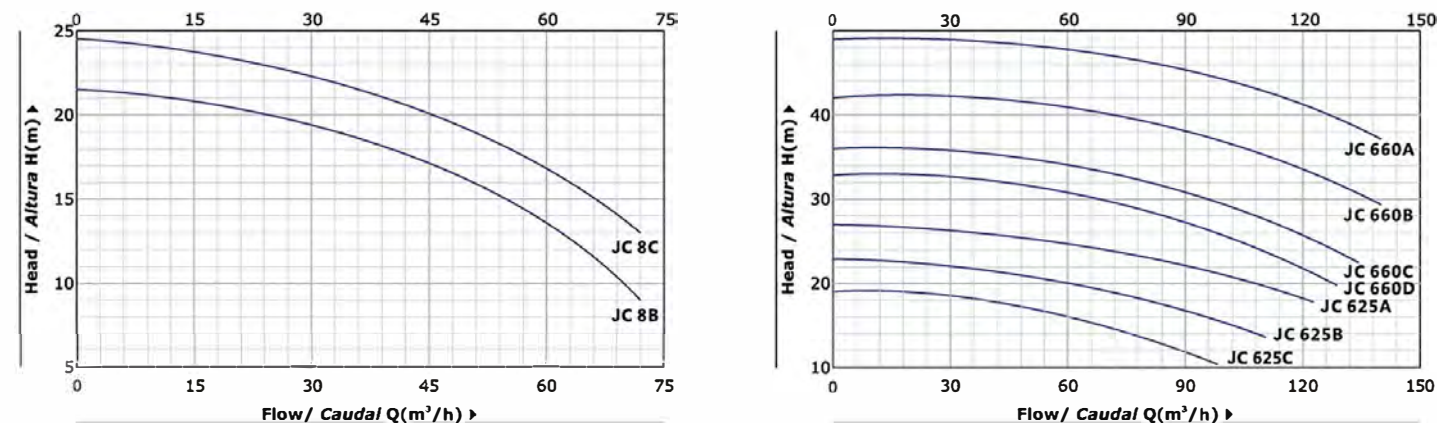
CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2900 1/min

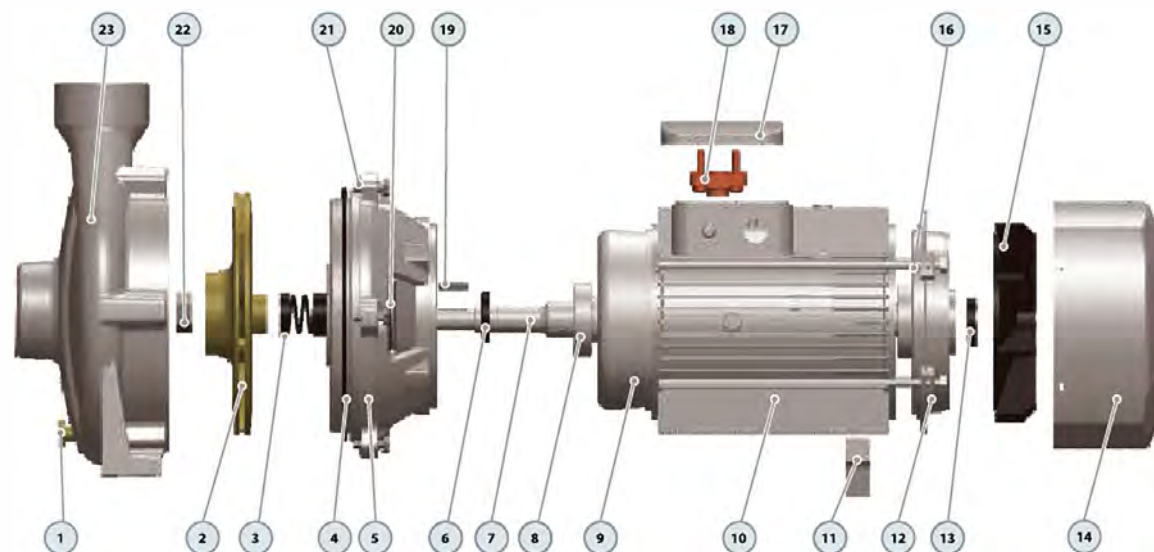


CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2900 1/min

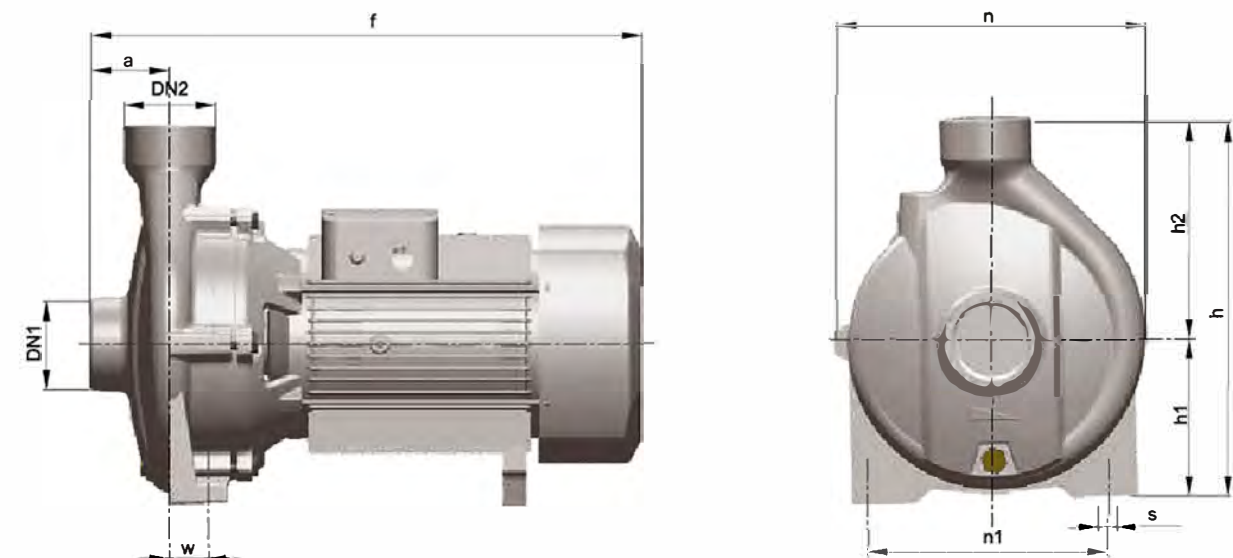


MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Release Valve Tapón Cebado	Brass Bronce	9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	17	Terminal Box Caja de Bornes	Aluminum Aluminio
2	Impeller Impulsor	Brass Bronce	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	18	Terminal Board Tablero de Bornes	Plastic Plástico
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	11	Support Foot Soporte Pie	Plastic Plástico	19	Impeller Key Chaveta Impulsor	Iron Hierro
4	O-ring Junta Tórica	Rubber Caucho	12	Back Cover Tapa Trasera	Cast iron Fundición	20	Water Deflector Deflector	Rubber Caucho
5	Connection Conexión	Cast iron Fundición	13	Reinforced Seal Sello Reforzado	Rubber Caucho	21	Connection Bolt Perno	Steel Acero
6	Reinforced Seal Sello Reforzado	Rubber Caucho	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	15	Fan Ventilador	Plastic Plástico	23	Pump Case Cuerpo de Bomba	Cast iron Fundición
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	16	Through Bolt Perno	Steel Acero			

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm											kg	
Single-phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	1~	3~
JC 5B	JC 5B	50	50	51	398	265	105	160	206	160	1	11	18	17
JC 5BM	JC 5BM	50	50	51	398	265	105	160	206	160	1	11	19.9	18.9
JC 5AM	JC 5AM	50	50	51	398	265	105	160	206	160	1	11	21.9	20.9
JC 220C	JC 220C	50	50	75	472	322	132	190	245	165	40	14	29.5	28.5
-	JC 220B	50	50	75	472	322	132	190	245	165	40	14	-	32.3
-	JC 680C	50	50	75	535	335	140	195	273	190	40	14	-	42
-	JC 680B	50	50	75	535	335	140	195	273	190	40	14	-	47
JC 6C	JC 6C	80	80	68	435	317	120	197	240	190	6	12	25	24
JC 6B	JC 6B	80	80	68	435	317	120	197	240	190	6	12	26.5	25.5
JC 6A	JC 6A	80	80	68	435	317	120	197	240	190	6	12	27.7	26.7
-	JC 6H	80	80	68	435	317	120	197	240	190	6	12	-	35
-	JC 560C	80	80	79	578	372	163	209	263	212	32	16	-	52
-	JC 560B	80	80	79	578	372	163	209	263	212	32	16	-	64
-	JC 560A	80	80	79	578	372	163	209	263	212	32	16	-	71
JC 8C	JC 8C	100	100	70	482	322	120	202	245	190	30	14	31	30
-	JC 8B	100	100	70	482	322	120	202	245	190	30	14	-	35
-	JC 625C	100	100	85	593	373	163	210	267	212	32	16	-	63
-	JC 625B	100	100	85	593	373	163	210	267	212	32	16	-	68
-	JC 625A	100	100	85	593	373	163	210	267	212	32	16	-	74
-	JC 660D	100	100	85	605	415	186	229	305	222	49	16	-	90
-	JC 660C	100	100	85	605	415	186	229	305	222	49	16	-	106
-	JC 660B	100	100	85	605	415	186	229	305	222	49	16	-	134
-	JC 660A	100	100	85	605	415	186	229	305	222	49	16	-	155



NEW / NUEVO

TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- New double impeller centrifugal pump
 - Original design by PURITY
 - Both square motor & round motor available
 - YE3 high efficient motor, with protection IP55 class F
 - Pump case with anti-corrosive coating
 - Double impeller in brass
 - Shaft in stainless steel AISI 304 or galvanized iron
 - Suction and discharge port in G20 thread
 - Quality NSK bearing, wear resistance mechanical seal
-
- Nuevas bombas centrífugas con doble impulsores
 - Diseño original de PURITY (Patentado)
 - Motor redondo y cuadrado disponible
 - Motor de eficiencia YE3 con Protección IP55 clase F
 - Cuerpo de bomba con tratamiento anti-corrosión
 - Doble impulsor en bronce
 - Eje de la bomba en inox AISI304 o hierro galvanizado
 - Aspiración e impulsión en fundición G20 roscada
 - Rodamiento de marca NSK y cierre mecánico personalizado

APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors; in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fighting sets.

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Los elevados rendimientos y su adaptabilidad a las aplicaciones más diversas, aún anormales, las colocan como ideales en el mercado doméstico, civil, industrial; en particular para la distribución del agua acopladas a un tanque de presurización, para el aumento de la presión de la red, para grupos anti-incendios.

USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure **16 bar**
Continuous service **S1**

*Temperatura del líquido de -10 °C hasta +120 °C
Temperatura ambiente hasta +50 °C
Presión máxima en el cuerpo de la bomba **16 bar**
Funcionamiento continuo **S1***

TECHNICAL DATA / DATOS TÉCNICOS

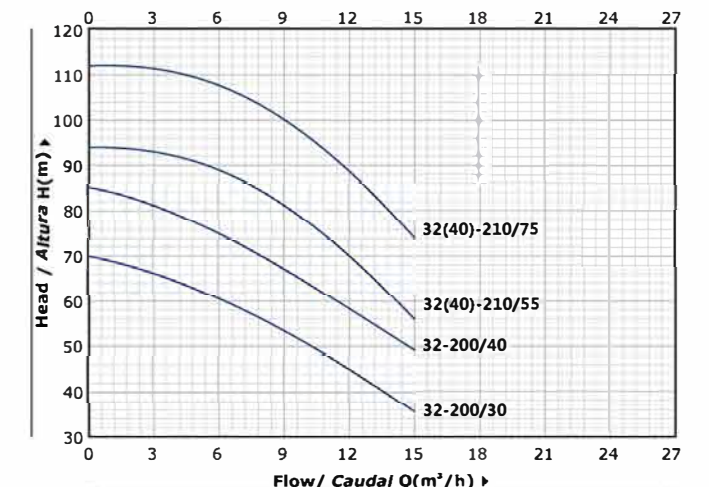
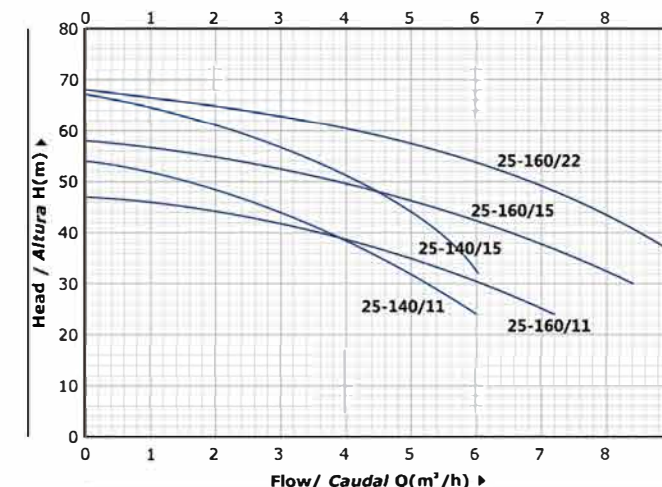
50 Hz n=2900 1/min

MODEL MODELO	Power Potencia		l/min	Q=DELIVERY / CAUDAL																		DN		
				0	40	50	60	70	80	90	100	110	120	140	160	180	200	250	300	350	400		450	
	kw	hp	m³/h	0	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15	18	21	24	27	mm	
25-140/11	1.1	1.5	H(m)	54	47.5	44.5	41	37	33	28	22												32x25	
25-140/15	1.5	2		67	60	57	54	50	45	40	32												32x25	
25-160/11	1.1	1.5		47	44	42	40	38	35	33	30	27	24										32x25	
25-160/15	1.5	2		58	54	53	51	49	47	45	43	40	37	30									32x25	
25-160/22	2.2	3		68	64.5	63	62	60	58	56	54	51	48	41	32								32x25	
32-200/30	3	4		70					63	62	60.5	59	57	55	52	49.5	46.5	36					40x32	
32-200/40	4	5.5		85					77	76	75	74	72	69	66	62	58	49					40x32	
32-210/55	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56					50x32	
32-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x32	
40-210/55	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56					50x40	
40-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x40	
50-180/40	4	5.5		62					59	58	57	56	55	55	50	48	44	36	31	23			50x50	
50-180/55	5.5	7.5		72					69	68	67	66	65	65	60	58	54	46	41	33			50x50	
50-180/75	7.5	10		84					81	80	79	78	76	75	72	72	66	58	53	45			50x50	
40-200/92	9.2	12.5		97											91.5	91	90	88	85	80	74	68	61	50x40
40-200/110	11	15		105											100	99	98	97	93	88	83	76	69	50x40
50-200/92	9.2	12.5		97											91.5	91	90	88	85	80	74	68	61	50x50
50-200/110	11	15		105											100	99	98	97	93	88	83	76	69	50x50
40-250/130	13	17.5		120											114	113	112	110	107	103	98	91	82	50x40
40-250/150	15	20		130											124	123	122	120	117	113	108	102	92	50x40
40-250/185	18.5	25		145											139	138	137	136	131	126	121	114	107	50x40
40-250/220	22	30		160											155	153	152	151	146	141	135	130	122	50x40
50-250/130	13	17.5	120											114	113	112	110	107	103	98	91	82	50x50	
50-250/150	15	20	130											124	123	122	120	117	113	108	102	92	50x50	
50-250/185	18.5	25	145											139	138	137	136	131	126	121	114	107	50x50	
50-250/220	22	30	160											155	153	152	151	146	141	135	130	122	50x50	

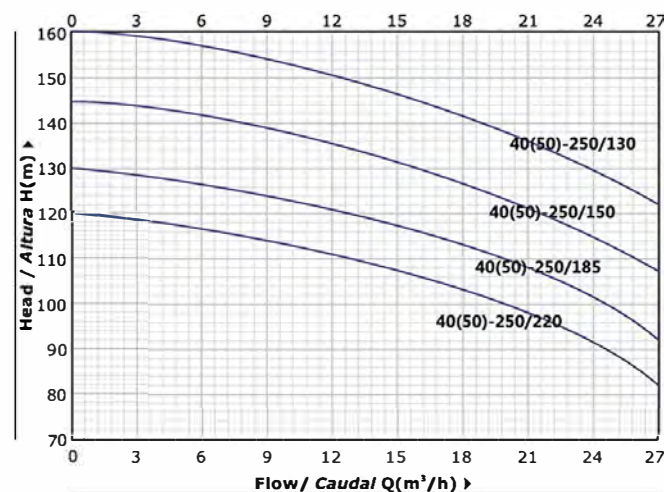
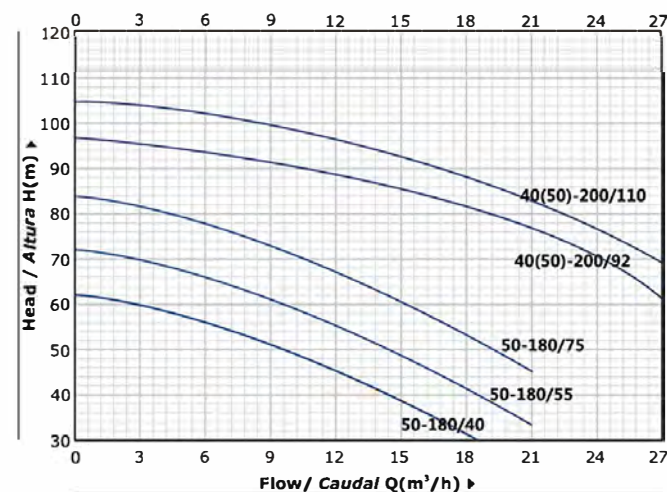
We reserve the technique modification right Nos reservamos el derecho de la modificación técnica

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

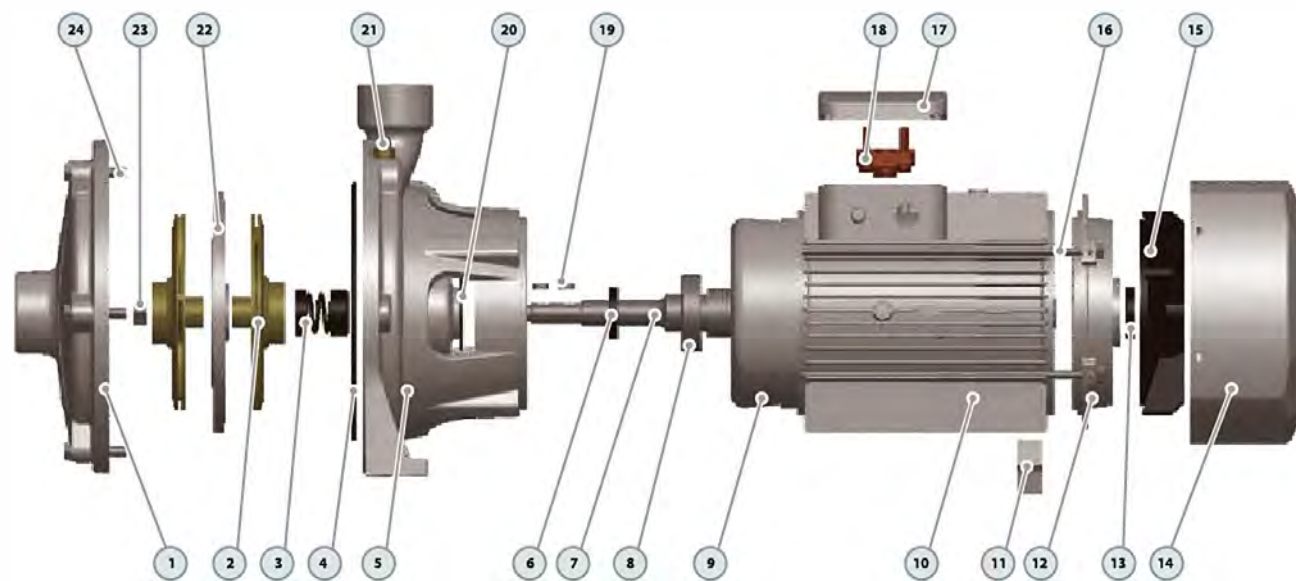
50 Hz n=2900 1/min



PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO



MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL

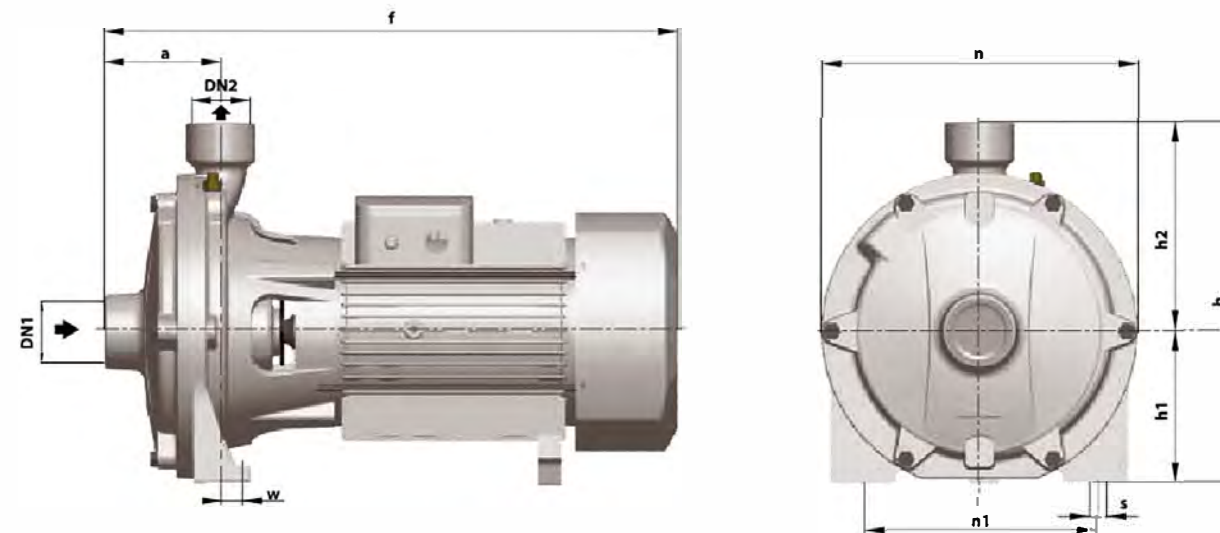


No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición
2	Impeller Impulsor	Brass Bronce
3	Mechanical Seal Cierre Mecánico	SC/Carbon/SS304 SiC-Grafito-Inox304
4	O-ring Junta Tórica	Rubber Caucho
5	Connection Conexión	Cast iron Fundición
6	Reinforced Seal Sello Reforzado	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento

No.	Description Descripción	Material Material
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre
10	Motor Case Cuerpo de Motor	Aluminum Aluminio
11	Support Foot Soporte Pie	Plastic Plástico
12	Back Cover Tapa Trasera	Cast iron Fundición
13	Reinforced Seal Sello Reforzado	Rubber Caucho
14	Fan Cover Tapa Ventilador	Aluminum Aluminio
15	Fan Ventilador	Plastic Plástico
16	Through Bolt Perno	Steel Acero

No.	Description Descripción	Material Material
17	Terminal Box Caja de Bomes	Aluminum Aluminio
18	Terminal Board Tablero de Bomes	Plastic Plástico
19	Impeller Key Chaveta Impulsor	Iron Hierro
20	Water Deflector Deflector	Rubber Caucho
21	Release Valve Tapón Cebado	Brass Bronce
22	Diffuser Difusor	Cast iron Fundición
23	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
24	Connection Bolt Perno	Steel Acero

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm											kg	
Single-phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	1~	3~
25-140/11	25-140/11	32	25	84	420	232	95	137	200	150	19	10	19.8	18.8
25-140/15	25-140/15	32	25	84	420	232	95	137	200	150	19	10	24	23
25-160/11	25-160/11	32	25	84	420	270	110	160	225	172	19	11	19.8	18.8
25-160/15	25-160/15	32	25	84	420	270	110	160	225	172	19	11	24.2	23.2
25-160/22	25-160/22	32	25	84	420	270	110	160	225	172	19	11	25.5	24.5
32-200/30	32-200/30	40	32	103	503	317	132	185	280	205	16	14	39	38
-	32-200/40	40	32	103	503	317	132	185	280	205	16	14	-	43
-	32-210/55	50	32	108	565	352	155	197	300	246	16	14	-	54
-	32-210/75	50	32	108	565	352	155	197	300	246	16	14	-	61
-	50-180/40-55-75	50	50	108	565	352	155	197	300	246	16	14	-	54
-	40-210/55-75	50	40	108	565	352	155	197	300	246	16	14	-	61
-	40-200/92	50	40	119	615	355	150	205	304	215	11	14	-	89
-	40-200/110	50	40	119	615	355	150	205	304	215	11	14	-	90
-	50-200/92	50	50	119	615	355	150	205	304	215	11	14	-	89
-	50-200/110	50	50	119	615	355	150	205	304	215	11	14	-	90
-	40-250/130	50	40	124	740	407	170	237	357	270	17	14	-	110
-	40-250/150	50	40	124	740	407	170	237	357	270	17	14	-	120
-	40-250/185	50	40	124	740	407	170	237	357	270	17	14	-	130
-	40-250/220	50	40	124	740	407	170	237	357	270	17	14	-	140
-	50-250/130	50	50	124	740	407	170	237	357	270	17	14	-	110
-	50-250/150	50	50	124	740	407	170	237	357	270	17	14	-	120
-	50-250/185	50	50	124	740	407	170	237	357	270	17	14	-	130
-	50-250/220	50	50	124	740	407	170	237	357	270	17	14	-	140



NEW / NUEVO

TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- New centrifugal pump
- Original design by PURITY (patented)
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Quality bearing, wear resistance mechanical seal
- Nuevas bombas centrifugas
- Diseño original de PURITY (Patentado)
- Motor de eficiencia YE3 con Protección IP55 clase F
- Cuerpo de bomba con tratamiento anti-corrosión
- Impulsor en inox AISI304 o fundición de hierro
- Eje de la bomba en inox AISI304 o hierro galvanizado
- Rodamiento de calidad y cierre mecánico personalizado

APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Las Bombas centrífugas diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, anti incendio, riego, industria, circulación del agua, agricultura.

USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

Temperatura del liquido de -10 °C hasta +120 °C

Temperatura ambiente hasta +50 °C

Presión máxima en el cuerpo de la bomba 16 bar

Funcionamiento continuo S1

TECHNICAL DATA / DATOS TÉCNICOS

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp					
25-125	0.75	1	4	20	25x25	28	26x23x43
25-125A	0.75	1	3.6	16	25x25	27	26x23x43
25-160	1.5	2	4	32	25x25	39	30x27x43
25-160A	1.1	1.5	3.7	28	25x25	34	30x27x43
32-125	0.75	1	5	20	32x32	28	26x23x44
32-125A	0.75	1	4.5	16	32x32	28	26x23x44
32-160	1.5	2	4.5	32	32x32	39	32x27x50
32-160A	1.1	1.5	4	28	32x32	38	32x27x41
32-200	3	4	4.5	50	32x32	55	34x33x54
32-200A	2.2	3	4	44	32x32	74	34x33x54
40-100	0.75	1	6.3	12.5	40x40	32	26x23x44
40-125	1.1	1.5	6.3	20	40x40	34	26x23x44
40-125A	0.75	1	5.6	16	40x40	33	28x23x44
40-160	2.2	3	6.3	32	40x40	47	32x27x50
40-160A	1.5	2	5.9	28	40x40	43	32x27x50
40-160B	1.1	1.5	5.5	24	40x40	38	32x27x50
40-200	4	5.5	6.3	50	40x40	74	34x33x56
40-200A	3	4	5.9	44	40x40	62	34x33x56
40-200B	2.2	3	3.7	38	40x40	52	34x33x56
40-250	7.5	10	6.3	80	40x40	105	40x40x63
40-250A	5.5	7.5	5.9	70	40x40	98	40x40x63
40-250B	4	5.5	5.5	60	40x40	77	40x40x56
40-100(I)	1.1	1.5	12.5	12.5	40x40	34	30x23x45
40-100(I)A	0.75	1	11	10	40x40	32	30x23x45
40-125(I)	1.5	2	12.5	20	40x40	38	30x24x46
40-125(I)A	1.1	1.5	11	16	40x40	33	30x24x45
40-160(I)	3	4	12.5	32	40x40	56	34x30x55
40-160(I)A	2.2	3	11.7	28	40x40	47	34x30x51
40-200(I)	5.5	7.5	12.5	50	40x40	85	36x35x63
40-200(I)A	4	5.5	11.7	44	40x40	75	36x35x57
40-200(I)B	3	4	10.6	36	40x40	63	36x35x55
40-250(I)	11	15	12.5	80	40x40	145	45x43x78
40-250(I)A	7.5	10	11.6	70	40x40	95	45x36x65
40-250(I)B	7.5	10	10.8	60	40x40	94	45x36x65
50-100	1.1	1.5	12.5	12.5	50x50	36	29x23x45
50-100A	0.75	1	11	10	50x50	35	29x23x45
50-125	1.5	2	12.5	20	50x50	43	30x24x46
50-125A	1.1	1.5	11	16	50x50	38	30x24x45
50-160	3	4	12.5	32	50x50	59	32x30x55
50-160A	2.2	3	11.7	28	50x50	51	32x30x51
50-160B	1.5	2	10.4	22	50x50	47	32x40x49
50-200	5.5	7.5	12.5	50	50x50	101	36x35x63
50-200A	4	5.5	11.7	44	50x50	80	36x35x57
50-200B	3	4	10.6	36	50x50	68	36x35x55
50-250	11	15	12.5	80	50x50	160	44x43x78
50-250A	7.5	10	11.6	70	50x50	115	44x43x65
50-250B	7.5	10	10.8	60	50x50	114	44x36x65
50-100(I)	1.5	2	25	12.5	50x50	41	32x23x48
50-100(I)A	1.1	1.5	22.3	10	50x50	36	32x23x46
50-125(I)	3	4	25	20	50x50	56	34x28x55
50-125(I)A	2.2	3	22.3	16	50x50	48	34x28x52

50 Hz n=2900 1/min

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp					
50-160(I)	4	5.5	25	32	50x50	72	36x30x57
50-160(I)A	4	5.5	23.4	28	50x50	71	36x30x57
50-160(I)B	3	4	21.6	24	50x50	59	36x30x55
50-200(I)	7.5	10	25	50	50x50	108	38x35x64
50-200(I)A	7.5	10	23.5	44	50x50	107	38x35x64
50-200(I)B	5.5	7.5	21.8	38	50x50	100	38x35x64
50-250(I)	1.5	2	25	80	50x50	175	46x44x79
50-250(I)A	11	15	23.4	70	50x50	165	46x44x79
50-250(I)B	11	15	21.6	60	50x50	165	46x44x79
50-315(I)	30	40	25	125	50x50	310	55x51x92
50-315(I)A	22	30	23.7	113	50x50	245	55x47x86
50-315(I)B	18.5	25	22.5	101	50x50	215	55x44x83
65-100	1.5	2	25	12.5	65x65	46	32x23x47
65-100A	1.1	1.5	22.3	10	65x65	41	32x23x46
65-125	3	4	25	20	65x65	58	34x28x55
65-125A	2.2	3	22.3	16	65x65	49	34x28x52
65-160	4	5.5	25	32	65x65	75	36x31x57
65-160A	4	5.5	23.4	28	65x65	75	36x31x57
65-160B	3	4	21.6	24	65x65	63	36x31x55
65-200	7.5	10	25	50	65x65	107	38x35x63
65-200A	7.5	10	23.5	44	65x65	107	38x35x63
65-200B	5.5	7.5	21.8	38	65x65	100	38x35x63
65-250	15	20	25	80	65x65	180	48x44x79
65-250A	11	15	23.4	70	65x65	170	48x44x79
65-250B	11	15	21.6	60	65x65	170	48x44x79
65-315	30	40	25	125	65x65	320	55x51x92
65-315A	22	30	23.7	113	65x65	255	55x47x86
65-315B	18.5	25	22.5	101	65x65	225	55x44x83
65-100(I)	3	4	50	125	65x65	63	40x28x57
65-100(I)A	2.2	3	44.7	10	65x65	53	40x24x54
65-125(I)	5.5	7.5	50	20	65x65	99	40x36x66
65-125(I)A	4	5.5	45	16	65x65	78	40x32x60
65-160(I)	7.5	10	50	32	65x65	103	40x36x66
65-160(I)A	7.5	10	46.7	28	65x65	103	40x36x66
65-160(I)B	5.5	7.5	43.4	24	65x65	97	40x32x66
65-200(I)	15	20	50	50	65x65	176	45x43x80
65-200(I)A	11	15	47	44	65x65	166	45x43x80
65-200(I)B	7.5	10	43.3	38	65x65	114	45x43x67
65-250(I)	22	30	50	80	65x65	235	48x47x87
65-250(I)A	18.5	25	46.7	70	65x65	205	48x43x85
65-250(I)B	15	20	43.3	60	65x65	180	48x43x81
65-315(I)	37	50	50	125	65x65	350	58x53x100
65-315(I)A	30	40	46.5	110	65x65	335	58x53x100
80-100	3	4	50	125	80x80	63	40x28x57
80-100A	2.2	3	44.7	10	80x80	54	40x24x54
80-125	5.5	7.5	50	20	80x80	99	40x36x66
80-125A	4	5.5	45	16	80x80	79	40x32x60
80-160	7.5	10	50	32	80x80	105	40x36x66
80-160A	7.5	10	46.7	28	80x80	105	40x36x66
80-160B	5.5	7.5	43.4	24	80x80	98	40x36x66
80-200	15	20	50	50	80x80	175	43x43x80

TECHNICAL DATA / DATOS TÉCNICOS

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp	m³/h	m	mm	kg	cm
80-200A	11	15	47	44	80x80	165	43x43x80
80-200B	7.5	10	43.3	38	80x80	115	43x36x66
80-250	22	30	50	80	80x80	240	48x47x87
80-250A	18.5	25	46.7	70	80x80	210	48x43x85
80-250B	15	20	43.3	60	80x80	185	48x43x81
80-315	37	50	50	125	80x80	355	58x53x100
80-315A	30	40	46.5	110	80x80	340	58x53x100
80-315B	30	40	44.5	100	80x80	340	58x53x100
80-315C	22	30	41	85	80x80	275	58x47x89
80-350	55	75	50	150	80x80	535	64x64x117
80-350A	45	60	44.5	142	80x80	420	64x58x108
80-350B	37	50	41	135	80x80	366	64x52x104
80-100(I)	5.5	7.5	100	12.5	80x80	108	46x36x68
80-100(I)A	4	5.5	89	10	80x80	87	46x36x62
80-125(I)	11	15	100	20	80x80	163	45x43x81
80-125(I)A	7.5	10	89	16	80x80	113	45x35x67
80-160(I)	15	20	100	32	80x80	184	50x43x84
80-160(I)A	11	15	93.5	28	80x80	174	50x43x84
80-160(I)B	11	15	86.6	24	80x80	174	50x43x84
80-200(I)	22	30	100	50	80x80	251	48x48x88
80-200(I)A	18.5	25	93.5	44	80x80	220	48x43x86
80-200(I)B	15	20	87	38	80x80	198	48x43x81
80-250(I)	37	50	100	80	80x80	330	55x52x102
80-250(I)A	30	40	93.5	70	80x80	315	55x52x102
80-250(I)B	30	40	87	60	80x80	315	55x52x102
80-315(I)	75	100	100	125	80x80	675	64x70x124
80-315(I)A	55	75	95	113	80x80	535	64x64x117
80-315(I)B	45	60	90	101	80x80	420	64x58x108
80-315(I)C	37	50	82	85	80x80	366	64x52x104
100-100	5.5	7.5	100	12.5	100x100	113	46x36x67
100-100A	4	5.5	89	10	100x100	91	46x32x62
100-125	11	15	100	20	100x100	169	44x43x81
100-125A	7.5	10	89	16	100x100	118	45x35x67
100-160	15	20	100	32	100x100	191	50x43x84
100-160A	11	15	93.5	28	100x100	181	50x43x84
100-160B	11	15	86.6	24	100x100	181	50x43x84
100-200	22	30	100	50	100x100	245	48x48x88
100-200A	18.5	25	93.5	44	100x100	215	48x43x86
100-200B	15	20	87	38	100x100	193	48x43x82
100-250	37	50	100	80	100x100	345	55x52x102
100-250A	30	40	93.5	70	100x100	330	55x52x102
100-250B	30	40	87	60	100x100	330	55x52x102
100-315	75	100	100	125	100x100	689	64x70x124
100-315A	55	75	95	113	100x100	549	64x64x117
100-315B	45	60	90	101	100x100	439	64x58x108
100-350	90	120	100	150	100x100	950	68x63x131
100-350A	75	100	88	142	100x100	830	68x63x126
100-350B	55	75	80	135	100x100	600	68x61x119
100-100(II)	11	15	160	12.5	100x100	115	50x42x80
100-125(II)	15	20	160	20	100x100	168	50x30x81
100-125(II)A	11	15	140	17	100x100	168	50x28x81

50 Hz n=2900 1/min

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp	m³/h	m	mm	kg	cm
100-160(II)	2.2	30	160	32	100x100	210	50x33x89
100-160(II)A	18.5	25	140	28	100x100	210	50x33x89
100-200(II)	37	50	160	50	100x100	402	54x36x97
100-200(II)A	30	40	140	45	100x100	395	54x35x97
100-200(II)B	22	30	100	40	100x100	360	54x35x97
100-250(II)	55	75	160	80	100x100	560	60x44x112
100-250(II)A	45	60	140	72	100x100	420	60x36x112
100-250(II)B	37	50	100	65	100x100	400	60x36x112
125-100	11	15	160	12.5	125x125	180	52x43x83
125-100A	7.5	10	143	10	125x125	125	52x36x83
125-125	15	20	160	20	125x125	220	52x43x84
125-125A	11	15	143	16	125x125	210	52x43x84
125-160	22	30	160	32	125x125	265	52x46x92
125-160A	18.5	25	150	28	125x125	230	52x43x89
125-160B	15	20	138	24	125x125	215	52x43x85
125-200	37	50	160	50	125x125	395	57x51x104
125-200A	30	40	150	44	125x125	380	57x51x104
125-200B	22	30	138	37.5	125x125	320	57x46x104
125-250	55	75	160	80	125x125	580	68x66x118
125-250A	45	60	150	70	125x125	490	68x57x108
125-250B	37	50	138	60	125x125	430	68x51x105
125-315	90	120	160	125	125x125	790	68x69x135
125-315A	75	100	150	110	125x125	710	68x69x130
125-315B	75	100	143	100	125x125	705	68x69x135
125-315C	55	75	134	88	125x125	585	68x66x123
125-350	110	150	160	150	125x125	980	76x90x156
125-350A	90	120	150	142	125x125	800	76x70x133
125-350B	75	100	143	135	125x125	724	76x70x121
150-125	11	15	160	20	150x150	210	52x43x84
150-125A	7.5	10	150	16	150x150	130	52x43x84
150-160	22	30	160	32	150x150	270	52x43x85
150-160A	18.5	25	150	28	150x150	230	52x43x85
150-160B	15	20	140	24	150x150	220	52x43x85
150-200	37	50	160	50	150x150	395	57x51x104
150-200A	30	40	150	44	150x150	380	57x51x104
150-200B	22	30	138	37.5	150x150	320	57x46x104
150-250	75	100	160	80	150x150	702	70x70x128
150-250A	55	75	150	70	150x150	561	70x64x120
150-250B	45	60	138	60	150x150	460	70x59x112
150-315	110	150	200	125	150x150	980	76x90x156
150-315A	90	120	187	110	150x150	800	76x70x133
150-315B	75	100	173	95	150x150	724	76x70x121
150-350	110	150	160	150	150x150	980	76x90x156
150-350A	90	120	150	142	150x150	800	76x70x133
150-350B	75	100	140	135	150x150	724	76x70x121
150-250(II)	75	100	200	80	150x150	702	70x70x128
150-250(II)A	55	75	187	70	150x150	561	70x64x120
150-250(II)B	45	60	173	60	150x150	460	70x59x112
150-315(II)	110	150	200	125	150x150	980	76x90x156
150-315(II)A	90	120	187	110	150x150	800	76x70x133
150-315(II)B	75	100	173	95	150x150	724	76x70x121

TECHNICAL DATA / DATOS TÉCNICOS

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp	m³/h	m			
40-125(I)/4	0.55	0.75	6.3	5	40x40	42	34x30x55
40-160(I)/4	0.55	0.75	6.3	8	40x40	43	34x30x55
40-160(I)A/4	0.55	0.75	5.5	6	40x40	30	34x30x55
40-200(I)/4	0.75	1	6.3	12.5	40x40	45	36x35x64
40-200(I)A/4	0.55	0.75	5.8	11	40x40	44	36x35x57
40-250(I)/4	1.5	2	6.3	20	40x40	54	45x43x78
40-250(I)A/4	1.1	1.5	5.8	17	40x40	49	45x36x65
50-160/4	0.75	1	6.3	8	50x50	42	32x30x55
50-200/4	0.75	1	6.3	12.5	50x50	48	36x35x64
50-200A/4	0.75	1	5.5	9.5	50x50	46	36x35x57
50-250/4	1.5	2	6.3	20	50x50	58	44x43x78
50-250A/4	1.1	1.5	5.8	17	50x50	50	44x36x65
50-125(I)/4	0.55	0.75	12.5	5	50x50	44	34x28x55
50-160(I)/4	0.55	0.75	12.5	8	50x50	46	36x31x57
50-160(I)A/4	0.55	0.75	11	6	50x50	44	36x31x57
50-200(I)/4	1.1	1.5	12.5	12.5	50x50	52	38x35x64
50-200(I)A/4	0.75	1	11.2	10	50x50	48	38x35x64
50-250(I)/4	2.2	3	12.5	20	50x50	73	46x44x79
50-250(I)A/4	1.5	2	11.7	17.5	50x50	65	46x44x79
50-250(I)B/4	1.1	1.5	10	13	50x50	60	46x44x79
50-315(I)/4	4	5.5	12.5	32	50x50	89	55x51x92
50-315(I)A/4	3	4	11.7	28	50x50	84	55x47x86
50-315(I)B/4	3	4	10	21	50x50	82	55x44x83
65-125/4	0.55	0.75	12.5	5	65x65	41	34x28x55
65-160/4	0.75	1	12.5	8	65x65	46	36x31x57
65-160A/4	0.55	0.75	11	6	65x65	35	36x31x57
65-200/4	1.1	1.5	12.5	12.5	65x65	52	38x35x64
65-200A/4	0.75	1	11.2	10	65x65	48	38x35x64
65-250/4	2.2	3	12.5	20	65x65	76	48x44x79
65-250A/4	1.5	2	11.7	17.5	65x65	68	48x44x79
65-250B/4	1.1	1.5	10	13	65x65	63	48x44x79
65-315/4	4	5.5	12.5	32	65x65	89	55x51x92
65-315A/4	3	4	11.7	28	65x65	85	55x47x86
65-315B/4	3	4	10	21	65x65	82	55x44x84
65-125(I)/4	0.75	1	25	5	65x65	49	40x36x66
65-160(I)/4	1.1	1.5	25	8	65x65	54	40x36x66
65-160(I)A/4	0.75	1	22	6	65x65	48	40x36x66
65-200(I)/4	2.2	3	25	12.5	65x65	71	45x43x80
65-200(I)A/4	1.5	2	23.3	11	65x65	62	45x43x80
65-250(I)/4	3	4	25	20	65x65	85	48x47x87
65-250(I)A/4	3	4	22.2	15.8	65x65	80	48x43x85
65-250(I)B/4	2.2	3	20	12.8	65x65	74	48x43x81
65-315(I)/4	5.5	7.5	25	32	65x65	120	58x53x100
65-315(I)A/4	4	5.5	22.5	26	65x65	110	58x53x100
65-315(I)B/4	4	5.5	20	21	65x65	100	58x53x100
80-125/4	0.75	1	25	5	80x80	48	40x36x66
80-160/4	1.5	2	25	8	80x80	55	40x36x66
80-160A/4	1.1	1.5	22	6	80x80	51	40x36x66
80-200/4	2.2	3	25	12.5	80x80	72	43x43x80
80-200A/4	1.5	2	23.3	10	80x80	64	43x43x80
80-250/4	3	4	25	20	80x80	89	48x47x87

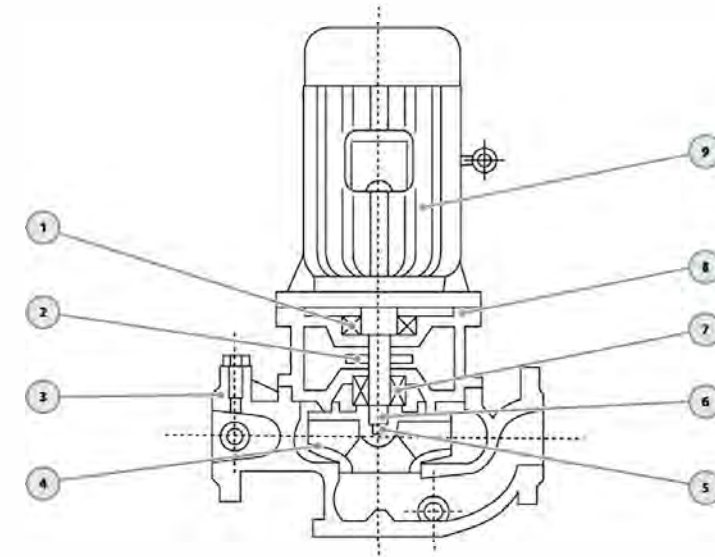
TECHNICAL DATA / DATOS TÉCNICOS

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp					
			m³/h	m	mm	kg	
125-315A/4	11	15	95	27	125x125	282	68x69x135
125-315B/4	11	15	87	24	125x125	245	68x69x135
125-400/4	30	40	100	50	125x125	375	71x54x105
125-400A/4	22	30	94	44	125x125	295	71x54x105
125-400B/4	18.5	25	87	37.5	125x125	257	71x54x100
125-200(I)/4	11	15	200	12.5	125x125	244	68x44x64
125-200(I)A/4	7.5	10	179	10	125x125	210	68x42x62
125-250(I)/4	15	20	200	20	125x125	265	68x42x91
125-250(I)A/4	11	15	184.4	17	125x125	241	68x42x91
125-250(I)B/4	7.5	10	167	14	125x125	210	68x42x85
125-315(I)/4	22	30	200	32	125x125	335	74x47x98
125-315(I)A/4	18.5	25	187	28	125x125	315	74x44x95
125-315(I)B/4	15	20	173	24	125x125	265	74x44x95
125-400(I)/4	45	60	200	50	125x125	490	78x57x107
125-400(I)A/4	37	50	187	44	125x125	454	78x56x105
125-400(I)B/4	30	40	160	38	125x125	435	78x56x105
150-200/4	15	20	200	12.5	150x150	265	68x44x93
150-200A/4	11	15	179	10	150x150	244	68x44x89
150-250/4	18.5	25	200	20	150x150	300	70x48x96
150-250A/4	15	20	184.4	17	150x150	262	70x48x94
150-250B/4	11	15	167	14	150x150	241	70x45x90
150-315/4	30	40	200	32	150x150	410	76x53x108
150-315A/4	22	30	187	28	150x150	335	76x51x100
150-315B/4	18.5	25	173	24	150x150	315	76x51x96
150-400/4	45	60	200	50	150x150	490	80x60x112
150-400A/4	37	50	187	44	150x150	454	80x60x110
150-400B/4	30	40	174	38	150x150	435	80x56x108
150-400C/4	22	30	160	32	150x150	365	80x54x100
150-200(I)/4	15	20	200	12.5	150x150	265	68x44x93
150-200(I)A/4	11	15	179	10	150x150	244	68x44x89
150-250(I)/4	18.5	25	200	20	150x150	305	75x48x96
150-250(I)A/4	15	20	187	17.5	150x150	267	75x48x94
150-250(I)B/4	11	15	173	14	150x150	246	75x45x90
150-315(I)/4	30	40	200	32	150x150	417	80x53x108
150-315(I)A/4	22	30	187	28	150x150	342	80x51x100
150-315(I)B/4	18.5	25	173	24	150x150	322	80x51x96
150-400(I)/4	45	60	200	50	150x150	498	86x60x112
150-400(I)A/4	37	50	187	44	150x150	462	86x60x110
150-400(I)B/4	30	40	173	37.5	150x150	443	86x56x108
150-400(I)C/4	22	30	160	32	150x150	373	86x54x100
200-200/4	15	20	200	12.5	200x200	265	68x44x93
200-200A/4	11	15	179	10	200x200	244	68x44x89
200-250/4	18.5	25	200	20	200x200	305	75x48x96
200-250A/4	15	20	184.4	17	200x200	267	75x48x94
200-250B/4	11	15	179	14	200x200	246	75x45x90
200-315/4	30	40	200	32	200x200	417	80x53x108
200-315A/4	22	30	187	28	200x200	342	80x51x100
200-315B/4	18.5	25	173	24	200x200	322	80x51x96
200-400/4	45	60	200	50	200x200	498	86x60x112

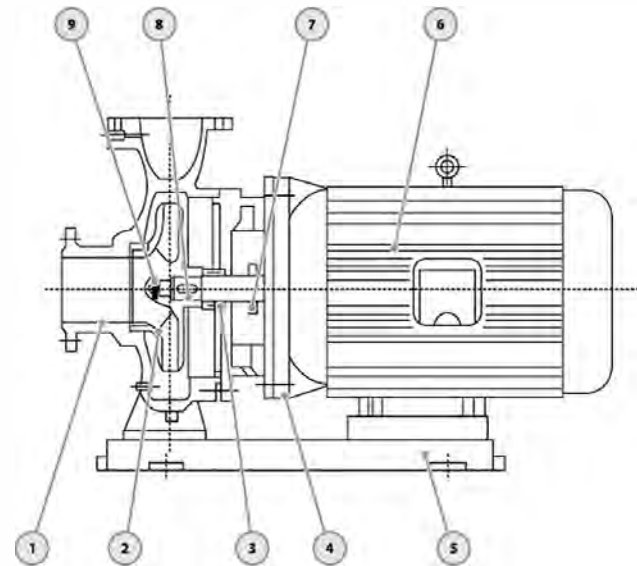
50 Hz n=1450 1/min

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp	m³/h	m	mm	kg	cm
200-400A/4	37	50	187	44	200x200	462	86x60x110
200-400B/4	30	40	174	38	200x200	443	86x56x108
200-400C/4	22	30	160	32	200x200	373	86x54x100
200-200(I)/4	22	30	400	12.5	200x200	382	81x53x103
200-200(I)A/4	18.5	25	358	10	200x200	346	81x53x97
200-250(I)/4	30	40	400	20	200x200	475	83x53x111
200-250(I)A/4	22	30	358	16	200x200	405	83x51x104
200-250(I)B/4	18.5	25	322	13	200x200	387	83x51x100
200-315(I)/4	55	75	400	32	200x200	675	86x65x127
200-315(I)A/4	45	60	374	28	200x200	560	86x63x118
200-315(I)B/4	37	50	346	24	200x200	535	86x63x115
200-400(I)/4	75	100	400	50	200x200	830	88x70x134
200-400(I)A/4	75	100	374	44	200x200	830	88x70x134
200-400(I)B/4	55	75	346	38	200x200	685	88x64x127
200-400(I)C/4	45	60	320	32	200x200	580	88x60x119
250-250/4	45	60	550	20	250x250	620	111x55x115
250-250A/4	37	50	500	17	250x250	550	111x55x115
250-315/4	75	100	550	32	250x250	890	111x64x135
250-315A/4	55	75	500	28	250x250	690	111x64x135
250-315B/4	45	60	450	24	250x250	620	111x64x135
250-400/4	110	150	500	50	250x250	1530	120x90x156
250-400A/4	90	120	500	44	250x250	1320	120x90x146
250-400B/4	75	100	450	38	250x250	950	120x90x136
250-500/4	200	270	550	80	250x250	2000	130x90x192
250-500A/4	160	215	506	71	250x250	1850	130x90x173
250-500B/4	132	176	466	63.5	250x250	1750	130x90x169
300-250/4	55	75	720	20	300x300	690	125x60x151
300-250A/4	45	60	600	17	300x300	620	125x60x142
300-315/4	90	120	720	32	300x300	1320	100x67x153
300-315A/4	75	100	650	28	300x300	950	100x67x148
300-315B/4	55	75	580	24	300x300	750	100x67x148
300-400/4	110	150	720	50	300x300	1530	150x67x177
300-400A/4	110	150	637	44	300x300	1530	150x67x173
300-400B/4	90	120	563	38	300x300	1320	150x67x170
300-400C/4	75	100	561	33	300x300	950	150x67x153
300-500/4	250	335	720	80	300x300	2300	150x90x196
300-500A/4	200	270	675	70	300x300	2000	150x90x196
300-500B/4	160	215	625	60	300x300	1850	150x90x196
350-315/4	90	120	800	32	350x350	1650	130x68x140
350-315A/4	75	100	1080	17	350x350	1250	130x68x140
350-400/4	160	215	800	50	350x350	1950	130x68x182
350-400A/4	132	176	1080	28	350x350	1750	130x68x172
350-315(I)/4	160	215	1200	32	350x350	1950	130x68x182
350-315(I)A/4	132	176	1092	28	350x350	1750	130x68x172
350-315(I)B/4	110	150	994	25	350x350	1530	130x68x162
350-400(I)/4	250	335	1200	50	350x350	2300	130x68x182
350-400(I)A/4	250	335	1092	44	350x350	2300	130x68x182
350-400(I)B/4	200	270	994	38.5	350x350	2000	130x68x172
150-500B/4	55	75	166	62	150x150	569	86x65x112

MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Bearing Rodamiento	Ball Bearing Bola Rodamiento	4	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	7	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304
2	Water Deflector Deflector	Rubber Caucho	5	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado	8	Connection Conexión	Cast iron Fundición
3	Pump Case Cuerpo de Bomba	Cast iron Fundición	6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	9	Motor Motor	IP55 Class F IP55 Clase F



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	4	Connection Conexión	Cast iron Fundición	7	Water Deflector Deflector	Rubber Caucho
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	5	Base Base	Cast iron Fundición	8	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	6	Motor Motor	IP55 Class F IP55 Clase F	9	Impeller Key Chaveta Impulsor	Iron Hierro



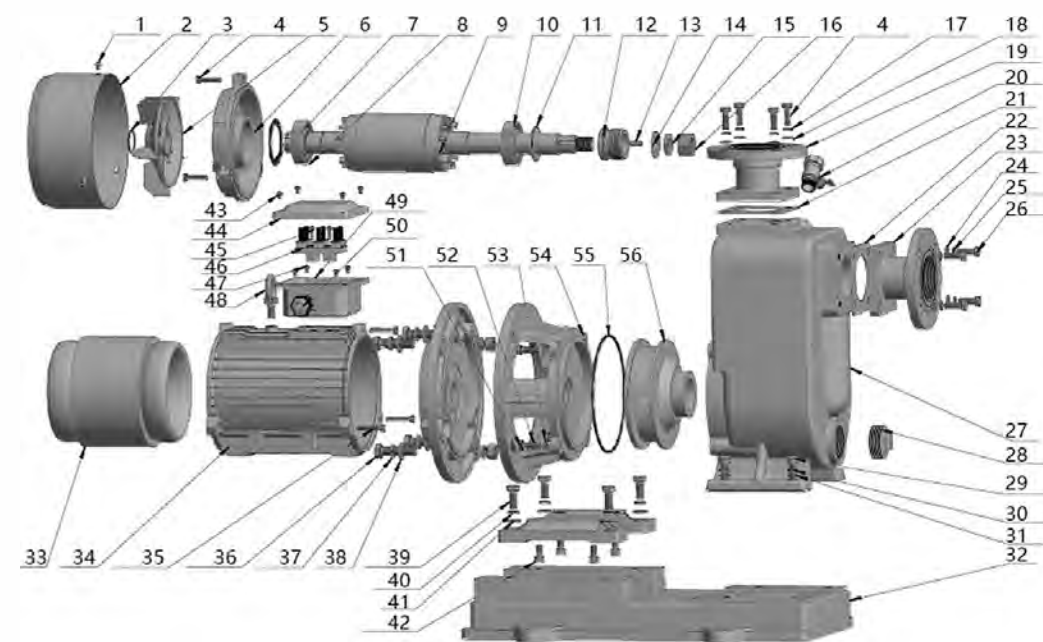
TECHNICAL DATA / DATOS TÉCNICOS

MODEL	Flow (m³/h)	Head (m)	Power (kw)	Diameter (inch/mm)	Voltage (V)	Speed (r/min)	Suction (m)
40BZ20-1.5	10	20	1.5	1.5/40	220	2900	6
40BZ20-1.5	10	20	1.5	1.5/40	380	2900	6
50BZ25-2.2	10	25	2.2	2/50	380	2900	6
65BZ15-2.2	25	15	2.2	2.5/65	380	2900	6
50BZ32-3	10	32	3	2/50	380	2900	7
50BZ35-4	14	35	4	2/50	380	2900	7
50BZ50-5.5	20	50	5.5	2/50	380	2900	6
65BZ20-3	25	20	3	2.5/65	380	2900	6
65BZ30-4	25	30	4	2.5/65	380	2900	6
65BZ40-5.5	25	40	5.5	2.5/65	380	2900	6
80BZ30-7.5	50	30	7.5	3/80	380	2900	6
100BZ20-7.5	100	20	7.5	4/100	380	2900	5
80BZ50-11	47	50	11	3/80	380	2900	5
100BZ32-15	100	32	15	4/100	380	2900	5
100BZ50-22	100	50	22	4/100	380	2900	5

MODEL	Flow (m³/h)	Head (m)	Power (kw)	Diameter (inch/mm)	Voltage (V)	Speed (r/min)	Suction (m)
40ZW8-15-1.5	8	15	1.5	1.5/40	380	2900	6
50ZW10-20-2.2	10	20	2.2	2/50	380	2900	6
50ZW15-30-3	15	30	3	2/50	380	2900	6
65ZW20-25-4	20	25	4	2.5/65	380	2900	6
65ZW30-18-4/4P	30	18	4	2.5/65	380	1450	7
80ZW40-16-4/4P	40	16	4	3/80	380	1450	7
65ZW20-30-5.5	20	30	5.5	2.5/65	380	2900	7
80ZW50-20-5.5	50	20	5.5	3/80	380	2900	6
80ZW65-25-7.5	65	25	7.5	3/80	380	2900	6
100ZW100-15-7.5/4P	100	15	7.5	4/100	380	1450	6
65ZW40-50-11	40	50	11	2.5/65	380	2900	5
80ZW65-55-15	65	55	15	3/80	380	2900	5
150ZW180-14-15/4P	180	14	15	6/150	380	1450	5
100ZW100-35-22	100	35	22	4/100	380	2900	5

TECHNICAL DATA / DATOS TÉCNICOS

MODEL	Flow (m³/h)	Head (m)	Power (kw)	Diameter (inch/mm)	Voltage (V)	Speed (r/min)
25W-2-100	2	100	2.2	1/25	380	2900
25W-2.4-105	2.4	105	3	1/25	380	2900
25W-2.5-120	2.5	120	3	1/25	380	2900
40W-5.4-120	5.4	40	4	1.5/40	380	2900
50W-9-45	9	45	5.5	2/50	380	2900
40W-6.5-130	6.5	130	4	1.5/40	380	2900
40W-5-160	5	160	7.5	1.5/40	380	2900
40W-5-220	5	220	11	1.5/40	380	2900
40W-5-260	5	260	15	1.5/40	380	2900



No.	Description
1	Cross screw
2	Fan cover
3	Circlip
4	External hexagon screw
5	Wind blade
6	Rear end cover
7	Wave pad
8	Bearing
9	Rotor
10	Bearing
11	Water deflector
12	Mechanical seal
13	Flat key
14	Flat gasket

No.	Description
15	Spring washer
16	Nut
17	Spring washer
18	Flat gasket
19	Water outlet connector
20	Water injection valve
21	Flat leather pad
22	Flat leather pad
23	Water inlet joint
24	Flat gasket
25	Spring washer
26	External hexagon screw
27	Pump head
28	Drain screw

No.	Description
29	External hexagon screw
30	Spring washer
31	Flat gasket
32	Floor
33	Coil
34	Motor cylinder
35	External hexagon screw
36	External hexagon screw
37	Spring washer
38	Flat gasket
39	External hexagon screw
40	Spring washer
41	Flat gasket
42	Hexagonal socket screw

No.	Description
43	Cross screw
44	Terminal box cover
45	Cross screw
46	Terminal
47	Cross screw
48	Rings
49	Terminal box base
50	Outgoing sheath
51	External hexagon screw
52	Spring washer
53	Flat gasket
54	Connect
55	"O" ring
56	Impeller



NEW / NUEVO

TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New self-priming centrifugal pump
- ▶ Original design by PURITY (patented)
- ▶ Both square motor & round motor available
- ▶ YE3 high efficient motor, with protection IP55 class F
- ▶ Pump case with anti-corrosive coating
- ▶ Impeller in stainless steel AISI 304 or cast iron
- ▶ Shaft in stainless steel AISI 304 or galvanized iron
- ▶ Suction and discharge port in G20 thread
- ▶ Quality NSK bearing, wear resistance mechanical seal

- ▶ Nuevas bombas centrífugas autocebantes
- ▶ Diseño original de PURITY (Patentado)
- ▶ Motor redondo y cuadrado disponible
- ▶ Motor de eficiencia YE3 con Protección IP55 clase F
- ▶ Cuerpo de bomba con tratamiento anti-corrosión
- ▶ Impulsor en inox AISI304 o fundición
- ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
- ▶ Aspiración e impulsión en fundición G20 roscada
- ▶ Rodamiento de marca NSK y cierre mecánico personalizado

APPLICATIONS / APLICACIONES

Suitable for use with liquids that are not chemically aggressive towards the materials from which the pump is made.
The self-priming centrifugal pumps are recommended for use in water supply systems, washing systems, pressure systems, irrigation pumps, liquids transfer.

Son recomendadas para bombear sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba. Las Bombas centrífugas autocebante diseñadas para abastecimiento de agua, sistemas de lavado, sistemas de presión, riego, trasiego de agua.

USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between -10°C and $+120^{\circ}\text{C}$
Ambient temperature up to $+50^{\circ}\text{C}$
Max. working pressure **16 bar**
Continuous service **S1**

*Temperatura del líquido de -10°C hasta $+120^{\circ}\text{C}$
Temperatura ambiente hasta $+50^{\circ}\text{C}$
Presión máxima en el cuerpo de la bomba **16 bar**
Funcionamiento continuo **S1***

PATENTS / PATENTES

Registered model PXZ
Registered Patent Design n° 201530016935.4

*Registrado modelo PXZ
Registrado patente diseño n° 201530016935.4*

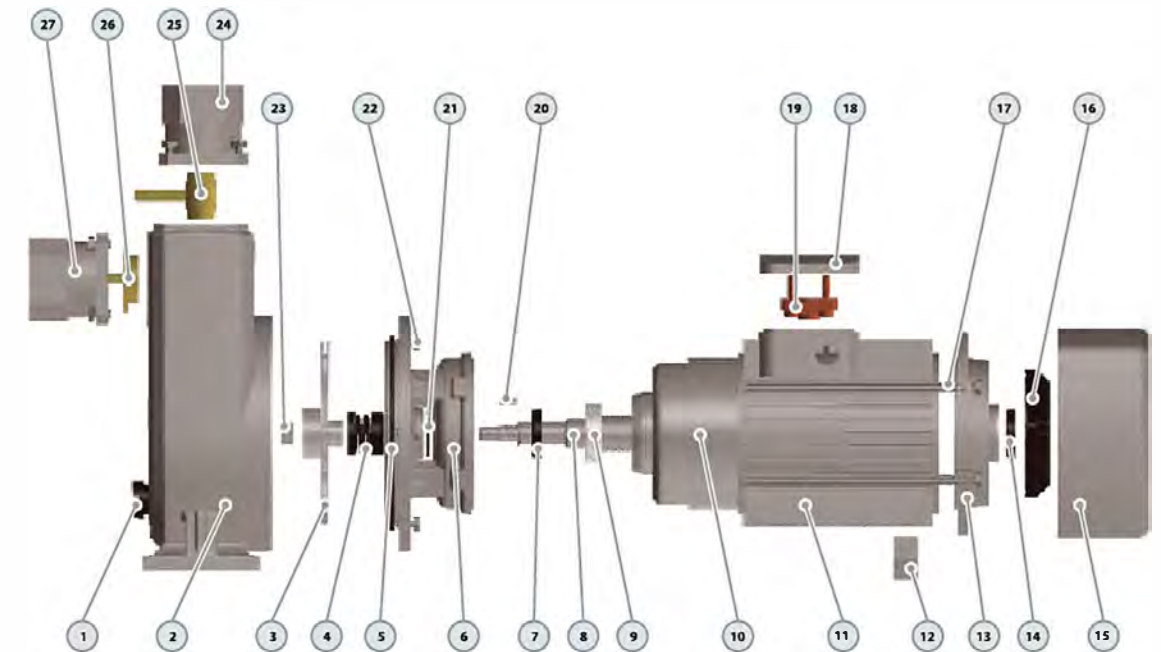
TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1/min

MODEL MODELO		Power Potencia		Max Q Q máximo	Max H H máximo	Rated Q Q nominal	Rated H H nominal	Suction H H aspiración	RPM	Impeller Impulsor	DN
Single-phase Monofásico	Three-phase Trifásico	hp	kw	m³/h	m	m³/h	m	m			mm
15-30-1.5m	15-30-1.5	1.5	2	15	30	8	23	8	2900	SS304 / Inox304	40x40
18-28-1.5m	18-28-1.5	1.5	2	18	28	10	20	8	2900	SS304 / Inox304	50x50
18-35-2.2m	18-35-2.2	2.2	3	18	35	10	25	8	2900	SS304 / Inox304	40x40
20-32-2.2m	20-32-2.2	2.2	3	20	32	12	22	8	2900	SS304 / Inox304	50x50
22-40-3m	22-40-3	3	4	22	40	12	28	8	2900	SS304 / Inox304	50x50
-	25-45-4	4	5.5	25	45	15	30	8	2900	SS304 / Inox304	50x50
W15-25-1.5m	W15-25-1.5	1.5	2	15	25	10	18	8	2900	Cast iron / Fundición	50x50
W18-30-2.2m	W18-30-2.2	2.2	3	18	30	10	20	8	2900	Cast iron / Fundición	50x50
W25-35-3m	W25-35-3	3	4	25	35	12	22	8	2900	Cast iron / Fundición	50x50
-	W28-38-4	4	5.5	28	38	15	25	8	2900	Cast iron / Fundición	50x50

W=Sewage water available/ Aguas sucias disponible

MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Release Valve Tapón Cebado	Plastic Plástico	10	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	19	Terminal Board Tablero de Bomes	Plastic Plástico
2	Pump Case Cuerpo de Bomba	Cast iron Fundición	11	Motor Case Cuerpo de Motor	Aluminum Aluminio	20	Impeller Key Chaveta Impulsor	Iron Hierro
3	Impeller Impulsor	SS304/Cast iron Inox304/Fundición	12	Support Foot Soporte Pie	Plastic Plástico	21	Water Deflector Deflector	Rubber Caucho
4	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	13	Back Cover Tapa Trasera	Cast iron Fundición	22	Connection Bolt Perno	Steel Acero
5	O-ring Junta Tórica	Rubber Caucho	14	Reinforced Seal Sello Reforzado	Rubber Caucho	23	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
6	Connection Conexión	Cast iron Fundición	15	Fan Cover Tapa Ventilador	Aluminum Aluminio	24	Discharge Impulsión	Cast iron Fundición
7	Reinforced Seal Sello Reforzado	Rubber Caucho	16	Fan Ventilador	Plastic Plástico	25	Ball Valve Válvula Bola	Brass Bronce
8	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	17	Through Bolt Perno	Steel Acero	26	Check Valve Válvula Retención	Brass Bronce
9	Bearing Rodamiento	Ball Bearing Bola Rodamiento	18	Terminal Box Caja de Bomes	Aluminum Aluminio	27	Suction Aspiración	Cast iron Fundición