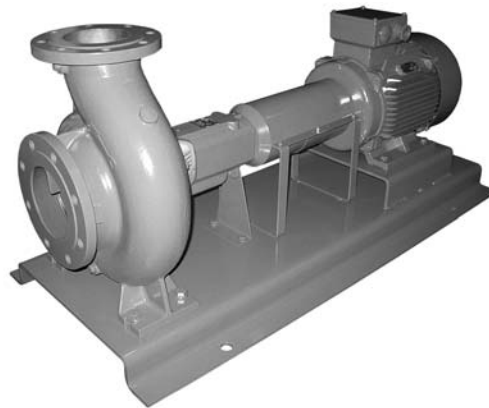
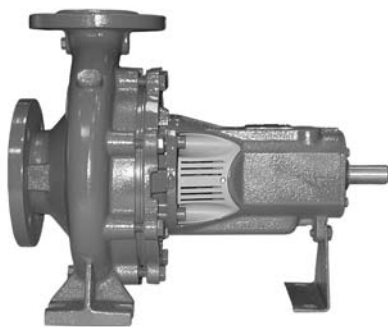


ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

Bomba horizontal de un escalón y de una entrada. Cuerpo en espiral con patas de apoyo fundidas conjuntamente con el cuerpo y soporte cojinete con pata de apoyo (forma construcción de proceso). Boca de aspiración axial y boca de impulsión radial hacia arriba. Rodete radial cerrado, dispuesto en voladizo. Compensación hidráulica mediante orificios de descarga en el rodete. Soporte con rodamientos de bolas lubricados de por vida. Estanqueidad del eje mediante cierre mecánico según DIN 24960 (Opcional empaquetadura).

Adecuada para abastecimientos de aguas a municipios o industrias, riego, desagües y drenajes, calefacción y climatización, agua caliente y de refrigeración, agua potable y agua de mar, agua contra incendios.



DATOS TÉCNICOS

Gama:	Tamaño nominal de bocas. DN	32 - 350
	Velocidad máxima	3.600 r.p.m.
Fluidos:	Características	Líquidos limpios
	Temperatura máxima	120°C - 140°C - 120°C
	Máxima presión de trabajo	10 bar - 9 bar - 16 bar
Materiales estándar:	Cuerpo de impulsión	Fundición GG25 - Fundición GG25 - Fundición GGG40
	Impulsor	Fundición GG25 - Bronce GS _n Bz 10 - Fundición GG25
	Eje	AISI 420
Rodamientos:	Tipo	Rodamiento de bolas engrasados de por vida
Accionamiento:	Motor	Eléctrico, explosión, turbina de vapor

CONSTRUCCIÓN ESTÁNDAR

- DN aspiración 50 a 500
- Velocidad máx. 3.600 r.p.m.
- Líquidos Líquidos claros
- Temperatura máx. 120°C
- Presión máx. 16 bar
- Cuerpo de bomba GG25
- Impulsor GG25
- Eje AISI 420
- Soporte de cojinetes Rodamiento de bolas engrasados de por vida
- Estanqueidad Cierre mecánico (Carburo de silicio / Carbón / EPDM)

MOTORES

Según necesidades

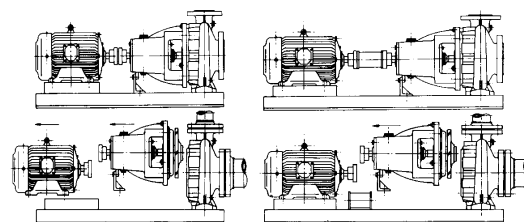
OPCIONES

Otras ejecuciones, ver catálogo individual.

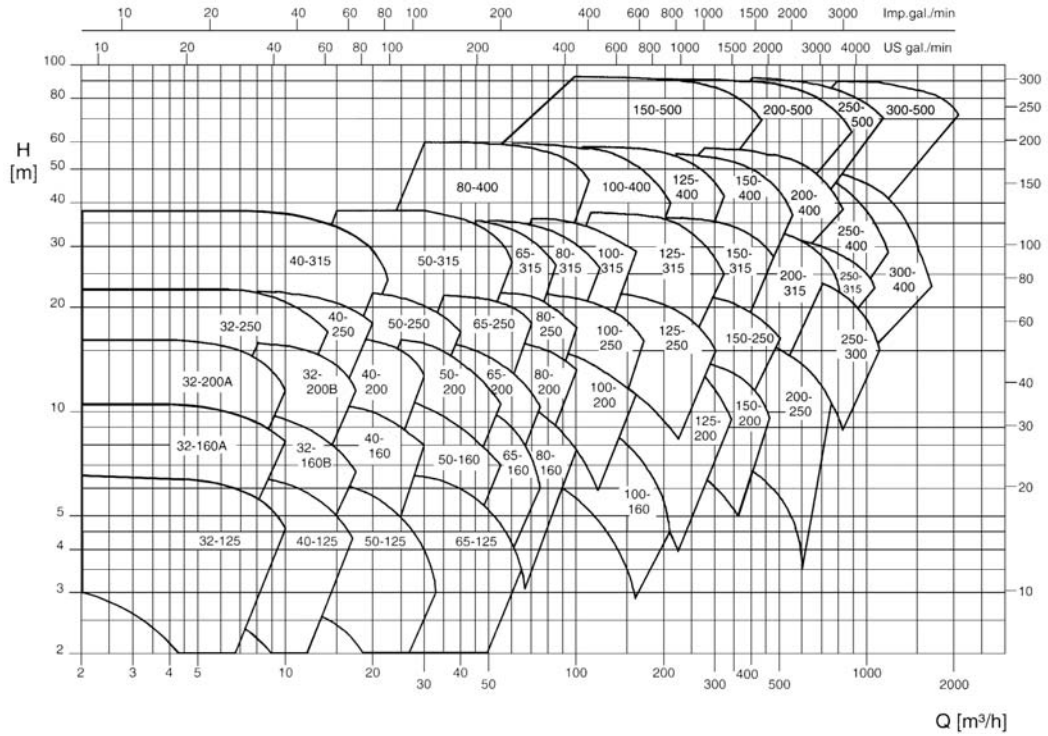
MONTAJE

Sin espaciador

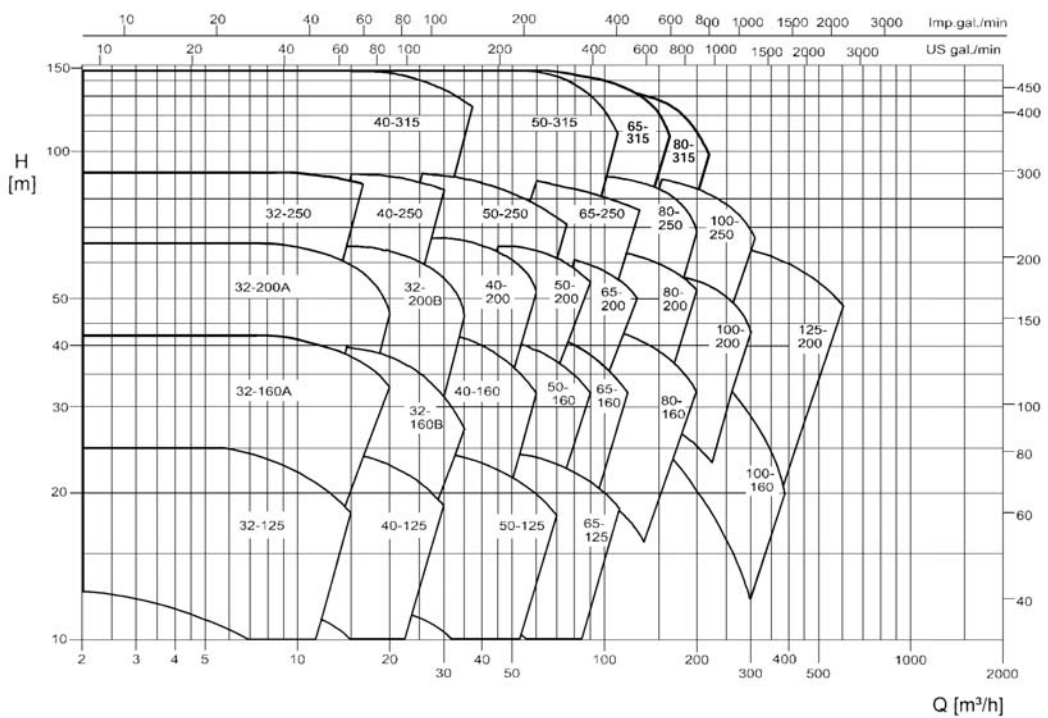
Con espaciador



CAMPO DE TRABAJO a 1.450 r.p.m.



CAMPO DE TRABAJO a 2.900 r.p.m.



ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

TABLA DE SELECCIÓN - 2.900 r.p.m.

		CAUDAL (m³/h)														
		6	7	8	9	10	12	14	16	18	20	25	30	35	40	45
12	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	50-125	65-125
	0,40-55	0,50-55	0,50-75	0,50-75	0,60-75	0,7-1,1	0,8-1,1	0,8-1,1	0,9-1,5	1,0-1,5	1,3-2,2	1,5-2,2	1,7-2,2	2,2-3,0	2,7-3,0	2,5-3,0
13	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,50-75	0,50-75	0,50-75	0,60-75	0,60-75	0,7-1,1	0,8-1,1	0,9-1,1	1,0-1,5	1,1-1,5	1,4-2,2	1,6-2,2	1,9-3,0	2,1-3,0	2,5-3,0	2,6-4,0
14	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,50-75	0,50-75	0,60-75	0,60-75	0,7-1,1	0,8-1,1	0,9-1,1	1,0-1,5	1,1-1,5	1,2-1,5	1,4-2,2	1,7-2,2	2,0-3,0	2,3-3,0	2,6-4,0	2,8-4,0
15	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,50-75	0,60-75	0,60-75	0,7-1,1	0,7-1,1	0,8-1,1	1,0-1,5	1,1-1,5	1,1-1,5	1,2-1,5	1,5-2,2	1,8-3,0	2,1-3,0	2,4-3,0	2,8-4,0	3,0-4,0
16	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,60-75	0,60-75	0,7-1,1	0,7-1,1	0,8-1,1	0,9-1,1	1,0-1,5	1,1-1,5	1,2-1,5	1,3-2,2	1,6-2,2	2,0-3,0	2,2-3,0	2,5-4,0	2,9-4,0	3,1-4,0
17	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,60-75	0,7-1,1	0,7-1,1	0,8-1,1	0,8-1,1	0,9-1,5	1,1-1,5	1,2-1,5	1,3-2,2	1,4-2,2	1,7-2,2	2,1-3,0	2,3-3,0	2,6-4,0	3,0-4,0	3,3-5,5
18	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,7-1,1	0,7-1,1	0,8-1,1	0,8-1,1	0,9-1,5	1,0-1,5	1,1-1,5	1,3-2,2	1,4-2,2	1,5-2,2	1,8-2,2	2,2-3,0	2,5-3,0	2,8-4,0	3,1-4,0	3,4-5,5
19	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,7-1,1	0,7-1,1	0,8-1,1	0,9-1,1	0,9-1,1	1,0-1,5	1,2-1,5	1,3-2,2	1,4-2,2	1,6-2,2	1,9-3,0	2,3-3,0	2,6-4,0	2,9-4,0	3,3-4,0	3,6-5,5
20	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,7-1,1	0,8-1,1	0,8-1,1	0,9-1,1	1,0-1,5	1,1-1,5	1,2-1,5	1,4-2,2	1,5-2,2	1,6-2,2	2,0-3,0	2,4-3,0	2,7-4,0	3,0-4,0	3,4-5,5	3,8-5,5
22	32-125	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	65-125	65-125
	0,8-1,1	0,9-1,1	0,9-1,5	1,0-1,5	1,1-1,5	1,2-1,5	1,4-2,2	1,5-2,2	1,7-2,2	1,8-2,2	2,2-3,0	2,6-4,0	3,0-4,0	3,3-4,0	3,9-5,5	4,2-5,5
24	32-125	32-125	32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	50-125	50-125	40-160	40-160	50-160	50-160
	0,9-1,1	1,0-1,5	1,0-1,5	1,1-1,5	1,2-1,5	1,3-2,2	1,6-2,2	1,7-2,2	1,8-3,0	2,0-3,0	2,6-4,0	2,9-4,0	3,5-5,5	3,9-5,5	4,2-5,5	4,6-5,5
26	32-160A	32-160A	32-160A	32-160A	32-160A	40-125	32-160A	32-160A	32-160A	40-160	40-160	40-160	40-160	40-160	50-160	50-160
	1,1-1,5	1,2-1,5	1,3-2,2	1,4-2,2	1,5-2,2	1,6-2,2	1,9-3,0	2,1-3,0	2,3-3,0	2,5-4,0	2,9-4,0	3,3-4,0	3,7-5,5	4,2-5,5	4,6-5,5	4,9-7,5
28	32-160A	32-160A	32-160A	32-160A	32-160A	32-160A	32-160B	32-160B	32-160B	40-160	40-160	40-160	40-160	40-160	50-160	50-160
	1,2-1,5	1,3-2,2	1,4-2,2	1,5-2,2	1,6-2,2	1,9-3,0	2,1-3,0	2,3-3,0	2,5-3,0	2,7-4,0	3,1-4,0	3,5-5,5	4,0-5,5	4,5-5,5	4,9-7,5	5,3-7,5
30	32-160A	32-160A	32-160A	32-160A	32-160A	32-160A	32-160B	32-160B	32-160B	40-160	40-160	40-160	40-160	40-160	50-160	50-160
	1,3-2,2	1,4-2,2	1,5-2,2	1,6-2,2	1,7-2,2	2,0-3,0	2,2-3,0	2,5-3,0	2,7-4,0	2,9-4,0	3,3-5,5	3,8-5,5	4,3-5,5	4,9-7,5	5,3-7,5	5,7-7,5
35	32-160A	32-160A	32-160A	32-160A	32-160A	32-160A	32-160A	32-160B	32-160B	32-160B	40-160	40-160	40-160	40-160	40-160	50-160
	1,6-2,2	1,7-2,2	1,8-2,2	1,9-3,0	2,0-3,0	2,3-3,0	2,7-4,0	2,9-4,0	3,2-4,0	3,4-5,5	4,0-5,5	4,5-5,5	5,1-7,5	5,6-7,5	6,2-7,5	6,7-11,0
40	32-160A	32-160A	32-160A	32-160A	32-160A	32-160A	32-200B	32-200B	32-200B	40-200	40-200	40-200	40-200	40-200	50-200	50-200
	1,9-3,0	1,9-3,0	2,0-3,0	2,2-3,0	2,3-3,0	2,6-4,0	3,1-4,0	3,4-5,5	3,7-5,5	4,0-5,5	4,5-5,5	5,1-7,5	5,8-7,5	6,5-11,0	7,1-11,0	7,7-11,0
45	32-200A	32-200A	32-200B	32-200B	32-200B	32-200B	32-200B	32-200B	32-200B	40-200	40-200	40-200	40-200	50-200	50-200	50-200
	2,4-3,0	2,6-4,0	2,7-4,0	2,9-4,0	3,0-4,0	3,3-4,0	3,5-5,5	3,8-5,5	4,1-5,5	4,4-5,5	5,2-7,5	5,9-7,5	6,6-11,0	7,4-11,0	8,0-11,0	8,6-11,0
50	32-200A	32-200A	32-200B	32-200B	32-200B	32-200B	32-200B	32-200B	32-200B	40-200	40-200	40-200	40-200	50-200	50-200	50-200
	2,6-4,0	2,8-4,0	3,0-4,0	3,2-4,0	3,3-4,0	3,6-5,5	3,9-5,5	4,2-5,5	4,5-5,5	4,9-7,5	5,8-7,5	6,5-11,0	7,3-11,0	8,1-11,0	9,0-11,0	9,7-15,0
55	32-200A	32-200A	32-200A	32-200B	32-200B	32-200B	32-200B	32-200B	32-200B	40-200	40-200	40-200	40-200	40-200	50-200	50-200
	2,9-4,0	3,1-4,0	3,3-4,0	3,5-5,5	3,6-5,5	3,9-5,5	4,3-5,5	4,6-7,5	5,0-7,5	5,3-7,5	6,4-11,0	7,2-11,0	8,0-11,0	8,9-11,0	9,9-15,0	10,8-15,0
60	32-200A	32-200A	32-200A	32-200B	32-200B	32-200B	32-200B	32-200B	32-200B	40-200	40-200	40-200	40-200	40-200	50-200	50-200
	3,1-4,0	3,4-5,5	3,6-5,5	3,8-5,5	4,0-5,5	4,3-5,5	4,7-7,5	5,0-7,5	5,4-7,5	5,8-7,5	6,8-11,0	7,9-11,0	8,7-11,0	9,6-15,0	10,7-15,0	11,8-15,0
65	32-200A	32-200A	32-200A	32-200A	32-200B	32-200B	32-200B	32-200B	32-200B	40-200	40-200	40-200	40-200	40-200	50-250	50-250
	3,4-5,5	3,6-5,5	3,9-5,5	4,1-5,5	4,4-5,5	4,7-7,5	5,1-7,5	5,5-7,5	5,8-7,5	7,1-11,0	7,8-11,0	8,6-11,0	9,5-11,0	10,4-15,0	13,0-15,0	14,3-18,5
70	32-250	32-250	32-250	40-250	40-250	40-250	40-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250
	6,7-11,0	6,9-11,0	7,1-11,0	6,2-7,5	6,4-7,5	6,8-11,0	7,2-11,0	7,7-11,0	8,0-11,0	8,4-11,0	9,4-11,0	10,4-15,0	11,5-15,0	12,7-15,0	13,9-18,5	15,3-18,5
75	32-250	32-250	32-250	32-250	40-250	40-250	40-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250
	7,0-11,0	7,2-11,0	7,4-11,0	7,6-11,0	6,9-11,0	7,4-11,0	7,9-11,0	8,3-11,0	8,8-11,0	9,2-11,0	10,2-15,0	11,3-15,0	12,5-15,0	13,7-18,5	14,9-18,5	16,3-22,0
80	32-250	32-250	32-250	32-250	40-250	40-250	40-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250
	7,2-11,0	7,4-11,0	7,6-11,0	7,9-11,0	7,5-11,0	8,0-11,0	8,6-11,0	9,1-11,0	9,6-15,0	10,1-15,0	11,2-15,0	12,3-15,0	13,5-18,5	14,7-18,5	16,0-18,5	17,3-22,0
85	32-250	32-250	32-250	32-250	40-250	40-250	40-250	50-250	50-250	50-250	50-250	50-250	50-250	50-250	65-250	65-250
	7,4-11,0	7,6-11,0	7,9-11,0	8,2-11,0	8,4-11,0	8,8-11,0	9,3-11,0	9,9-15,0	10,4-15,0	11,0-15,0	12,2-15,0	13,3-18,5	14,5-18,5	15,7-18,5	17,0-22,0	20,0-30,0
90	Tipo de bomba	32-250					40-250	40-250	40-315	50-250	50-250	40-315	40-315			80-250
	P. Abs. (kW)	7,9-11,0		P. Motor (kW)			9,6-15,0	10,2-15,0	12,8-15,0	11,5-15,0	11,9-15,0	17,3-22,0	20,3-30,0			25,2-30,0
95			40-315	40-315	40-315	40-315	40-315	40-315	40-315	40-315	40-315	40-315	40-315		50-315	50-315
			10,4-15,0	10,7-15,0	11,0-15,0	11,7-15,0	12,5-15,0	13,4-18,5	14,3-18,5	15,4-18,5	18,0-22,0	21,1-30,0			23,6-30,0	25,5-30,0

Consultar para tamaños superiores.

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

TABLA DE SELECCIÓN - 2.900 r.p.m.

	CAUDAL (m³/h)															
	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	350
12	65-125 2,8-4,0	65-125 3,1-4,0	65-125 3,5-5,5	65-125 4,8-7,5	65-125 5,4-7,5											
13	65-125 2,9-4,0	65-125 3,3-4,0	65-125 3,7-5,5	65-125 4,3-5,5	65-125 5,7-7,5											
14	65-125 3,4-4,0	65-125 3,5-5,5	65-125 4,0-5,5	65-125 4,5-5,5	65-125 6,0-7,5											
15	65-125 3,3-4,0	65-125 3,7-5,5	65-125 4,2-5,5	65-125 4,8-7,5	65-125 6,3-7,5	80-160 6,8-11,0	80-160 9,5-11,0									
16	65-125 3,5-5,5	65-125 4,0-5,5	65-125 4,5-5,5	65-125 5,1-7,5	65-125 5,8-7,5	80-160 7,2-11,0	80-160 10,0-15,0									
17	65-125 3,7-5,5	65-125 4,2-5,5	65-125 4,7-7,5	65-125 5,4-7,5	65-125 6,1-7,5	80-160 7,5-11,0	80-160 10,5-15,0									
18	65-125 4,0-5,5	65-125 4,5-5,5	65-125 5,0-7,5	65-125 5,6-7,5	65-125 6,3-11,0	80-160 7,8-11,0	80-160 9,3-11,0	80-160 13,0-15,0					100-160 19,1-22,0	100-160 20,5-30,0		
19	65-125 4,2-5,5	65-125 4,7-7,5	65-125 5,3-7,5	65-125 5,9-7,5	65-125 6,6-11,0	80-160 8,2-11,0	80-160 9,7-15,0	80-160 13,4-15,0					100-160 19,6-30,0	100-160 21,2-30,0		
20	65-125 4,4-5,5	65-125 5,0-7,5	65-125 5,6-7,5	65-125 6,2-7,5	65-125 6,9-11,0	80-160 8,5-11,0	80-160 10,1-15,0	80-160 14,0-15,0					100-160 18,9-22,0	100-160 20,3-30,0	100-160 22,0-30,0	
22	50-160 4,9-7,5	65-125 5,5-7,5	65-125 6,1-7,5	65-125 6,8-11,0	80-160 7,9-11,0	80-160 9,2-11,0	80-160 10,8-15,0	80-160 15,0-18,5		100-200 16,9-22,0	100-160 18,9-22,0	100-160 20,2-30,0	100-160 21,7-30,0	100-160 23,5-30,0	100-160 25,3-30,0	
24	50-160 5,3-7,5	65-125 6,1-7,5	65-160 7,2-11,0	80-160 8,0-11,0	80-160 8,6-11,0	80-160 10,0-15,0	80-160 11,6-15,0	80-160 13,5-18,5	100-200 16,3-22,0	100-200 17,7-22,0	100-200 19,3-30,0	100-160 21,7-30,0	100-160 23,3-30,0	100-160 25,0-30,0	100-160 26,8-37,0	
26	50-160 5,7-7,5	50-160 6,7-11,0	65-160 7,7-11,0	65-160 8,6-11,0	80-160 9,3-11,0	80-160 10,7-15,0	80-160 12,4-15,0	80-160 14,4-18,5	80-160 17,0-22,0	100-200 18,6-22,0	100-200 20,4-22,0	100-200 22,4-30,0	100-160 24,8-30,0	100-160 26,5-37,0	100-160 28,2-37,0	
28	50-160 6,1-7,5	50-160 7,2-11,0	65-160 8,2-11,0	65-160 9,1-11,0	80-160 10,0-15,0	80-160 11,5-15,0	80-160 13,2-18,5	80-160 15,3-18,5	100-200 17,9-22,0	100-200 19,6-30,0	100-200 21,5-30,0	100-200 23,6-30,0	100-200 25,9-30,0	100-160 27,9-37,0	100-160 29,6-37,0	
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90	80-250 27,2-30,0	80-250 29,3-37,0	80-250 31,4-37,0					80-315 55,9-75,0								
95	50-315 30,0-37,0	50-315 35,2-45,0			65-315 40,3-45,0	65-315 49,0-55,0	80-315 51,2-75,0	80-315 58,7-75,0	80-315 67,0-75,0							

ALTURA MANOMÉTRICA TOTAL EN m.c.l.

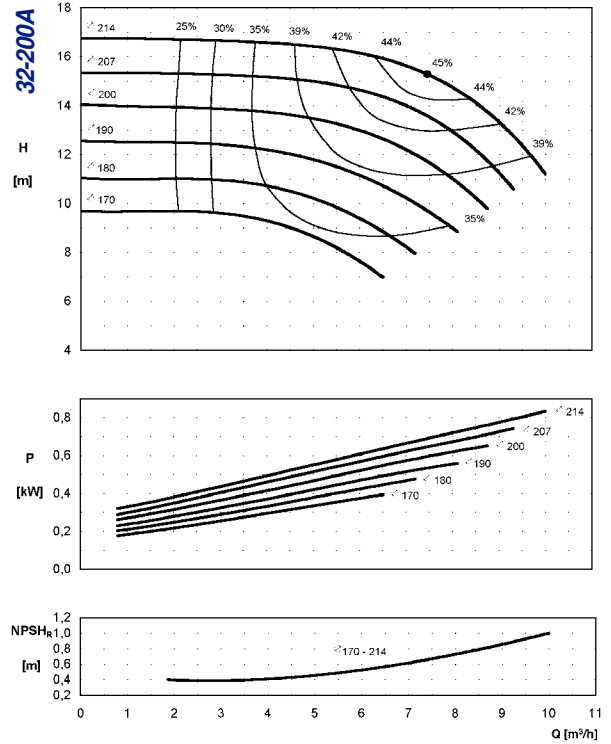
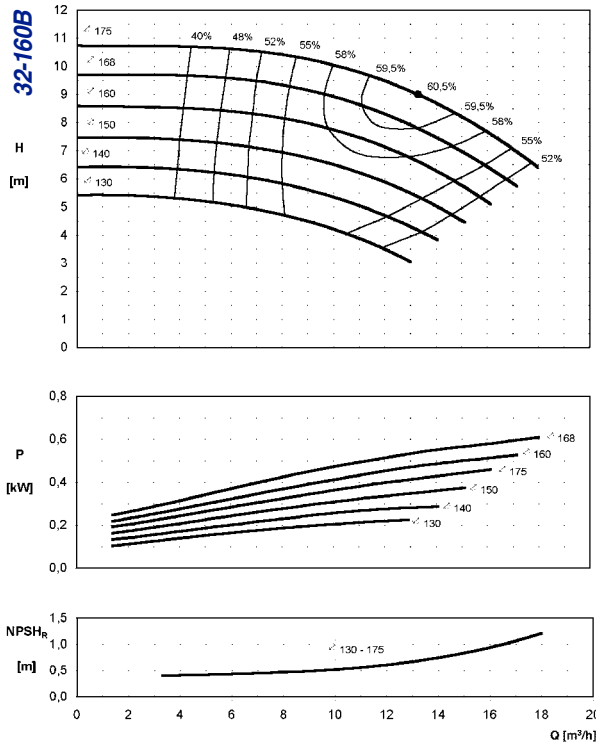
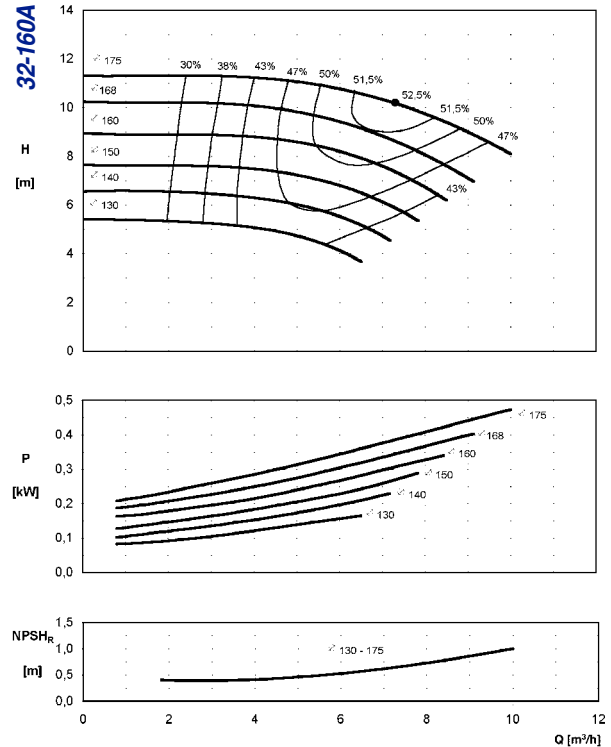
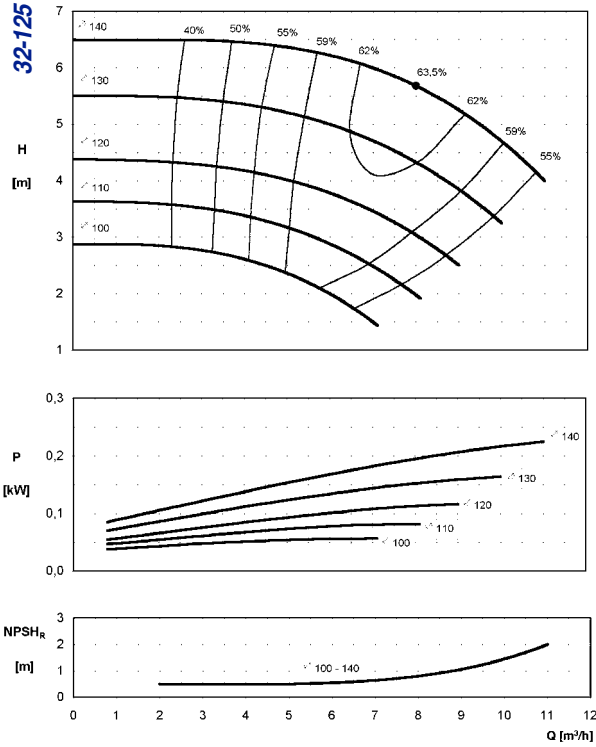
Consultar para tamaños superiores.



ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

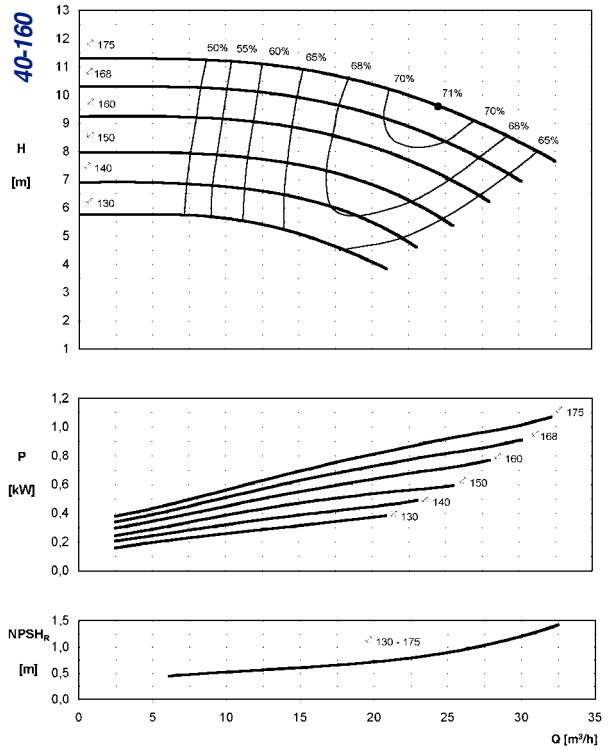
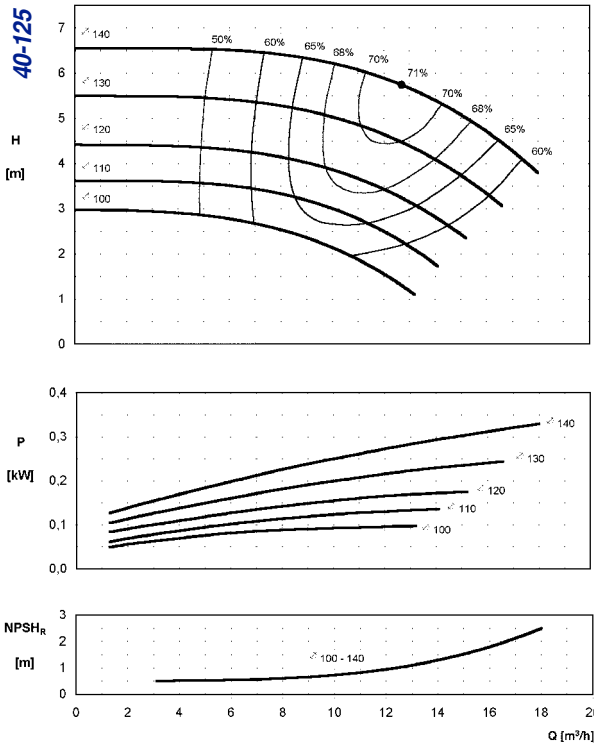
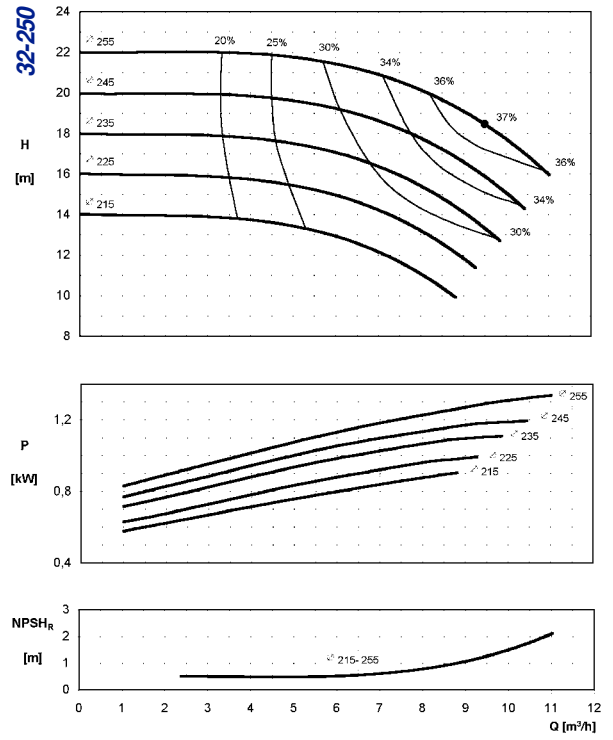
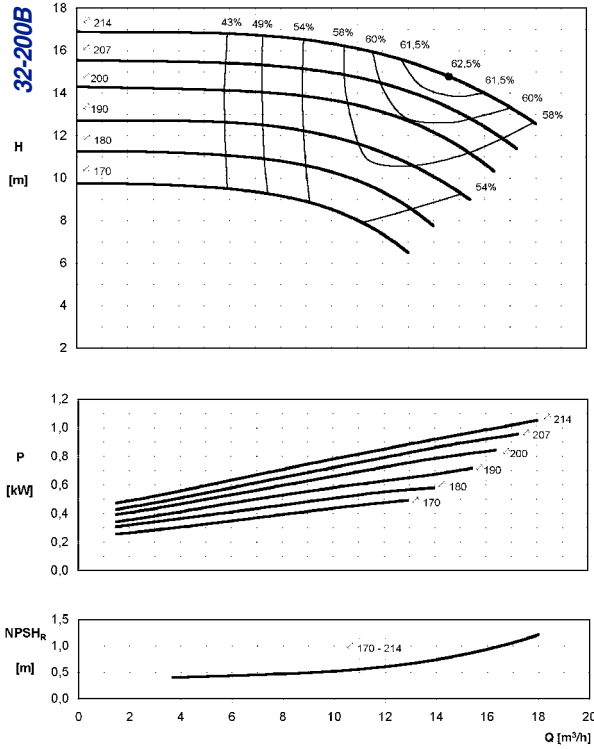




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

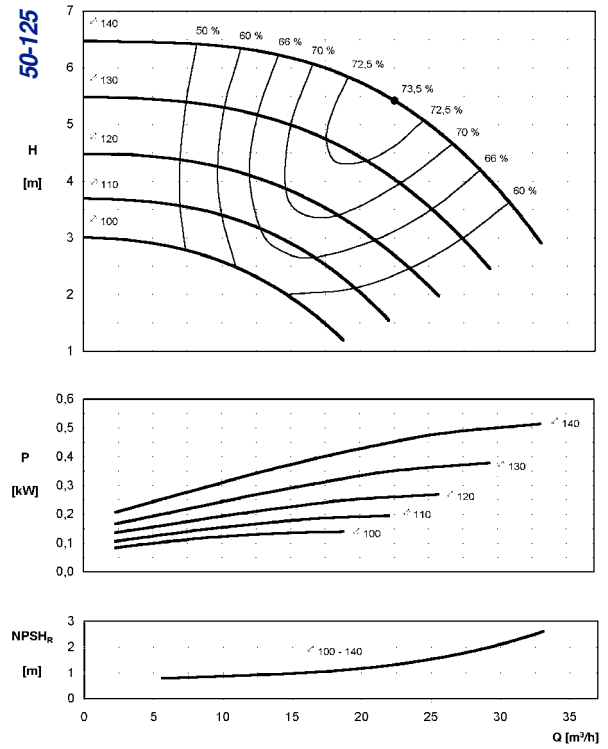
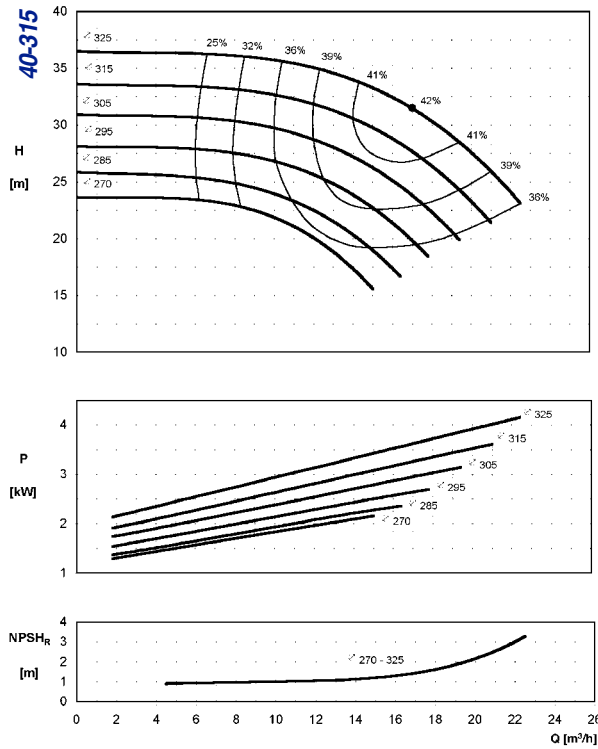
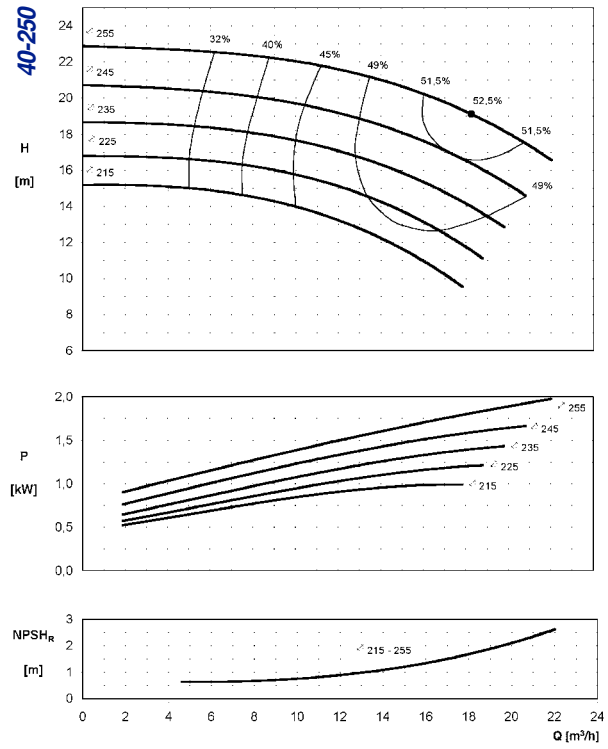
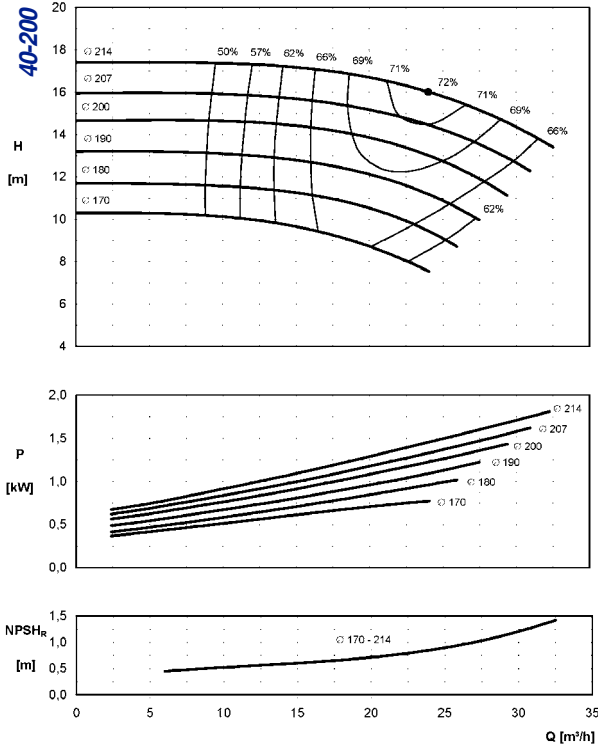




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

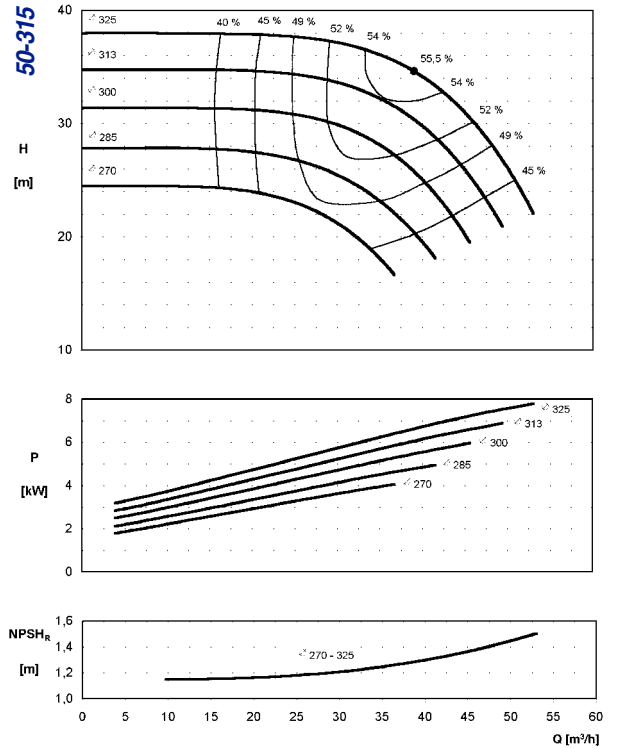
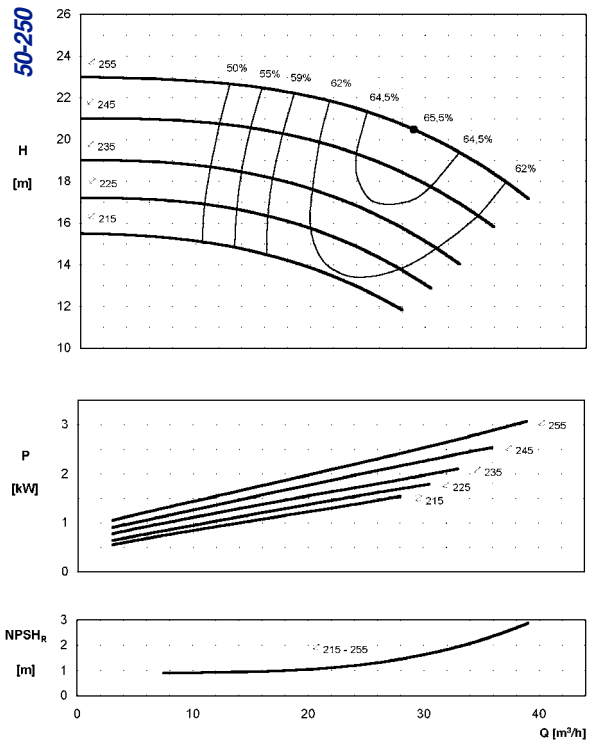
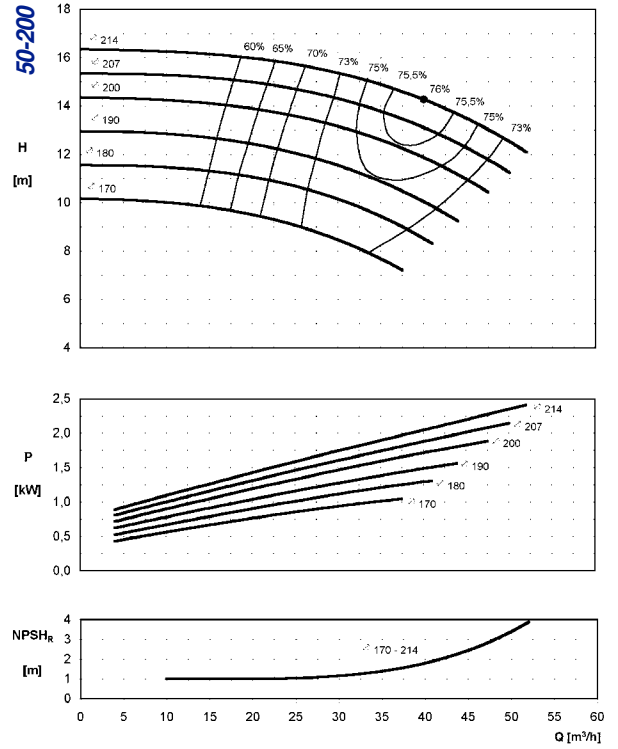
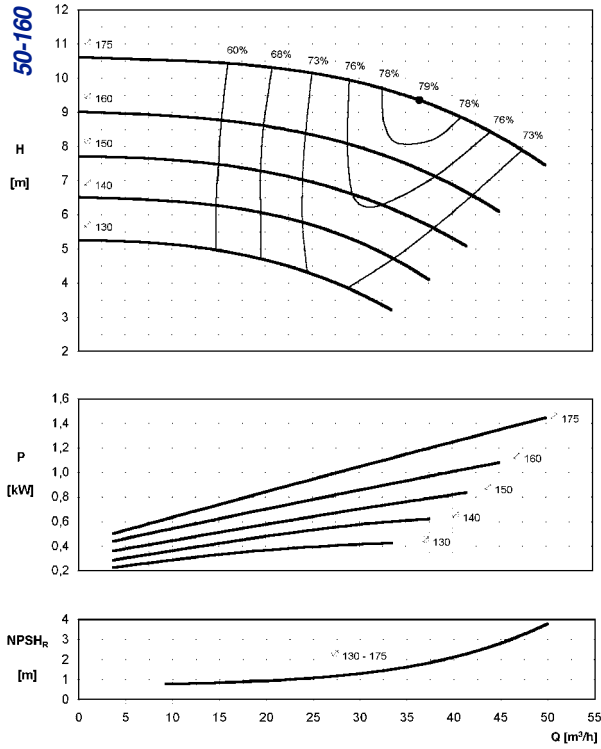




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

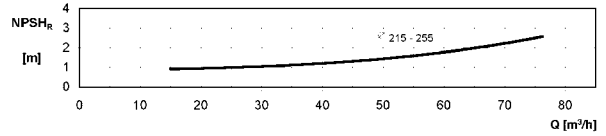
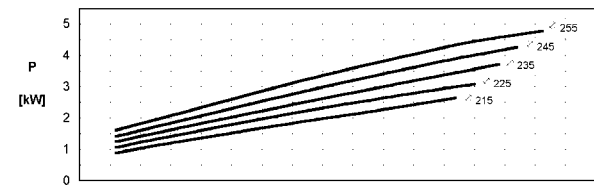
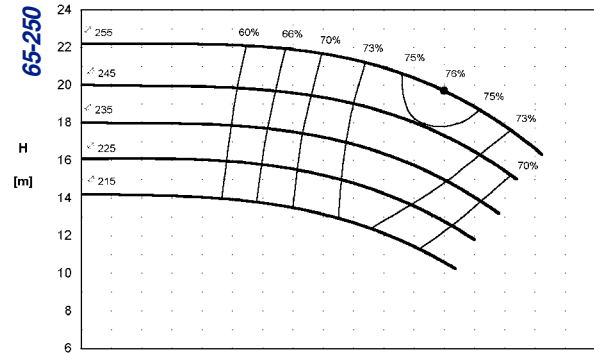
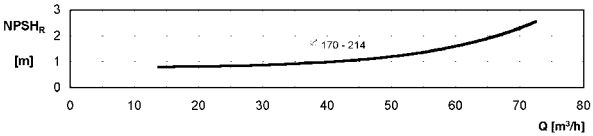
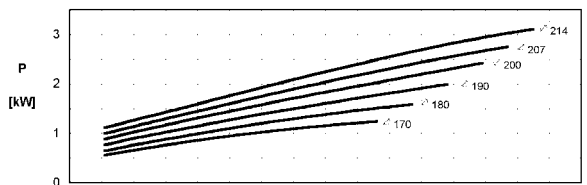
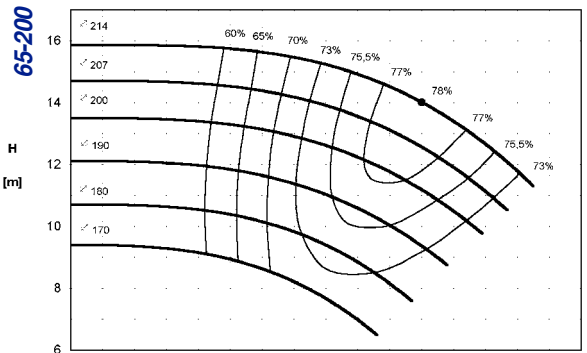
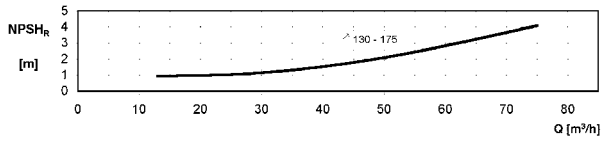
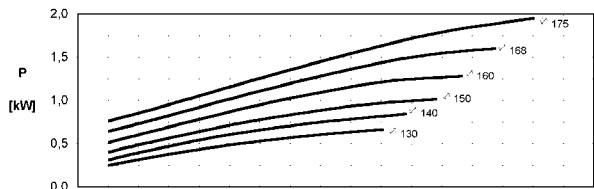
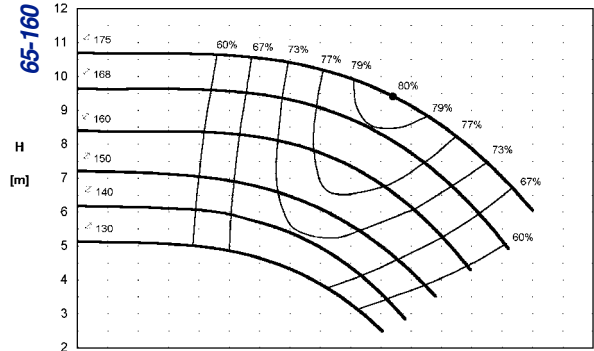
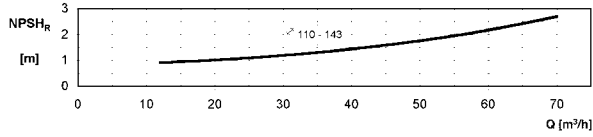
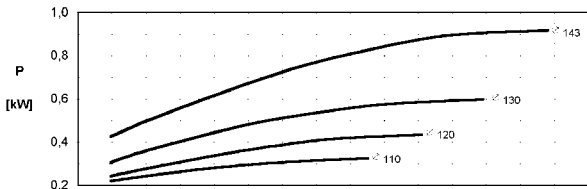
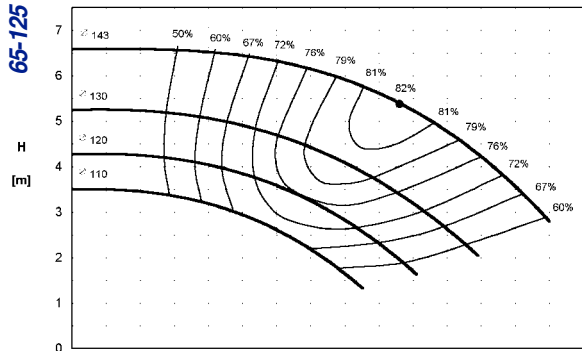




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

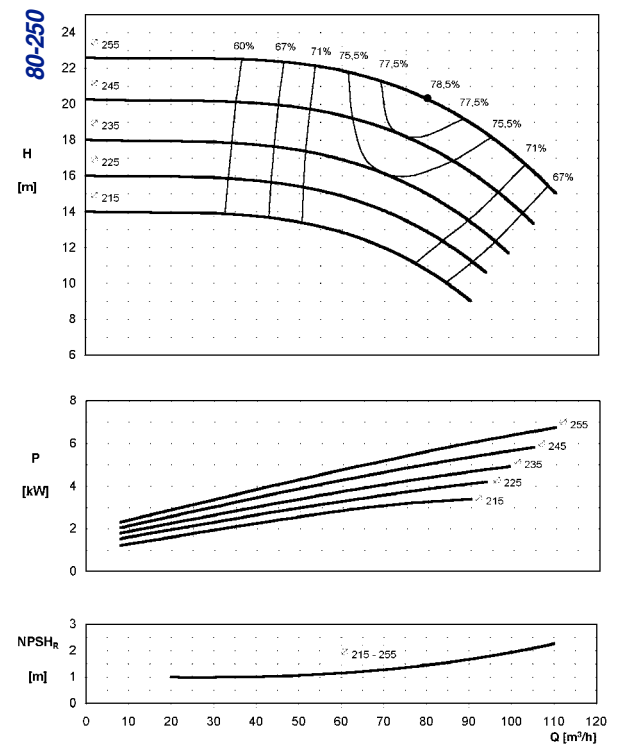
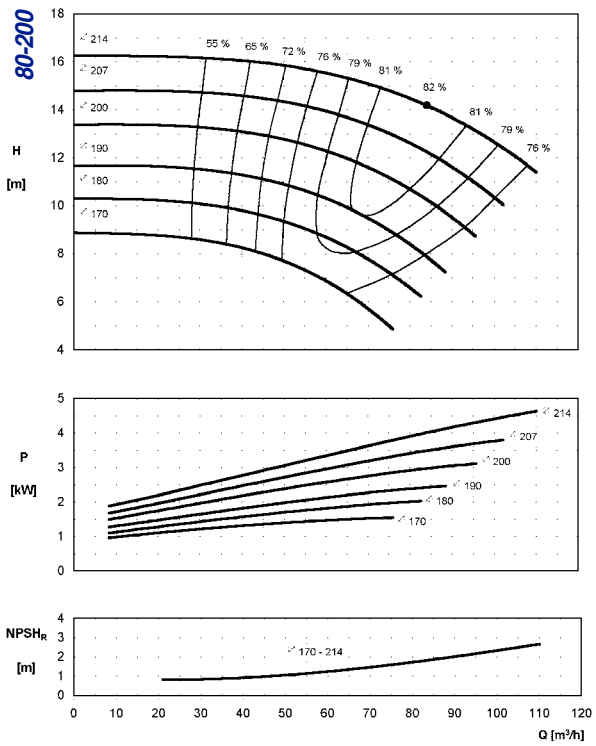
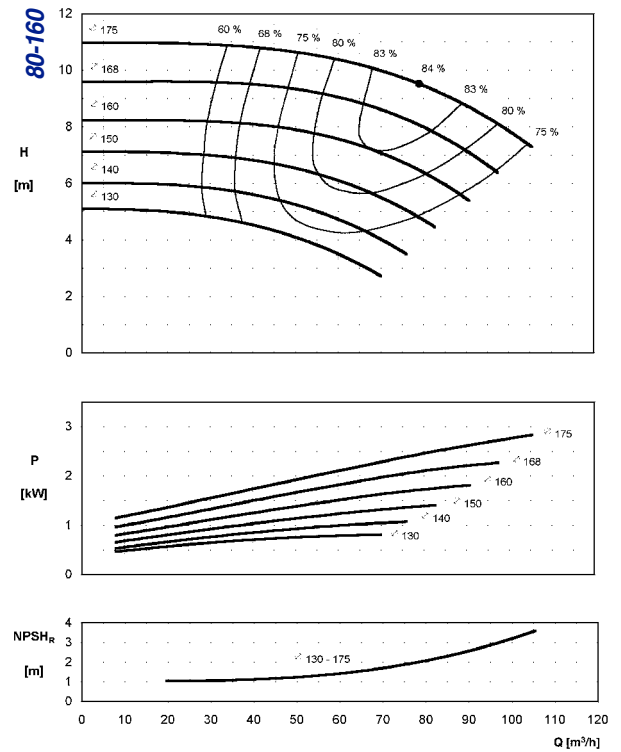
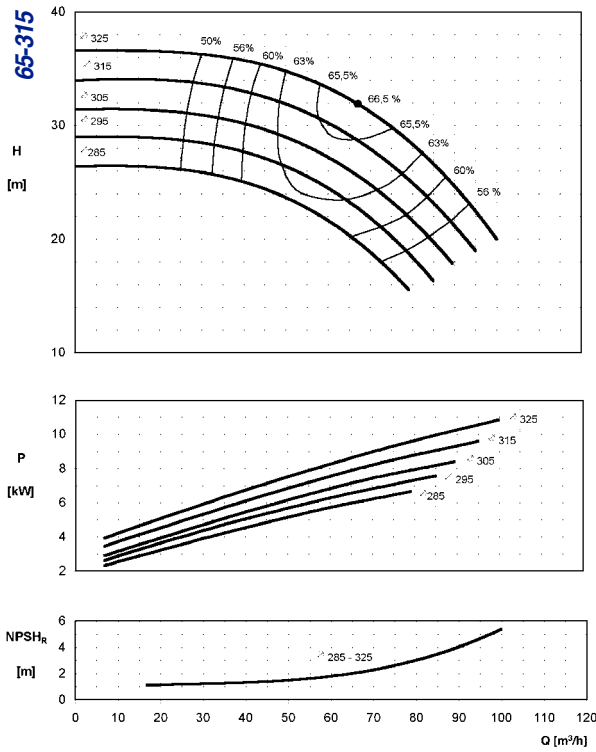




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

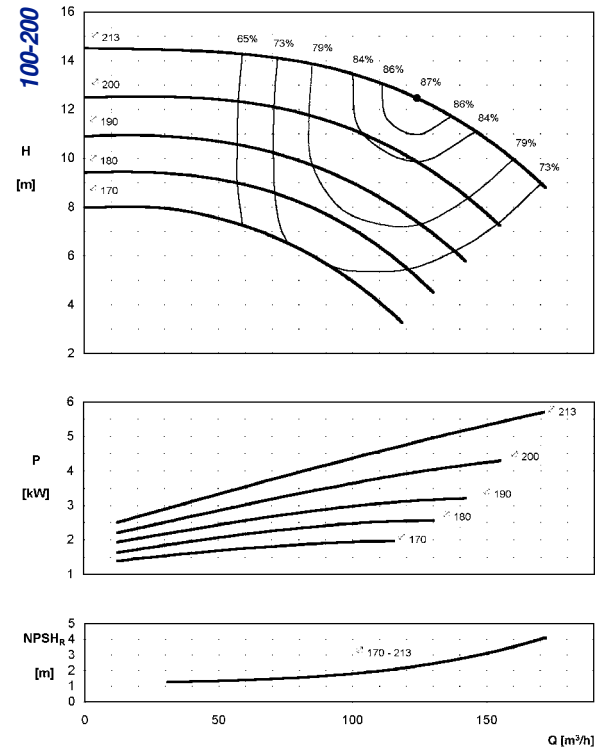
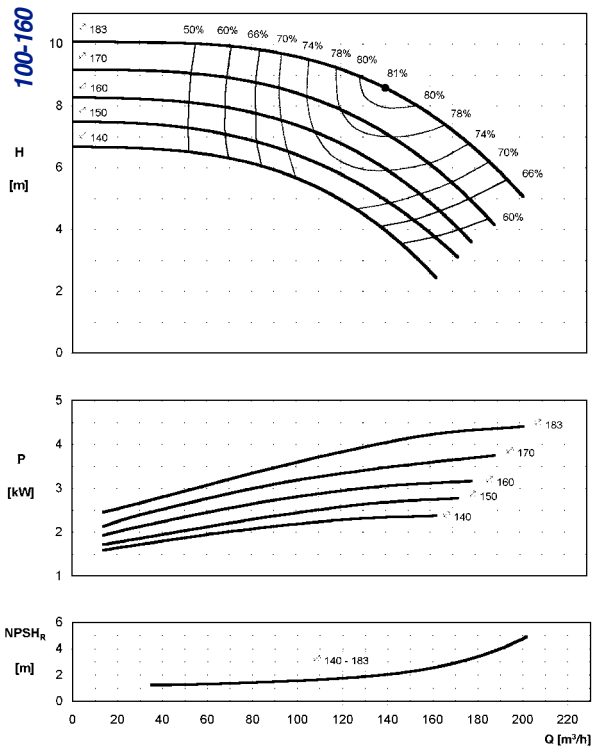
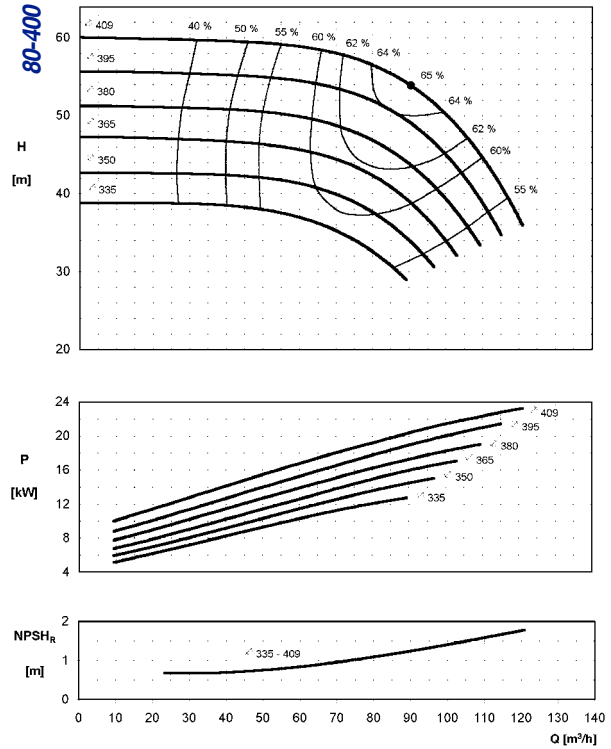
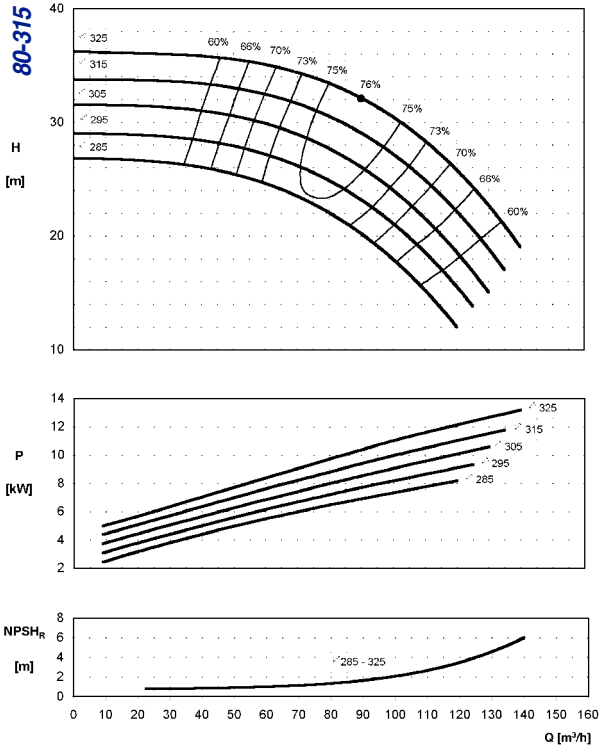




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

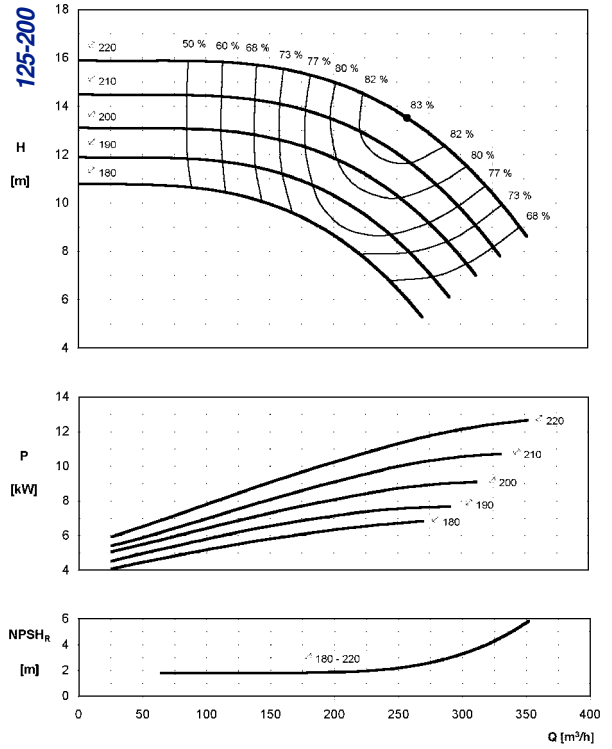
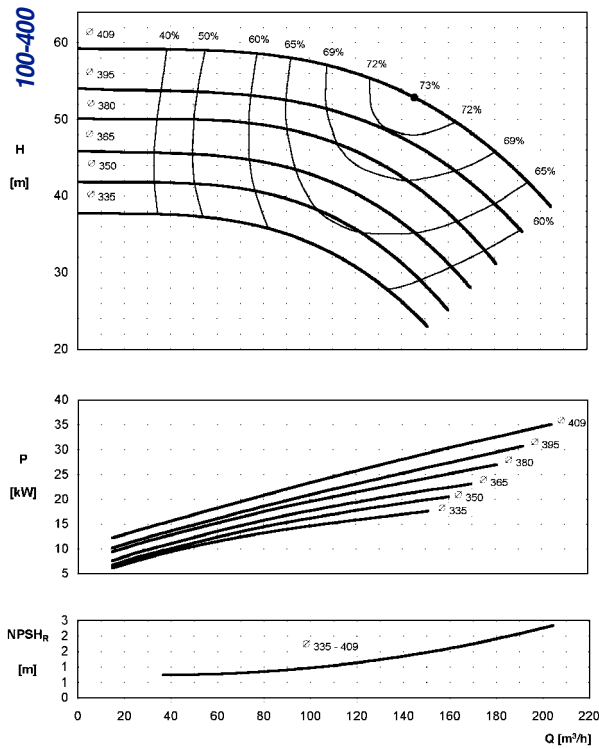
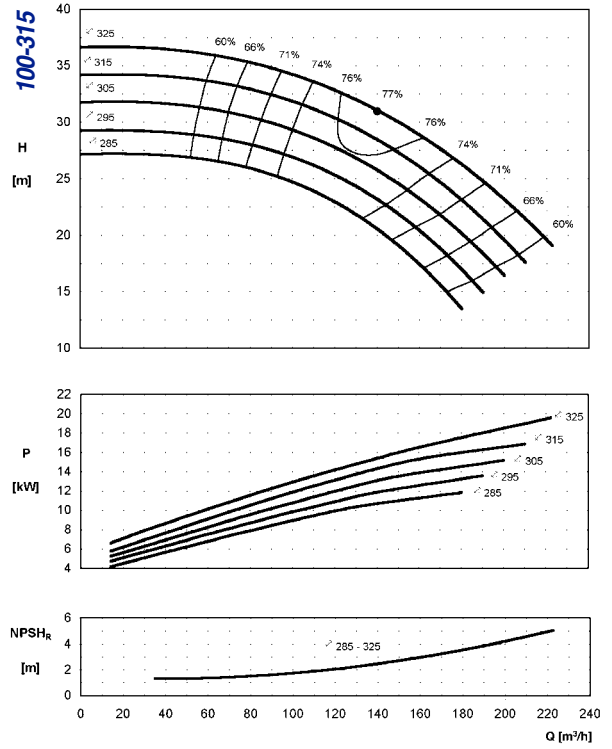
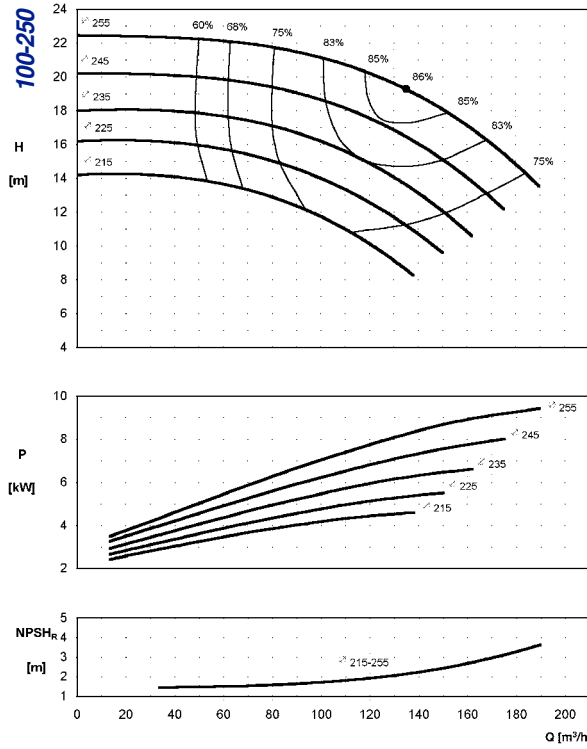




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

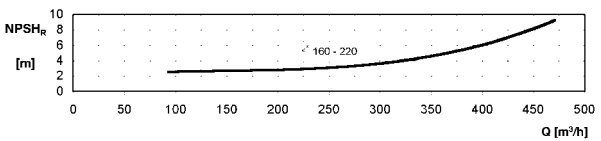
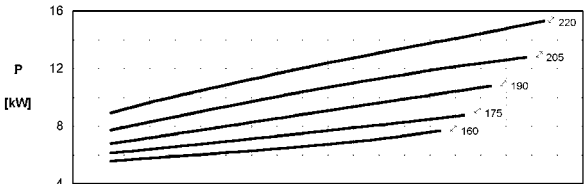
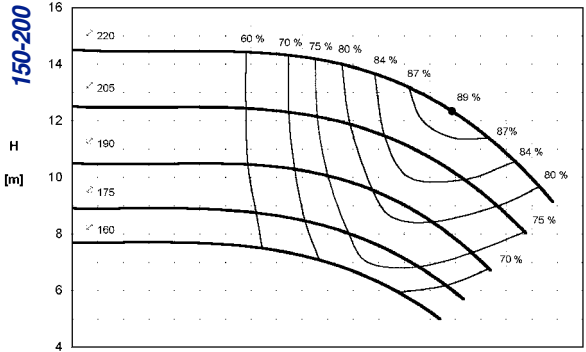
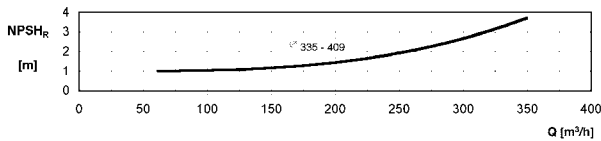
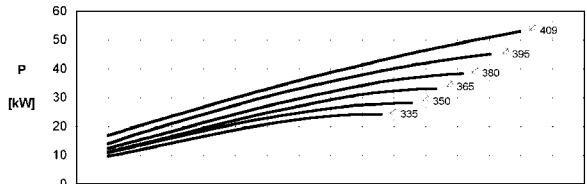
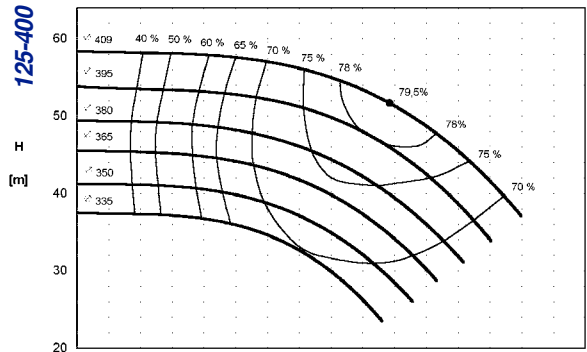
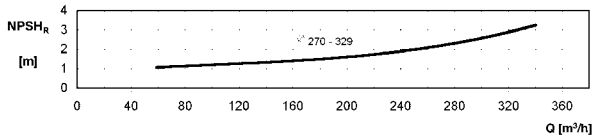
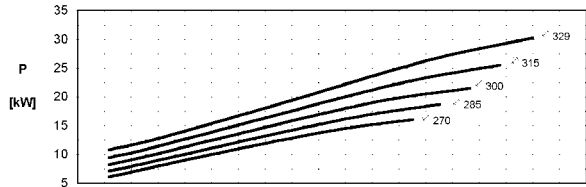
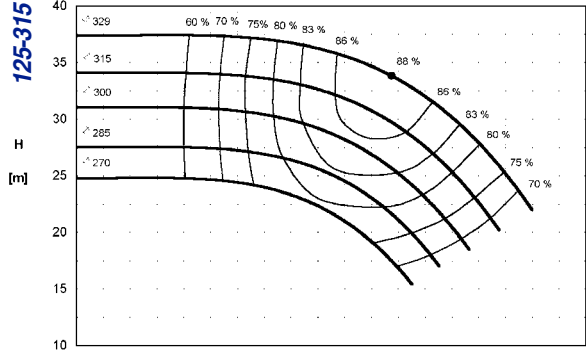
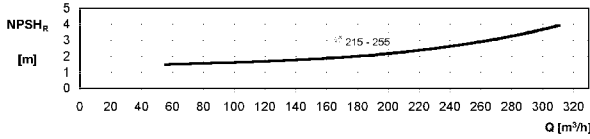
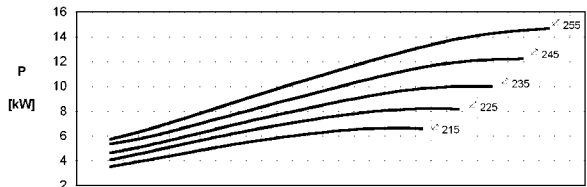
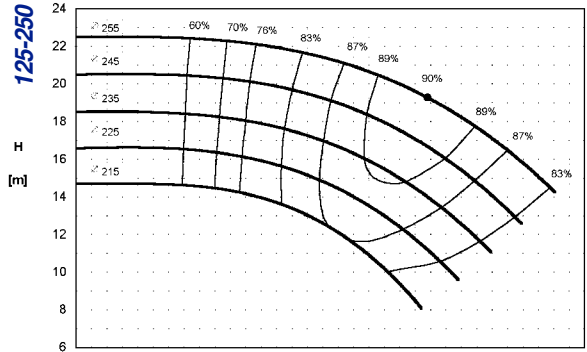




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

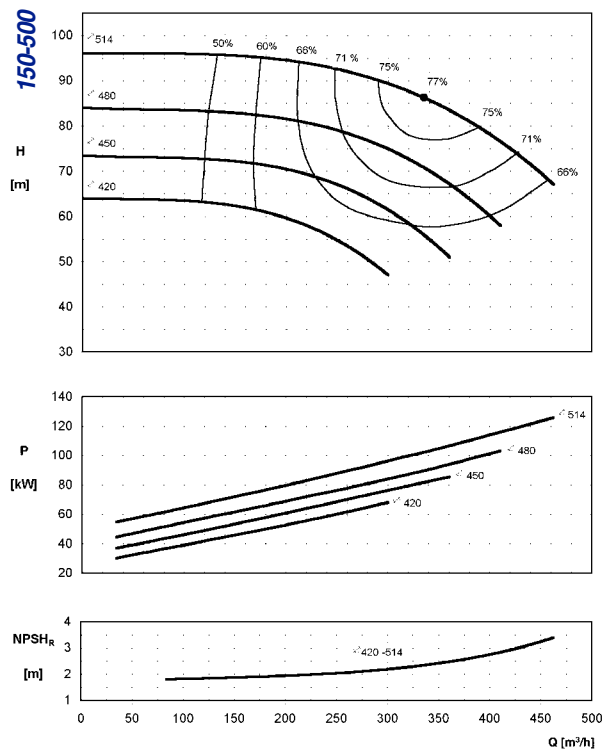
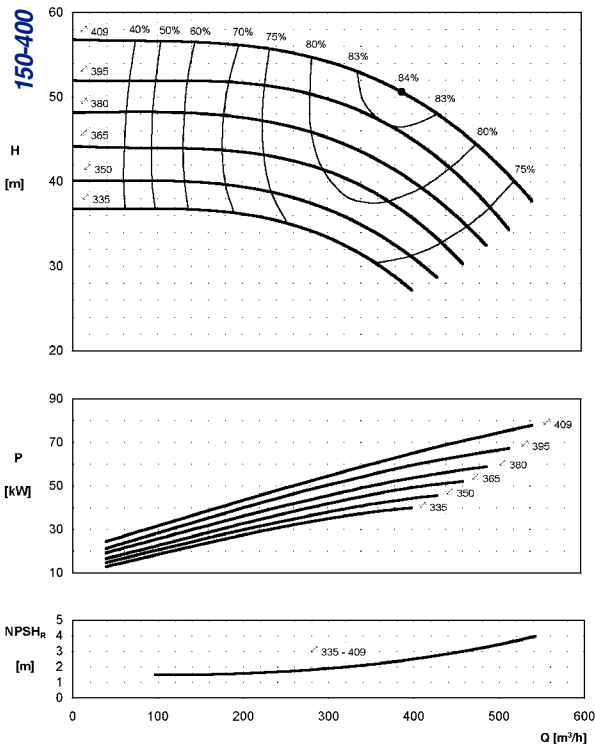
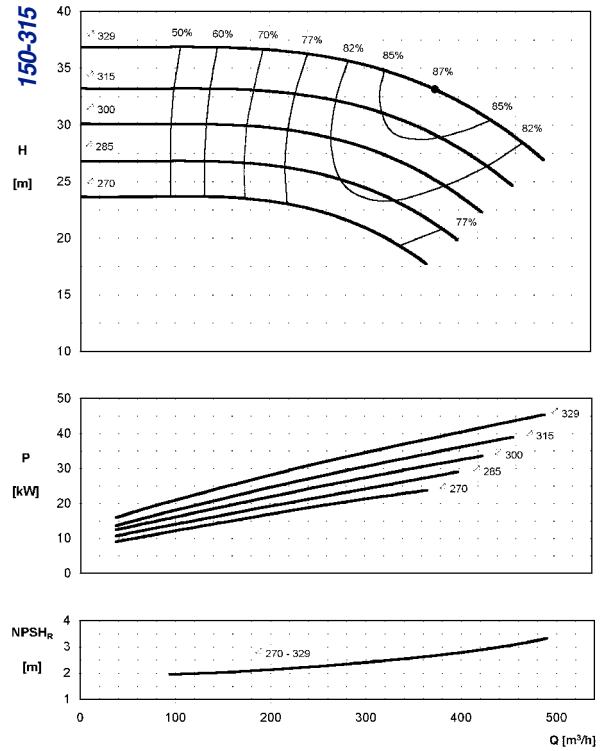
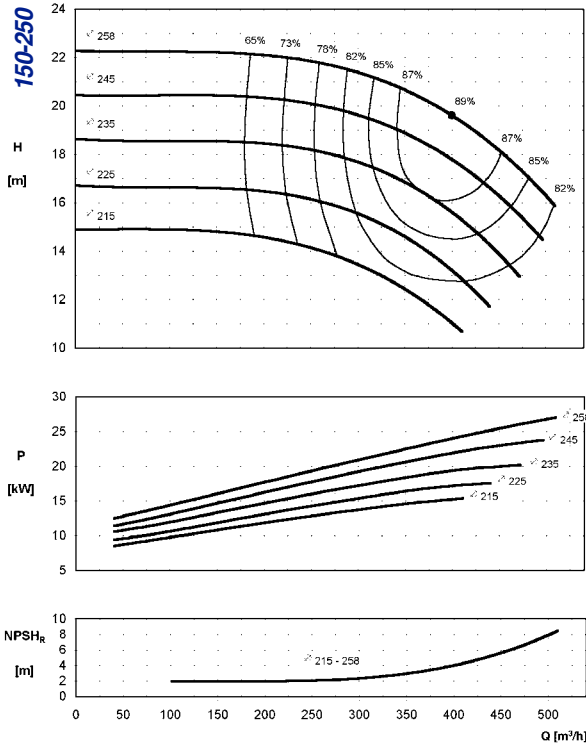




ENR (1.450 r.p.m.)

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CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

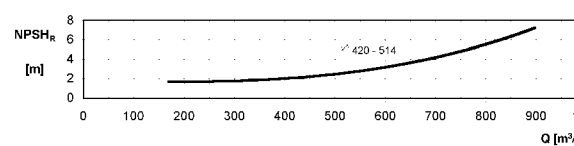
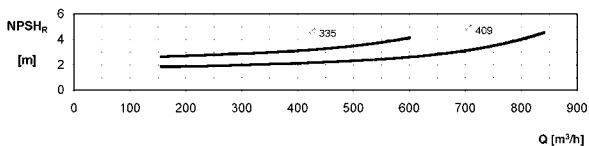
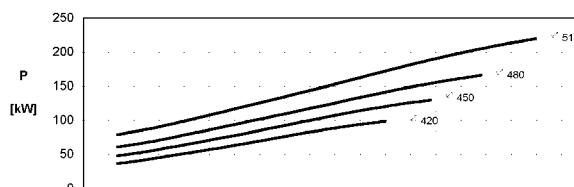
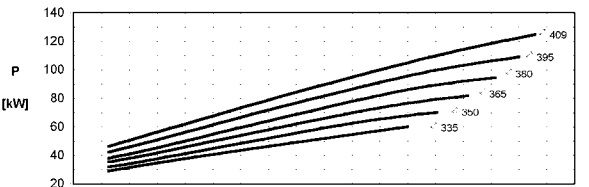
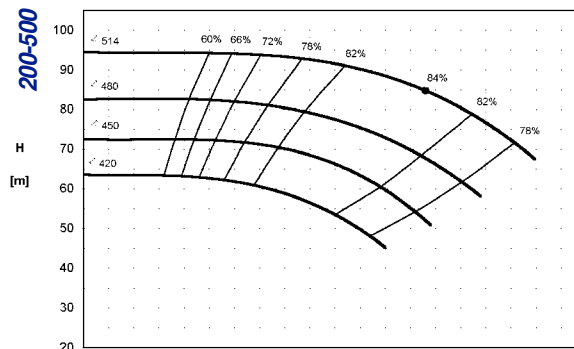
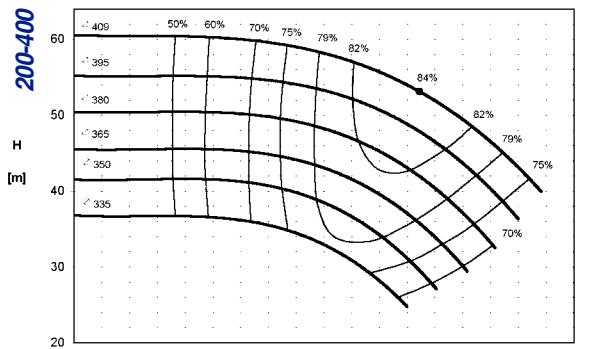
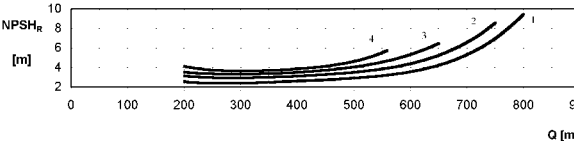
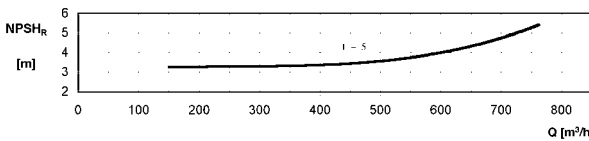
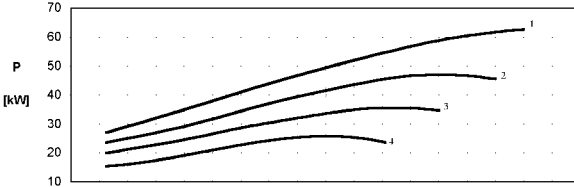
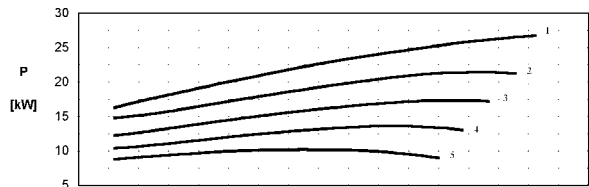
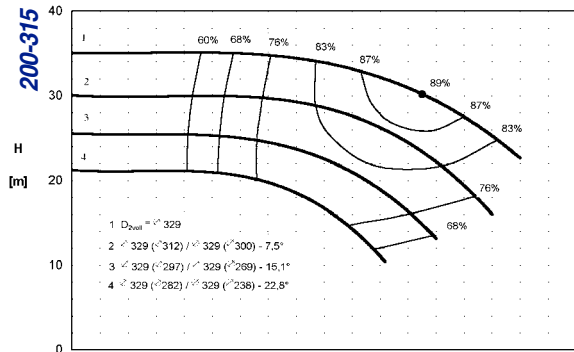
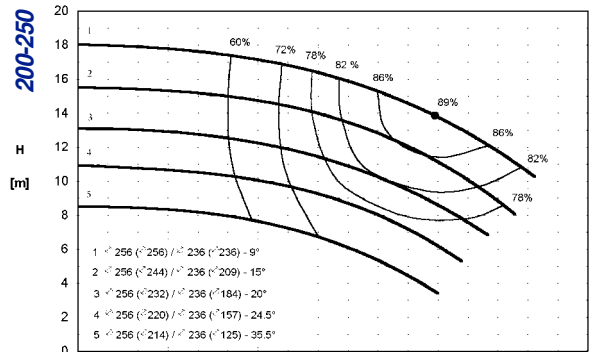




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

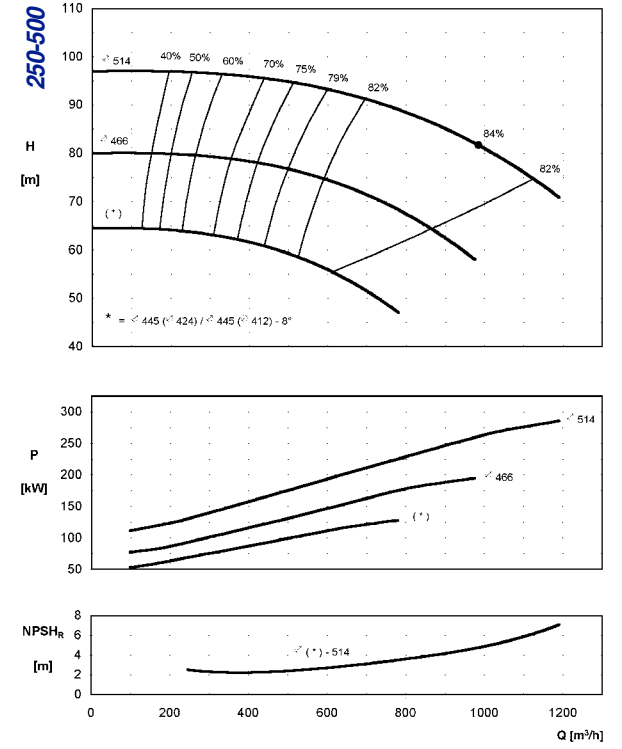
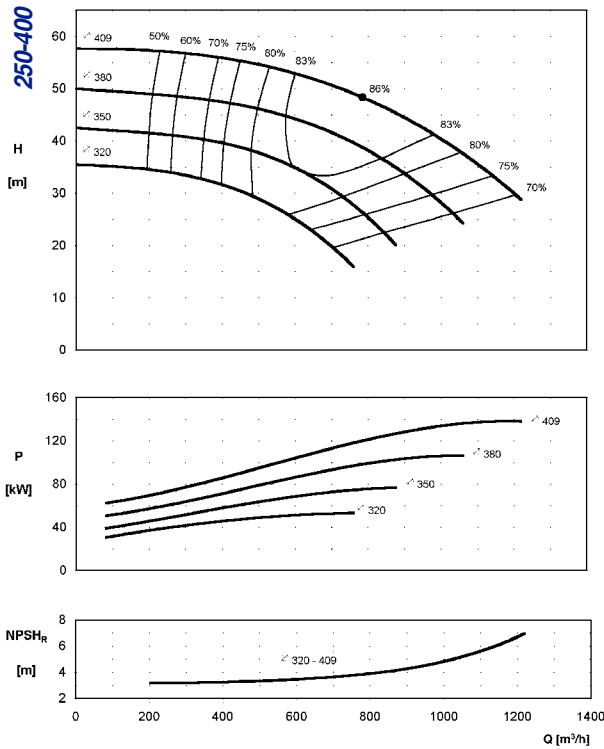
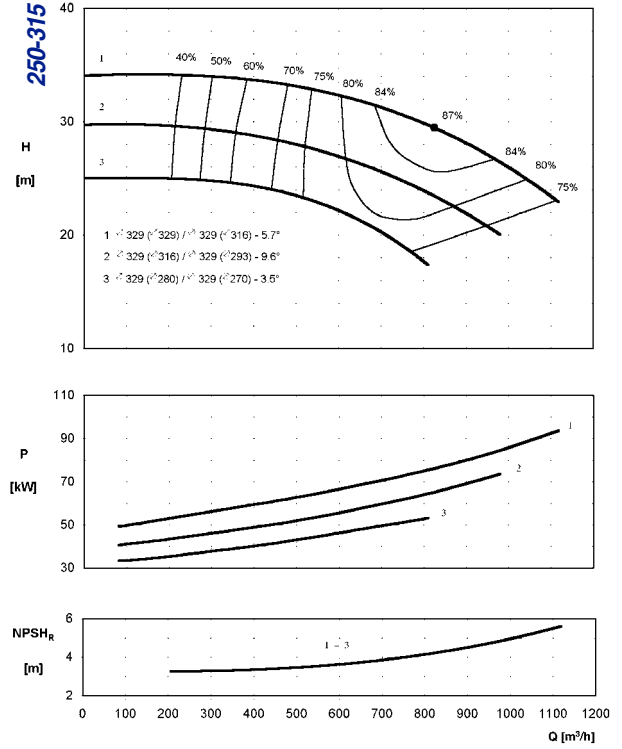
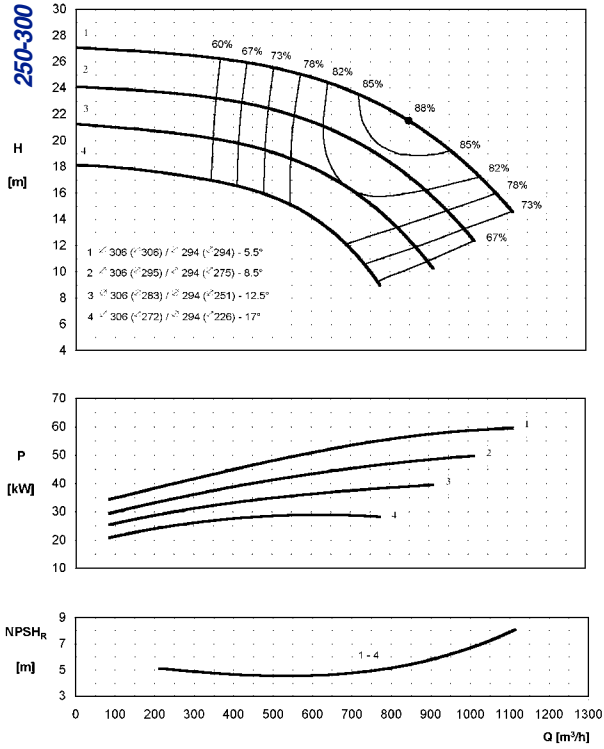




ENR (1.450 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

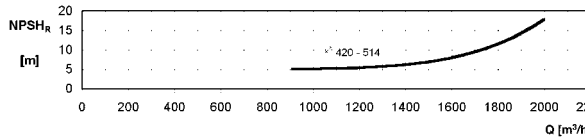
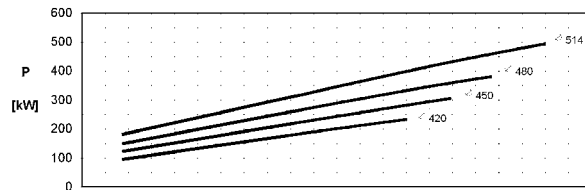
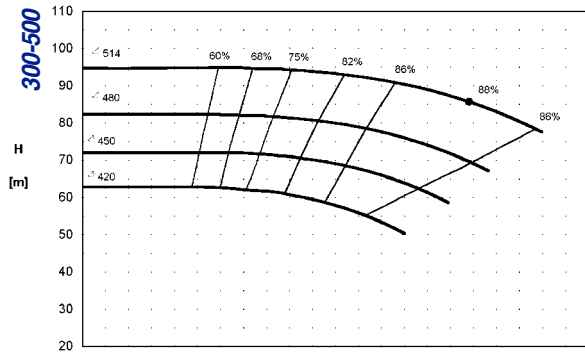
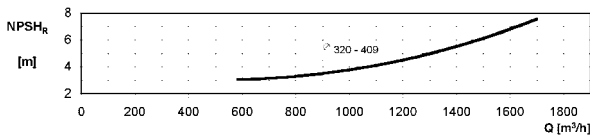
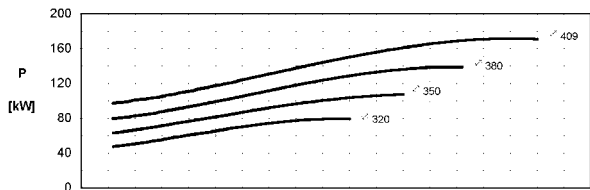
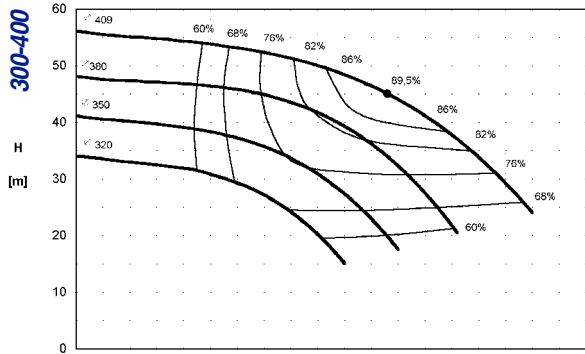




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CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

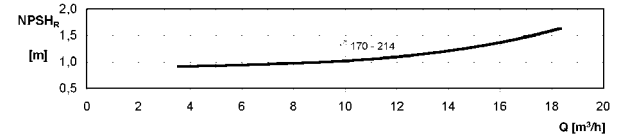
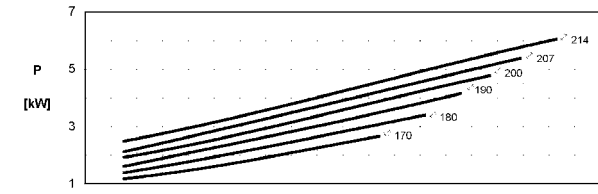
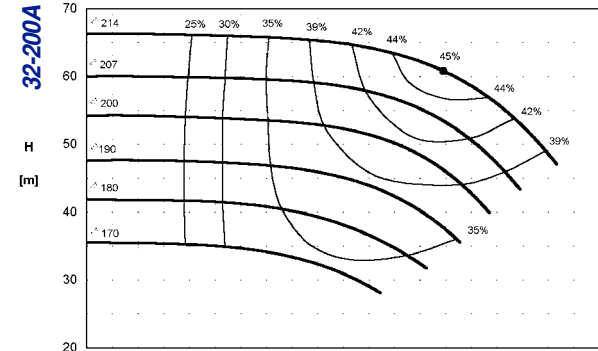
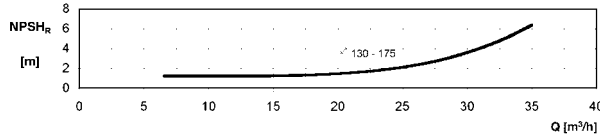
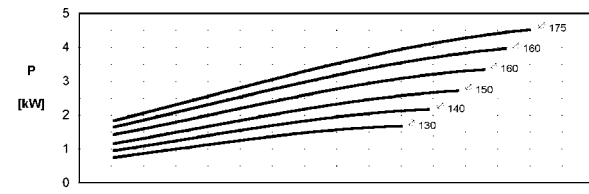
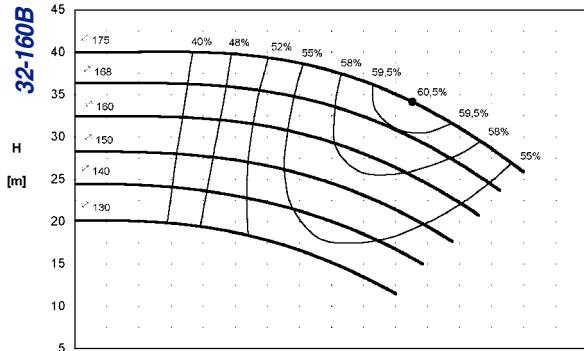
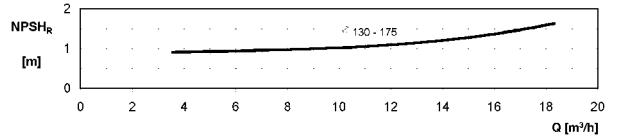
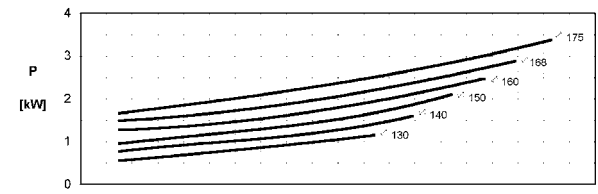
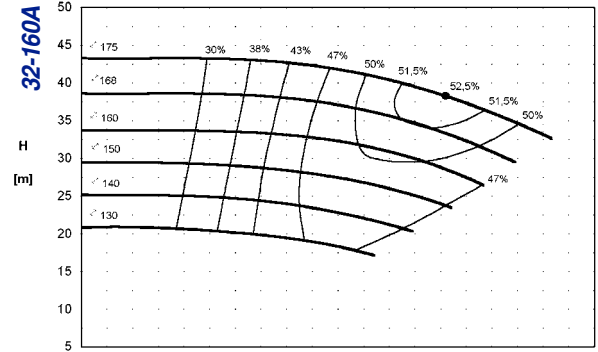
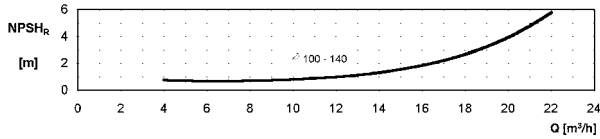
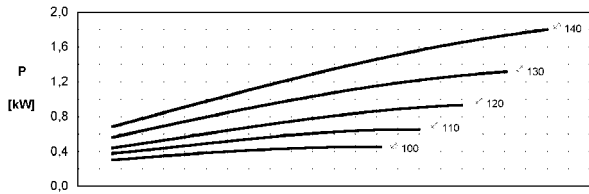
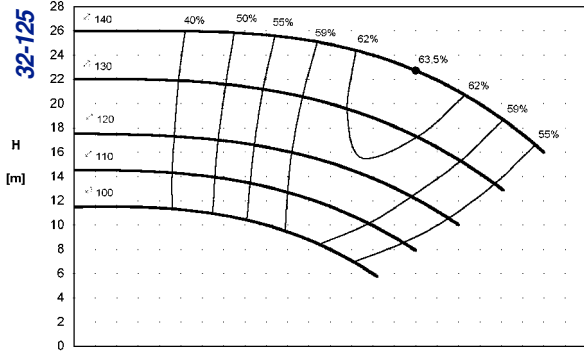




ENR (2.900 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

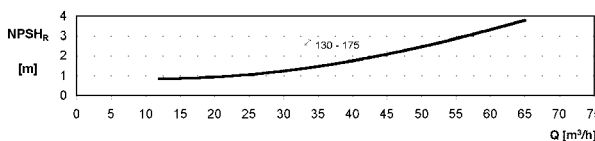
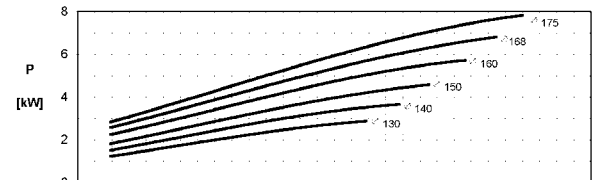
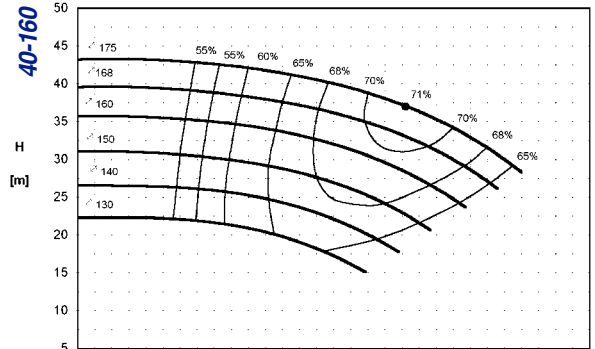
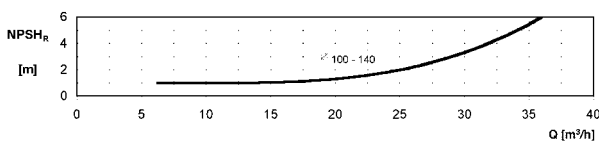
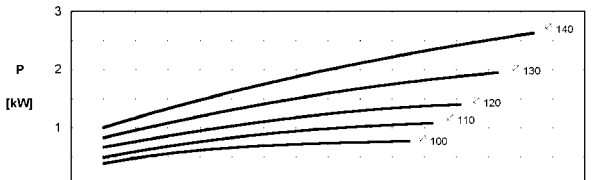
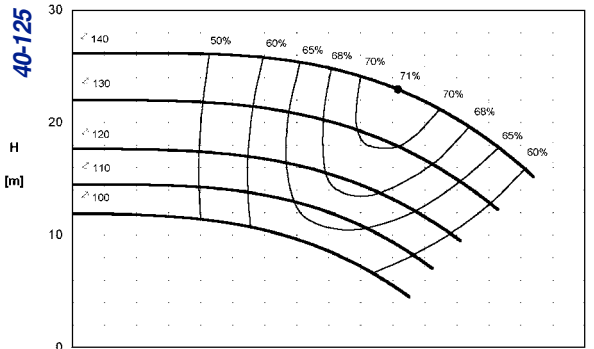
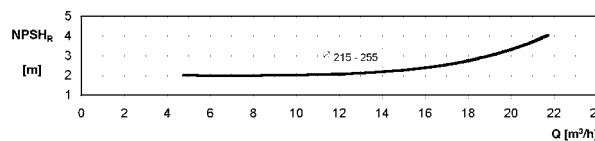
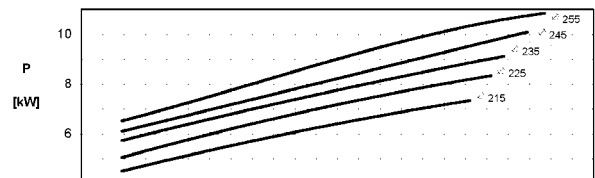
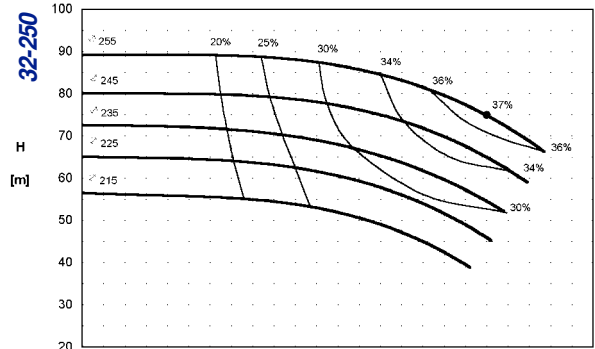
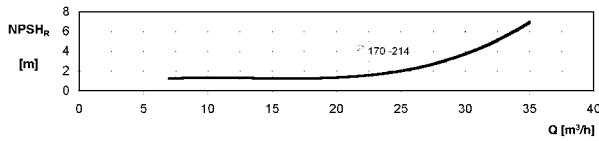
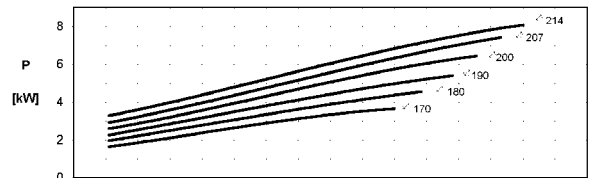
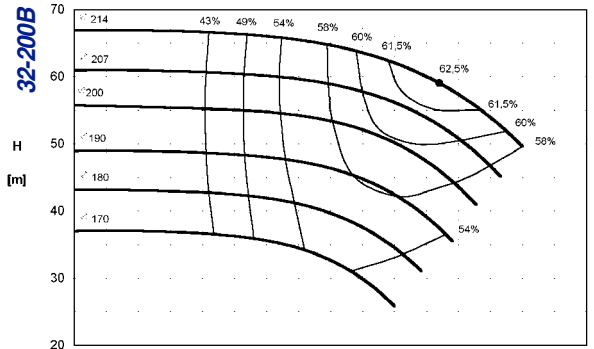




ENR (2.900 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

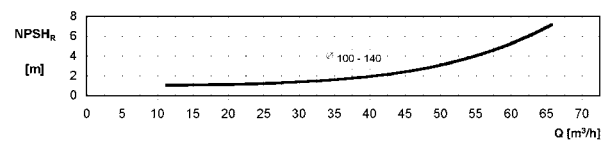
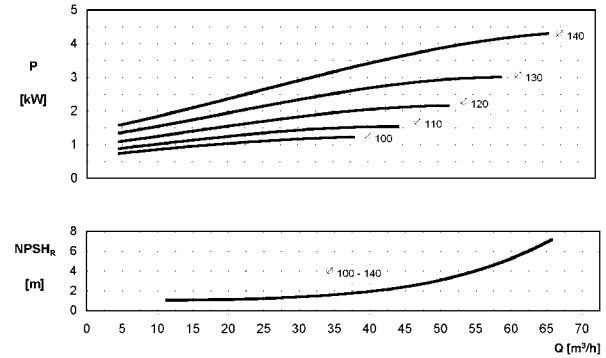
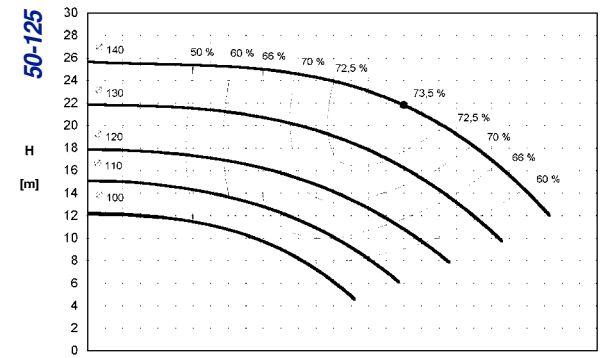
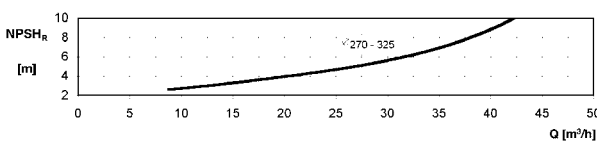
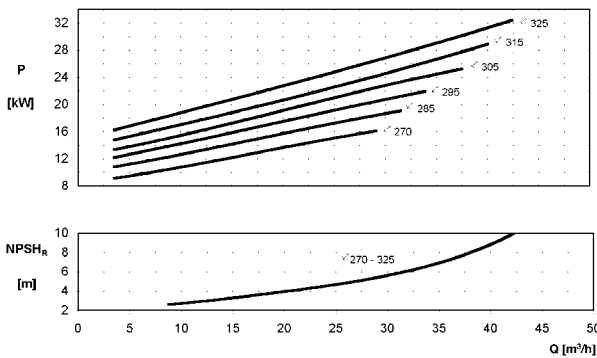
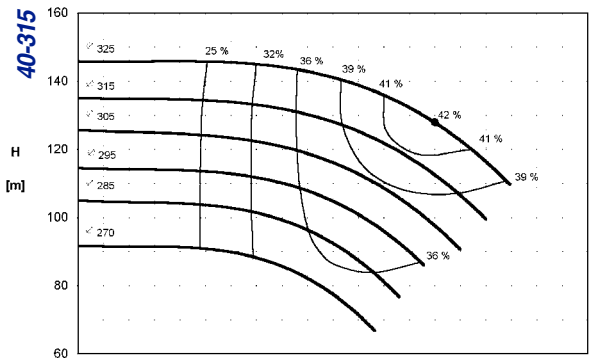
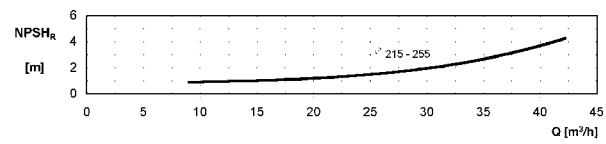
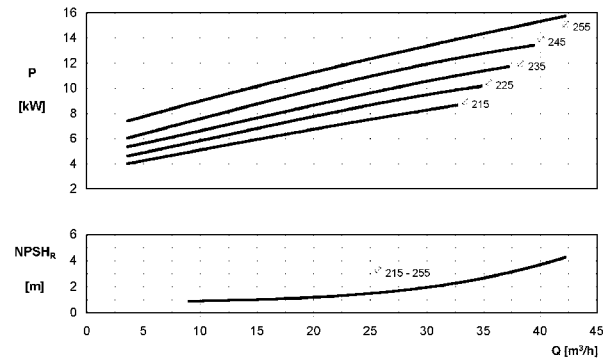
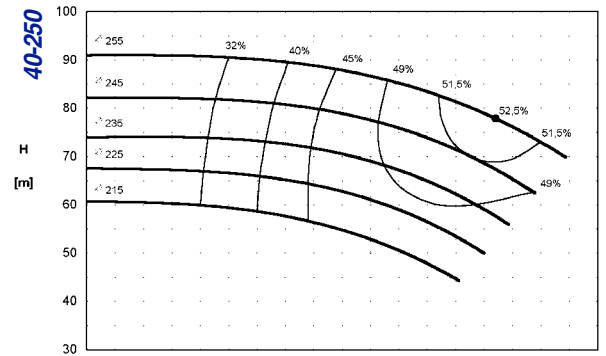
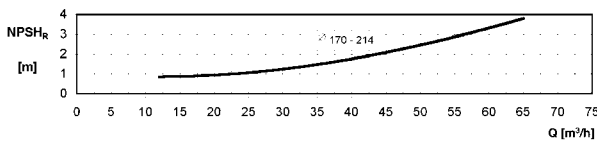
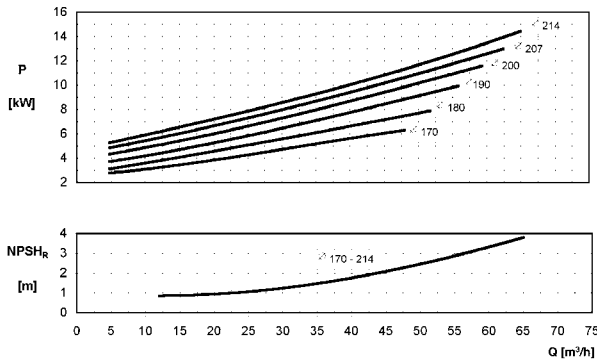
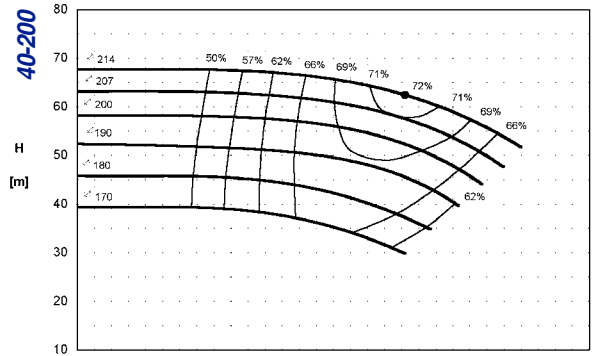




ENR (2.900 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)

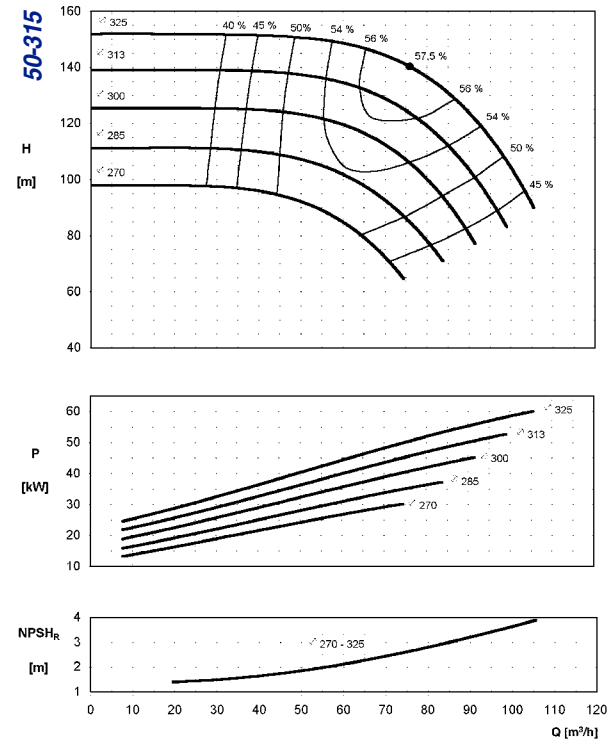
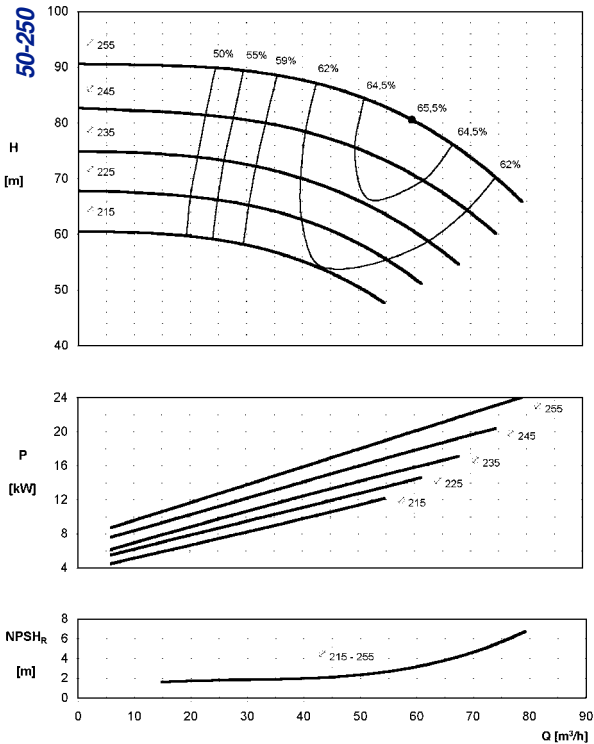
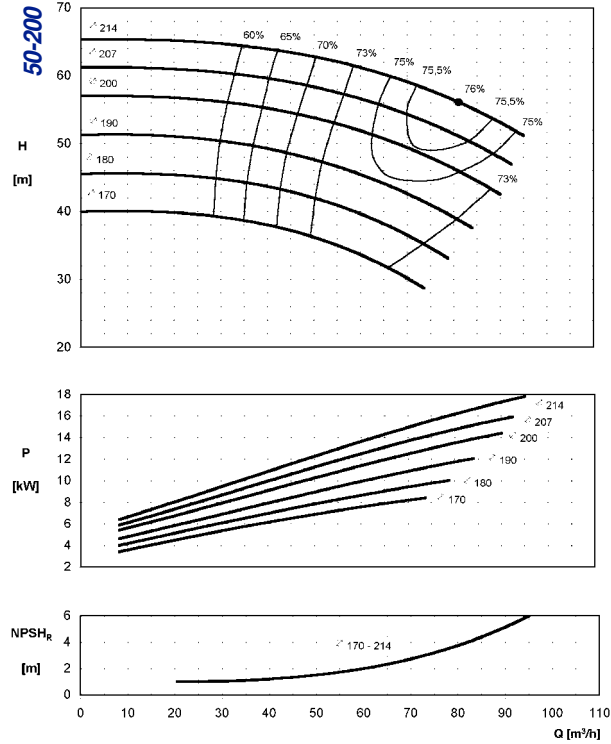
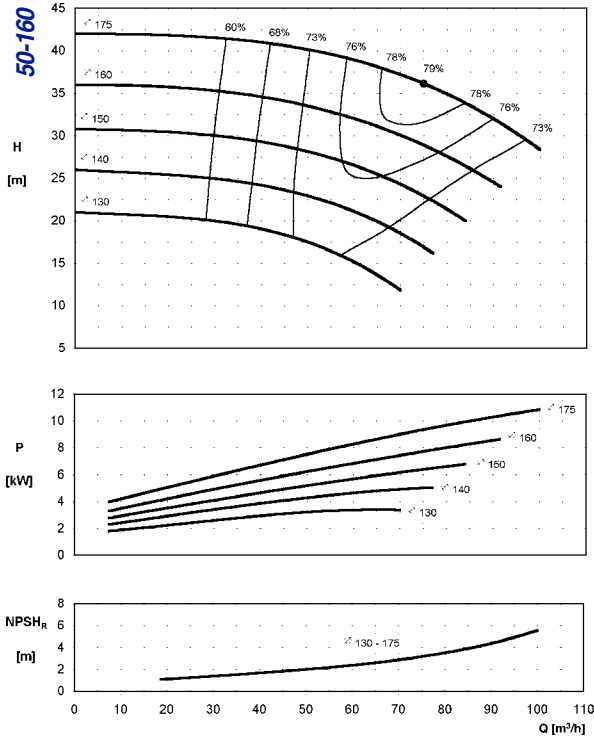




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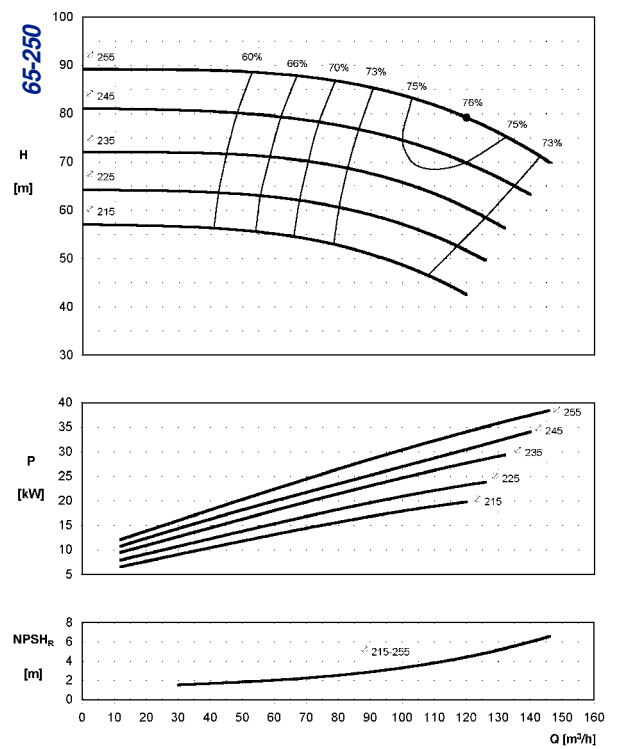
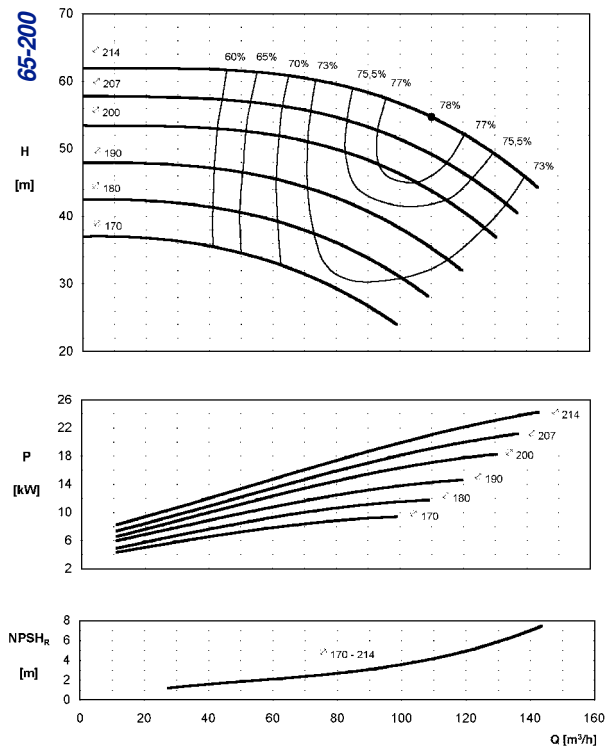
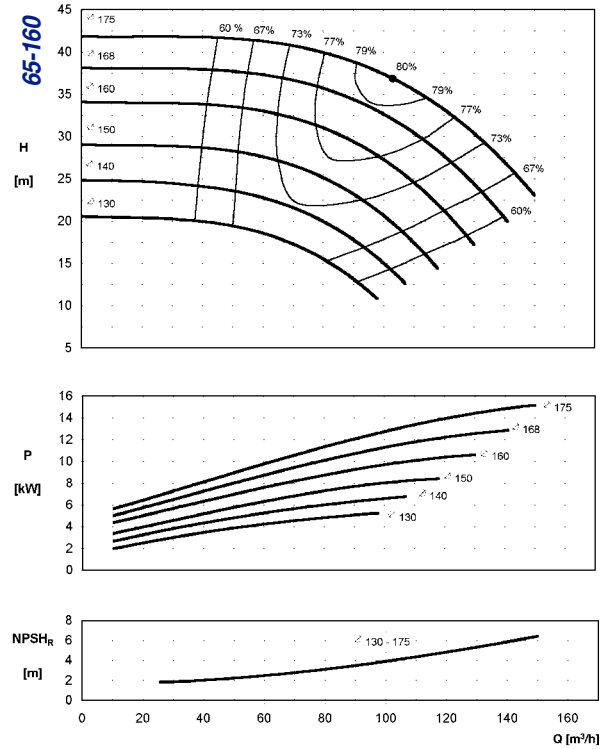
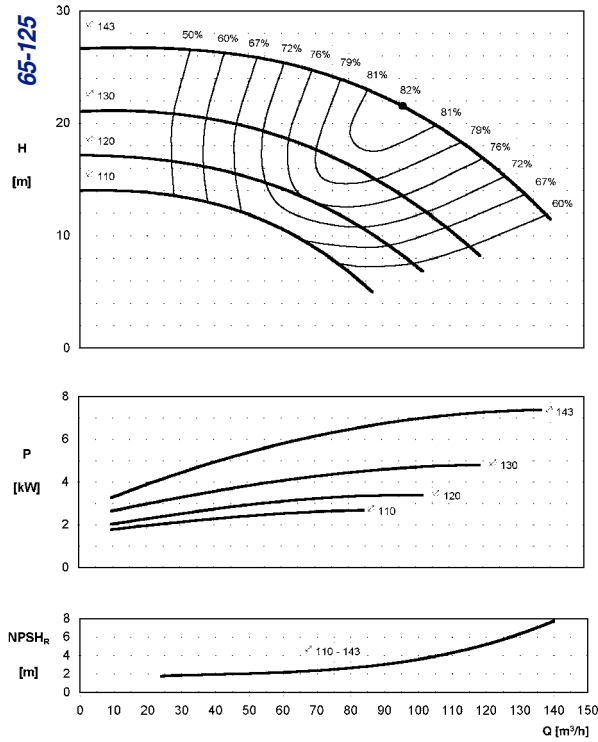




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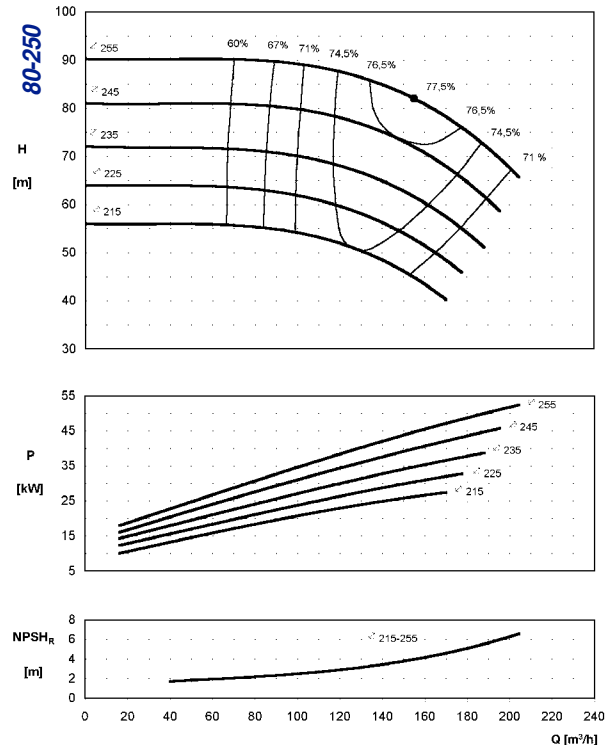
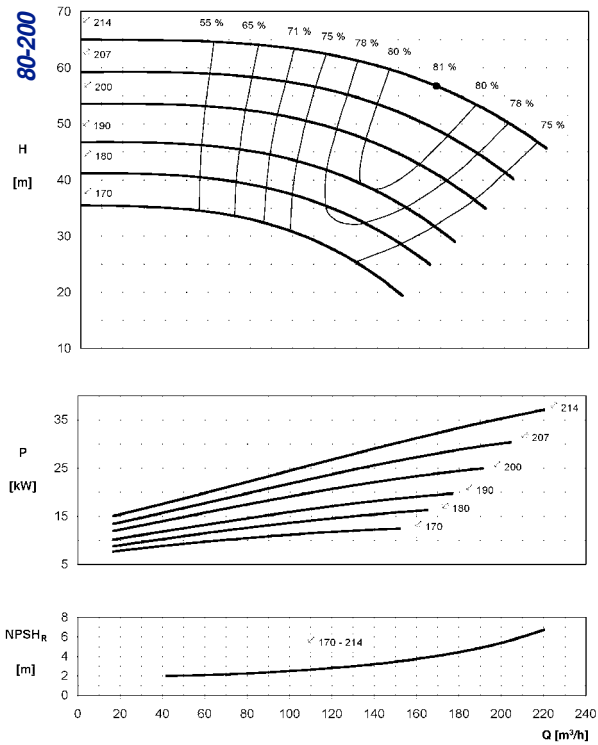
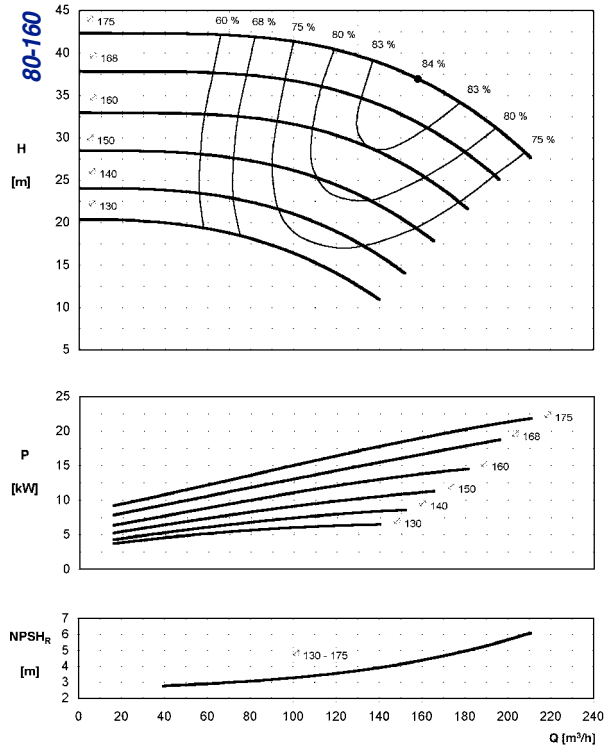
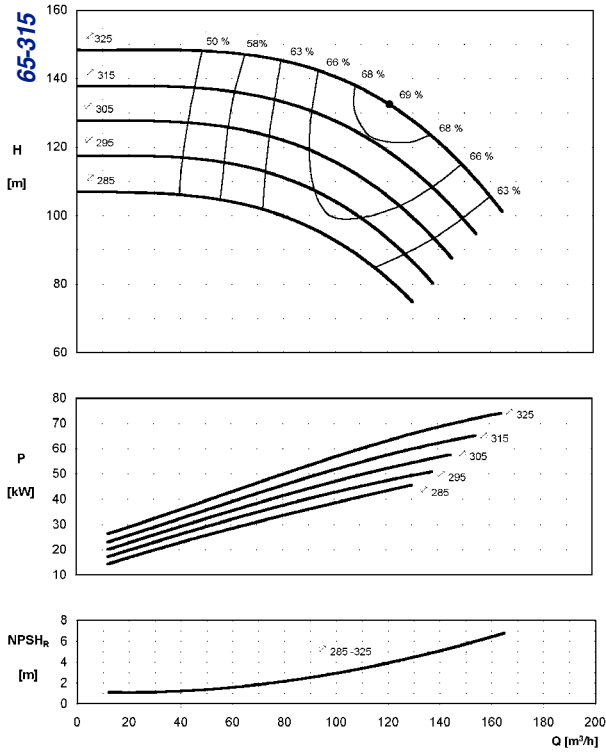




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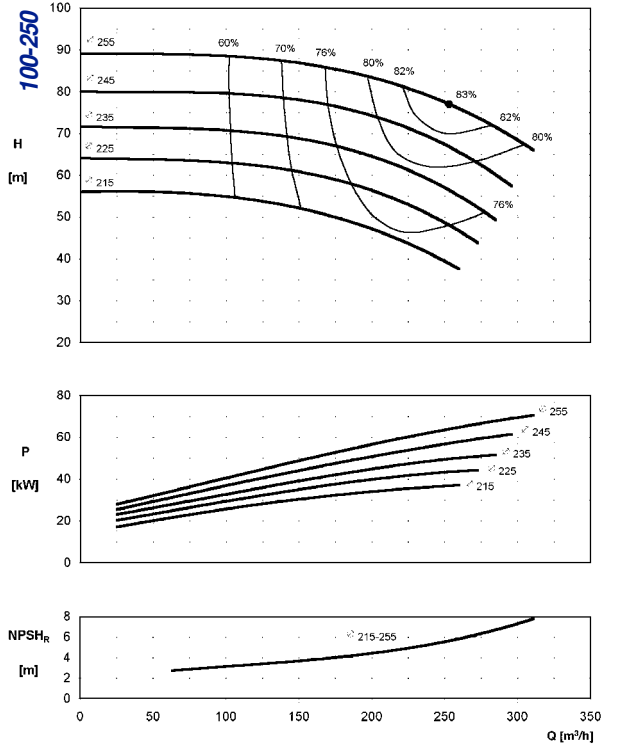
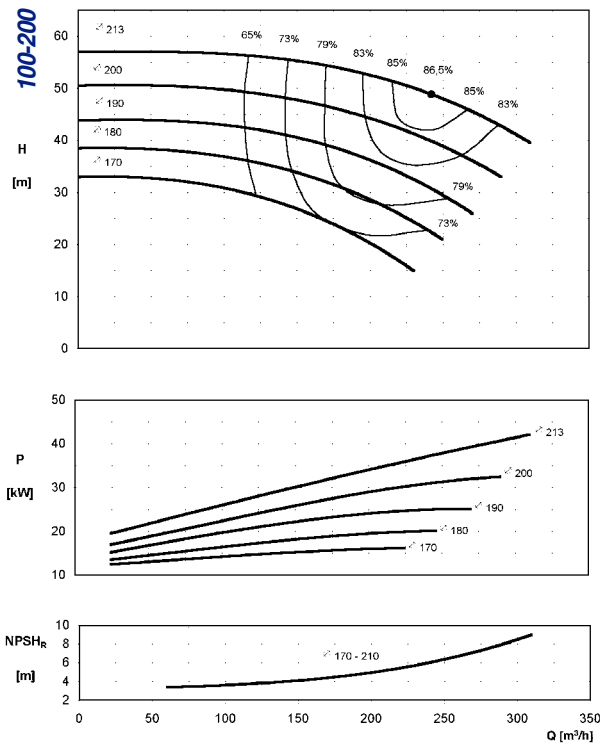
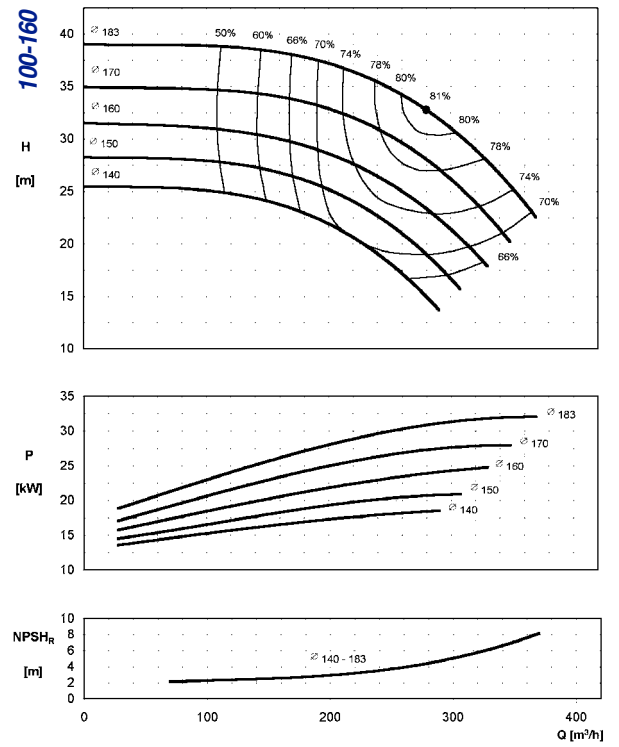
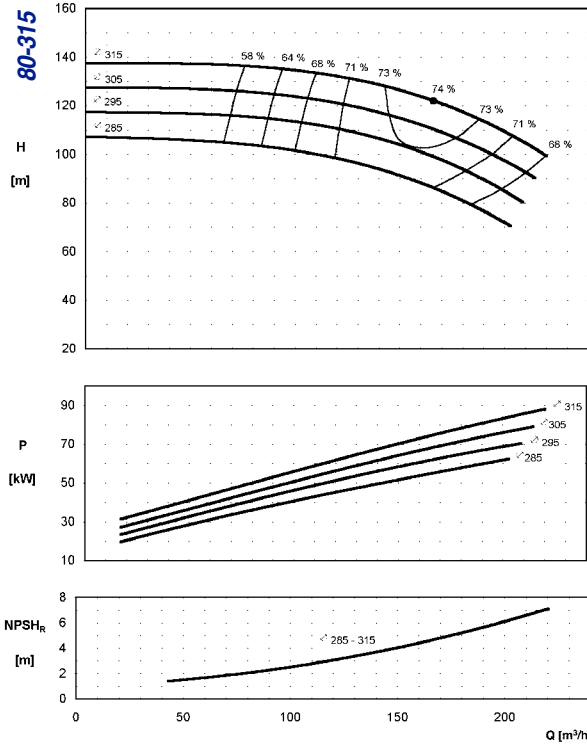




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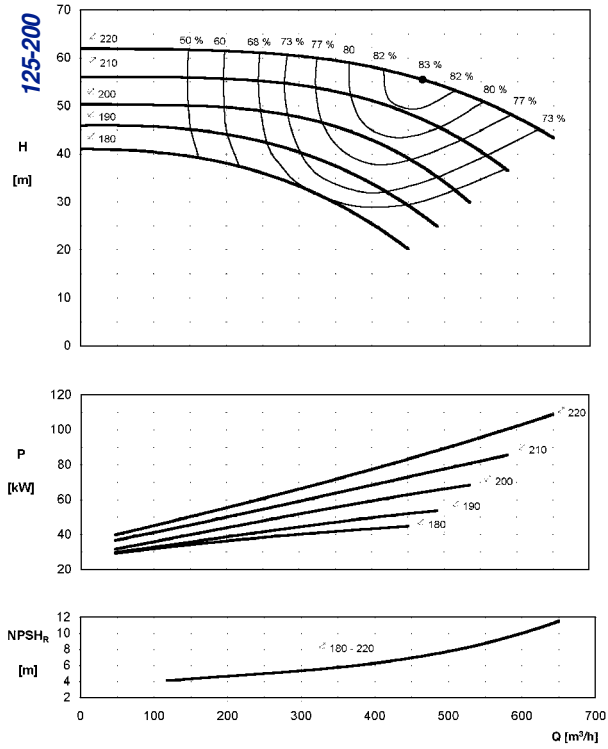


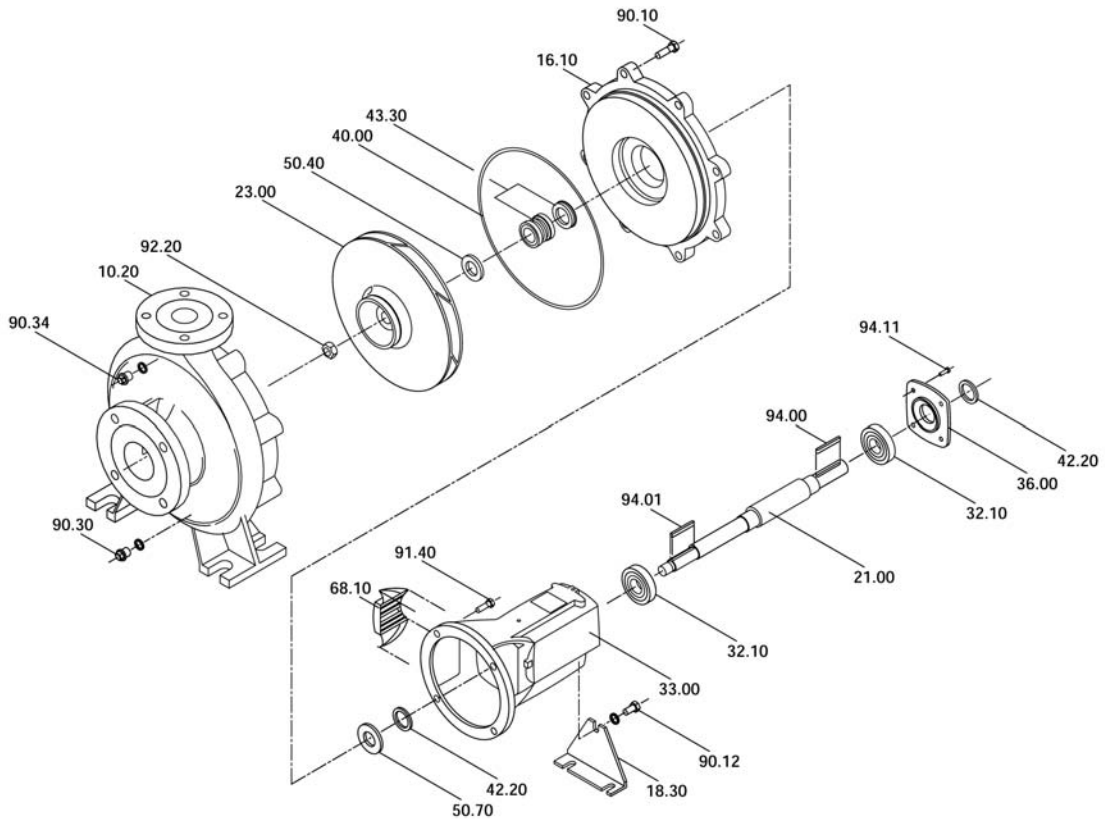


ENR (2.900 r.p.m.)

ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

CURVAS DE CARACTERÍSTICAS / PERFORMANCE CURVES (ISO 9906 / 2)



DESPIECE
COMPONENT LIST


PIEZA PART	DENOMINACIÓN DESIGNATION
10.20	Cuerpo de impulsión / <i>Volute casing</i>
16.10	Cuerpo portacierre / <i>Casing cover</i>
18.30	Pata de apoyo / <i>Pump foot</i>
21.00	Eje / <i>Shaft</i>
23.00	Impulsor / <i>Impeller</i>
32.10	Rodamiento / <i>Ball bearing</i>
33.00	Soporte cojinetes / <i>Bearing housing</i>
36.00	Tapa rodamiento / <i>Bearing cover</i>
40.00	Junta del cuerpo / <i>Casing gasket</i>
42.20	Retén V / <i>V seal</i>
43.30	Cierre mecánico / <i>Mechanical seal</i>
50.40	Anillo fondo / <i>Distance ring</i>

PIEZA PART	DENOMINACIÓN DESIGNATION
50.70	Anillo rompeaguas / <i>Thrower</i>
68.10	Protector / <i>Protection screen</i>
90.10	Tornillo cuerpo / <i>Casing screw</i>
90.11	Tornillo tapa / <i>Bearing cover screw</i>
90.12	Tornillo pata / <i>Foot screw</i>
90.30	Tapón vaciado / <i>Draining plug</i>
90.34	Tapón cebado / <i>Priming plug</i>
91.40	Tornillo soporte / <i>Housing screw</i>
92.20	Tuerca impulsor / <i>Impeller nut</i>
94.00	Chaveta lado eje / <i>Shaft side key</i>
94.01	Chaveta impulsor / <i>Impeller key</i>

REPUESTOS RECOMENDADOS / REQUESTED SPARE PARTS

Pieza Part	Denominación Designation	N.º de bombas / N.º of pumps		
		1 ÷ 3	4 ÷ 7	≥7
Cantidad / Quantity				
21.00	Eje completo / <i>Complete shaft</i>	2	3	4
23.00	Impulsor / <i>Impeller</i>	1	2	3
32.10	Rodamiento (juego) / <i>Ball bearing (set)</i>	2	3	4
43.30	Cierre mecánico / <i>Mechanical seal</i>	2	3	4
-	Juego de juntas / <i>Gasket kit</i>	2	3	4

CUADRO DE INTERCAMBIABILIDAD CHANGEABILITY CHART

DENOMINACIÓN PART NAME	CUERPO DE IMPULSIÓN CASING	CUERPO PORTACIERRE CASING COVER	PATA DE APOYO FOOT	EJE SHAFT	IMPULSOR IMPELLER	RODAMIENTO BALL BEARING	SOPORTE COJINETES BEARING HOUSING	TAPA RODAMIENTO BEARING COVER	JUNTA CUERPO CASING GASKET	CIERRE MECÁNICO MECHANICAL SEAL	ANILLO FONDO DISTANCE RING	PROTECTOR PROTECTION SCREEN	TUERCA IMPULSOR IMPELLER NUT	CHAVETA KEY	CHAVETA IMPULSOR IMPELLER KEY
BOMBA / PUMP	(10.20)	(16.10)	(18.30)	(21.00)	(23.00)	(32.10)	(33.00)	(36.00)	(40.00)	(43.30)	(50.40)	(68.10)	(92.20)	(94.00)	(94.01)
ENR 32-125	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ENR 32-160 A	2a	2	2	1	2a	1	1	1	2	1	1	1	1	1	1
ENR 32-160 B	2b	2	2	1	2b	1	1	1	2	1	1	1	1	1	1
ENR 32-200 A	3a	4	3	1	3a	1	1	1	3	1	1	1	1	1	1
ENR 32-200 B	3b	4	3	1	3b	1	1	1	3	1	1	1	1	1	1
ENR 32-250	4	7	4	1	4	1	1	1	4	1	1	1	1	1	1
ENR 40-125	5	1	1	1	5	1	1	1	1	1	1	1	1	1	1
ENR 40-160	6	2	2	1	6	1	1	1	2	1	1	1	1	1	1
ENR 40-200	7	4	3	1	7	1	1	1	3	1	1	1	1	1	1
ENR 40-250	8	7	4	1	8	1	1	1	4	1	1	1	1	1	1
ENR 40-315	9	14	5	2	9	2	2	2	6	2	2	2	2	2	2
ENR 50-125	10	1	2	1	10	1	1	1	1	1	1	1	1	1	1
ENR 50-160	11	3	3	1	11	1	1	1	2	1	1	1	1	1	1
ENR 50-200	12	5	3	1	12	1	1	1	3	1	1	1	1	1	1
ENR 50-250	13	7	4	1	13	1	1	1	4	1	1	1	1	1	1
ENR 50-315	14	15	5	2	14	2	2	2	6	2	2	2	2	2	2
ENR 65-125	15	1	3	1	15	1	1	1	1	1	1	1	1	1	1
ENR 65-160	16	3	3	1	16	1	1	1	2	1	1	1	1	1	1
ENR 65-200	17	5	4	1	17	1	1	1	3	1	1	1	1	1	1
ENR 65-250	18	8	6	2	18	2	2	2	4	2	2	2	2	2	2
ENR 65-315	19	15	5	2	19	2	2	2	6	2	2	2	2	2	2
ENR 80-160	20	3	4	1	20	1	1	1	2	1	1	1	1	1	1
ENR 80-200	21	6	7	2	21	2	2	2	3	2	2	2	2	2	2
ENR 80-250	22	9	6	2	22	2	2	2	4	2	2	2	2	2	2
ENR 80-315	23	15	8	2	23	2	2	2	6	2	2	2	2	2	2
ENR 80-400	24	17	9	3	24	3	3	3	7	3	3	3	3	3	3
ENR 100-160	25	19	6	2	25	2	2	2	5	2	2	2	2	2	2
ENR 100-200	26	20	6	2	26	2	2	2	3	2	2	2	2	2	2
ENR 100-250	27	10	5	2	27	2	2	2	4	2	2	2	2	2	2
ENR 100-315	28	15	8	2	28	2	2	2	6	2	2	2	2	2	2
ENR 100-400	29	17	9	3	29	3	3	3	7	3	3	3	3	3	3
ENR 125-200	30	21	8	2	30	2	2	2	5	2	2	2	2	2	2
ENR 125-250	31	11	8	2	31	2	2	2	4	2	2	2	2	2	2
ENR 125-315	32	16	9	3	32	3	3	3	6	3	3	3	3	3	3
ENR 125-400	33	18	10	3	33	3	3	3	7	3	3	3	3	3	3
ENR 150-200	34	21	11	2	34	2	2	2	5	2	2	2	2	2	2
ENR 150-250	35	12	11	2	35	2	2	2	4	2	2	2	2	2	2
ENR 150-315	36	16	9	3	36	3	3	3	8	3	3	3	3	3	3
ENR 150-400	37	18	10	3	37	3	3	3	7	3	3	3	3	3	3
ENR 200-250	39	13	9	3	39	3	3	3	9	3	3	3	3	3	3

Esta tabla contiene las piezas principales de las bombas de la serie ENR, y cada pieza tiene asignado un número (1, 2, 3...).

Las piezas que tienen asignado el mismo número dentro de la misma columna son intercambiables entre sí.

The chart shows the part list (main parts) of ENR pumps, and each part is designated by a number (1, 2, 3...).

Parts designated by the same number and placed in the same column means that these parts are changeable among these pump sizes.

**DIMENSIONES BOMBA EJE LIBRE
SOPORTES 25, 35 y 45**

**DIMENSIONS BEARING BRACKET
25, 35 & 45**

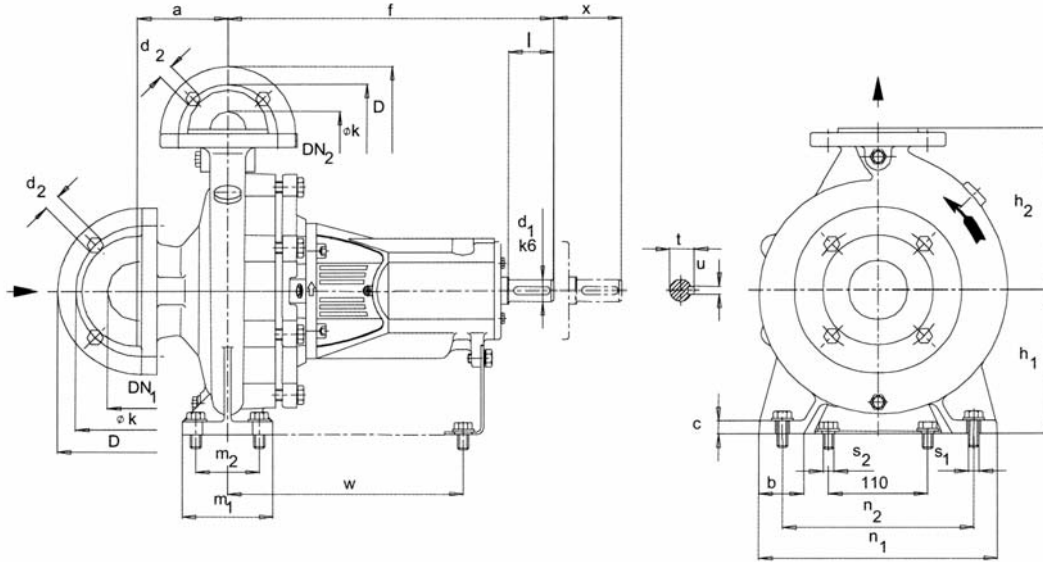


TABLA DE DIMENSIONES

OUTLINE DIMENSIONS

Tamaño de bomba Pump size	Sop. Sup.	Dimensiones bomba Pump dimensions						Dimensiones apoyo Foot dimensions										Extremo eje Shaft end				Peso Weight kg
		DN2	DN1	a	f	h1	h2	b	c	m1	m2	n1	n2	s1*	s2*	w	x	d1	l	t	u	
32-125	25	32	50	80	360	112	140	50	15	100	70	190	140	M12	M12	260	100	24	50	27	8	31
32-160						132	160															33
32-200						160	180															34
32-250 ¹⁾						180	225															46
40-125	25	40	65	80	360	112	140	50	15	100	70	210	160	M12	M12	260	100	24	50	27	8	28
40-160						132	160															30
40-200						160	180															36
40-250						180	225															46
40-315 ¹⁾	35	125	470	225	250	65	18	125	95	345	280	340	32	80	35	10	73					
50-125	25	50	65	100	360	132	160	50	15	100	70	240	190	M12	M12	260	100	24	50	27	8	30
50-160						180	200															36
50-200						160	200															40
50-250						180	225															50
50-315 ¹⁾	35	125	470	225	280	65	17	125	95	345	280	340	32	80	35	10	88					
65-125	25	65	80	100	360	180	200	65	15	125	95	280	212	M12	M12	260	100	24	50	27	8	33
65-160						200	225															39
65-200						180	225															45
65-250						200	250															70
65-315	35	125	470	225	280	80	18	160	120	360	280	340	340	32	80	35	10	92				
80-160	25	80	100	125	360	180	225	65	15	125	95	345	280	M12	M12	260	140	24	50	27	8	43
80-200						200	250															60
80-250						200	280															75
80-315						250	315															95
80-400 ¹⁾	45	125	530	280	355	80	18	160	120	400	315	M16	M12	370	42	110	45	12	143			
100-160 ¹⁾	35	100	125	140	200	200	280	80	18	160	120	360	280	M16	M12	340	140	32	80	35	10	78
100-200						225	315															70
100-250						250	315															85
100-315						250	315															104
100-400	45	140	530	280	355	100	200	150	500	400	M20	M12	370	42	110	45	12	177				
125-200 ¹⁾	35	125	150	140	470	250	315	80	18	160	120	400	315	M16	M12	340	140	32	80	35	10	100
125-250						280	355															102
125-315						530	280															151
125-400						315	400															188
150-200 ¹⁾	35	150	200	160	470	280	400	100	20	200	150	550	450	M20	M12	340	140	32	80	35	10	123
150-250 ¹⁾						280	400															128
150-315						530	315															170
150-400						315	450															205
200-250 ¹⁾	45	200	200	160	590	280	400	100	22	200	150	500	400	M20	M12	430	180	42	110	45	12	230

¹⁾ Los tamaños transnorma no están incluidos en DIN 24255 / EN 733. Bajo demanda, bridas taladradas según ANSI 150.

²⁾ Transnorm pump sizes, not included in DIN 24255 / EN 733. Flanges drilled according to ANSI 150 on request.

* Agujeros para tornillos de las dimensiones indicadas. Los tornillos no se incluyen en el alcance de suministro de bombas estándar eje libre.

* Slots suitable for bolts with dimensions indicated. Bolts are not included in the bare shaft pump standard scope of supply.

**DIMENSIONES BOMBA EJE LIBRE
SOPORTES 55 y 65**

**DIMENSIONS BEARING BRACKET
55 & 65**

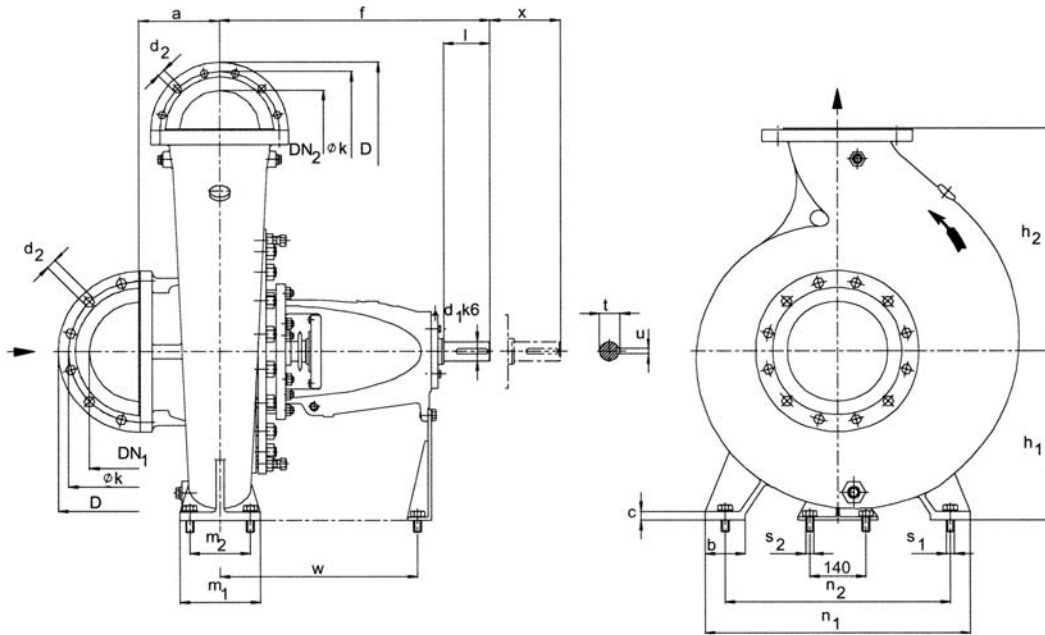


TABLA DE DIMENSIONES

OUTLINE DIMENSIONS

Tamaño de bomba Pump size	Sop. Sup.	Dimensiones bomba Pump dimensions					Dimensiones apoyo Foot dimensions						Extremo eje Shaft end					Peso Weight kg				
		DN2	DN1	a	f	h1	h2	b	c	m1	m2	n1	n2	s1*	s2*	w	x		d1	l	t	u
150-500 ^(*)	55	150	200	180	670	400	500	100	22	200	150	640	540	M20	M16	489	180	50	115	53.5	14	335
200-315 ^(*)	55	200	250	200	670	355	450	100	22	200	150	550	450	M20	M16	489	180	50	115	53.5	14	310
200-400 ^(*)				180			500					660	560									340
200-500 ^(*)				200			425					560	660									560
250-300 ^(*)	55	250	300	305	655	425	550	120	28	240	190	700	600	M20	M16	474	180	50	115	53.5	14	416
250-315 ^(*)				670	375	560	620					520	489			424						
250-400 ^(*)				720	400	600	700					600	508			464						
250-500 ^(*)	65	300	350	250	720	450	670	120	32	250	190	750	650	M24	M16	503	180	60 ^(*)	145	64	18	589
300-400 ^(*)						425	670					760	660			508						620
300-500 ^(*)	65	300	350	300	720	480	670	140	32	250	190	840	720	M24	M16	508	180	60 ^(*)	145	64	18	620
300-500 ^(*)						480	670					840	720			508						620

^(*) Los tamaños transnorma no están incluidos en DIN 24255 / EN 733. Bajo demanda, bridas taladradas según ANSI 150.

^(*) Transnorm pump sizes, not included in DIN 24255 / EN 733. Flanges drilled according to ANSI 150 on request.

^(*) Para estos tamaños la tolerancia es m6.

^(*) For these sizes the clearance corresponds to m6.

* Agujeros para tornillos de las dimensiones indicadas. Los tornillos no se incluyen en el alcance de suministro de bombas estándar eje libre.

* Slots suitable for bolts with dimensions indicated. Bolts are not included in the bare shaft pump standard scope of supply.

BRIDAS

FLANGES

Conexiones de bridas según DIN 2501 PN 16 Flange connections to DIN 2501 PN 16														DIN 2501 PN 10 ^(*) DIN 2501 PN 10 ^(*)			
DN2/DN1	32	40	50	65	80	100	125	150	200	250	300	350	400	100	125	150	200
D	140	150	165	185	200	220	250	285	340	405	460	520	580	220	250	285	340
k	100	110	125	145	160	180	210	240	295	355	410	470	525	180	210	240	295
d ₂ x número/number	18x4	18x4	18x4	18x4	18x8	18x8	18x8	22x8	22x12	26x12	26x12	26x16	30x16	18x8	18x8	22x8	22x8

(*) Bridas para los modelos ENR 150-200, 150-250 y 200-250.

(*) Flanges for ENR 150-200, 150-250 and 200-250 models.

**DIMENSIONES GRUPO MOTOBOMBA
SOPORTES 25, 35 y 45**

**FOUNDATION PLAN, BEARING
BRACKETS 25, 35 & 45**

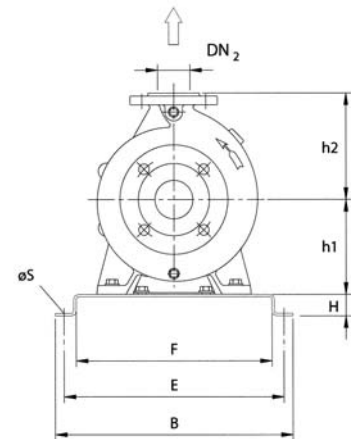
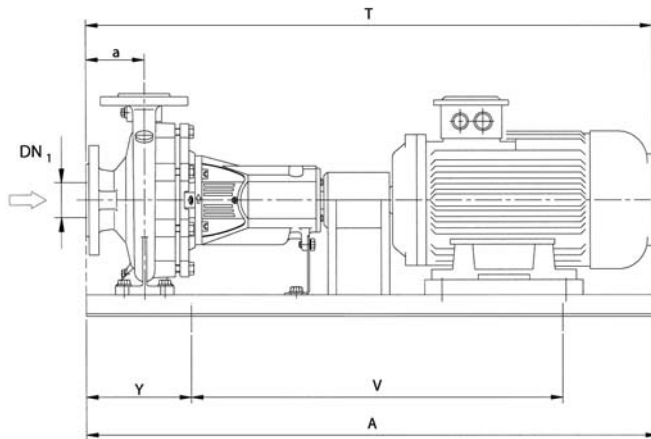


TABLA DE DIMENSIONES

OUTLINE DIMENSIONS

Composición Components			Común Common					Acoplamiento estándar Standard coupling										Acoplamiento con espaciador Coupling with spacer																					
Tamaño Bomba Pump	Motor		DN2	DN1	a	h2	h1	A	B	F	Y	V	E	H	S	T	kg	A	B	F	Y	V	E	H	S	T	kg												
	kW 4 pol.	Tamaño Frame size 2 pol.																																					
32-125	0,37	71	32	50	80	140	112	900	390	300	150	600	350	50	18	714	70	900	390	300	150	600	350	50	18	810	71												
	0,55	80																										70	71										
	0,75	80																										70	71										
	0,75	80																										70	71										
	1,1	80																										70	71										
	1,5	90S																										76	73										
	2,2	90L																										76	76										
3	100L	844	86	860	74	76	940	87																															
32-160	0,37	71	32	50	80	160	132	900	390	300	150	600	350	50	18	714	71	900	390	300	150	600	350	50	18	810	72												
	0,55	80																										71	72										
	0,75	80																										71	72										
	1,5	90S																										74	74										
	2,2	90L																										76	77										
	3	100L																										844	87	860	77	940	88						
	4	112																										844	99	900	490	380	150	600	440	50	18	940	101
5,5	132S	926	110	1000	450	340	170	660	400	50	22	1022	116																										
32-200	0,55	80	32	50	80	180	160	900	390	300	150	600	350	50	18	714	79	900	390	300	150	600	350	50	18	810	79												
	0,75	80																										79	79										
	1,1	90S																										82	83										
	1,5	90L																										76	84										
	2,2	90L																										84	85										
	3	100L																										844	91	860	85	940	92						
	4	112																										844	103	900	490	380	150	600	440	50	18	940	105
5,5	132S	926	121	1120	490	380	190	740	440	50	22	1022	139																										
7,5	132S	926	121	1120	490	380	190	740	440	50	22	1022	139																										
11	160M	1092	167	1188	168	1120	490	380	190	740	440	50	22	1042	150																								
32-250	0,75	80	32	50	100	225	180	900	490	380	150	600	440	50	18	734	95	900	490	380	150	600	440	50	18	830	96												
	1,1	90S																										98	99										
	1,5	90L																										784	100	880	101								
	2,2	100L																										864	111	960	113								
	3	100L																										864	111	960	113								
	7,5	132S																										946	132	1120	490	380	190	740	440	50	22	1042	150
	11	160M																										1187	187	1189	189								
15	160M	1112	187	1120	610	480	190	740	550	50	22	1208	189																										
18,5	160L	1201	201	1204	204																																		
40-125	0,37	71	40	65	80	140	112	900	390	300	150	600	350	50	18	714	71	900	390	300	150	600	350	50	18	810	72												
	0,55	80																										71	72										
	0,75	80																										71	72										
	1,1	80																										71	72										
	1,5	90S																										74	75										
	2,2	90L																										76	77										
	3	100L																										844	87	860	77	940	88						
4	112	844	94	940	94																																		
5,5	132S	926	114	1120	490	380	190	740	440	50	22	1022	132																										



ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

Composición Componentes			Común Common					Acoplamiento estándar Standard coupling										Acoplamiento con espaciador Coupling with spacer														
Tamaño Bomba Pump	Motor		DN2	DN1	a	h2	h1	A	B	F	Y	V	E	H	S	T	kg	A	B	F	Y	V	E	H	S	T	kg					
	kW	2 pol.																										Tamaño Frame size				
40-160	0,37		71	40	65	80	160	132	900	390	300	150	600	350	50	18	77	900	390	300	150	600	350	50	18	810	77					
	0,55		80																									77	77	77	810	77
	0,75		80																									77	77	77	810	77
	1,1		90S																									80	82	82	860	83
	1,5		90L																									82	82	83	860	83
	1,5		90S																									84	84	84	940	93
	2,2		90L																									84	84	84	940	93
	3		100L																									84	84	84	940	93
	4		112																									84	84	84	940	93
	5,5		132S																									84	84	84	940	93
	7,5		132S																									84	84	84	940	93
40-200	0,55		80	40	65	100	180	160	900	490	380	150	600	440	50	18	84	1000	450	340	170	660	400	50	22	830	86					
	0,75		80																									84	84	84	830	86
	1,1		90S																									84	84	84	830	86
	1,5		90L																									84	84	84	830	86
	3		100L																									84	84	84	830	86
	4		112																									84	84	84	830	86
	5,5		132S																									84	84	84	830	86
	7,5		132S																									84	84	84	830	86
	11		160M																									84	84	84	830	86
	15		160M																									84	84	84	830	86
	11		160M																									84	84	84	830	86
40-250	1,1		90S	40	65	100	225	180	900	490	380	150	600	440	50	18	84	900	490	380	150	600	440	50	18	880	99					
	1,5		90L																									84	84	84	880	99
	2,2		100L																									84	84	84	880	99
	3		100L																									84	84	84	880	99
	7,5		132S																									84	84	84	880	99
	11		160M																									84	84	84	880	99
	15		160M																									84	84	84	880	99
	18,5		160L																									84	84	84	880	99
	22		180M																									84	84	84	880	99
	11		160M																									84	84	84	880	99
	15		160M																									84	84	84	880	99
40-315	2,2		100L	40	65	125	250	225	1120	610	480	190	740	550	50	22	99	1250	540	430	205	840	490	50	22	1095	173					
	3		100L																									171	171	171	1095	173
	4		112																									171	171	171	1095	173
	5,5		132S																									171	171	171	1095	173
	15		160M																									171	171	171	1095	173
	18,5		160L																									171	171	171	1095	173
	22		180M																									171	171	171	1095	173
	30		200L																									171	171	171	1095	173
	37		200L																									171	171	171	1095	173
	11		160M																									171	171	171	1095	173
	15		160M																									171	171	171	1095	173
50-125	0,37		71	50	65	100	160	132	900	390	300	150	600	350	50	18	77	900	390	300	150	600	350	50	18	830	77					
	0,55		80																									77	77	77	830	77
	0,75		80																									77	77	77	830	77
	1,1		90S																									80	82	82	880	83
	1,5		90S																									82	82	83	880	83
	2,2		90L																									84	84	84	960	100
	3		100L																									84	84	84	960	100
	4		112																									84	84	84	960	100
	5,5		132S																									84	84	84	960	100
	7,5		132S																									84	84	84	960	100
	11		160M																									84	84	84	960	100
50-160	0,55		80	50	65	100	180	160	900	490	380	150	600	440	50	18	82	1000	450	340	170	660	400	50	22	880	100					
	0,75		80																									82	82	82	880	100
	1,1		90S																									82	82	82	880	100
	1,5		90L																									82	82	82	880	100
	2,2		90L																									82	82	82	880	100
	3		100L																									82	82	82	880	100
	4		112																									82	82	82	880	100
	5,5		132S																									82	82	82	880	100
	7,5		132S																									82	82	82	880	100
	11		160M																									82	82	82	880	100
	15		160M																									82	82	82	880	100
50-200	1,1		90S	50	65	100	200	160	900	490	380	150	600	440	50	18	89	1000	450	340	170	660	400	50	22	960	104					
	1,5		90L																									92	92	92	960	104
	2,2		100L																									92	92	92	960	104
	3		100L																									92	92	92	960	104
	4		112																									92	92	92	960	104
	3		100L																									92	92	92	960	104
	4		112																									92	92	92	960	104
	5,5		132S																									92	92	92	960	104
	7,5		132S																									92	92	92	960	104
	11		160M																									92	92	92	960	104
	15		160M																									92	92	92	960	104



ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

Composición Components			Común Common					Acoplamiento estándar Standard coupling										Acoplamiento con espaciador Coupling with spacer									
Tamaño Bomba Pump	Motor		DN2	DN1	a	h2	h1	A	B	F	Y	V	E	H	S	T	kg	A	B	F	Y	V	E	H	S	T	kg
	4 pol.	2 pol.																									
50-250	1,5	90L	50	65	100	225	180	900	490	380	150	600	440	50	18	784	107	1120	490	380	190	740	440	50	18	880	108
	2,2	100L														864	117									960	119
	3	100L														864	117									960	119
	4	112														946	123									1042	142
	5,5	132S														946	138									1042	157
	15	160M														1112	194									1208	195
	18,5	160L														1112	207									1208	211
	22	180M														1150	232									1246	235
	30	200L														1187	296									1283	321
	200															1187	296									1283	321
50-315	3	100L	50	65	125	280	225	1120	610	480	190	740	550	50	22	999	171	1250	540	430	205	840	490	50	22	1095	180
	4	112														1081	189									1177	195
	5,5	132S														1081	199									1177	203
	7,5	132M														1285	280									1381	283
	22	180M														1322	345									1418	348
	30	200L														1322	345									1418	348
	37	200L														1400	610									1400	610
	45	225M														1400	610									1400	610
	55	250M														1429	404									1525	411
	75	280S														1429	438									1525	441
250		1429	438	1525	441																						
280		1800	730	1655	576																						
65-125	0,55	80	65	80	100	180	160	900	490	380	150	600	440	50	18	734	80	1120	490	380	190	740	440	50	22	830	81
	0,75	80														784	80									880	81
	1,1	90S														784	83									880	85
	3	100L														864	95									960	98
	4	112														864	102									960	120
	5,5	132S														946	117									1042	135
	7,5	132S														946	117									1042	135
	11	160M														1112	163									1208	164
65-160	0,75	80	65	80	100	200	160	900	490	380	150	600	440	50	18	734	85	1120	450	340	170	660	400	50	22	830	86
	1,1	90S														784	88									880	90
	1,5	90L														784	90									880	92
	2,2	100L														864	100									960	103
	5,5	132S														946	122									1042	140
	7,5	132S														946	122									1042	140
	11	160M														1112	168									1208	169
	15	160M														1112	168									1208	169
	18,5	160L														1112	182									1208	183
	200															1112	182									1208	183
65-200	1,1	90S	65	80	100	225	180	900	490	380	150	600	440	50	18	784	98	1120	490	380	190	740	440	50	22	880	115
	1,5	90L														784	100									880	117
	2,2	100L														864	110									960	128
	3	100L														864	110									960	128
	4	112														946	116									1042	134
	5,5	132S														946	131									1042	149
	11	160M														1112	186									1208	219
	15	160M														1112	186									1208	219
	18,5	160L														1150	200									1246	234
	22	180M														1150	225									1246	257
30	200L	1187	288	1283	313																						
65-250	2,2	100L	65	80	100	250	200	1120	610	480	190	740	550	50	22	974	163	1250	540	430	205	840	490	50	22	1070	164
	3	100L														974	169									1070	172
	4	112														1056	184									1152	187
	5,5	132S														1056	194									1152	194
	7,5	132M														1222	249									1318	251
	18,5	160L														1260	273									1356	276
	22	180M														1260	337									1356	340
	30	200L														1297	337									1393	340
	37	200L														1297	337									1393	340
	45	225M														1404	396									1500	403
65-315	5,5	132S	65	80	125	280	225	1120	610	480	190	740	550	50	22	1081	203	1400	610	480	230	940	550	75	26	1217	227
	7,5	132M														1081	211									1217	235
	11	160M														1247	254									1383	256
	15	160L														1247	268									1383	270
	30	200L														1322	370									1458	373
	37	200L														1322	370									1458	373
	45	225M														1429	419									1565	422
	55	250M														1429	449									1565	452
	75	280S														1559	583									1695	587
	90	280M														1559	629									1695	633
80-160	0,75	80	80	100	125	225	180	900	490	380	150	600	440	50	18	759	90	1120	490	380	190	740	440	50	22	855	108
	1,1	90S														809	93									905	111
	1,5	90L														809	95									905	113
	2,2	100L														889	105									985	123
	3	100L														889	105									985	123
	4	112														971	112									1067	130
	7,5	132S														971	143									1067	145
	11	160M														1137	182									1233	206
	15	160M														1137	182									1233	206
	18,5	160L														1175	196									1271	220
22	180M	1175	220	1271	243																						
30	200L	1212	284	1308	309																						



ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

Composición Components			Común Common					Acoplamiento estándar Standard coupling										Acoplamiento con espaciador Coupling with spacer																	
Tamaño Bomba Pump	Motor		DN2	DN1	a	h2	h1	A	B	F	Y	V	E	H	S	T	kg	A	B	F	Y	V	E	H	S	T	kg								
	kW	Tamaño Frame size																																	
100-400	15	160L	100	125	140	355	280	1400	730	600	230	940	670	75	26	1322	373	1400	730	600	230	940	670	75	26	1496	376								
	18,5	180M														1360	398									1533	401								
	22	180L														1397	436									1533	437								
	30	200L														1462	462									1533	501								
	37	225S														1504	503									1640	542								
	45	225M														1504	521									1640	561								
125-200	7,5	132M	125	150	140	315	250	1120	610	480	190	740	550	50	22	1096	223	1400	610	480	230	940	670	75	26	1232	248								
	11	160M						1400	610	480	230	940	550	75	26	1262	267	1398	269																
	15	160L						1400	610	480	230	940	550	75	26	1262	281	1398	283																
	37	200L						1400	730	600	230	940	670	75	26	1337	383	1473	386																
	45	225M						1600	660	530	270	1060	600	75	26	1444	432	1580	435																
	55	250M						1600	660	530	270	1060	600	75	26	1444	462	1580	465																
	75	280S						1800	730	600	300	1200	670	100	26	1574	595	1710	599																
	90	280M						1800	730	600	300	1200	670	100	26	1574	641	1710	645																
	110	315S						315	1800	850	700	300	1200	780	100	22	1574	670	1710	675															
	110	315S						315	1120	610	480	190	740	550	50	22	1096	237	1232	262															
125-250	7,5	132M	125	150	140	355	250	1400	610	480	230	940	550	75	26	1262	281	1400	610	480	230	940	550	75	26	1398	283								
	11	160M														1262	295									1398	297								
	15	160L														1300	319									1436	322								
	18,5	180M														1337	358									1473	360								
125-315	15	160L	125	150	140	355	280	1400	730	600	230	940	670	75	26	1322	352	1400	730	600	230	940	670	75	26	1458	355								
	18,5	180M														1360	377									1496	379								
	22	180L														1397	415									1533	415								
	30	200L														1397	440									1533	479								
	37	225S														1504	482									1640	521								
	45	225M														1504	500									1640	540								
125-400	30	200L	125	150	140	400	315	1400	730	600	230	940	670	75	26	1397	475	1800	730	600	300	1200	670	100	26	1533	513								
	37	225S						1504	516	1640	555																								
	45	225M						1504	534	1640	575																								
	55	250M						1800	730	600	300	1200	670	100	26	1569	612	1705	616																
	75	280S						1800	850	700	300	1200	780	100	26	1634	733	1770	739																
150-200	7,5	132M	150	200	160	400	280	1400	730	600	230	940	670	75	26	1116	303	1400	730	600	230	940	670	75	26	1252	306								
	11	160M														1282	325									1418	327								
	15	160L														1282	338									1418	341								
	18,5	180M														1320	363									1456	366								
	15	160L														1282	370									1418	373								
150-250	18,5	180M	150	200	160	400	280	1400	730	600	230	940	670	75	26	1320	395	1400	730	600	230	940	670	75	26	1456	398								
	22	180L														1320	433									1493	436								
	30	200L														1357	459									1493	497								
	37	225S														1464	500									1600	539								
	18,5	180M														1380	427									1400	730	600	230	940	670	75	26	1516	432
	22	180L														1417	465									1553	504								
150-315	30	200L	150	200	160	400	280	1400	730	600	230	940	670	75	26	1524	567	1800	730	600	300	1200	670	100	26	1660	571								
	37	225S														1589	628									1725	632								
	45	225M														1524	586									1660	591								
	55	250M														1589	628									1725	632								
	18,5	180M														1524	605									1660	610								
	22	180L														1589	647									1725	652								
150-400	45	225M	150	200	160	450	315	1800	730	600	300	1200	670	100	26	1524	605	1800	730	600	300	1200	670	100	26	1660	610								
	55	250M						1800	850	700	300	1200	780	100	26	1589	647	1725	652																
	75	280S						1800	850	700	300	1200	780	100	26	1654	768	1790	774																
	90	280M						1800	850	700	300	1200	780	100	26	1654	837	1790	844																
200-250	15	160L	200	200	160	400	280	1400	730	600	230	940	670	75	26	1402	425	1800	730	600	300	1200	670	100	26	1578	468								
	18,5	180M														1440	450									1616	493								
	22	180L														1440	488									1616	531								
	30	200L														1477	514									1653	557								



ELECTROBOMBA CENTRÍFUGA NORMALIZADA según EN 733 (DIN 24255)

Composición Components			Común Common					Acoplamiento estándar Standard coupling										Acoplamiento con espaciador Coupling with spacer																									
Tamaño Bomba Pump	Motor		DN2	DN1	a	h2	h1	A	B	F	Y	V	E	H	S	T	kg	A	B	F	Y	V	E	H	S	T	kg																
	kW 4 pol.	Tamaño Frame size																																									
250-300	37	225S	250	300	305	550	455	1890	880	365	190	755	830	140	18	1771	894	2070	880	365	210	825	830	140	18	1947	898																
	45	225M						2010			795	1894				922	2190	885			2070	1044																					
	55	250M						2090			835	1969				1217	2260	900			2145	1225																					
	75	280S						2190			920	2064				1485	1565	2370			820	315				230	955	760	160	20	2240	1496	1576										
250-315	37	225S	250	300	250	560	405	1810	800	310	190	735	750	140	18	1694	842	1990	800	310	190	805	750	140	18	1870	846																
	45	225M						1850			735	1731				902	2030	865			2030	906																					
	55	250M						1970			795	1854				1045	2150	885			2150	936																					
	75	280S						2050			815	1929				1225	2220	900			2233																						
	90	280M						2190			820	2064				1485	1565	2370			820	315				230	955	760	160	20	2240	1283	1283										
	110	315S						2190			820	2064				1485	1565	2370			820	315				230	955	760	160	20	2240	1496	1576										
	132	315M						2190			820	2064				1485	1565	2370			820	315				230	955	760	160	20	2240	1496	1576										
	37	225S						250			300	250				600	430	1900			880	310				190	760	830	140	18	1781	958	2080	880	310	210	830	830	140	18	1957	962	
	45	225M																2020								800	1904				1095	2200	870			830	140				18	2080	1103
	55	250M																2100								840	1979				1275	2270	905			2155	1284						
75	280S	2240	890	2114	1540	2420	960		2290	1334																																	
90	280M	2380	890	2254	1775	2560	1030		2430	1377																																	
110	315S	2500	960	2374	1915	2680	1070		2550	1431																																	
132	315M	2740	980	2599	2135	2910	1165		2775	1480																																	
160	315L	2740	980	2599	2135	2910	1165		2775	1480																																	
200	315L	2740	980	2599	2135	2910	1165		2775	1480																																	
250	315	2740	980	2599	2135	2910	1165		2775	1480																																	
315	315	2740	980	2599	2135	2910	1165	2775	1480																																		
355	355	2740	980	2599	2135	2910	1165	2775	1480																																		
250-500	75	280S	250	300	250	670	480	2100	930	310	210	840	880	140	18	1979	1407	2270	930	310	230	905	880	140	18	2155	1431																
	90	280M						2240			890	2114				1671	2420	960			2290	1703																					
	110	315S						2380			940	2254				1910	2560	1030			2430	1780																					
	132	315M						2500			960	2374				2050	2680	1070			2550	1933																					
	160	315L						2740			980	2599				2160	2910	1165			2775	2068																					
	200	315L						2740			980	2599				2160	2910	1165			2775	2068																					
	250	315						2740			980	2599				2160	2910	1165			2775	2068																					
	315	315						2740			980	2599				2160	2910	1165			2775	2068																					
	355	355						2740			980	2599				2160	2910	1165			2775	2068																					
	400	355						2740			980	2599				2160	2910	1165			2775	2068																					
300-400	45	225M	300	350	300	670	455	1950	940	360	190	785	890	140	18	1831	1150	2130	940	360	210	855	890	140	18	2007	1143																
	55	250M						2070			825	1954				1260	2250	895			890	140				18	2130	1243															
	75	280S						2150			865	2029				1442	2320	930			2205	1466																					
	90	280M						2290			915	2164				1701	2470	985			2340	1515																					
	110	315S						2430			950	2304				1945	2610	1035			2480	1733																					
	132	315M						2550			965	2424				2085	2730	1095			2600	1810																					
	160	315L						2790			980	2649				2191	2960	1190			2825	1968																					
	200	315L						2790			980	2649				2191	2960	1190			2825	1968																					
	250	315						2790			980	2649				2191	2960	1190			2825	1968																					
	315	315						2790			980	2649				2191	2960	1190			2825	1968																					
300-500	45	225M	300	350	300	670	510	1950	1020	360	190	785	970	140	18	1831	1270	2130	1020	360	210	855	970	140	18	2007	1263																
	55	250M						2070			825	1954				1477	2250	895			970	140				18	2130	1471															
	75	280S						2150			865	2029				1655	2320	930			2205	1654																					
	90	280M						2290			915	2164				1925	2470	985			2340	1711																					
	110	315S						2430			950	2304				2170	2610	1035			2480	1925																					
	132	315M						2550			965	2424				2313	2730	1095			2600	2007																					
	160	315L						2790			980	2649				2725	2939	1190			2825	2170																					
	200	315L						2790			980	2649				2725	2939	1190			2825	2170																					
	250	315						2790			980	2649				2725	2939	1190			2825	2170																					
	315	315						2790			980	2649				2725	2939	1190			2825	2170																					
	355	355						2790			980	2649				2725	2939	1190			2825	2170																					
	400	355						2790			980	2649				2725	2939	1190			2825	2170																					
	500	355						2790			980	2649				2725	2939	1190			2825	2170																					
	560	400						2790			1040	370				270	1125	980			180	20				2849	3372	3474	2938	3372	3474												
630	400	2790	1060	370	290	1205	1000	180	20	2849	4524	4728	2938	4524	4728																												
710	400	2790	1060	370	290	1205	1000	180	20	2849	4524	4728	2938	4524	4728																												

Consultar / Under request