



TECHNICAL DATASHEET

Imagem indisponível

CDLF Vertical Multistage Pump

Vertical in-line multistage centrifugal pumps for clean liquids, ideal for pressure boosting, washing systems, and water treatment.

The CDLF series consists of vertical multistage centrifugal pumps with an in-line design. This construction allows for the installation of the pump in a horizontal piping system where the suction and discharge ports are at the same level and have the same connection size. These pumps are versatile and robust, being widely used in water supply systems, industrial pressure boosting, industrial liquid transport, water treatment, irrigation, and boiler feed.

APPLICATIONS

- Industrial processes and liquid transfer.
- Hydraulic pressure systems
- Water treatment
- Agricultural irrigation
- Sistemas de circulação de água
- Sistemas de lavagem e limpeza
- Alimentação de caldeiras

TECHNICAL DATA

TECHNICAL SPECIFICATIONS

Type	Multistage centrifugal pump
Standard	In-line / DIN
Material	Aço Inoxidável (AISI 304) / Ferro Fundido (Base)
Voltage	220-240V (1~) / 380-415V (3~)
Max Flow	240 m ³ /h
Max Head	305 m
Protection	IP 55
Insulation	Class F
Liquid temp.	-15°C a +120°C
Maximum Pressure	30 bar / PN30

TECHNICAL DETAILS

Nominal Speed	2900 rpm
Standards	CE / ISO 9906
Mechanical Seal	ALLOY/SIC/NBR (Cartridge)
Motor Efficiency	IE3 (Alta Eficiência)
Connection Code	F (Flange DIN)

DIMENSIONS

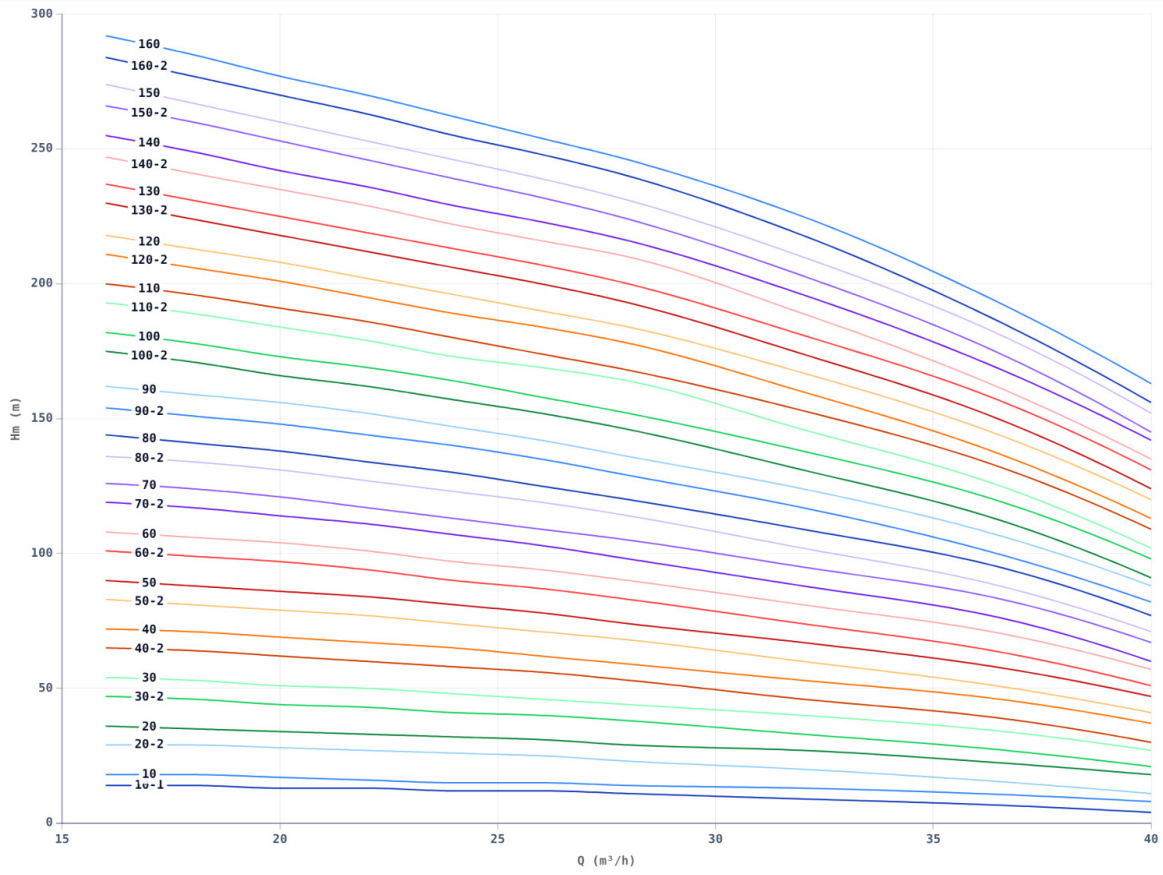
Model	B1 (mm)	B (mm)	D1 (mm)	D2 (mm)	NW (kg)
CDLF 32-10-1	505,0	795,0	190,0	155,0	64,0
CDLF 32-20	575,0	930,0	230,0	188,0	85,0
CDLF 32-40	715,0	1.105,0	260,0	208,0	109,0
CDLF 32-60	960,0	1.460,0	330,0	255,0	185,0

Model	B1 (mm)	B (mm)	D1 (mm)	D2 (mm)	NW (kg)
CDLF 32-100	1.240,0	1.790,0	330,0	255,0	227,0
CDLF 32-130	1.450,0	2.100,0	400,0	310,0	337,0
CDLF 32-160	1.660,0	2.310,0	400,0	310,0	350,0
CDLF 45-10-1	561,0	906,0	197,0	165,0	83,0
CDLF 45-20	641,0	1.031,0	260,0	208,0	110,0
CDLF 45-40	906,0	1.406,0	330,0	255,0	197,0
CDLF 45-60	1.066,0	1.641,0	360,0	285,0	261,0
CDLF 45-90	1.306,0	1.956,0	400,0	310,0	352,0
CDLF 45-110	1.466,0	2.151,0	450,0	345,0	426,0
CDLF 45-130-2	1.626,0	2.311,0	450,0	345,0	438,0
CDLF 64-10-1	561,0	916,0	230,0	188,0	93,0
CDLF 64-20	754,0	1.254,0	330,0	255,0	182,0
CDLF 64-40	919,0	1.494,0	360,0	285,0	258,0
CDLF 64-60	1.084,0	1.734,0	400,0	310,0	349,0
CDLF 64-80-1	1.248,0	1.933,0	460,0	340,0	424,0
CDLF 90-10-1	571,0	961,0	260,0	208,0	105,0
CDLF 90-20	773,0	1.273,0	330,0	255,0	192,0
CDLF 90-40	957,0	1.607,0	400,0	310,0	312,0
CDLF 90-60	1.141,0	1.826,0	460,0	340,0	407,0
CDLF 120-10	840,0	1.340,0	330,0	255,0	230,0
CDLF 120-30	1.160,0	1.810,0	400,0	310,0	360,0
CDLF 120-50	1.510,0	2.270,0	540,0	370,0	575,0
CDLF 120-70	1.830,0	2.675,0	580,0	410,0	715,0
CDLF 150-10-1	840,0	1.340,0	330,0	255,0	230,0
CDLF 150-30	1.160,0	1.810,0	400,0	310,0	360,0
CDLF 150-60	1.670,0	2.515,0	580,0	410,0	700,0
CDLF 200-10-B	907,0	1.457,0	330,0	255,0	311,0
CDLF 200-20	1.131,0	1.891,0	540,0	370,0	595,0
CDLF 200-40	1.519,0	2.659,0	645,0	550,0	1.180,0

FLANGE

Series	DN	a (mm)	b (mm)	c (mm)	d (mm)
CDLF 32	65,0	105,0	170,0	225,0	320,0
CDLF 45	80,0	140,0	190,0	245,0	365,0
CDLF 64	100,0	140,0	190,0	245,0	365,0
CDLF 90	100,0	140,0	199,0	255,0	380,0
CDLF 120	125,0	180,0	275,0	340,0	380,0
CDLF 150	125,0	180,0	275,0	340,0	380,0
CDLF 200	150,0	200,0	385,0	460,0	490,0

CURVA DE PERFORMANCE (Q - HM)

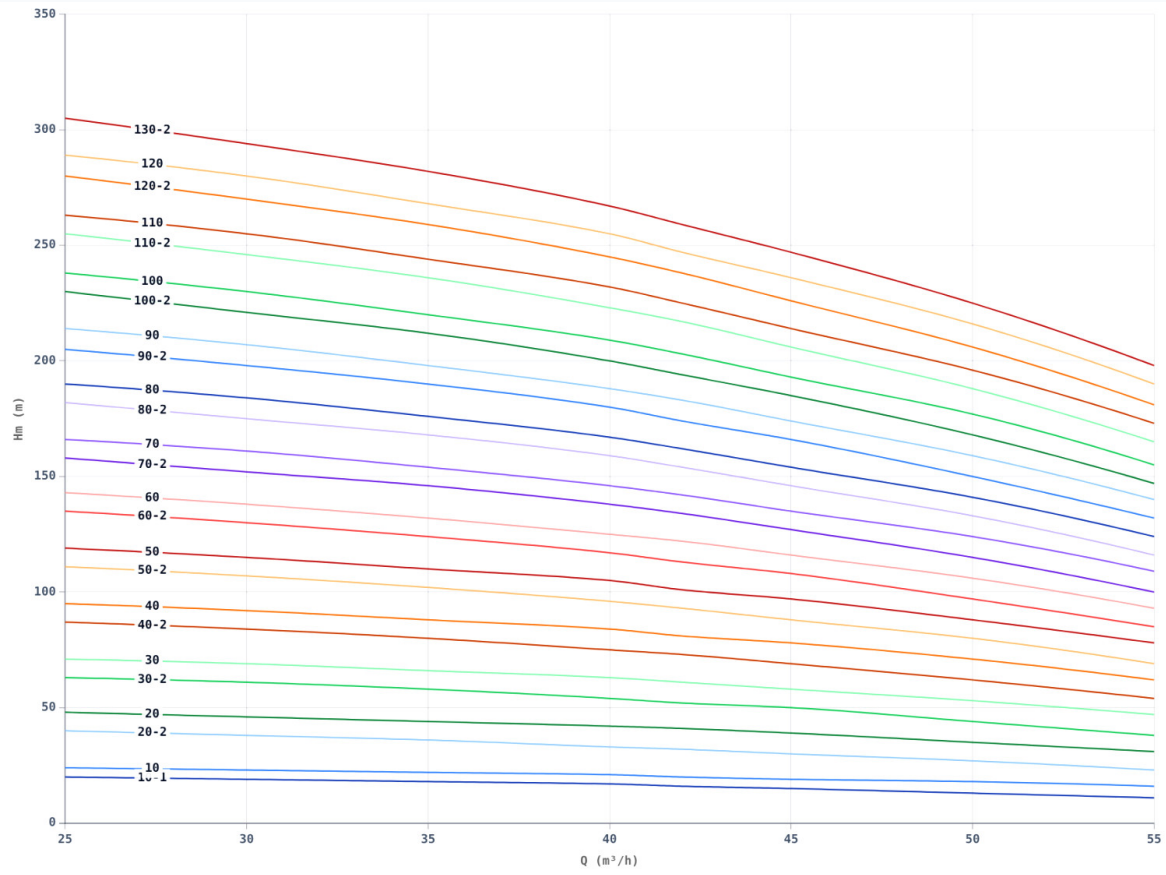


Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	A (400V)	Ef. Energ.	m³/h										
					16	18	20	22	24	26	28	32	36	40	
CDLF 32-10-1	1,50	2,00	3,20	IE3	14,0	14,0	13,0	13,0	12,0	12,0	11,0	9,0	7,0	4,0	
CDLF 32-10	2,20	3,00	4,60	IE3	18,0	18,0	17,0	16,0	15,0	15,0	14,0	13,0	11,0	8,0	
CDLF 32-20-2	3,00	4,00	6,00	IE3	29,0	29,0	28,0	27,0	26,0	25,0	23,0	20,0	16,0	11,0	
CDLF 32-20	4,00	5,50	7,80	IE3	36,0	35,0	34,0	33,0	32,0	31,0	29,0	27,0	23,0	18,0	
CDLF 32-30-2	5,50	7,50	11,00	IE3	47,0	46,0	44,0	43,0	41,0	40,0	38,0	33,0	28,0	21,0	
CDLF 32-30	5,50	7,50	11,00	IE3	54,0	53,0	51,0	50,0	48,0	46,0	44,0	40,0	35,0	27,0	
CDLF 32-40-2	7,50	10,00	14,00	IE3	65,0	64,0	62,0	60,0	58,0	56,0	53,0	46,0	40,0	30,0	
CDLF 32-40	7,50	10,00	14,00	IE3	72,0	71,0	69,0	67,0	65,0	62,0	59,0	53,0	47,0	37,0	
CDLF 32-50-2	11,00	15,00	21,00	IE3	83,0	81,0	79,0	77,0	74,0	71,0	68,0	60,0	52,0	41,0	
CDLF 32-50	11,00	15,00	21,00	IE3	90,0	88,0	86,0	84,0	81,0	78,0	74,0	67,0	59,0	47,0	
CDLF 32-60-2	11,00	15,00	21,00	IE3	101,0	99,0	97,0	94,0	90,0	87,0	83,0	74,0	65,0	51,0	
CDLF 32-60	11,00	15,00	21,00	IE3	108,0	106,0	104,0	101,0	97,0	94,0	90,0	81,0	72,0	57,0	
CDLF 32-70-2	15,00	20,00	28,00	IE3	119,0	117,0	114,0	111,0	107,0	103,0	98,0	88,0	78,0	60,0	
CDLF 32-70	15,00	20,00	28,00	IE3	126,0	124,0	121,0	117,0	113,0	109,0	105,0	95,0	85,0	67,0	
CDLF 32-80-2	15,00	20,00	28,00	IE3	136,0	134,0	131,0	127,0	123,0	119,0	114,0	102,0	90,0	71,0	
CDLF 32-80	15,00	20,00	28,00	IE3	144,0	141,0	138,0	134,0	130,0	125,0	120,0	109,0	97,0	77,0	
CDLF 32-90-2	19,00	25,00	34,00	IE3	154,0	151,0	148,0	144,0	140,0	135,0	129,0	117,0	102,0	82,0	
CDLF 32-90	19,00	25,00	34,00	IE3	162,0	159,0	156,0	152,0	147,0	142,0	136,0	124,0	109,0	88,0	
CDLF 32-100-2	19,00	25,00	34,00	IE3	175,0	171,0	166,0	162,0	157,0	152,0	146,0	131,0	115,0	91,0	
CDLF 32-100	19,00	25,00	34,00	IE3	182,0	178,0	173,0	169,0	164,0	158,0	152,0	138,0	122,0	98,0	
CDLF 32-110-2	22,00	30,00	41,00	IE3	193,0	189,0	184,0	179,0	173,0	169,0	164,0	146,0	128,0	102,0	
CDLF 32-110	22,00	30,00	41,00	IE3	200,0	196,0	191,0	186,0	180,0	174,0	168,0	153,0	135,0	109,0	
CDLF 32-120-2	22,00	30,00	41,00	IE3	211,0	206,0	201,0	195,0	189,0	184,0	178,0	160,0	140,0	113,0	
CDLF 32-120	22,00	30,00	41,00	IE3	218,0	213,0	208,0	202,0	196,0	190,0	184,0	167,0	147,0	120,0	
CDLF 32-130-2	30,00	40,00	55,00	IE3	230,0	224,0	218,0	212,0	206,0	200,0	193,0	174,0	153,0	124,0	
CDLF 32-130	30,00	40,00	55,00	IE3	237,0	231,0	225,0	219,0	213,0	207,0	200,0	181,0	160,0	131,0	
CDLF 32-140-2	30,00	40,00	55,00	IE3	247,0	241,0	235,0	229,0	222,0	216,0	210,0	189,0	165,0	135,0	
CDLF 32-140	30,00	40,00	55,00	IE3	255,0	249,0	242,0	236,0	229,0	223,0	216,0	196,0	172,0	142,0	

Model	kW	HP	A (400V)	Ef. Energ.	m³/h	16	18	20	22	24	26	28	32	36	40
					Hm (m)										
CDLF 32-150-2	30,00	40,00	54,90	IE3		266,0	260,0	253,0	246,0	239,0	232,0	224,0	203,0	178,0	145,0
CDLF 32-150	30,00	40,00	54,90	IE3		274,0	267,0	260,0	253,0	246,0	239,0	231,0	210,0	185,0	152,0
CDLF 32-160-2	30,00	40,00	54,90	IE3		284,0	277,0	270,0	263,0	255,0	248,0	240,0	218,0	190,0	156,0
CDLF 32-160	30,00	40,00	54,90	IE3		292,0	285,0	277,0	270,0	262,0	254,0	246,0	225,0	197,0	163,0

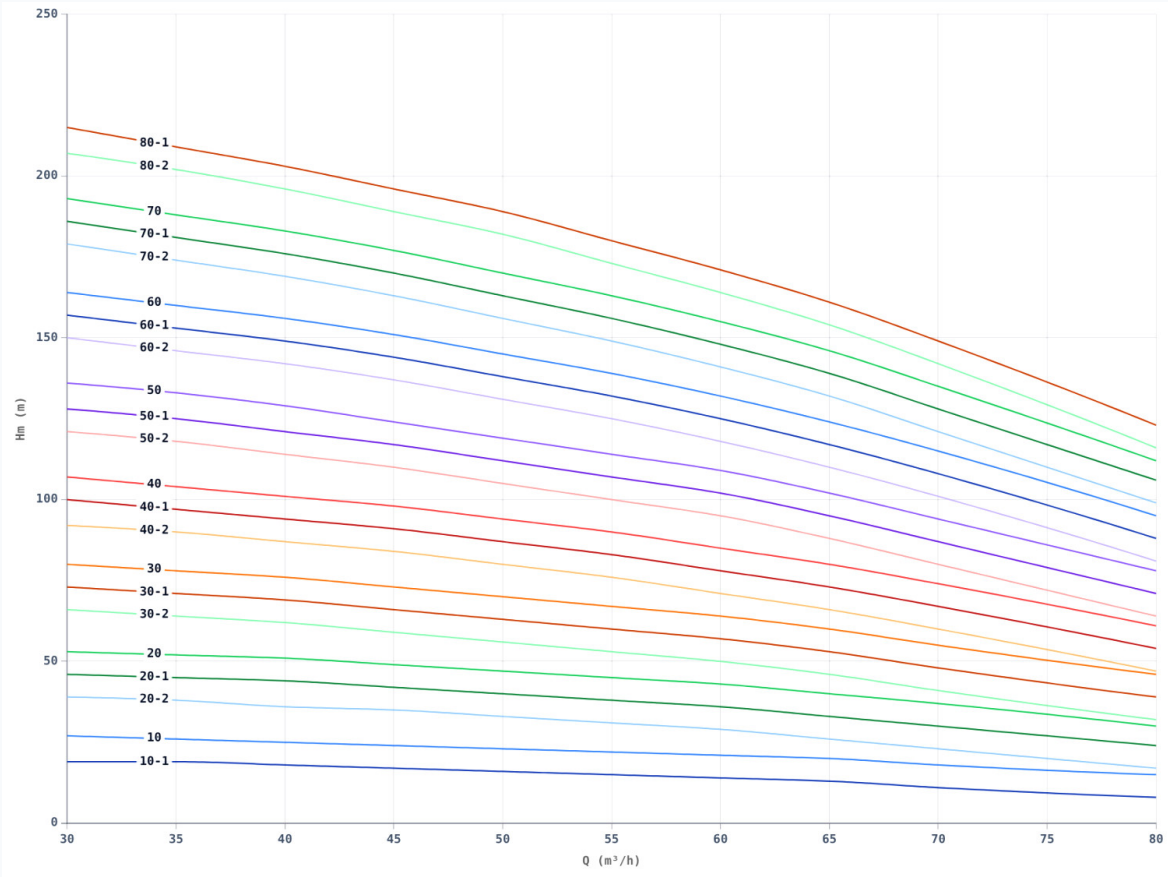
CURVA DE PERFORMANCE (Q - HM)



Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	A (400V)	Ef. Energ.	m³/h	25	30	35	40	42	45	50	55
						Hm (m)							
CDLF 45-10-1	3,00	4,00	6,00	IE3		20,0	19,0	18,0	17,0	16,0	15,0	13,0	11,0
CDLF 45-10	4,00	5,50	7,80	IE3		24,0	23,0	22,0	21,0	20,0	19,0	18,0	16,0
CDLF 45-20-2	5,50	7,50	10,60	IE3		40,0	38,0	36,0	33,0	32,0	30,0	27,0	23,0
CDLF 45-20	7,50	10,00	14,40	IE3		48,0	46,0	44,0	42,0	41,0	39,0	35,0	31,0
CDLF 45-30-2	11,00	15,00	20,60	IE3		63,0	61,0	58,0	54,0	52,0	50,0	44,0	38,0
CDLF 45-30	11,00	15,00	20,60	IE3		71,0	69,0	66,0	63,0	61,0	58,0	53,0	47,0
CDLF 45-40-2	15,00	20,00	27,90	IE3		87,0	84,0	80,0	75,0	73,0	69,0	62,0	54,0
CDLF 45-40	15,00	20,00	27,90	IE3		95,0	92,0	88,0	84,0	81,0	78,0	71,0	62,0
CDLF 45-50-2	18,50	25,00	34,20	IE3		111,0	107,0	102,0	96,0	93,0	88,0	80,0	69,0
CDLF 45-50	18,50	25,00	34,20	IE3		119,0	115,0	110,0	105,0	101,0	97,0	88,0	78,0
CDLF 45-60-2	22,00	30,00	40,50	IE3		135,0	130,0	124,0	117,0	113,0	108,0	97,0	85,0
CDLF 45-60	22,00	30,00	40,50	IE3		143,0	138,0	132,0	125,0	122,0	116,0	106,0	93,0
CDLF 45-70-2	30,00	40,00	54,90	IE3		158,0	152,0	146,0	138,0	134,0	127,0	115,0	100,0
CDLF 45-70	30,00	40,00	54,90	IE3		166,0	161,0	154,0	146,0	142,0	135,0	124,0	109,0
CDLF 45-80-2	30,00	40,00	54,90	IE3		182,0	175,0	168,0	159,0	154,0	146,0	133,0	116,0
CDLF 45-80	30,00	40,00	54,90	IE3		190,0	184,0	176,0	167,0	162,0	154,0	141,0	124,0
CDLF 45-90-2	30,00	40,00	54,90	IE3		205,0	198,0	190,0	180,0	174,0	166,0	150,0	132,0
CDLF 45-90	37,00	50,00	67,40	IE3		214,0	207,0	198,0	188,0	183,0	174,0	159,0	140,0
CDLF 45-100-2	37,00	50,00	67,40	IE3		230,0	221,0	212,0	200,0	194,0	185,0	168,0	147,0
CDLF 45-100	37,00	50,00	67,40	IE3		238,0	230,0	220,0	209,0	203,0	193,0	177,0	155,0
CDLF 45-110-2	45,00	60,00	80,80	IE3		255,0	246,0	236,0	223,0	217,0	206,0	188,0	165,0
CDLF 45-110	45,00	60,00	80,80	IE3		263,0	255,0	244,0	232,0	225,0	214,0	196,0	173,0
CDLF 45-120-2	45,00	60,00	80,80	IE3		280,0	270,0	259,0	245,0	238,0	226,0	206,0	181,0
CDLF 45-120	45,00	60,00	80,80	IE3		289,0	280,0	268,0	255,0	247,0	236,0	216,0	190,0
CDLF 45-130-2	45,00	60,00	80,80	IE3		305,0	294,0	282,0	267,0	259,0	247,0	225,0	198,0

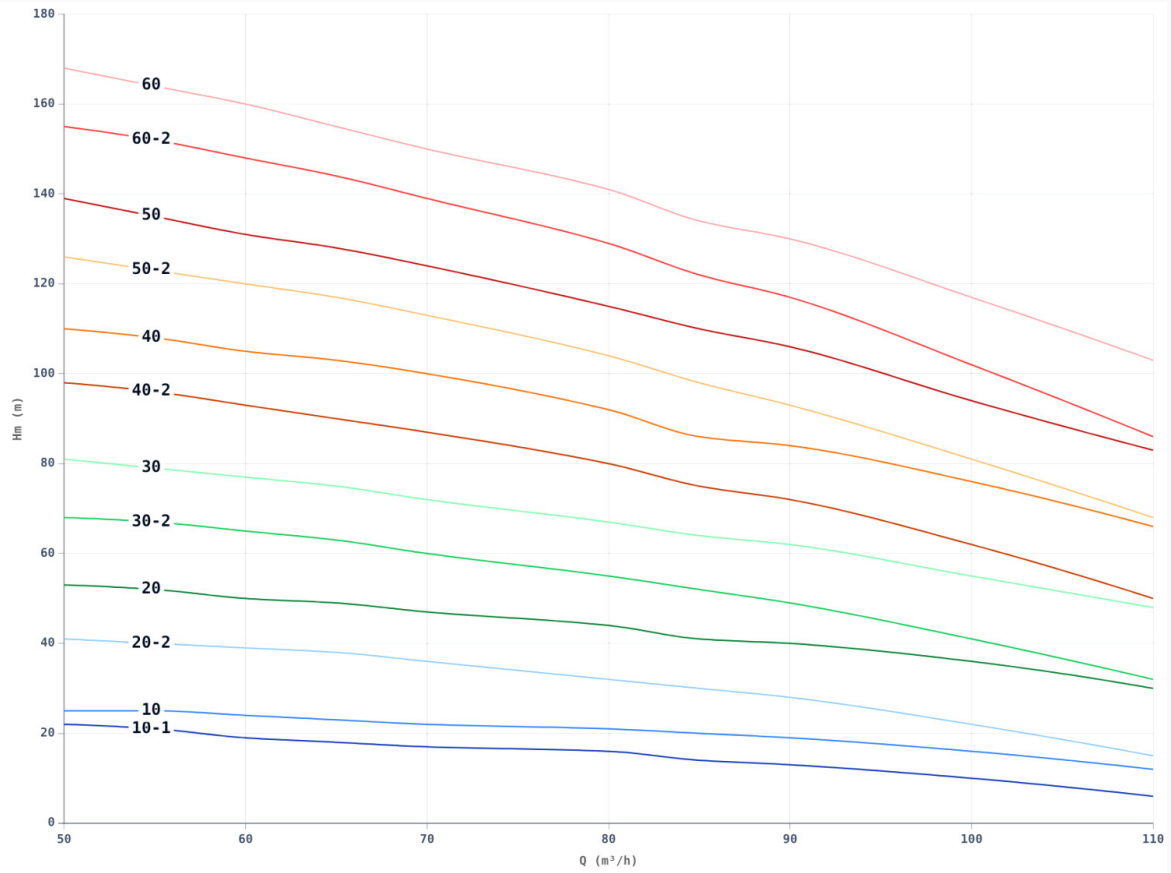
CURVA DE PERFORMANCE (Q - Hm)



Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	A (400V)	Ef. Energ.	m³/h	30	35	40	45	50	55	60	65	70	80
						Hm (m)									
CDLF64-10-1	4,00	5,50	7,80	IE3		19,0	19,0	18,0	17,0	16,0	15,0	14,0	13,0	11,0	8,0
CDLF64-10	5,50	7,50	10,60	IE3		27,0	26,0	25,0	24,0	23,0	22,0	21,0	20,0	18,0	15,0
CDLF64-20-2	7,50	10,00	14,40	IE3		39,0	38,0	36,0	35,0	33,0	31,0	29,0	26,0	23,0	17,0
CDLF64-20-1	11,00	15,00	20,60	IE3		46,0	45,0	44,0	42,0	40,0	38,0	36,0	33,0	30,0	24,0
CDLF64-20	11,00	15,00	20,60	IE3		53,0	52,0	51,0	49,0	47,0	45,0	43,0	40,0	37,0	30,0
CDLF64-30-1	15,00	20,00	27,90	IE3		66,0	64,0	62,0	59,0	56,0	53,0	50,0	46,0	41,0	32,0
CDLF64-30-2	15,00	20,00	27,90	IE3		73,0	71,0	69,0	66,0	63,0	60,0	57,0	53,0	48,0	39,0
CDLF64-30	18,50	25,00	34,20	IE3		80,0	78,0	76,0	73,0	70,0	67,0	64,0	60,0	55,0	46,0
CDLF64-40-2	18,50	25,00	34,20	IE3		92,0	90,0	87,0	84,0	80,0	76,0	71,0	66,0	60,0	47,0
CDLF64-40-1	22,00	30,00	40,50	IE3		100,0	97,0	94,0	91,0	87,0	83,0	78,0	73,0	67,0	54,0
CDLF64-40	22,00	30,00	40,50	IE3		107,0	104,0	101,0	98,0	94,0	90,0	85,0	80,0	74,0	61,0
CDLF64-50-2	30,00	40,00	54,90	IE3		121,0	118,0	114,0	110,0	105,0	100,0	95,0	88,0	80,0	64,0
CDLF64-50-1	30,00	40,00	54,90	IE3		128,0	125,0	121,0	117,0	112,0	107,0	102,0	95,0	87,0	71,0
CDLF64-50	30,00	40,00	54,90	IE3		136,0	133,0	129,0	124,0	119,0	114,0	109,0	102,0	94,0	78,0
CDLF64-60-2	30,00	40,00	54,90	IE3		150,0	146,0	142,0	137,0	131,0	125,0	118,0	110,0	101,0	81,0
CDLF64-60-1	37,00	50,00	67,40	IE3		157,0	153,0	149,0	144,0	138,0	132,0	125,0	117,0	108,0	88,0
CDLF64-60	37,00	50,00	67,40	IE3		164,0	160,0	156,0	151,0	145,0	139,0	132,0	124,0	115,0	95,0
CDLF64-70-2	37,00	50,00	67,40	IE3		179,0	174,0	169,0	163,0	156,0	149,0	141,0	132,0	121,0	99,0
CDLF64-70-1	37,00	50,00	67,40	IE3		186,0	181,0	176,0	170,0	163,0	156,0	148,0	139,0	128,0	106,0
CDLF64-70	45,00	60,00	80,80	IE3		193,0	188,0	183,0	177,0	170,0	163,0	155,0	146,0	135,0	112,0
CDLF64-80-2	45,00	60,00	80,80	IE3		207,0	202,0	196,0	189,0	182,0	173,0	164,0	154,0	142,0	116,0
CDLF64-80-1	45,00	60,00	80,80	IE3		215,0	209,0	203,0	196,0	189,0	180,0	171,0	161,0	149,0	123,0

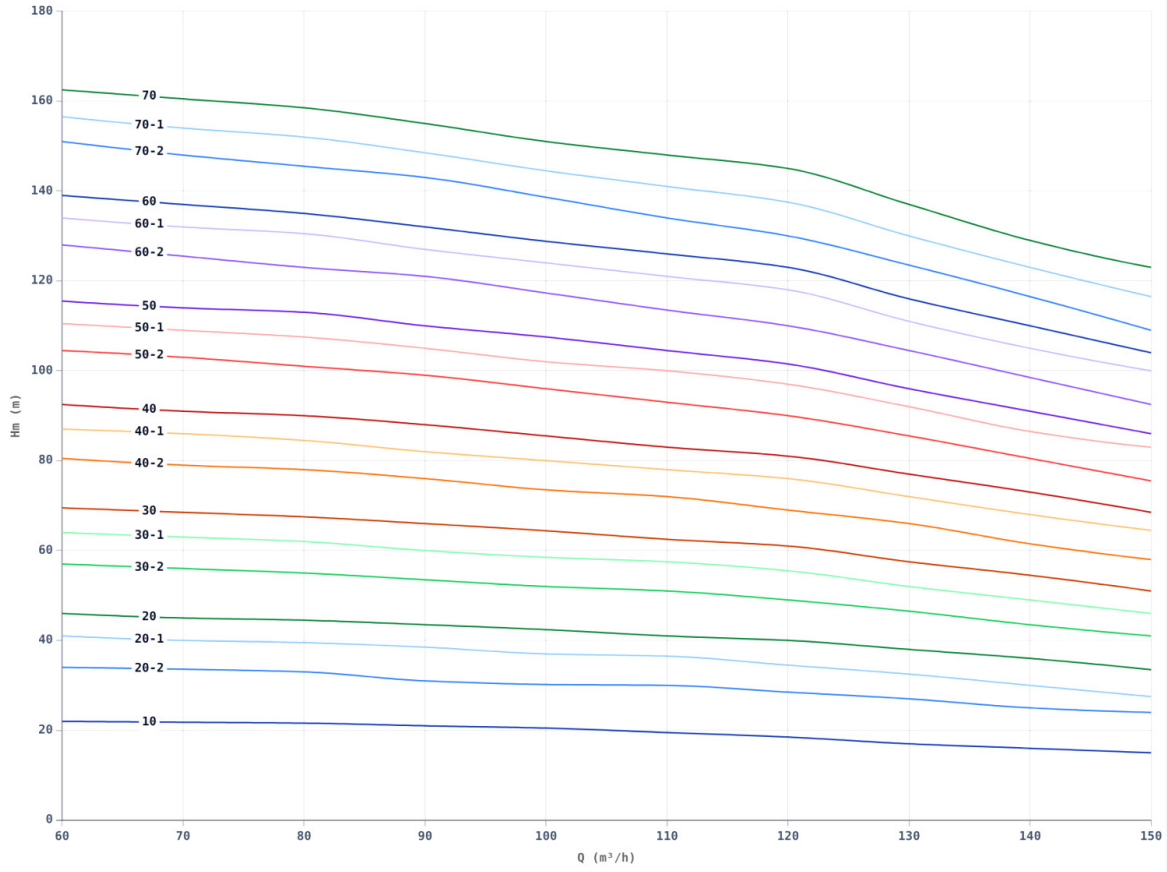
CURVA DE PERFORMANCE (Q - Hm)



Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	A (400V)	Ef. Energ.	m³/h	50	55	60	65	70	80	85	90	100	110
						Hm (m)									
CDLF90-10-1	5,50	7,50	10,60	IE3		22,0	21,0	19,0	18,0	17,0	16,0	14,0	13,0	10,0	6,0
CDLF90-10	7,50	10,00	14,40	IE3		25,0	25,0	24,0	23,0	22,0	21,0	20,0	19,0	16,0	12,0
CDLF90-20-2	11,00	15,00	20,60	IE3		41,0	40,0	39,0	38,0	36,0	32,0	30,0	28,0	22,0	15,0
CDLF90-20	15,00	20,00	27,90	IE3		53,0	52,0	50,0	49,0	47,0	44,0	41,0	40,0	36,0	30,0
CDLF90-30-2	18,50	25,00	34,20	IE3		68,0	67,0	65,0	63,0	60,0	55,0	52,0	49,0	41,0	32,0
CDLF90-30	22,00	30,00	40,50	IE3		81,0	79,0	77,0	75,0	72,0	67,0	64,0	62,0	55,0	48,0
CDLF90-40-2	30,00	40,00	54,90	IE3		98,0	96,0	93,0	90,0	87,0	80,0	75,0	72,0	62,0	50,0
CDLF90-40	30,00	40,00	54,90	IE3		110,0	108,0	105,0	103,0	100,0	92,0	86,0	84,0	76,0	66,0
CDLF90-50-2	37,00	50,00	67,40	IE3		126,0	123,0	120,0	117,0	113,0	104,0	98,0	93,0	81,0	68,0
CDLF90-50	37,00	50,00	67,40	IE3		139,0	135,0	131,0	128,0	124,0	115,0	110,0	106,0	94,0	83,0
CDLF90-60-2	45,00	60,00	80,80	IE3		155,0	152,0	148,0	144,0	139,0	129,0	122,0	117,0	102,0	86,0
CDLF90-60	45,00	60,00	80,80	IE3		168,0	164,0	160,0	155,0	150,0	141,0	134,0	130,0	117,0	103,0

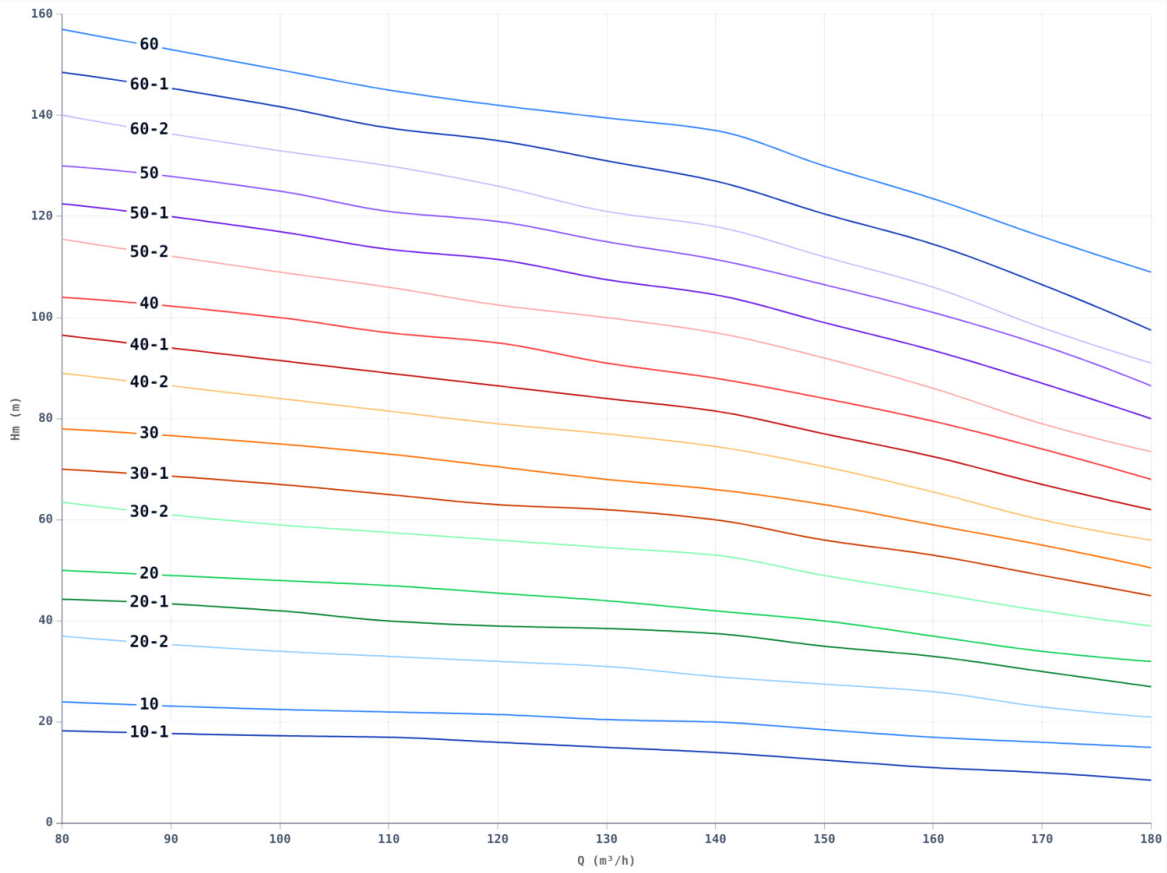
CURVA DE PERFORMANCE (Q - HM)



Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	A (400V)	Ef. Energ.	m³/h										
					60	70	80	90	100	110	120	130	140	150	
					Hm (m)										
CDLF120-10	11,00	15,00	20,60	IE3	22,0	21,8	21,6	21,0	20,5	19,5	18,5	17,0	16,0	15,0	
CDLF120-20-2	15,00	20,00	27,90	IE3	34,0	33,6	33,0	31,0	30,2	30,0	28,5	27,0	25,0	24,0	
CDLF120-20-1	18,50	25,00	34,20	IE3	41,0	40,0	39,5	38,5	37,0	36,5	34,5	32,5	30,0	27,5	
CDLF120-20	22,00	30,00	40,50	IE3	46,0	45,0	44,5	43,5	42,4	41,0	40,0	38,0	36,0	33,5	
CDLF120-30-2	30,00	40,00	54,90	IE3	57,0	56,0	55,0	53,5	52,0	51,0	49,0	46,5	43,5	41,0	
CDLF120-30-1	30,00	40,00	54,90	IE3	64,0	63,0	62,0	60,0	58,5	57,5	55,5	52,0	49,0	46,0	
CDLF120-30	30,00	40,00	54,90	IE3	69,5	68,5	67,5	66,0	64,4	62,5	61,0	57,5	54,5	51,0	
CDLF120-40-2	37,00	50,00	67,40	IE3	80,5	79,0	78,0	76,0	73,5	72,0	69,0	66,0	61,5	58,0	
CDLF120-40-1	37,00	50,00	67,40	IE3	87,0	86,0	84,5	82,0	80,0	78,0	76,0	72,0	68,0	64,5	
CDLF120-40	45,00	60,00	80,80	IE3	92,5	91,0	90,0	88,0	85,5	83,0	81,0	77,0	73,0	68,5	
CDLF120-50-2	45,00	60,00	80,80	IE3	104,5	103,0	101,0	99,0	96,0	93,0	90,0	85,5	80,5	75,5	
CDLF120-50-1	45,00	60,00	80,80	IE3	110,5	109,0	107,5	105,0	102,0	100,0	97,0	92,0	86,5	83,0	
CDLF120-50	55,00	75,00	98,50	IE3	115,5	114,0	113,0	110,0	107,5	104,5	101,5	96,0	91,0	86,0	
CDLF120-60-2	55,00	75,00	98,50	IE3	128,0	125,5	123,0	121,0	117,3	113,5	110,0	104,5	98,5	92,5	
CDLF120-60-1	55,00	75,00	98,50	IE3	134,0	132,0	130,5	127,0	124,0	121,0	118,0	111,0	105,0	100,0	
CDLF120-60	75,00	100,00	133,70	IE3	139,0	137,0	135,0	132,0	128,8	126,0	123,0	116,0	110,0	104,0	
CDLF120-70-2	75,00	100,00	133,70	IE3	151,0	148,0	145,5	143,0	138,6	134,0	130,0	123,5	116,5	109,0	
CDLF120-70-1	75,00	100,00	133,70	IE3	156,5	154,0	152,0	148,5	144,5	141,0	137,5	130,0	123,0	116,5	
CDLF120-70	75,00	100,00	133,70	IE3	162,5	160,5	158,5	155,0	151,0	148,0	145,0	137,0	129,0	123,0	

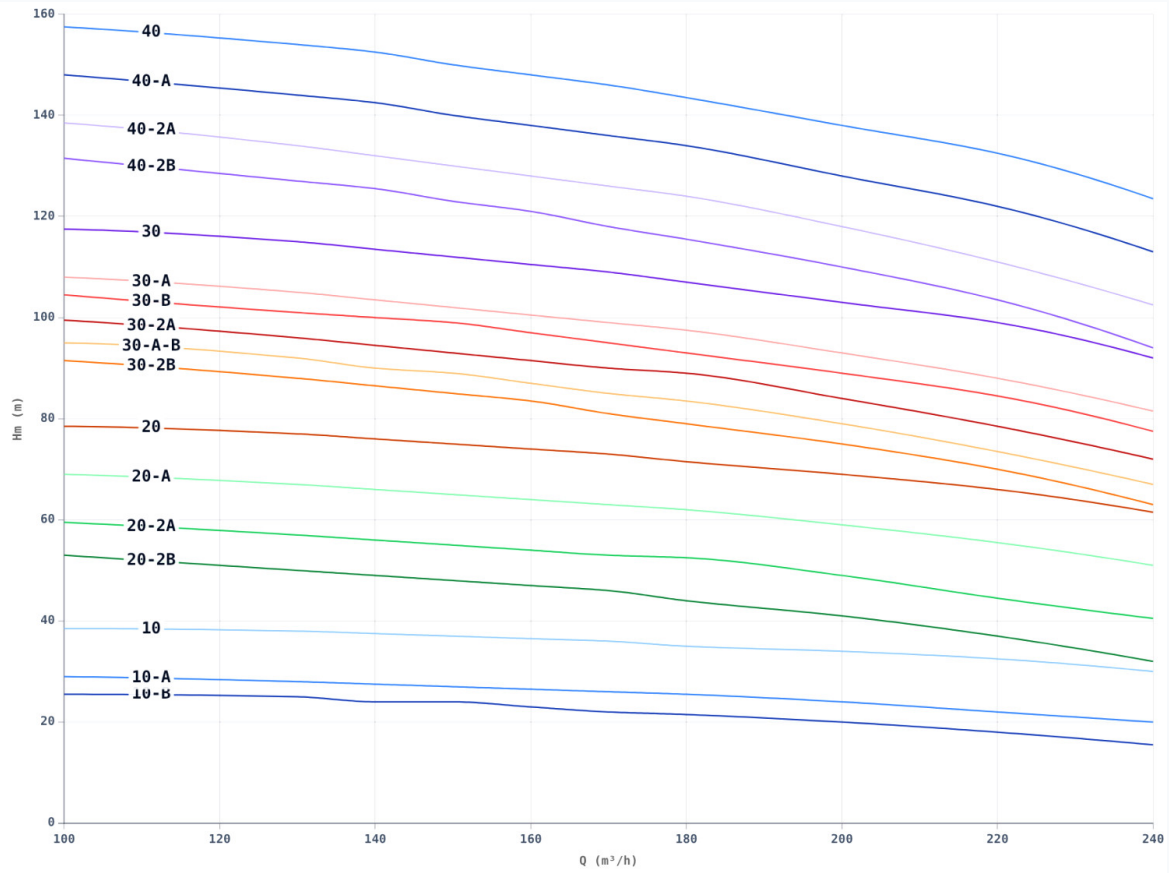
CURVA DE PERFORMANCE (Q - HM)



Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	A (400V)	Ef. Energ.	m³/h										
					80	100	110	120	130	140	150	160	170	180	
CDLF150-10-1	11,00	15,00	20,60	IE3	18,3	17,3	17,0	16,0	15,0	14,0	12,5	11,0	10,0	8,5	
CDLF150-10	15,00	20,00	27,90	IE3	24,0	22,5	22,0	21,5	20,5	20,0	18,5	17,0	16,0	15,0	
CDLF150-20-2	18,50	25,00	34,20	IE3	37,0	34,0	33,0	32,0	31,0	29,0	27,5	26,0	23,0	21,0	
CDLF150-20-1	22,00	30,00	40,50	IE3	44,3	42,0	40,0	39,0	38,5	37,5	35,0	33,0	30,0	27,0	
CDLF150-20	30,00	40,00	54,90	IE3	50,0	48,0	47,0	45,5	44,0	42,0	40,0	37,0	34,0	32,0	
CDLF150-30-2	30,00	40,00	54,90	IE3	63,5	59,0	57,5	56,0	54,5	53,0	49,0	45,5	42,0	39,0	
CDLF150-30-1	37,00	50,00	67,40	IE3	70,0	67,0	65,0	63,0	62,0	60,0	56,0	53,0	49,0	45,0	
CDLF150-30	37,00	50,00	67,40	IE3	78,0	75,0	73,0	70,5	68,0	66,0	63,0	59,0	55,0	50,5	
CDLF150-40-2	45,00	60,00	80,80	IE3	89,0	84,0	81,5	79,0	77,0	74,5	70,5	65,5	60,0	56,0	
CDLF150-40-1	45,00	60,00	80,80	IE3	96,5	91,5	89,0	86,5	84,0	81,5	77,0	72,5	67,0	62,0	
CDLF150-40	55,00	75,00	98,50	IE3	104,0	100,0	97,0	95,0	91,0	88,0	84,0	79,5	74,0	68,0	
CDLF150-50-2	55,00	75,00	98,50	IE3	115,5	109,0	106,0	102,5	100,0	97,0	92,0	86,0	79,0	73,5	
CDLF150-50-1	75,00	100,00	133,70	IE3	122,5	117,0	113,5	111,5	107,5	104,5	99,0	93,5	87,0	80,0	
CDLF150-50	75,00	100,00	133,70	IE3	130,0	125,0	121,0	119,0	115,0	111,5	106,5	101,0	94,5	86,5	
CDLF150-60-2	75,00	100,00	133,70	IE3	140,0	133,0	130,0	126,0	121,0	118,0	112,0	106,0	98,0	91,0	
CDLF150-60-1	75,00	100,00	133,70	IE3	148,5	141,7	137,5	135,0	131,0	127,0	120,5	114,5	106,5	97,5	
CDLF150-60	75,00	100,00	133,70	IE3	157,0	149,0	145,0	142,0	139,5	137,0	130,0	123,5	116,0	109,0	

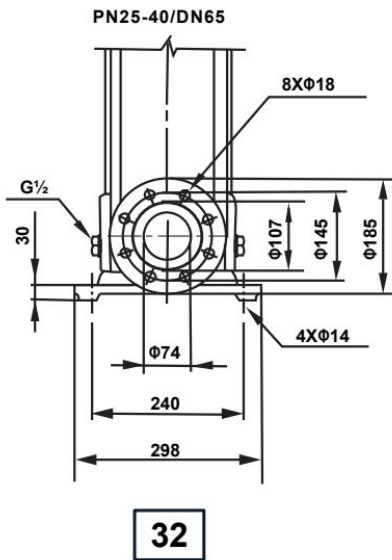
CURVA DE PERFORMANCE (Q - HM)



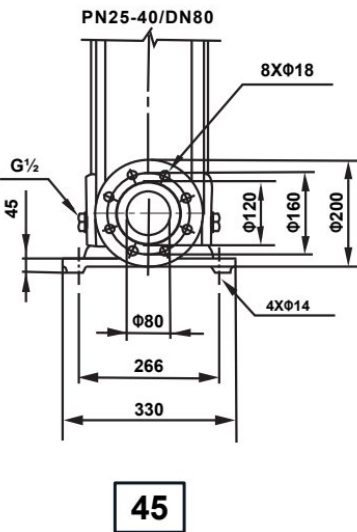
Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	A (400V)	Ef. Energ.	m³/h									
					100	130	140	150	160	170	180	200	220	240
CDLF200-10-B	18,50	25,00	34,20	IE3	25,5	25,0	24,0	24,0	23,0	22,0	21,5	20,0	18,0	15,5
CDLF200-10-A	22,00	30,00	40,50	IE3	29,0	28,0	27,5	27,0	26,5	26,0	25,5	24,0	22,0	20,0
CDLF200-10	30,00	40,00	54,90	IE3	38,5	38,0	37,5	37,0	36,5	36,0	35,0	34,0	32,5	30,0
CDLF200-20-2B	37,00	50,00	67,40	IE3	53,0	50,0	49,0	48,0	47,0	46,0	44,0	41,0	37,0	32,0
CDLF200-20-2A	45,00	60,00	80,80	IE3	59,5	57,0	56,0	55,0	54,0	53,0	52,5	49,0	44,5	40,5
CDLF200-20-A	55,00	75,00	98,50	IE3	69,0	67,0	66,0	65,0	64,0	63,0	62,0	59,0	55,5	51,0
CDLF200-20	55,00	75,00	98,50	IE3	78,5	77,0	76,0	75,0	74,0	73,0	71,5	69,0	66,0	61,5
CDLF200-30-2B	75,00	100,00	133,70	IE3	91,5	88,0	86,5	85,0	83,5	81,0	79,0	75,0	70,0	63,0
CDLF200-30-A-B	75,00	100,00	133,70	IE3	95,0	92,0	90,0	89,0	87,0	85,0	83,5	79,0	73,5	67,0
CDLF200-30-2A	75,00	100,00	133,70	IE3	99,5	96,0	94,5	93,0	91,5	90,0	89,0	84,0	78,5	72,0
CDLF200-30-B	75,00	100,00	133,70	IE3	104,5	101,0	100,0	99,0	97,0	95,0	93,0	89,0	84,5	77,5
CDLF200-30-A	75,00	100,00	133,70	IE3	108,0	105,0	103,5	102,0	100,5	99,0	97,5	93,0	88,0	81,5
CDLF200-30	90,00	125,00	159,90	IE3	117,5	115,0	113,5	112,0	110,5	109,0	107,0	103,0	99,0	92,0
CDLF200-40-2B	90,00	125,00	159,90	IE3	131,5	127,0	125,5	123,0	121,0	118,0	115,5	110,0	103,5	94,0
CDLF200-40-2A	110,00	150,00	195,10	IE3	138,5	134,0	132,0	130,0	128,0	126,0	124,0	118,0	111,0	102,5
CDLF200-40-A	110,00	150,00	195,10	IE3	148,0	144,0	142,5	140,0	138,0	136,0	134,0	128,0	122,0	113,0
CDLF200-40	110,00	150,00	195,10	IE3	157,5	154,0	152,5	150,0	148,0	146,0	143,5	138,0	132,5	123,5

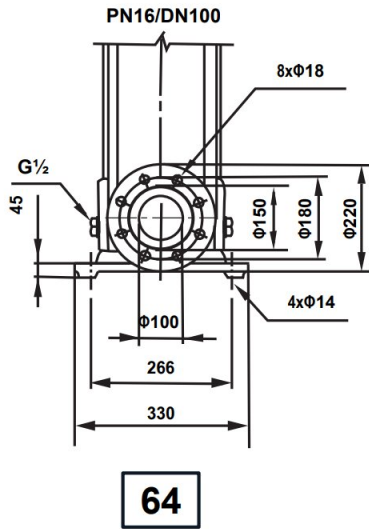
ESQUEMA FLANGE CDLF 32



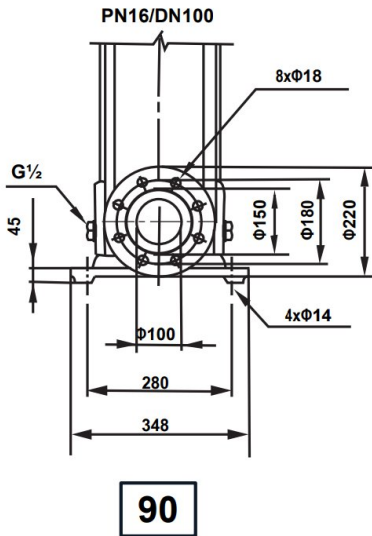
ESQUEMA FLANGE CDLF 45



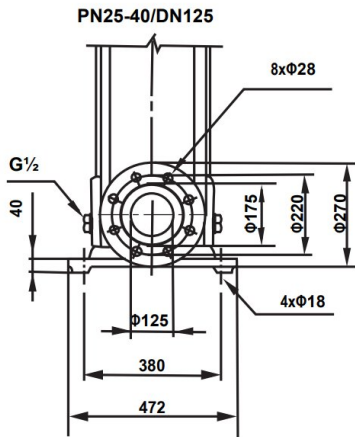
ESQUEMA FLANGE CDLF 64



ESQUEMA FLANGE CDLF 90

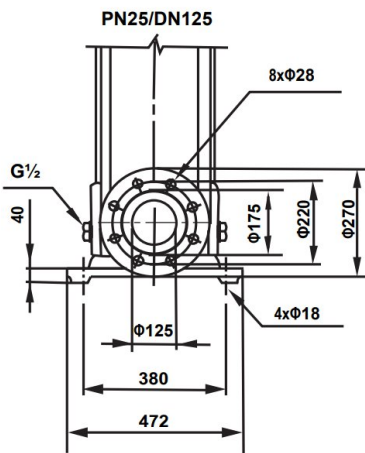


ESQUEMA FLANGE CDLF 120



120

ESQUEMA FLANGE CDLF 150



150

ESQUEMA FLANGE CDLF 200

