Vertical multistage centrifugal pumps completely made of stainless steel AISI 304. Reliable, quiet and easy to maintain. Suitable for municipal, Industrial and agricultural applications e.g. Fire fighting, water boosting (WRAS approved) water treatment plants, irrigation, hot and cold water movement for heating systems, cooling and airconditioners, especially suitable for boiler feed due to the robust construction of the pumps. IEC standard motors are used on all models.

SPECIFICATIONS

- Maximum working pressure up to 25 bar
- Liquid temperature: from –15°C up to +120°C

MATERIALS

- Pump body, external casing, casing cover, impellers, diffusers, bearing sleeve, coupling guard and bolts in contact with liquid AISI 304 (“G” version for EVM 30-60: Bottom casing in cast iron).
- Tie-rods and bolts not in contact with liquid in zinc coated steel
- Shaft in AISI 316
- Bearing in contact with liquid in tungsten-carbide
- Bracket and base in cast iron
- Mechnical seal in SiC/Carbone/FPM

TECHNICAL DATA

- Asincronous 2 poles motor
- Insulation class F
- Protection IP55
- 1~230V ± 10% 50Hz up to 2,2 kW, 3~230/400V ±10% 50Hz up to 4 kW included, 3~400/690V ±10% above 5,5 kW

EVM 3-18

EVM | 10 | 2 | N | 5 / 1.1

POWER OUTPUT IN kW: 0.37 | 0.55 | 0.75 | 1.1 | 1.5 | 2.2 | 3.0 | 4.0 | 5.5 | 7.5 | 11 | 15

50 Hz

FLANGE
- **N** OVAL FLANGES
- **F** ROUND FLANGES

N° OF IMPELLERS: 2 | 3 | 4 | 5 | 6 | 8 | 10 | 11 | 12 | 14 | 15 | 16 | 18 | 20 | 22

m³/h AT MAX EFFICIENCY: 3 | 5 | 10 | 18

MODEL SERIES
- **EVM** AISI 304 VERSION
- **EVML** AISI 316 VERSION
- **EVMG** CAST IRON VERSION
- **EVMW** WRAS APPROVAL

EVM 32-64

EVM | 32 | 2 - 2 | F | 5 / 3.0 | M

SINGLE PHASE ONLY

POWER OUTPUT IN kW: 2.2 | 3.0 | 4.0 | 5.5 | 7.5 | 11 | 15 | 18.5 | 22 | 30 | 37

50 Hz

ROUND FLANGES

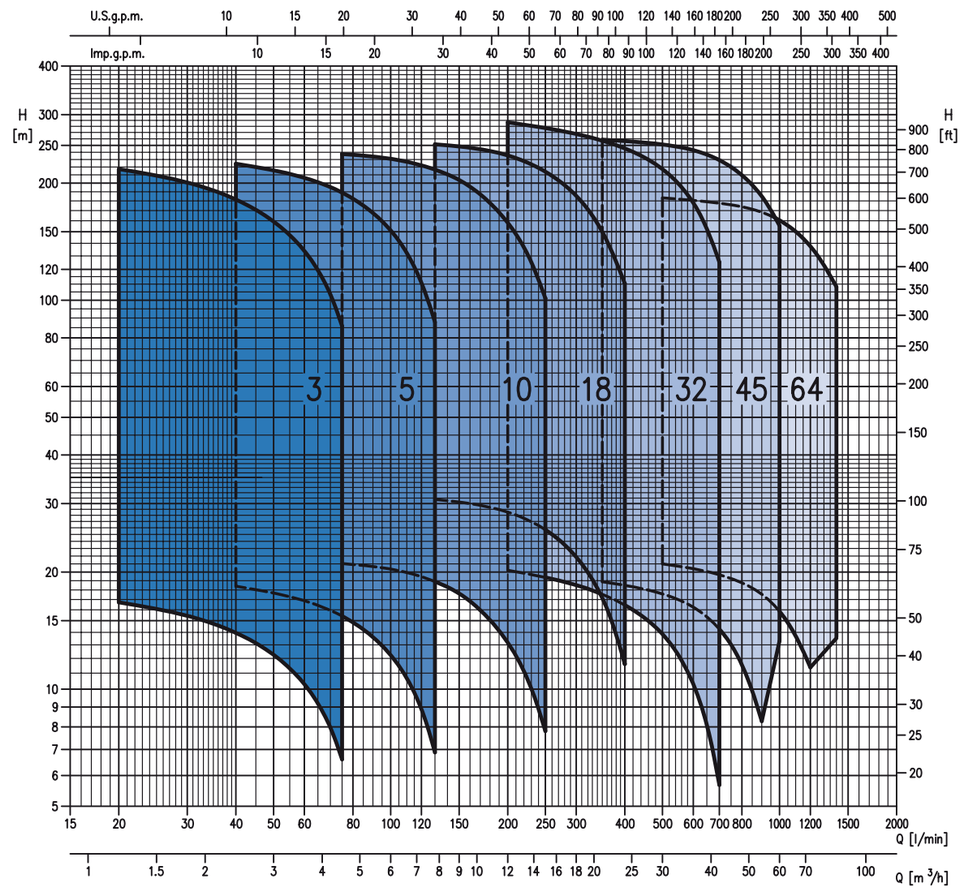
N° OF REDUCED DIAMETER IMPELLERS: 0 | 1 | 2 | 3

N° OF IMPELLERS: 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14

m³/h AT MAX EFFICIENCY: 32 | 45 | 64

MODEL SERIES
- **EVM** AISI 304 VERSION
- **EVML** AISI 316 VERSION
- **EVMG** CAST IRON VERSION

PERFORMANCE CHART — 2 POLES



The specifications below qualify the curves shown on the following pages.

- Tolerance according to ISO 9906 Annex A;
- The curves refer to effective speed of asynchronous motors at 50 Hz;
- Measurements were carried out with clean water at 20°C of temperature and with a kinematic viscosity of ν = 1 mm²/s (1 cSt);
- The NPSH curve is an average curve obtained in the same conditions of performance curves;
- During the pump selection, consider to get a safety margin of at least 0.5 m;
- The continuous curves indicate the recommended working range, the dotted curve is only a guide;
- In order to avoid the risk of over-heating, the pumps should not be used at a flow rate below 10% of best efficiency point;
- Symbols explanation:
  Q = volume flow rate
  H = total head
  P_2 = pump power input (shaft power)
  η = pump efficiency
  NPSH = net positive suction head required by the pump

EVM 3-5-10-18

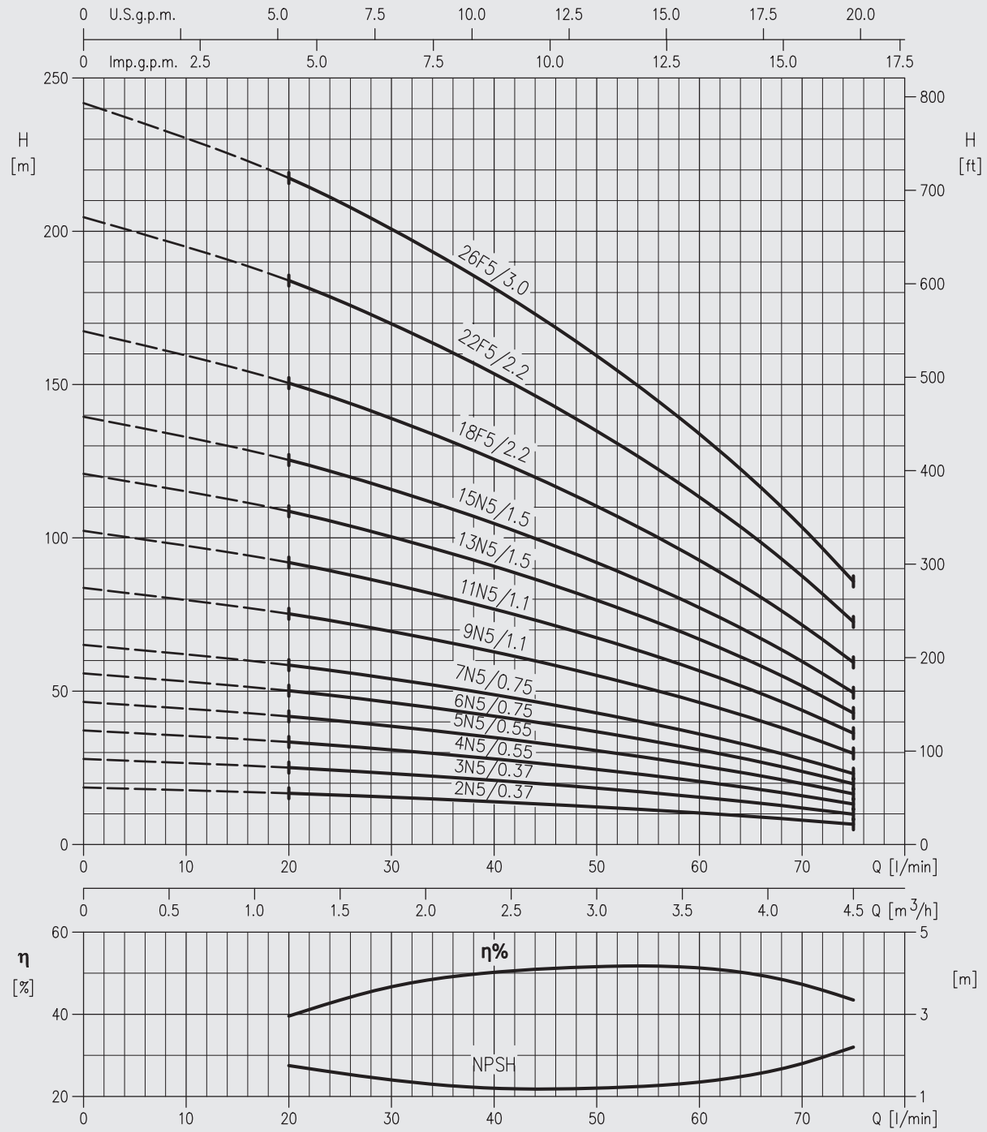
Pump type EVM 3-5-10-18	Motor kW	Motor HP	Motor Size	Maximum working pressure (MPa)	Q = Capacity l/min	0	20	40	60	75	100	130	150	200	250	300	350	400
					m³/h	0	1.2	2.4	3.6	4.5	6.0	7.8	9	12	15	18	21	24
					H = Total manometric head in meters													
EVM 3 2N5/0.37	0.37	0.5	71	1,6		18,6	16,7	14,0	10,3	6,6	-	-	-	-	-	-	-	-
EVM 3 3N5/0.37	0.37	0.5	71	1,6		27,9	25,1	20,9	15,5	9,9	-	-	-	-	-	-	-	-
EVM 3 4N5/0.55	0.55	0.75	71	1,6		37,2	33,4	27,9	20,6	13,2	-	-	-	-	-	-	-	-
EVM 3 5N5/0.55	0.55	0.75	71	1,6		46,5	42,0	34,9	25,8	16,5	-	-	-	-	-	-	-	-
EVM 3 6N5/0.75	0.75	1	80	1,6		56,0	50,0	42,0	30,9	19,8	-	-	-	-	-	-	-	-
EVM 3 7N5/0.75	0.75	1	80	1,6		65,0	58,5	49,0	36,1	23,1	-	-	-	-	-	-	-	-
EVM 3 9N5/1.1	1.1	1.5	80	1,6		84,0	75,0	63,0	46,5	29,7	-	-	-	-	-	-	-	-
EVM 3 11N5/1.1	1.1	1.5	80	1,6		102,0	92,0	77,0	56,5	36,3	-	-	-	-	-	-	-	-
EVM 3 13N5/1.5	1.5	2	90S	1,6		121,0	109,0	90,5	67,0	43,0	-	-	-	-	-	-	-	-
EVM 3 15N5/1.5	1.5	2	90S	1,6		140,0	125,0	105,0	77,5	49,5	-	-	-	-	-	-	-	-
EVM 3 18F5/2.2	2.2	3	90L	2,5		167,0	151,0	126,0	92,5	59,5	-	-	-	-	-	-	-	-
EVM 3 22F5/2.2	2.2	3	90L	2,5		205,0	184,0	154,0	113,0	72,5	-	-	-	-	-	-	-	-
EVM 3 26F5/3.0	3	4	100	2,5		242,0	217,0	182,0	134,0	86,0	-	-	-	-	-	-	-	-
EVM 5 2N5/0.37	0.37	0.5	71	1,6		20,2	-	18,4	16,9	15,4	12,2	6,9	-	-	-	-	-	-
EVM 5 3N5/0.55	0.55	0.75	71	1,6		30,2	-	27,6	25,3	23,1	18,4	10,3	-	-	-	-	-	-
EVM 5 4N5/0.75	0.75	1	80	1,6		40,5	-	36,8	33,8	30,8	24,5	13,8	-	-	-	-	-	-
EVM 5 5N5/1.1	1.1	1.5	80	1,6		50,5	-	46,0	42,0	38,6	30,6	17,2	-	-	-	-	-	-
EVM 5 6N5/1.1	1.1	1.5	80	1,6		60,5	-	55,0	50,5	46,5	36,7	20,6	-	-	-	-	-	-
EVM 5 7N5/1.5	1.5	2	90S	1,6		70,5	-	64,5	59,0	54,0	43,0	24,1	-	-	-	-	-	-
EVM 5 8N5/1.	1.5	2	90S	1,6		80,5	-	73,5	67,5	61,5	49,0	27,5	-	-	-	-	-	-
EVM 5 10N5/2.2	2.2	3	90L	1,6		102,0	-	93,5	86,0	79,0	63,0	36,6	-	-	-	-	-	-
EVM 5 11N5/2.2	2.2	3	90L	1,6		113,0	-	103,0	94,5	86,5	69,5	40,5	-	-	-	-	-	-
EVM 5 12N5/2.2	2.2	3	90L	1,6		123,0	-	112,0	103,0	94,5	75,5	44,0	-	-	-	-	-	-
EVM 5 14N5/3.0	3	4	100	1,6		143,0	-	131,0	120,0	110,0	88,0	51,0	-	-	-	-	-	-
EVM 5 16N5/3.0	3	4	100	1,6		164,0	-	150,0	138,0	126,0	101,0	58,5	-	-	-	-	-	-
EVM 5 18F5/4.0	4	5.5	112	2,5		184,0	-	168,0	155,0	142,0	113,0	66,0	-	-	-	-	-	-
EVM 5 19F5/4.0	4	5.5	112	2,5		194,0	-	178,0	163,0	150,0	120,0	69,5	-	-	-	-	-	-
EVM 5 22F5/4.0	4	5,5	112	2,5		225,0	-	206,0	189,0	173,0	139,0	80,5	-	-	-	-	-	-
EVM 5 24F5/5.5	5.5	7,5	132S	2,5		246,0	-	224,0	206,0	189,0	151,0	88,0	-	-	-	-	-	-
EVM 10 2N5/0.75	0.75	1	80	1,6		22,0	-	-	-	21,0	20,4	18,9	17,6	13,2	7,8	-	-	-
EVM 10 3N5/1.1	1.1	1,5	80	1,6		33,0	-	-	-	31,6	30,5	28,4	26,4	19,8	11,7	-	-	-
EVM 10 4N5/1.5	1.5	2	90S	1,6		44,0	-	-	-	42,0	40,5	37,8	35,2	26,4	15,6	-	-	-
EVM 10 5N5/2.2	2.2	3	90L	1,6		55,0	-	-	-	52,5	51,0	47,5	44,0	33,0	19,5	-	-	-
EVM 10 6N5/2.2	2.2	3	90L	1,6		66,0	-	-	-	63,0	61,0	57,0	53,0	39,5	23,4	-	-	-
EVM 10 8N5/3.0	3	4	100	1,6		88,0	-	-	-	84,0	81,5	75,5	70,5	52,5	31,2	-	-	-
EVM 10 10N5/4.0	4	5,5	112	1,6		110,0	-	-	-	105,0	102,0	94,5	88,0	66,0	39,0	-	-	-
EVM 10 11N5/4.0	4	5,5	112	1,6		121,0	-	-	-	116,0	112,0	104,0	97,0	72,5	43,0	-	-	-
EVM 10 12N5/5.5	5.5	7,5	132S	1,6		134,0	-	-	-	130,0	126,0	118,0	111,0	86,5	55,0	-	-	-
EVM 10 14N5/5.5	5.5	7,5	132S	1,6		157,0	-	-	-	151,0	147,0	138,0	130,0	101,0	64,5	-	-	-
EVM 10 15F5/5.5	5.5	7,5	132S	2,5		168,0	-	-	-	162,0	158,0	148,0	139,0	108,0	69,0	-	-	-
EVM 10 16F5/7.5	7.5	10	132S	2,5		179,0	-	-	-	173,0	168,0	158,0	148,0	115,0	73,5	-	-	-
EVM 10 18F5/7.5	7.5	10	132S	2,5		202,0	-	-	-	194,0	189,0	177,0	167,0	129,0	83,0	-	-	-
EVM 10 20F5/7.5	7.5	10	132S	2,5		224,0	-	-	-	216,0	210,0	197,0	185,0	144,0	92,0	-	-	-
EVM 10 22F5/11	11	15	160M	2,5		246,0	-	-	-	238,0	231,0	217,0	204,0	158,0	101,0	-	-	-
EVM 18 2F5/2.	2.2	3	90L	1,6		32,0	-	-	-	-	-	31,0	30,3	28,5	25,7	21,9	17,2	11,6
EVM 18 3F5/3.0	3	4	100	1,6		48,0	-	-	-	-	-	46,0	45,5	43,0	38,6	32,8	25,7	17,4
EVM 18 4F5/4.0	4	5,5	112	1,6		64,0	-	-	-	-	-	61,5	60,5	57,0	51,5	44,0	34,3	23,2
EVM 18 5F5/5.5	5.5	7,5	132S	1,6		80,0	-	-	-	-	-	77,0	75,5	71,5	64,5	54,5	43,0	29,0
EVM 18 6F5/5.5	5.5	7,5	132S	1,6		96,0	-	-	-	-	-	92,0	91,0	85,5	77,0	65,5	51,5	34,8
EVM 18 7F5/7.5	7.5	10	132S	2,5		112,0	-	-	-	-	-	108,0	106,0	100,0	90,0	76,5	60,0	40,5
EVM 18 8F5/7.5	7.5	10	132S	2,5		128,0	-	-	-	-	-	123,0	121,0	114,0	103,0	87,5	68,5	46,5
EVM 18 10F5/11	11	15	160M	2,5		162,0	-	-	-	-	-	157,0	155,0	147,0	134,0	116,0	93,5	69,0
EVM 18 12F5/11	11	15	160M	2,5		194,0	-	-	-	-	-	189,0	186,0	177,0	160,0	139,0	112,0	83,0
EVM 18 14F5/15	15	20	160M	2,5		227,0	-	-	-	-	-	220,0	217,0	206,0	187,0	162,0	131,0	96,5
EVM 18 15F5/15	15	20	160M	2,5		243,0	-	-	-	-	-	236,0	233,0	221,0	201,0	174,0	141,0	104,0
EVM 18 16F5/15	15	20	160M	2,5		259,0	-	-	-	-	-	252,0	249,0	236,0	214,0	186,0	150,0	110,0

EVM
VERTICAL MULTISTAGE CENTRIFUGAL PUMPS
IN CAST IRON - AISI 304 - AISI 316
PERFORMANCE TABLE

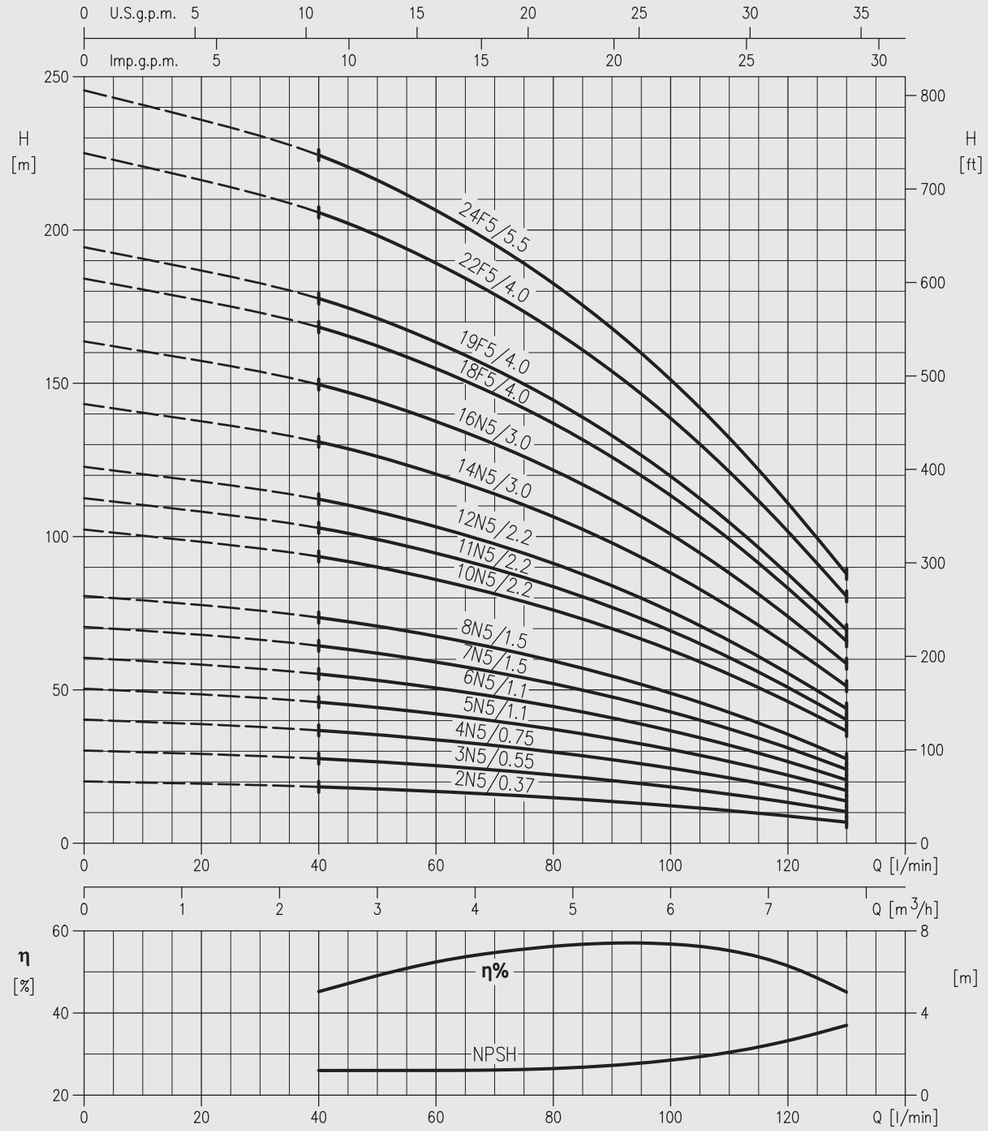
EVM 32-64

Pump type EVM 32-64	Motor kW	Motor HP	Motor Size	Maximum working pressure (MPa)	Q = Capacity l/min	0	200	350	500	600	700	900	1000	1200	1400
					m³/h	0	12	21	30	36	42	54	60	72	84
					H = Total manometric head in meters										
EVM 32 1-0F5/2.2	2,2	3	90L	1,6		22,6	20,2	17,5	13,9	10,3	5,7	-	-	-	-
EVM 32 2-2F5/3.0	3	4	100	1,6		39,0	34,6	29,7	21,2	14,2	-	-	-	-	-
EVM 32 2-0F5/4.0	4	5,5	112	1,6		45,0	40,5	36,0	29,5	23,2	14,9	-	-	-	-
EVM 32 3-3F5/5.5	5,5	7,5	132S	1,6		55,0	52,0	45,0	32,8	22,7	-	-	-	-	-
EVM 32 3-0F5/5.5	5,5	7,5	132S	1,6		68,0	61,0	54,5	45,0	36,1	24,1	-	-	-	-
EVM 32 4-3F5/7.5	7,5	10	132S	1,6		81,0	72,5	63,5	48,5	35,6	-	-	-	-	-
EVM 32 4-0F5/7.5	7,5	10	132S	1,6		90,5	81,5	73,0	61,0	49,0	33,3	-	-	-	-
EVM 32 5-3F5/11	11	15	160M	1,6		104,0	93,0	82,0	64,0	48,5	30,5	-	-	-	-
EVM 32 5-0F5/11	11	15	160M	1,6		113,0	102,0	91,5	76,5	62,0	42,5	-	-	-	-
EVM 32 6-3F5/11	11	15	160M	1,6		126,0	114,0	100,0	79,5	61,5	39,7	-	-	-	-
EVM 32 6-0F5/11	11	15	160M	1,6		136,0	123,0	110,0	92,0	75,0	51,5	-	-	-	-
EVM 32 7-3F5/15	15	20	160M	1,6		149,0	134,0	119,0	95,5	74,5	49,0	-	-	-	-
EVM 32 7-0F5/15	15	20	160M	1,6		158,0	143,0	128,0	108,0	87,5	61,0	-	-	-	-
EVM 32 8-3F5/15	15	20	160M	2,5		172,0	155,0	137,0	111,0	87,0	58,0	-	-	-	-
EVM 32 8-0F5/15	15	20	160M	2,5		181,0	164,0	147,0	123,0	101,0	70,0	-	-	-	-
EVM 32 9-3F5/18.5	18,5	25	160L	2,5		194,0	175,0	156,0	127,0	100,0	67,5	-	-	-	-
EVM 32 9-0F5/18.5	18,5	25	160L	2,5		203,0	184,0	165,0	139,0	114,0	79,5	-	-	-	-
EVM 32 10-3F5/18.5	18,5	25	160L	2,5		217,0	196,0	174,0	142,0	113,0	76,5	-	-	-	-
EVM 32 10-1F5/18.5	18,5	25	160L	2,5		223,0	202,0	180,0	151,0	122,0	84,5	-	-	-	-
EVM 32 11-3F5/22	22	30	180	2,5		239,0	216,0	193,0	158,0	126,0	85,5	-	-	-	-
EVM 32 11-0F5/22	22	30	180	2,5		249,0	225,0	202,0	170,0	139,0	97,5	-	-	-	-
EVM 32 12-3F5/22	22	30	180	2,5		262,0	237,0	211,0	174,0	139,0	95,0	-	-	-	-
EVM 32 12-1F5/22	22	30	180	3,0		268,0	243,0	217,0	182,0	148,0	103,0	-	-	-	-
EVM 32 13-3F5/30	30	40	200	3,0		285,0	257,0	229,0	189,0	152,0	104,0	-	-	-	-
EVM 32 13-0F5/30	30	40	200	3,0		294,0	266,0	239,0	202,0	165,0	116,0	-	-	-	-
EVM 32 14-3F5/30	30	40	200	3,0		307,0	278,0	248,0	205,0	165,0	113,0	-	-	-	-
EVM 32 14-0F5/30	30	40	200	3,0		299,0	287,0	257,0	217,0	178,0	125,0	-	-	-	-
EVM 45 1-1F5/3.0	3	4	100	1,6		21,0	-	18,9	17,6	16,3	14,3	8,3	-	-	-
EVM 45 1-0F5/4.0	4	5,5	112	1,6		27,0	-	25,6	24,6	23,5	21,8	16,7	13,3	-	-
EVM 45 2-2F5/5.5	5,5	7,5	132S	1,6		42,0	-	38,1	35,8	33,4	29,8	18,6	-	-	-
EVM 45 2-0F5/7.5	7,5	10	132S	1,6		54,0	-	51,5	50,0	48,0	45,0	35,4	29,1	-	-
EVM 45 3-2F5/11	11	15	160M	1,6		69,0	-	64,0	61,0	58,0	53,0	37,3	-	-	-
EVM 45 3-0F5/11	11	15	160M	1,6		81,0	-	77,5	75,0	72,5	68,0	54,0	45,0	-	-
EVM 45 4-2F5/15	15	20	160M	2,5		96,0	-	90,0	86,0	82,0	76,0	56,0	43,0	-	-
EVM 45 4-0F5/15	15	20	160M	2,5		108,0	-	103,0	100,0	96,5	91,0	73,0	60,5	-	-
EVM 45 5-2F5/18.5	18,5	25	160L	2,5		123,0	-	116,0	111,0	107,0	99,0	74,5	58,5	-	-
EVM 45 5-0F5/18.5	18,5	25	160L	2,5		135,0	-	129,0	125,0	121,0	114,0	91,5	76,5	-	-
EVM 45 6-2F5/22	22	30	180	2,5		150,0	-	142,0	137,0	131,0	122,0	93,5	74,5	-	-
EVM 45 6-0F5/22	22	30	180	2,5		162,0	-	155,0	151,0	146,0	137,0	110,0	92,5	-	-
EVM 45 7-2F5/30	30	40	200	2,5		177,0	-	168,0	162,0	155,0	145,0	112,0	90,5	-	-
EVM 45 7-0F5/30	30	40	200	2,5		189,0	-	181,0	176,0	170,0	160,0	129,0	108,0	-	-
EVM 45 8-2F5/30	30	40	200	2,5		204,0	-	194,0	187,0	180,0	168,0	131,0	106,0	-	-
EVM 45 8-0F5/30	30	40	200	2,5		216,0	-	207,0	201,0	194,0	183,0	148,0	124,0	-	-
EVM 45 9-2F5/30	30	40	200	2,5		231,0	-	219,0	212,0	204,0	191,0	150,0	122,0	-	-
EVM 45 9-0F5/37	37	50	200	2,5		243,0	-	233,0	226,0	219,0	206,0	166,0	140,0	-	-
EVM 45 10-2F5/37	37	50	200	3,0		258,0	-	245,0	237,0	229,0	214,0	168,0	138,0	-	-
EVM 45 10-0F5/37	37	50	200	3,0		270,0	-	259,0	251,0	243,0	229,0	185,0	156,0	-	-
EVM 64 1-1F5/4.0	4	5,5	100	1,6		23,7	-	-	21,0	20,4	19,7	17,5	15,9	11,4	-
EVM 64 1-0F5/5.5	5,5	7,5	132S	1,6		29,3	-	-	26,6	26,1	25,4	23,7	22,3	18,5	13,5
EVM 64 2-2F5/7.5	7,5	10	132S	1,6		47,5	-	-	42,5	41,5	40,5	36,5	33,5	25,3	-
EVM 64 2-1F5/11	11	15	160M	1,6		53,0	-	-	48,0	47,0	46,0	42,5	40,0	32,4	23,0
EVM 64 2-0F5/11	11	15	160M	1,6		58,5	-	-	53,5	53,0	52,0	49,0	46,5	39,5	30,6
EVM 64 3-3F5/15	15	20	160M	1,6		71,0	-	-	64,0	62,5	61,0	55,5	51,0	39,3	-
EVM 64 3-2F5/15	15	20	160M	1,6		76,5	-	-	69,5	68,0	66,5	61,5	57,5	46,5	32,5
EVM 64 3-1F5/15	15	20	160M	1,6		82,5	-	-	75,0	74,0	72,5	68,0	64,0	53,5	40,0
EVM 64 3-0F5/18.5	18,5	25	160L	1,6		88,0	-	-	80,5	79,5	78,0	74,0	70,5	60,5	47,5
EVM 64 4-3F5/18.5	18,5	25	160L	1,6		100,0	-	-	91,0	89,0	87,0	80,5	75,5	60,5	42,0
EVM 64 4-2F5/18.5	18,5	25	160L	1,6		106,0	-	-	96,5	95,0	93,0	87,0	81,5	67,5	49,5
EVM 64 4-1F5/22	22	30	180	1,6		112,0	-	-	102,0	101,0	98,5	93,0	88,0	74,5	57,0
EVM 64 4-0F5/22	22	30	180	1,6		117,0	-	-	108,0	106,0	104,0	99,0	94,5	81,5	64,5
EVM 64 5-3F5/30	30	40	200	1,6		130,0	-	-	118,0	116,0	114,0	106,0	99,5	81,5	59,0
EVM 64 5-2F5/30	30	40	200	1,6		135,0	-	-	124,0	122,0	119,0	112,0	106,0	88,5	66,5
EVM 64 5-1F5/30	30	40	200	1,6		141,0	-	-	129,0	127,0	125,0	118,0	112,0	95,5	74,0
EVM 64 5-0F5/30	30	40	200	1,6		147,0	-	-	135,0	133,0	131,0	124,0	119,0	103,0	81,5
EVM 64 6-3F5/30	30	40	200	1,6		159,0	-	-	145,0	143,0	140,0	131,0	124,0	103,0	76,0
EVM 64 6-2F5/30	30	40	200	2,5		165,0	-	-	151,0	148,0	146,0	137,0	130,0	110,0	83,5
EVM 64 6-1F5/37	37	50	200	2,5		170,0	-	-	156,0	154,0	151,0	143,0	136,0	117,0	91,0
EVM 64 6-0F5/37	37	50	200	2,5		176,0	-	-	162,0	160,0	157,0	149,0	143,0	124,0	99,0
EVM 64 7-3F5/37	37	50	200	2,5		188,0	-	-	172,0	169,0	166,0	156,0	148,0	124,0	93,0
EVM 64 7-2F5/37	37	50	200	2,5		194,0	-	-	178,0	175,0	172,0	162,0	154,0	131,0	101,0
EVM 64 7-1F5/37	37	50	200	2,5		200,0	-	-	183,0	181,0	178,0	168,0	161,0	138,0	108,0

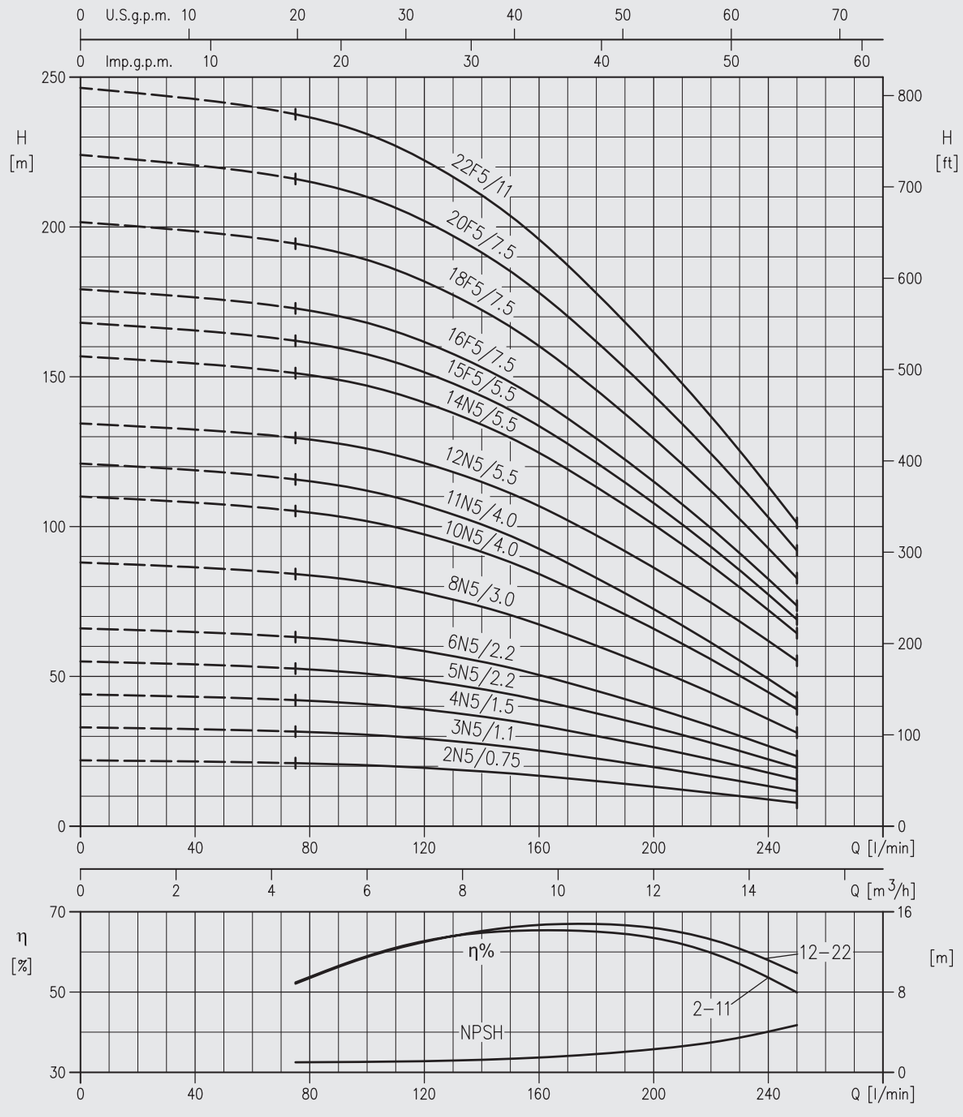
EVM 3


0 U.S.g.p.m. 5.0 7.5 10.0 12.5 15.0 17.5 20.0
0 Imp.g.p.m. 2.5 5.0 7.5 10.0 12.5 15.0 17.5
H [m]
H [ft]
250
200
150
100
50
0
800
700
600
500
400
300
200
100
0
26F5/3.0
22F5/2.2
18F5/2.2
15N5/1.5
13N5/1.5
11N5/1.1
9N5/1.1
7N5/0.75
6N5/0.75
5N5/0.55
4N5/0.55
3N5/0.37
2N5/0.37
0 10 20 30 40 50 60 70 Q [l/min]
0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 Q [m3/h]
η [%]
60
40
20
η%
NPSH
5
3
1
[m]
0 10 20 30 40 50 60 70 Q [l/min]

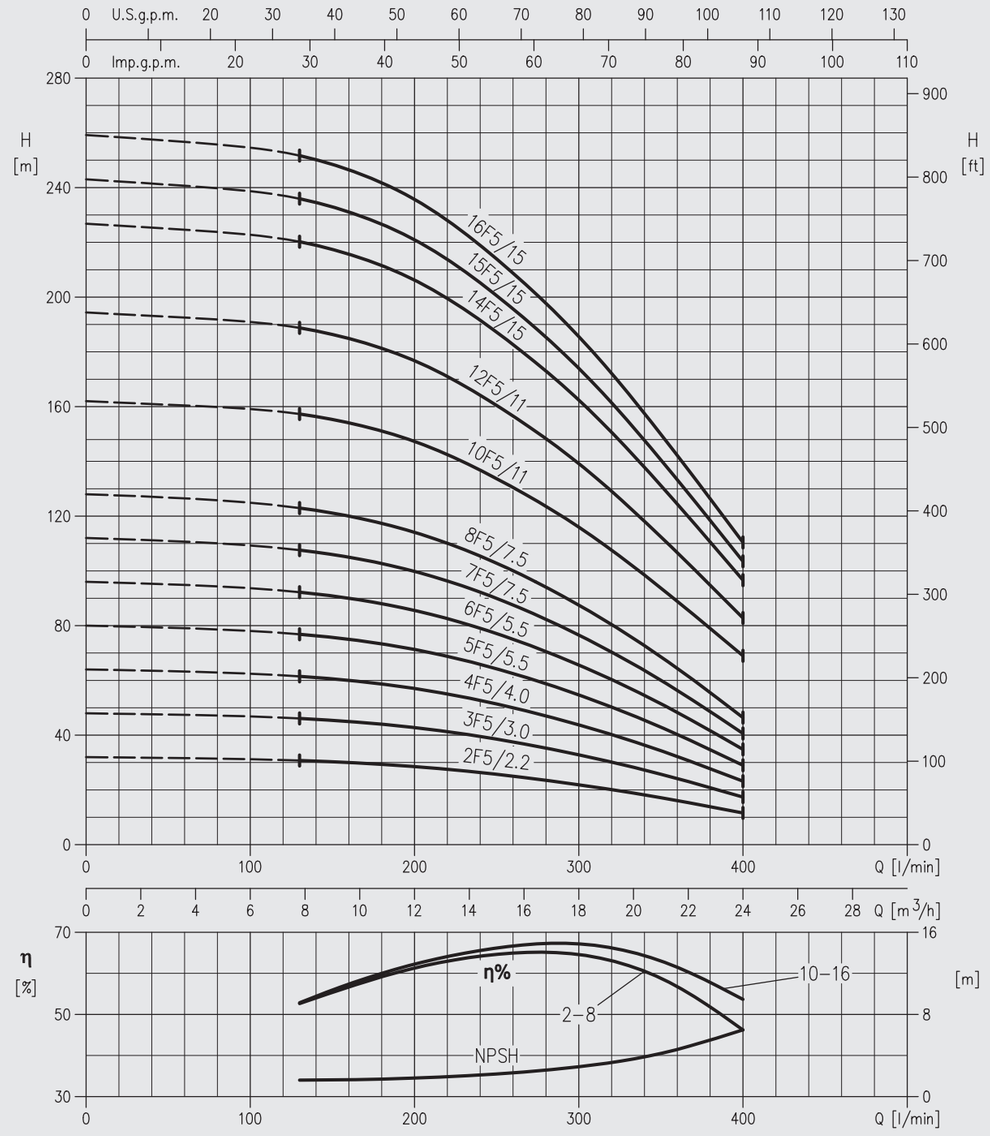
EVM 5


0 U.S.g.p.m. 5 10 15 20 25 30 35
0 Imp.g.p.m. 5 10 15 20 25 30
H [m]
H [ft]
250
200
150
100
50
0
800
700
600
500
400
300
200
100
0
24F5/5.5
22F5/4.0
19F5/4.0
18F5/4.0
16N5/3.0
14N5/3.0
12N5/2.2
11N5/2.2
10N5/2.2
8N5/1.5
7N5/1.5
6N5/1.1
5N5/1.1
4N5/0.75
3N5/0.55
2N5/0.37
0 20 40 60 80 100 120 Q [l/min]
0 1 2 3 4 5 6 7 Q [m3/h]
η [%]
60
40
20
η%
NPSH
8
4
0
[m]
0 20 40 60 80 100 120 Q [l/min]

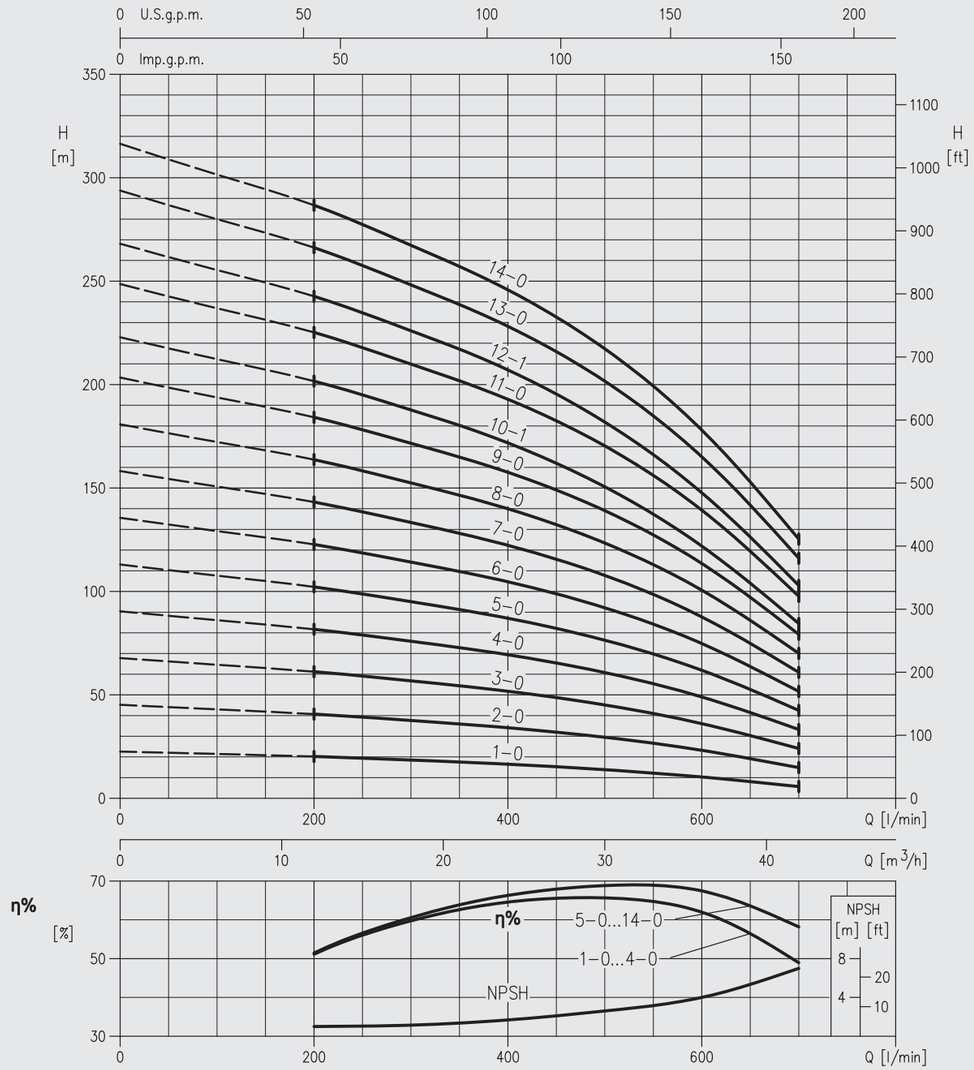
EVM 10


0 U.S.g.p.m. 10 20 30 40 50 60 70
0 Imp.g.p.m. 10 20 30 40 50 60
H [m]
H [ft]
22F5/11
20F5/7.5
18F5/7.5
16F5/7.5
15F5/5.5
14N5/5.5
12N5/5.5
11N5/4.0
10N5/4.0
8N5/3.0
6N5/2.2
5N5/2.2
4N5/1.5
3N5/1.1
2N5/0.75
Q [l/min]
Q [m3/h]
η [%]
η%
12–22
2–11
NPSH
[m]

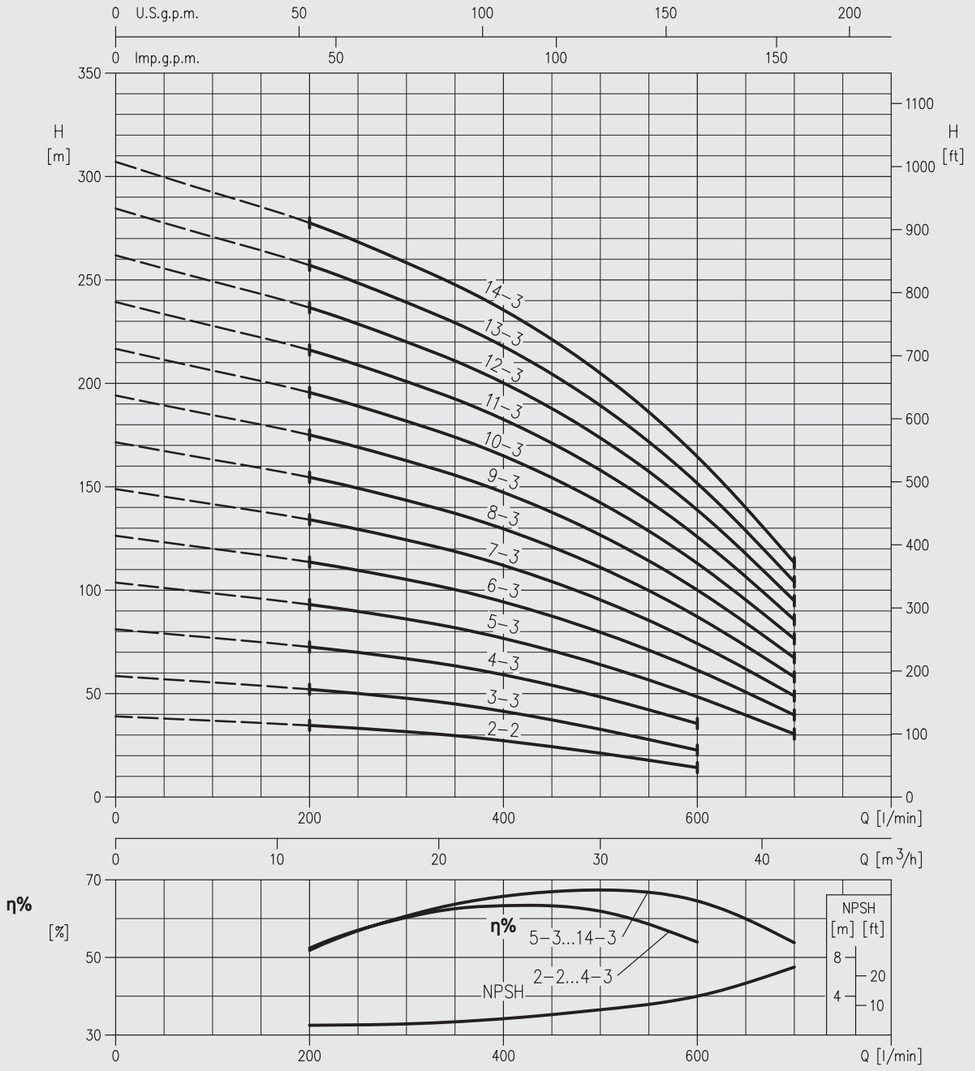
EVM 18


0 U.S.g.p.m. 20 30 40 50 60 70 80 90 100 110 120 130
0 Imp.g.p.m. 20 30 40 50 60 70 80 90 100 110
H [m]
H [ft]
16F5/15
15F5/15
14F5/15
12F5/11
10F5/11
8F5/7.5
7F5/7.5
6F5/5.5
5F5/5.5
4F5/4.0
3F5/3.0
2F5/2.2
Q [l/min]
Q [m3/h]
η [%]
η%
10–16
2–8
NPSH
[m]

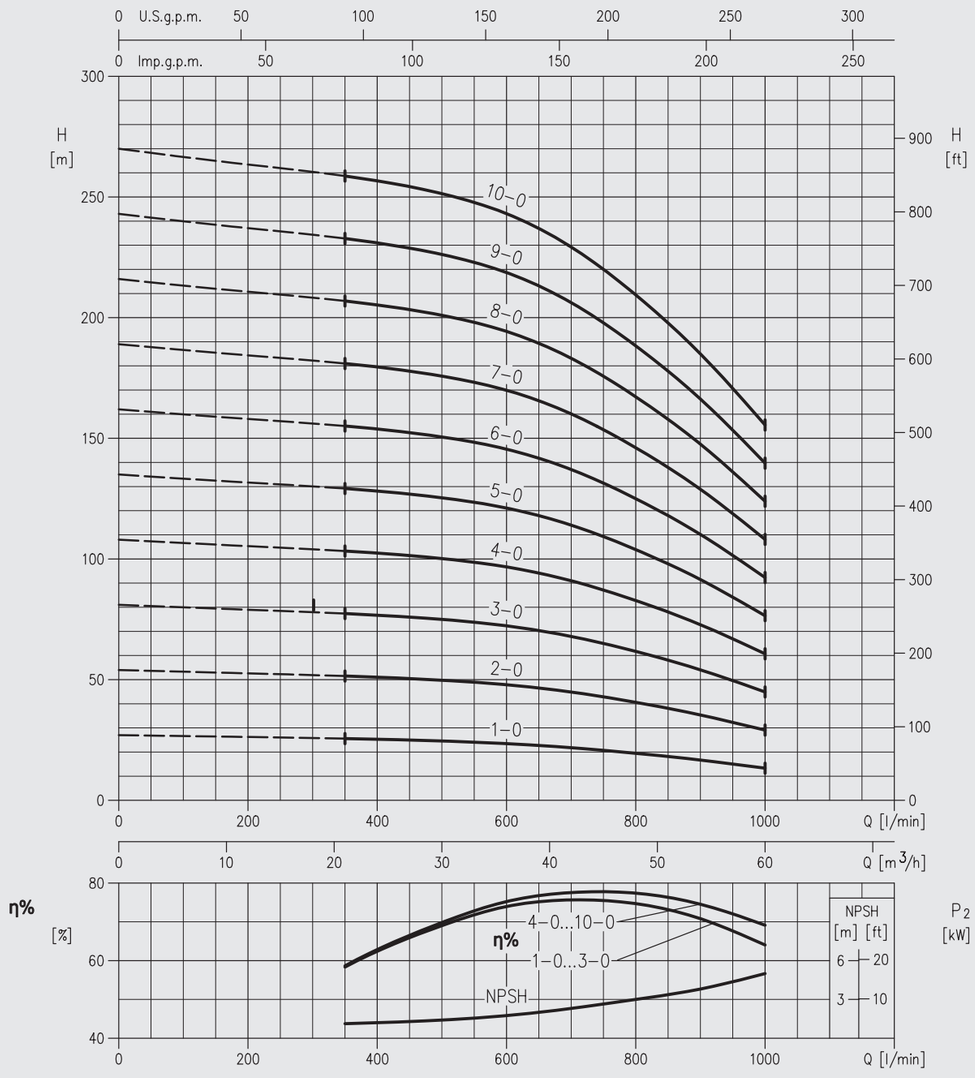
EVM 32


0 U.S.g.p.m. 50 100 150 200
0 Imp.g.p.m. 50 100 150
H [m]
H [ft]
14–0
13–0
12–1
11–0
10–1
9–0
8–0
7–0
6–0
5–0
4–0
3–0
2–0
1–0
Q [l/min]
Q [m3/h]
η%
[%]
5–0...14–0
1–0...4–0
NPSH
NPSH [m] [ft]

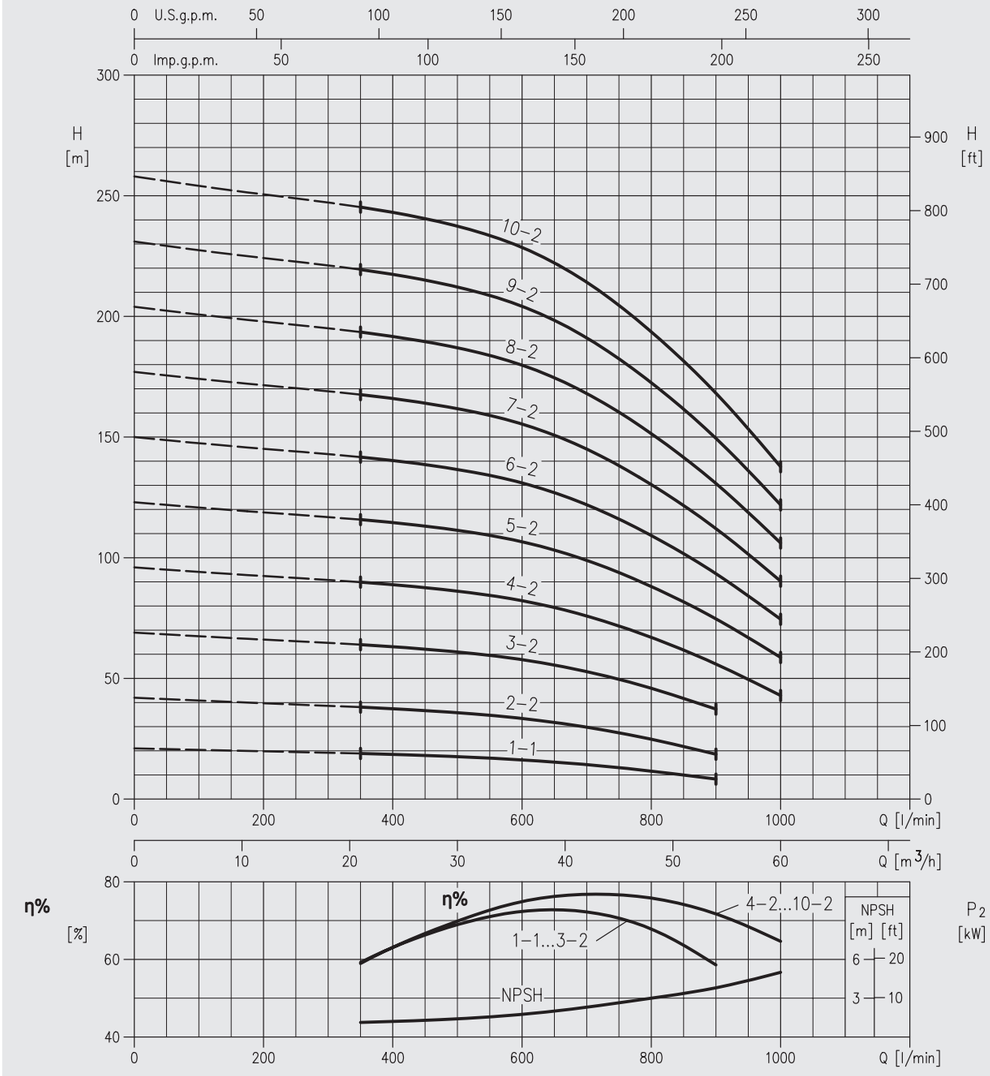
EVM 32


0 U.S.g.p.m. 50 100 150 200
0 Imp.g.p.m. 50 100 150
H [m]
H [ft]
14–3
13–3
12–3
11–3
10–3
9–3
8–3
7–3
6–3
5–3
4–3
3–3
2–2
Q [l/min]
Q [m3/h]
η%
[%]
5–3...14–3
2–2...4–3
NPSH
NPSH [m] [ft]

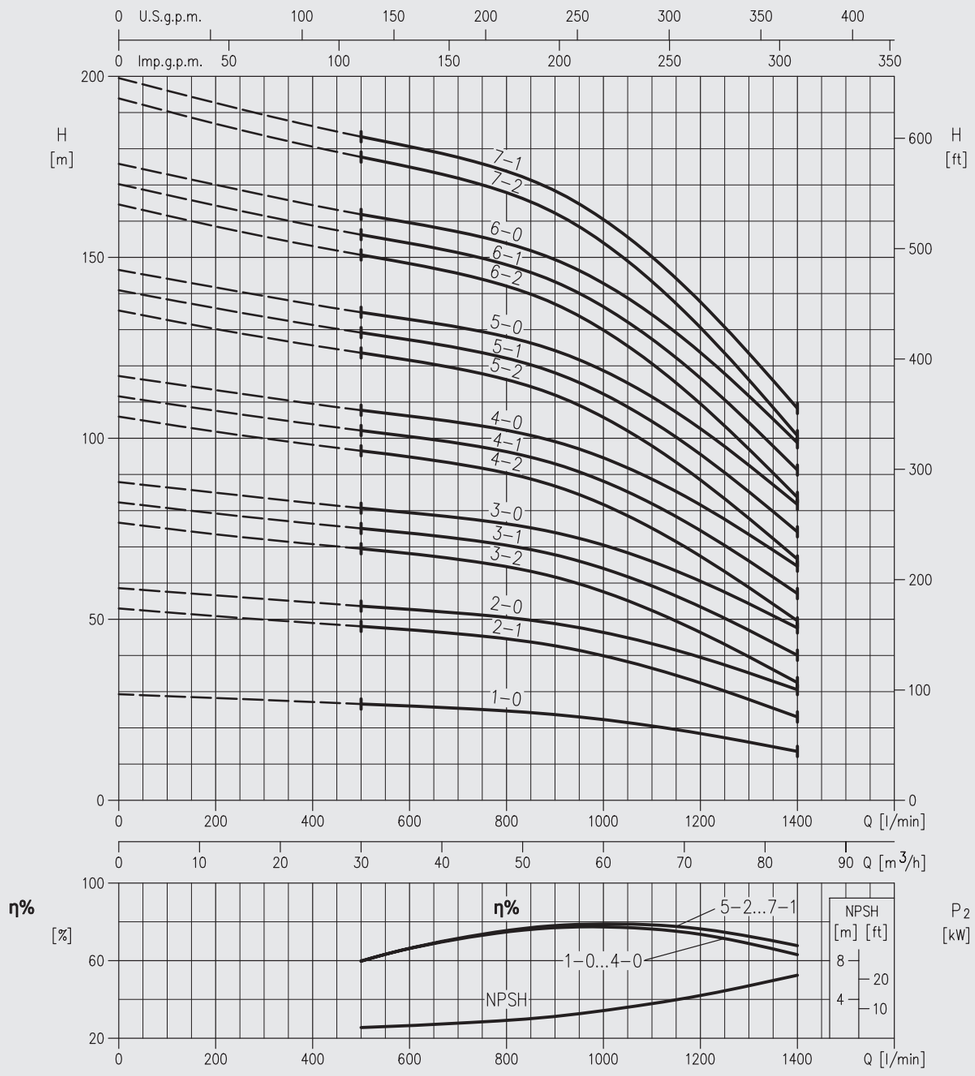
EVM 45


0 U.S.g.p.m. 50 100 150 200 250 300
0 Imp.g.p.m. 50 100 150 200 250
H [m]
H [ft]
10–0
9–0
8–0
7–0
6–0
5–0
4–0
3–0
2–0
1–0
0 200 400 600 800 1000 Q [l/min]
0 10 20 30 40 50 60 Q [m3/h]
η%
[%]
4–0...10–0
1–0...3–0
NPSH
[m] [ft]
P2
[kW]

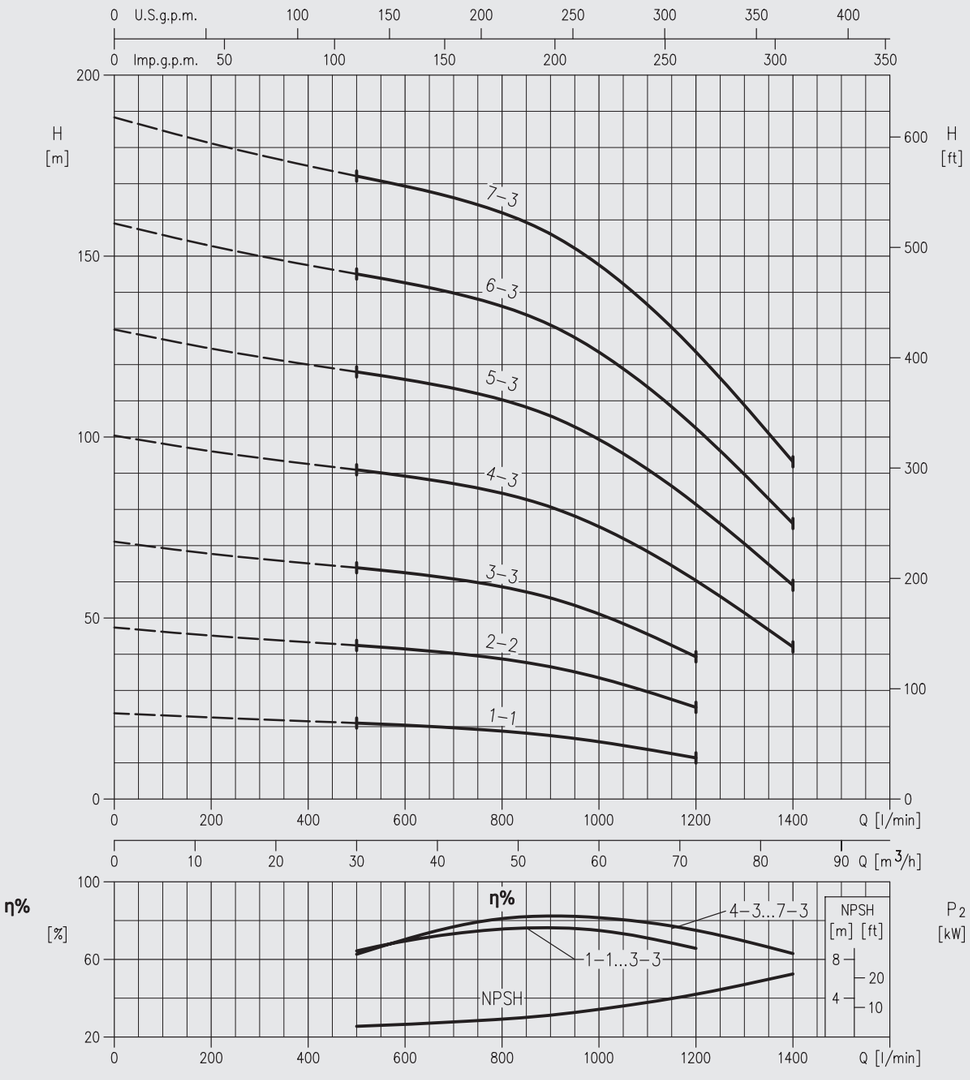
EVM 45


0 U.S.g.p.m. 50 100 150 200 250 300
0 Imp.g.p.m. 50 100 150 200 250
H [m]
H [ft]
10–2
9–2
8–2
7–2
6–2
5–2
4–2
3–2
2–2
1–1
0 200 400 600 800 1000 Q [l/min]
0 10 20 30 40 50 60 Q [m3/h]
η%
[%]
4–2...10–2
1–1...3–2
NPSH
[m] [ft]
P2
[kW]

EVM 64


0 U.S.g.p.m. 100 150 200 250 300 350 400
0 Imp.g.p.m. 50 100 150 200 250 300 350
H [m]
H [ft]
7–1
7–2
6–0
6–1
6–2
5–0
5–1
5–2
4–0
4–1
4–2
3–0
3–1
3–2
2–0
2–1
1–0
0 200 400 600 800 1000 1200 1400 Q [l/min]
0 10 20 30 40 50 60 70 80 90 Q [m3/h]
η%
[%]
5–2...7–1
1–0...4–0
NPSH
NPSH [m] [ft]
P2 [kW]

EVM 64


0 U.S.g.p.m. 100 150 200 250 300 350 400
0 Imp.g.p.m. 50 100 150 200 250 300 350
H [m]
H [ft]
7–3
6–3
5–3
4–3
3–3
2–2
1–1
0 200 400 600 800 1000 1200 1400 Q [l/min]
0 10 20 30 40 50 60 70 80 90 Q [m3/h]
η%
[%]
4–3...7–3
1–1...3–3
NPSH
NPSH [m] [ft]
P2 [kW]