



EBARA

EVM

VERTICAL MULTISTAGE ELECTRIC PUMPS

60 Hz



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316



Vertical multistage centrifugal electric pumps available in various versions: cast iron (EVMG), AISI 304 stainless steel (EVM), AISI 316 stainless steel (EVML).

APPLICATIONS

- Civil, industrial, agricultural and fire-fighting pressure boosting systems
- Primary water treatment plants, reverse osmosis, seepage, etc.
- Moving moderately aggressive fluids
- Boiler loading
- Washing, heating systems and air-conditioning

TECHNICAL DETAILS

- Reliable, strong, silent and easy to service
- The EVM pumps can be coupled with standard EIC motors
- They offer state-of-the-art technical solutions
- The EVM vertical multistage pumps (hydraulic parts) are in compliance with the 94/9/CE Directive on ATEX products (they belong to Group II, Category 2)
- Oval counter-flanges, "N" version, already included
- Round counter-flanges, "F" version, as accessories

TECHNICAL DATA

- Maximum working pressure: 16 bar, 25 bar, 30 bar for EVM32 - EVM45 only
- Rotation speed: ≈ 3500
- Temperature of the liquid: from -15°C to $+120^{\circ}\text{C}$;
from -15°C to $+85^{\circ}\text{C}$ (for EVMW)
- Self-ventilated 2 pole asynchronous motor
- Class of insulation F (B for temperature rise)
- IP55 Protection rating
- Three phase voltage $220/380\text{V} \pm 5\%$ 60Hz (up to 4 kW included),
three phase voltage $265/460\text{V} \pm 5\%$ 60Hz (up to 4 kW included),
three phase voltage $380\text{V} \pm 5\%$ Delta conn. 60Hz (5.5 kW and above)
three phase voltage $460\text{V} \pm 5\%$ Delta conn. 60Hz (5.5 kW and above)

MATERIALS

- Lower pump body, external casing, seal housing disc, impellers, nozzles, shaft casing, joint cover and small elements in contact with the liquid in AISI 304 (EVM), AISI 316 (EVML) ["EVMG" version: body in cast iron and hydraulic parts in AISI 304]
- Tie-rods and small elements not in contact with the liquid in galvanised steel
- Shaft in AISI 316
- Bearings in contact with the liquid in tungsten carbide
- Motor support and base in cast iron
- Mechanical seal in SiC/Carbon/EPDM (models 3-5-10-18)
- Mechanical seal with cartridge as per standard in SiC/Carbon/FPM (models 32-45-64)
(F= round counter-flanges; N= oval counter-flanges)

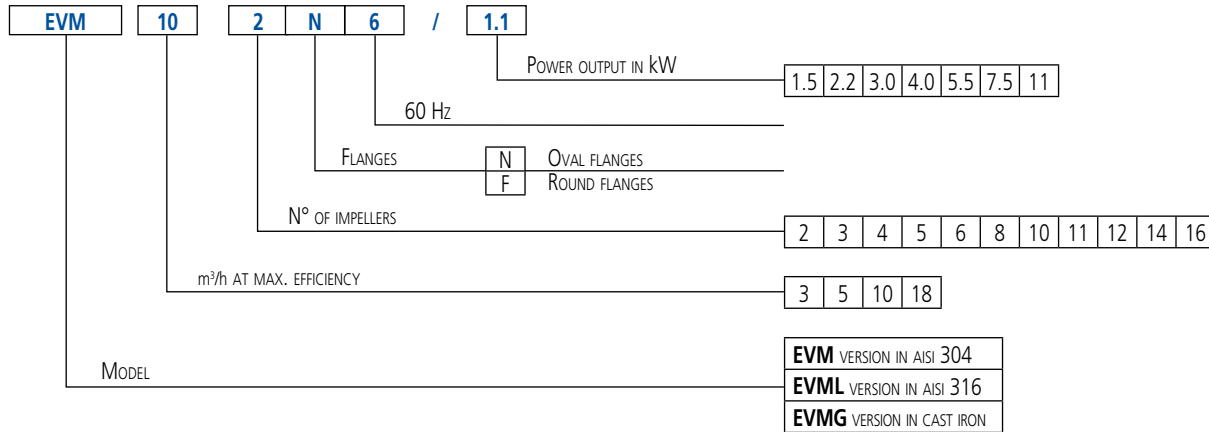
SPECIAL VERSIONS

- Version with WRAS approval (EVMW 3-5-10-18)
- ATEX version for complete electric pump
- Three phase voltage $220/380\text{V} \pm 5\%$ 60Hz (5.5 kW and above) for EVM 3-5-10-18
- Three phase voltage $265/460\text{V} \pm 5\%$ 60Hz (5.5 kW and above) for EVM 3-5-10-18

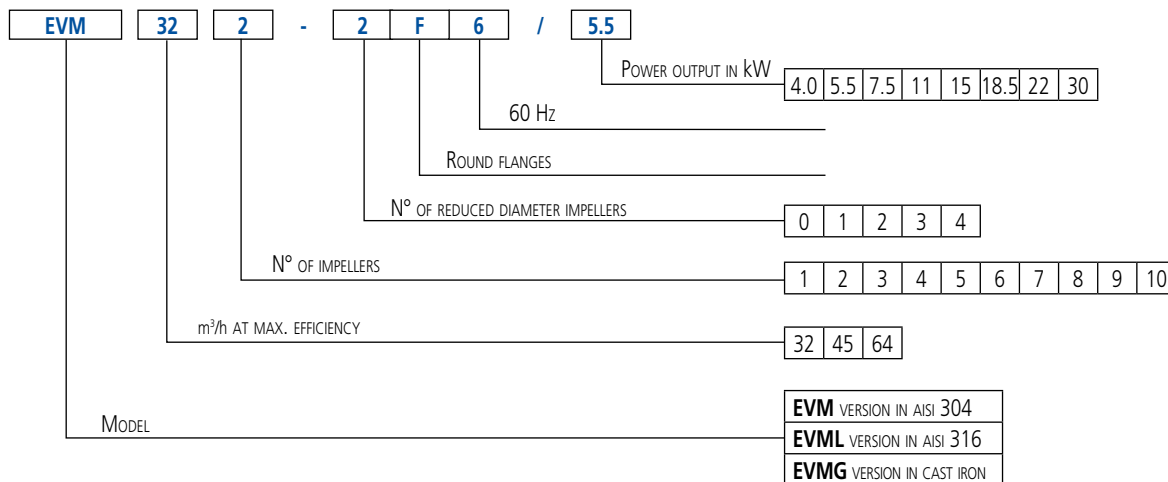
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 3-18 IDENTIFICATION CODE



EVM 32-64 IDENTIFICATION CODE



MECHANICAL SEAL WITH CARTRIDGE

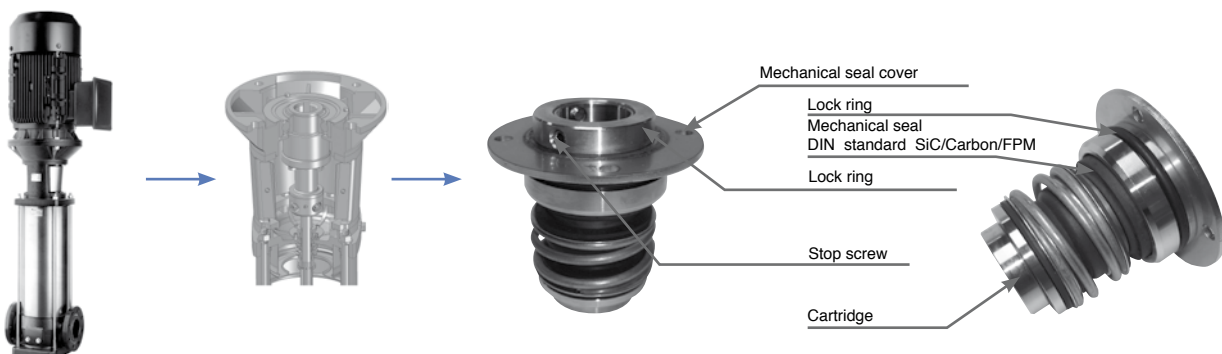
The EVM 32-45-64 pumps house the mechanical seal with cartridge as per standard.

All of the components of the mechanical seal constitute just one part on one shaft sleeve. The mechanical seal is ready to be installed between the pump shaft and the motor shaft.

The benefits of this type of seal are:

- Easy to install
- Safety and easy to use

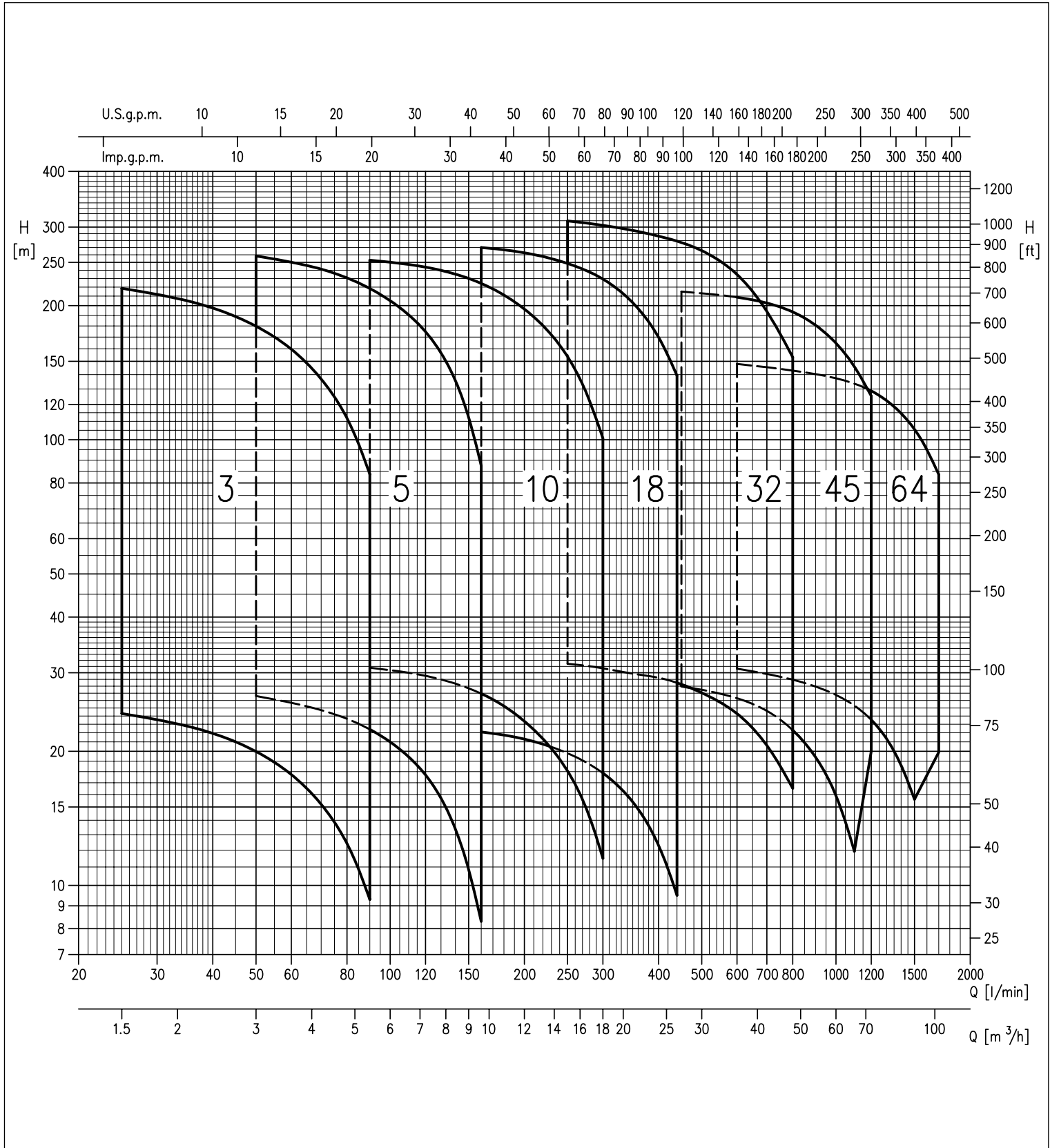
We are at your disposal to evaluate all demands and requirements in order to find the best solution for your plants and applications.



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

PERFORMANCE RANGE



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 3-18 PERFORMANCE TABLE

Model	Motor			Max. working pressure [MPa]	Q=Flow rate											Weight [kg]			
	[HP]	[kW]	Mec		l/min	25	50	75	90	120	160	200	250	300	350	400	440	Pump	Pump + motor
					m³/h	1,5	3,0	4,5	5,4	7,2	9,6	12	15	18	21	24	26,4		
H=Head [m]																			
EVM(.) 3 2N6/0.37	0,5	0,37	71	1.6	24,3	20,0	13,9	9,3	-	-	-	-	-	-	-	-	-	11,0	16,8
EVM(.) 3 3N6/0.55	0,75	0,55	71		36,5	30,0	20,8	14,0	-	-	-	-	-	-	-	-	-	12,0	18,2
EVM(.) 3 4N6/0.75	1,0	0,75	80		48,5	40,0	27,7	18,6	-	-	-	-	-	-	-	-	-	12,0	20,4
EVM(.) 3 5N6/1.1	1,5	1,1	80		61,0	50,0	34,7	23,3	-	-	-	-	-	-	-	-	-	13,0	24,1
EVM(.) 3 6N6/1.1	1,5	1,1	80		73,0	60,0	41,5	27,9	-	-	-	-	-	-	-	-	-	14,0	25,1
EVM(.) 3 7N6/1.5	2,0	1,5	90 S		85,0	70,0	48,5	32,6	-	-	-	-	-	-	-	-	-	14,0	28,0
EVM(.) 3 8N6/1.5	2,0	1,5	90 S		97,0	80,0	55,5	37,2	-	-	-	-	-	-	-	-	-	14,0	28,0
EVM(.) 3 9N6/2.2	3,0	2,2	90 L		109,0	90,0	62,5	42,0	-	-	-	-	-	-	-	-	-	15,0	31,0
EVM(.) 3 11F6/2.2	3,0	2,2	90 L	2.5	134,0	110,0	76,0	51,0	-	-	-	-	-	-	-	-	-	16,0	32,0
EVM(.) 3 12F6/2.2	3,0	2,2	90 L		146,0	120,0	83,0	56,0	-	-	-	-	-	-	-	-	-	17,0	33,0
EVM(.) 3 13F6/3.0	4,0	3,0	100 L		158,0	130,0	90,0	60,5	-	-	-	-	-	-	-	-	-	18,0	40,8
EVM(.) 3 15F6/3.0	4,0	3,0	100 L		182,0	150,0	104,0	70,0	-	-	-	-	-	-	-	-	-	21,0	43,8
EVM(.) 3 18F6/4.0	5,5	4,0	112 M		219,0	180,0	125,0	83,5	-	-	-	-	-	-	-	-	-	25,0	47,8
EVM(.) 5 2N6/0.75	1,0	0,75	80	1.6	-	26,6	24,2	22,4	17,7	8,3	-	-	-	-	-	-	-	12,0	20,4
EVM(.) 5 3N6/1.1	1,5	1,1	80		-	39,9	36,3	33,6	26,6	12,5	-	-	-	-	-	-	-	12,0	23,1
EVM(.) 5 4N6/1.5	2,0	1,5	90 S		-	53,0	48,5	45,0	35,4	16,6	-	-	-	-	-	-	-	13,0	27,0
EVM(.) 5 5N6/2.2	3,0	2,2	90 L		-	66,5	60,5	56,0	44,5	20,8	-	-	-	-	-	-	-	14,0	30,0
EVM(.) 5 6N6/2.2	3,0	2,2	90 L		-	80,0	72,5	67,0	53,0	24,9	-	-	-	-	-	-	-	14,0	30,0
EVM(.) 5 7N6/3.0	4,0	3,0	100 L		-	93,0	85,0	78,5	62,0	29,1	-	-	-	-	-	-	-	15,0	37,8
EVM(.) 5 8N6/3.0	4,0	3,0	100 L		-	106,0	97,0	89,5	71,0	33,2	-	-	-	-	-	-	-	16,0	38,8
EVM(.) 5 10N6/4.0	5,5	4,0	112 M		-	133,0	121,0	112,0	88,5	41,5	-	-	-	-	-	-	-	18,0	40,8
EVM(.) 5 11F6/4.0	5,5	4,0	112 M	2.5	-	146,0	133,0	123,0	97,5	45,5	-	-	-	-	-	-	22,0	44,8	
EVM(.) 5 12F6/4.0	5,5	4,0	112 M		-	163,0	150,0	138,0	110,0	55,0	-	-	-	-	-	-	-	23,0	45,8
EVM(.) 5 14F6/5.5	7,5	5,5	132 S		-	190,0	174,0	161,0	129,0	64,5	-	-	-	-	-	-	-	25,0	63,6
EVM(.) 5 16F6/5.5	7,5	5,5	132 S		-	218,0	199,0	184,0	147,0	73,5	-	-	-	-	-	-	-	27,0	65,6
EVM(.) 5 19F6/7.5	10	7,5	132 S		-	260,0	236,0	219,0	175,0	87,5	-	-	-	-	-	-	-	29,0	69,4
EVM(.) 10 2N6/1.5	2,0	1,5	90 S	1.6	-	-	-	30,8	29,5	26,9	23,4	18,1	11,5	-	-	-	-	18,0	32,0
EVM(.) 10 3N6/2.2	3,0	2,2	90 L		-	-	-	46,0	44,5	40,5	35,0	27,1	17,3	-	-	-	-	20,0	36,0
EVM(.) 10 4N6/3.0	4,0	3,0	100 L		-	-	-	61,5	59,0	54,0	46,5	36,1	23,0	-	-	-	-	22,0	44,8
EVM(.) 10 5N6/4.0	5,5	4,0	112 M		-	-	-	77,0	74,0	67,5	58,5	45,0	28,8	-	-	-	-	23,0	45,8
EVM(.) 10 6N6/4.0	5,5	4,0	112 M		-	-	-	92,5	88,5	81,0	70,0	54,0	34,5	-	-	-	-	24,0	46,8
EVM(.) 10 8N6/5.5	7,5	5,5	132 S		-	-	-	123,0	118,0	108,0	93,5	72,0	46,0	-	-	-	-	31,0	69,6
EVM(.) 10 10F6/7.5	10	7,5	132 S	2.5	-	-	-	158,0	153,0	140,0	123,0	96,0	63,0	-	-	-	-	35,0	75,4
EVM(.) 10 11F6/7.5	10	7,5	132 S		-	-	-	174,0	168,0	154,0	135,0	106,0	69,5	-	-	-	-	38,0	78,4
EVM(.) 10 12F6/7.5	10	7,5	132 S		-	-	-	190,0	183,0	168,0	147,0	115,0	75,5	-	-	-	-	43,0	83,4
EVM(.) 10 14F6/11	15	11	160 M		-	-	-	221,0	214,0	196,0	172,0	133,0	88,0	-	-	-	-	46,0	108,5
EVM(.) 10 16F6/11	15	11	160 M		-	-	-	253,0	244,0	224,0	197,0	154,0	101,0	-	-	-	-	48,0	110,5
EVM(.) 18 1F6/2.2	3	2,2	90 L	1.6	-	-	-	-	-	22,1	21,3	19,8	17,9	15,4	12,3	9,5	-	26,0	42,0
EVM(.) 18 2F6/3.0	4,0	3,0	100 L		-	-	-	-	-	44,0	42,5	39,6	35,7	30,8	24,6	19,0	-	27,0	49,8
EVM(.) 18 3F6/5.5	7,5	5,5	132 S		-	-	-	-	-	66,5	64,0	59,5	53,5	46,0	36,9	28,5	-	29,0	67,6
EVM(.) 18 4F6/7.5	10	7,5	132 S		-	-	-	-	-	88,5	85,0	79,0	71,5	61,5	49,0	38,0	-	31,0	71,4
EVM(.) 18 5F6/7.5	10	7,5	132 S		-	-	-	-	-	111,0	107,0	99,0	89,5	77,0	61,5	47,5	-	38,0	78,4
EVM(.) 18 6F6/11	15	11	160 M		-	-	-	-	-	135,0	131,0	124,0	115,0	102,0	85,0	69,5	-	41,0	103,5
EVM(.) 18 7F6/11	15	11	160 M	2.5	-	-	-	-	-	158,0	153,0	145,0	134,0	118,0	99,0	81,0	-	44,0	106,5
EVM(.) 18 8F6/15	20	15	160 M		-	-	-	-	-	180,0	175,0	166,0	153,0	135,0	113,0	93,0	-	44,0	131,1
EVM(.) 18 10F6/15	20	15	160 M		-	-	-	-	-	225,0	219,0	207,0	191,0	169,0	142,0	116,0	-	54,0	141,1
EVM(.) 18 11F6/18.5	25	18,5	160 L		-	-	-	-	-	248,0	241,0	228,0	210,0	186,0	156,0	128,0	-	56,0	153,5
EVM(.) 18 12F6/18.5	25	18,5	160 L		-	-	-	-	-	270,0	263,0	249,0	229,0	203,0	170,0	139,0	-	57,0	154,5

1,6 MPa= 16 bar

2,5 MPa= 25 bar

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 32-64 PERFORMANCE TABLE

Model	Motor			Max. working pressure [MPa]	Q=Flow rate										Weight [kg]	
	[HP]	[kW]	Mec		l/min 250	450	600	700	800	950	1100	1200	1500	1700	Pump	Pump + motor
					m³/h 15	27	36	42	48	57	66	72	90	102		
									H=Head [m]							
EVM(.) 32 1-0F6/4.0	5,5	4	112 M	1,6	31,4	28,3	24,3	20,6	16,5	-	-	-	-	-	56,0	78,8
EVM(.) 32 2-2F6/5.5	7,5	5,5	132 S		52,5	43,5	33,6	25,7	-	-	-	-	-	-	58,0	96,6
EVM(.) 32 2-0F6/7.5	10	7,5	132 S		63	56,6	48,5	41,0	33,1	-	-	-	-	-	58,0	98,4
EVM(.) 32 3-3F6/7.5	10	7,5	132 S		79	65,3	50,5	38,5	-	-	-	-	-	-	74,0	114,4
EVM(.) 32 3-0F6/11	15	11	160 M		94	85,0	72,5	62,0	49,5	-	-	-	-	-	74,0	136,5
EVM(.) 32 4-3F6/11	15	11	160 M		110	93,5	74,5	59,0	-	-	-	-	-	-	77,0	139,5
EVM(.) 32 4-0F6/15	20	15	160 M		125,0	113,0	97,0	82,5	66,0	-	-	-	-	-	77,0	164,1
EVM(.) 32 5-3F6/15	20	15	160 M		143	124,0	99,5	79,5	61,5	-	-	-	-	-	96,0	183,1
EVM(.) 32 5-2F6/15	20	15	160 M		148,0	130,0	107,0	86,5	67,5	-	-	-	-	-	96,0	183,1
EVM(.) 32 5-0F6/18.5	25	18,5	160 L		157	141,0	121,0	100,0	79,5	-	-	-	-	-	96,0	193,5
EVM(.) 32 6-3F6/18.5	25	18,5	160 L	2,5	174	152,0	124,0	100,0	77,5	-	-	-	-	-	99,0	196,5
EVM(.) 32 6-0F6/22	30	22	180 M		189	170,0	145,0	121,0	95,5	-	-	-	-	-	99,0	196,5
EVM(.) 32 7-3F6/22	30	22	180 M		206	180,0	148,0	120,0	93,0	-	-	-	-	-	99,0	262,0
EVM(.) 32 7-2F6/22	30	22	180 M		210	186,0	155,0	127,0	99,5	-	-	-	-	-	102,0	265,0
EVM(.) 32 7-0F6/30	40	30	200 L		220	198,0	169,0	141,0	112,0	-	-	-	-	-	102,0	265,0
EVM(.) 32 8-3F6/30	40	30	200 L		237	209,0	172,0	140,0	109,0	-	-	-	-	-	105,0	333,0
EVM(.) 32 8-0F6/30	40	30	200 L	3,0	252	226,0	194,0	161,0	127,0	-	-	-	-	-	105,0	333,0
EVM(.) 32 9-3F6/30	40	30	200 L		268	237,0	196,0	160,0	125,0	-	-	-	-	-	105,0	333,0
EVM(.) 32 9-0F6/30	40	30	200 L		283	255,0	218,0	181,0	143,0	-	-	-	-	-	108,0	336,0
EVM(.) 32 10-4F6/30	40	30	200 L		295	259,0	213,0	173,0	135,0	-	-	-	-	-	108,0	336,0
EVM(.) 45 1-1F6/5.5	7,5	5,5	132 S	1,6	-	28,0	26,3	24,6	22,3	17,7	11,9	-	-	-	108,0	336,0
EVM(.) 45 1-0F6/7.5	10	7,5	132 S		-	36,9	35,6	34,4	32,7	28,8	23,8	20,0	-	-	56,0	94,6
EVM(.) 45 2-2F6/11	15	11	160 M		-	56,5	53,5	50,5	46,0	37,7	26,9	-	-	-	56,0	96,4
EVM(.) 45 2-1F6/11	15	11	160 M		-	65,5	63,0	60,0	56,5	49,0	38,7	-	-	-	58,0	120,5
EVM(.) 45 2-0F6/15	20	15	160 M		-	74,5	72,0	70,0	67,0	60,0	50,5	43,5	-	-	58,0	120,5
EVM(.) 45 3-3F6/15	20	15	160 M		-	85,0	80,5	76,5	70,0	57,5	42,0	-	-	-	58,0	145,1
EVM(.) 45 3-2F6/15	20	15	160 M		-	94,0	90,0	86,0	80,5	69,0	53,5	-	-	-	74,0	161,1
EVM(.) 45 3-1F6/18.5	25	18,5	160 L		-	103,0	99,5	96,0	91,0	80,0	65,5	54,5	-	-	74,0	161,1
EVM(.) 45 3-0F6/22	30	22	180 M		-	112,0	109,0	106,0	101,0	91,0	77,5	67,0	-	-	74,0	171,5
EVM(.) 45 4-3F6/18.5	25	18,5	160 L		-	122,0	117,0	112,0	104,0	89,0	68,5	53,0	-	-	74,0	237,0
EVM(.) 45 4-2F6/22	30	22	180 M		-	131,0	127,0	122,0	115,0	100,0	80,5	65,5	-	-	77,0	174,5
EVM(.) 45 4-1F6/30	40	30	200 L		-	140,0	136,0	131,0	125,0	111,0	92,5	78,0	-	-	77,0	240,0
EVM(.) 45 4-0F6/30	40	30	200 L		-	149,0	145,0	141,0	135,0	122,0	104,0	91,0	-	-	77,0	305,0
EVM(.) 45 5-3F6/30	40	30	200 L		-	160,0	154,0	148,0	139,0	120,0	95,0	76,5	-	-	77,0	305,0
EVM(.) 45 5-2F6/30	40	30	200 L		-	169,0	163,0	157,0	149,0	131,0	107,0	89,0	-	-	96,0	324,0
EVM(.) 45 5-1F6/30	40	30	200 L		-	178,0	172,0	167,0	159,0	142,0	119,0	102,0	-	-	96,0	324,0
EVM(.) 45 5-0F6/37	50	37	200 L		-	187,0	182,0	177,0	170,0	153,0	131,0	114,0	-	-	96,0	324,0
EVM(.) 45 6-3F6/37	50	37	200 L		-	197,0	190,0	183,0	173,0	151,0	122,0	100,0	-	-	96,0	338,0
EVM(.) 45 6-2F6/37	50	37	200 L		-	206,0	200,0	193,0	183,0	162,0	134,0	113,0	-	-	99,0	341,0
EVM(.) 45 6-1F6/37	50	37	200 L		-	215,0	209,0	203,0	194,0	173,0	146,0	125,0	-	-	99,0	341,0
EVM(.) 64 1-1F6/7.5	10	7,5	132 S	1,6	-	-	30,7	29,8	28,9	27,4	25,3	23,5	15,6	-	99,0	341,0
EVM(.) 64 1-0F6/11	15	11	160 M		-	-	38,5	37,7	36,8	35,6	33,9	32,5	26,0	19,9	70,0	110,4
EVM(.) 64 2-2F6/15	20	15	160 M		-	-	62,0	60,5	59,0	56,5	53,0	49,5	35,3	-	77,0	139,5
EVM(.) 64 2-1F6/18.5	25	18,5	160 L		-	-	70,0	68,5	67,0	64,5	61,5	58,5	45,5	33,4	81,0	168,1
EVM(.) 64 2-0F6/22	30	22	180 M		-	-	77,5	76,0	75,0	73,0	70,0	67,5	56,0	45,0	94,0	191,5
EVM(.) 64 3-3F6/22	30	22	180 M		-	-	93,5	91,0	89,0	85,5	80,5	76,0	55,0	-	94,0	257,0
EVM(.) 64 3-2F6/30	40	30	200 L		-	-	101,0	99,0	97,0	93,5	89,0	84,5	65,5	47,0	99,0	262,0
EVM(.) 64 3-1F6/30	40	30	200 L		-	-	109,0	107,0	105,0	102,0	97,5	93,5	75,5	58,5	99,0	327,0
EVM(.) 64 3-0F6/30	40	30	200 L		-	-	117,0	115,0	113,0	110,0	106,0	103,0	86,0	70,0	99,0	327,0
EVM(.) 64 4-3F6/30	40	30	200 L		-	-	132,0	130,0	127,0	123,0	116,0	111,0	85,0	60,5	99,0	327,0
EVM(.) 64 4-2F6/37	50	37	200 L		-	-	140,0	138,0	135,0	131,0	125,0	120,0	95,5	72,0	108,0	336,0
EVM(.) 64 4-1F6/37	50	37	200 L		-	-	148,0	146,0	143,0	139,0	134,0	129,0	106,0	83,5	108,0	350,0

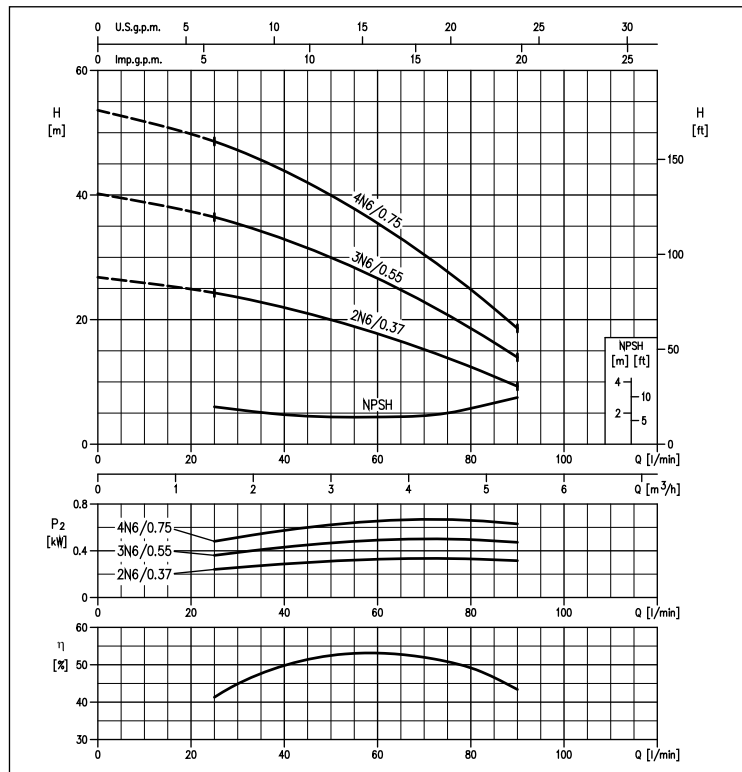
1,6 MPa= 16 bar
2,5 MPa= 25 bar
3,0 MPa= 30 bar

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

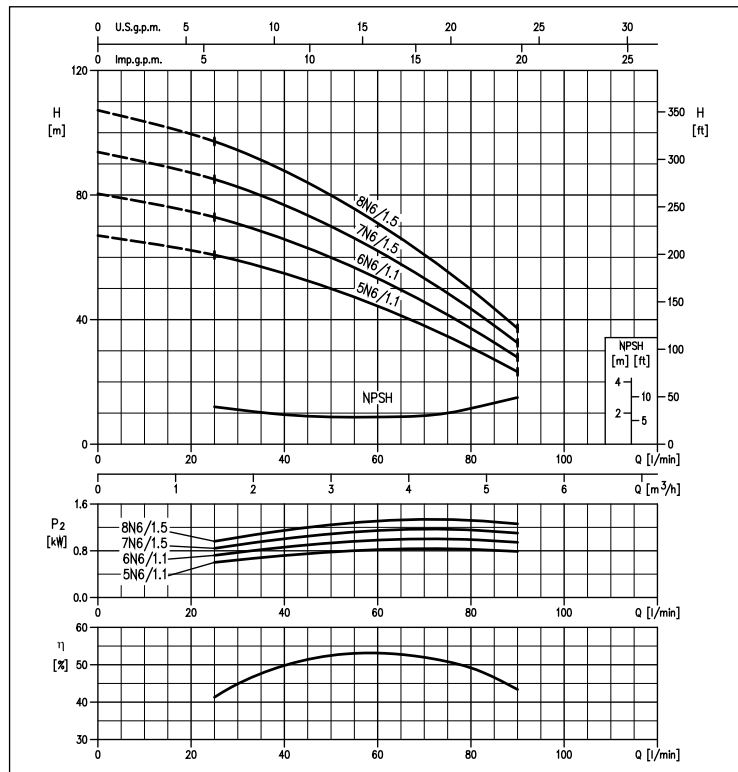
EVM(.) 3 range PERFORMANCE CURVES

IMPELLER DIAMETER: 89 mm



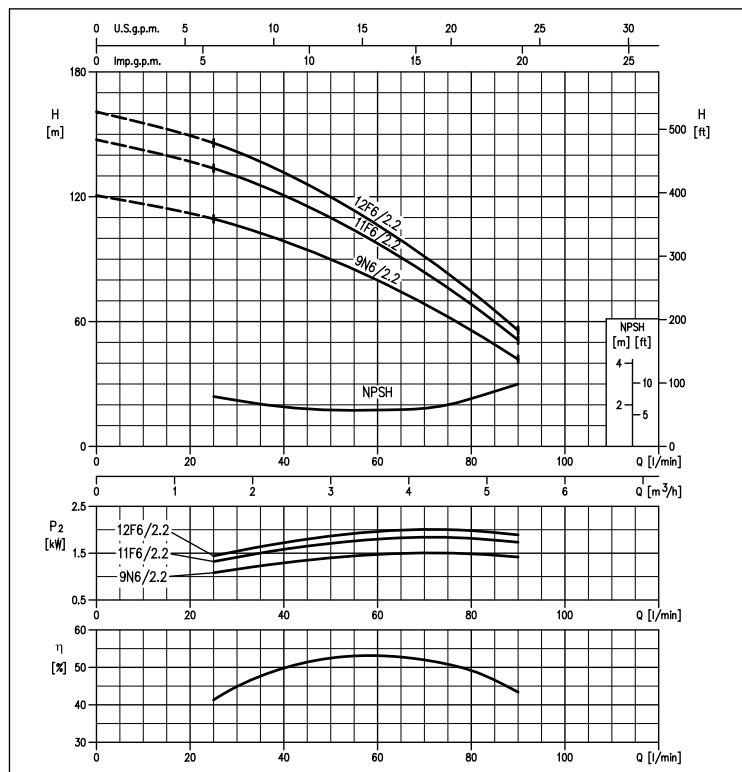
EVM(.) 3 range PERFORMANCE CURVES

IMPELLER DIAMETER: 89 mm



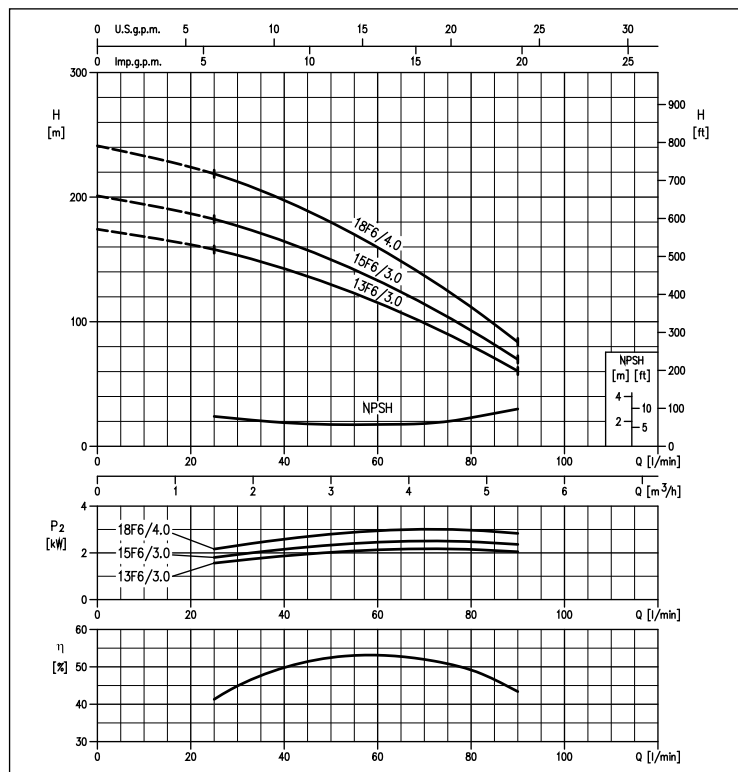
EVM(.) 3 range PERFORMANCE CURVES

IMPELLER DIAMETER: 89 mm



EVM(.) 3 range PERFORMANCE CURVES

IMPELLER DIAMETER: 89 mm

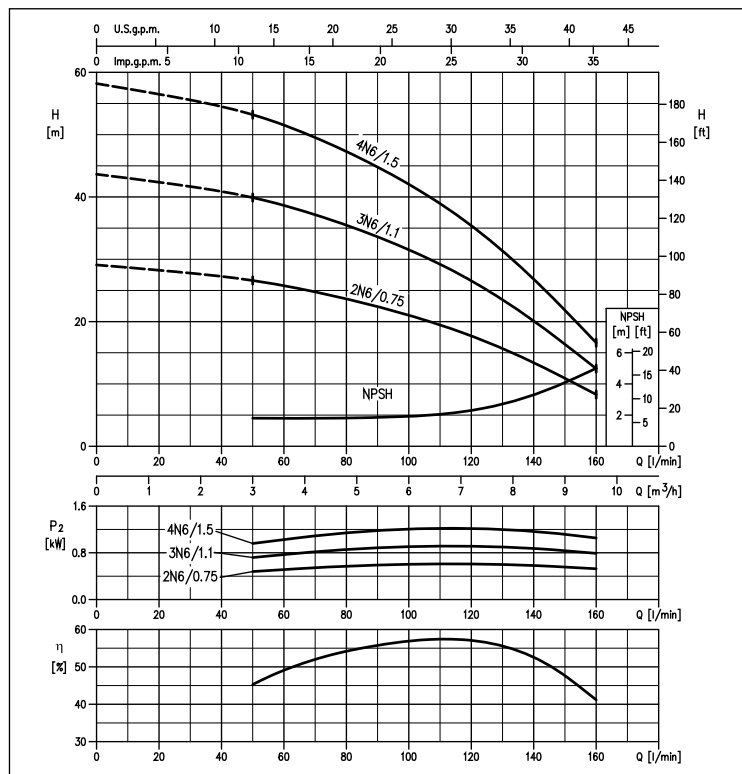


VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

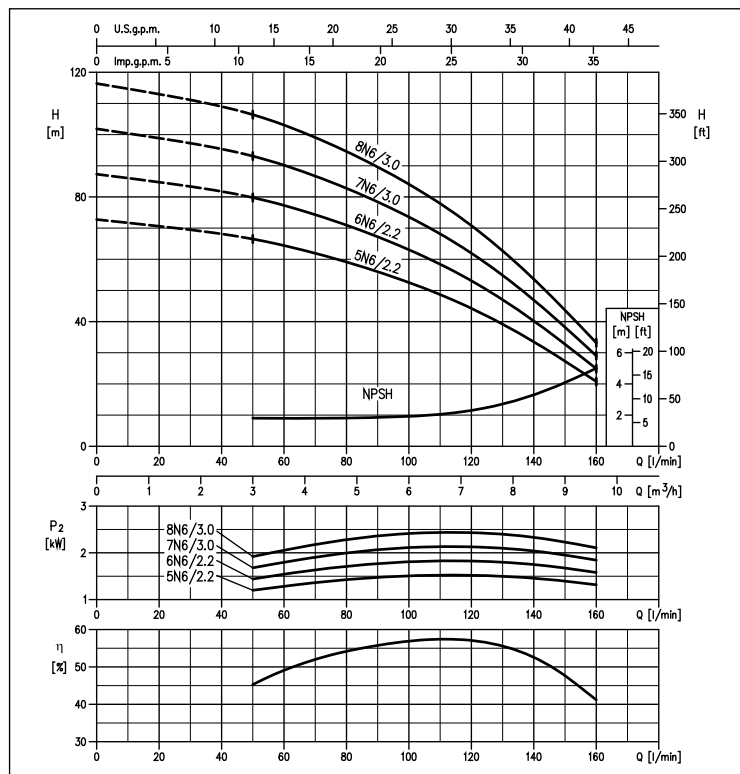
EVM(.) 5 range PERFORMANCE CURVES

IMPELLER DIAMETER: 95 mm



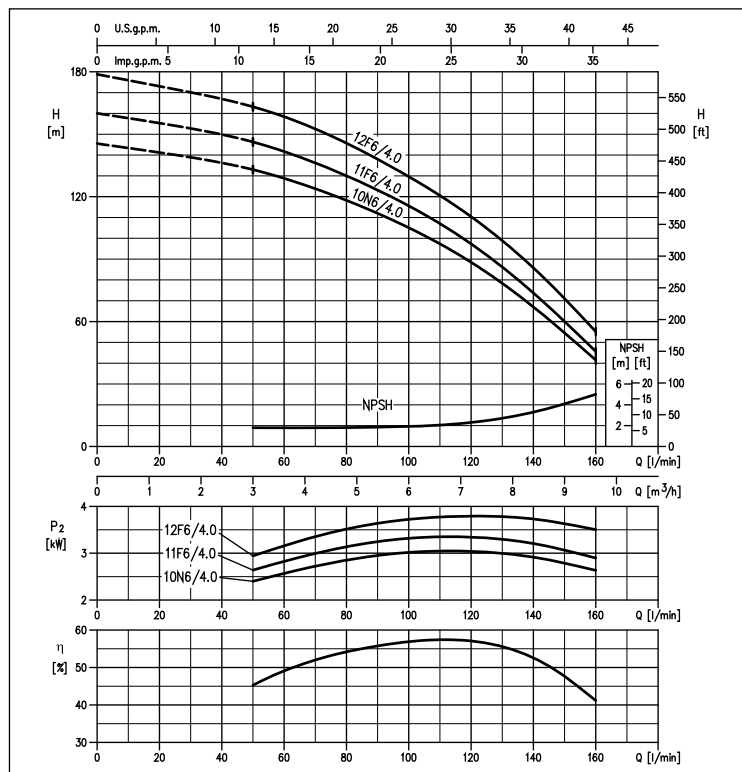
EVM(.) 5 range PERFORMANCE CURVES

IMPELLER DIAMETER: 95 mm



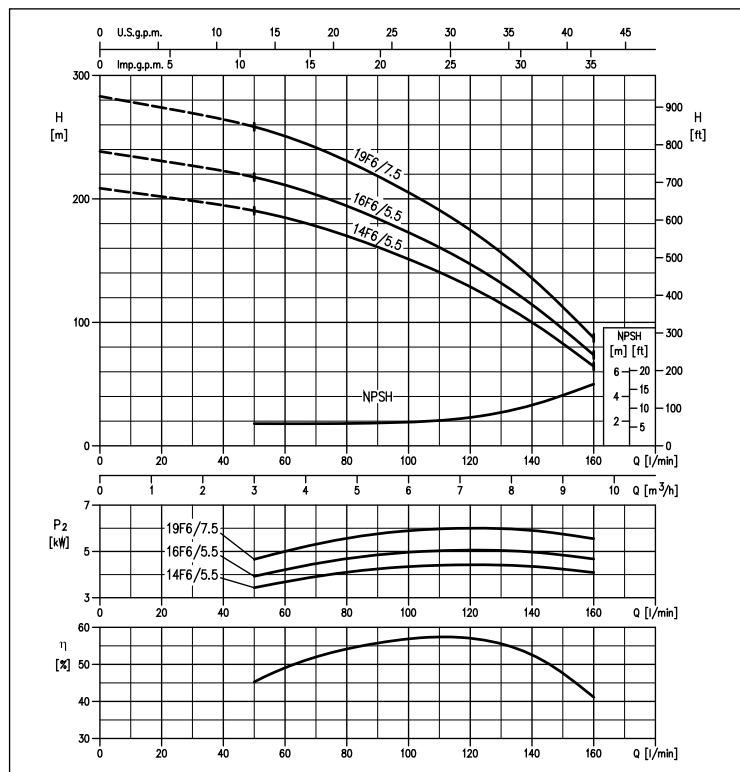
EVM(.) 5 range PERFORMANCE CURVES

IMPELLER DIAMETER: 95 mm



EVM(.) 5 range PERFORMANCE CURVES

IMPELLER DIAMETER: 95 mm

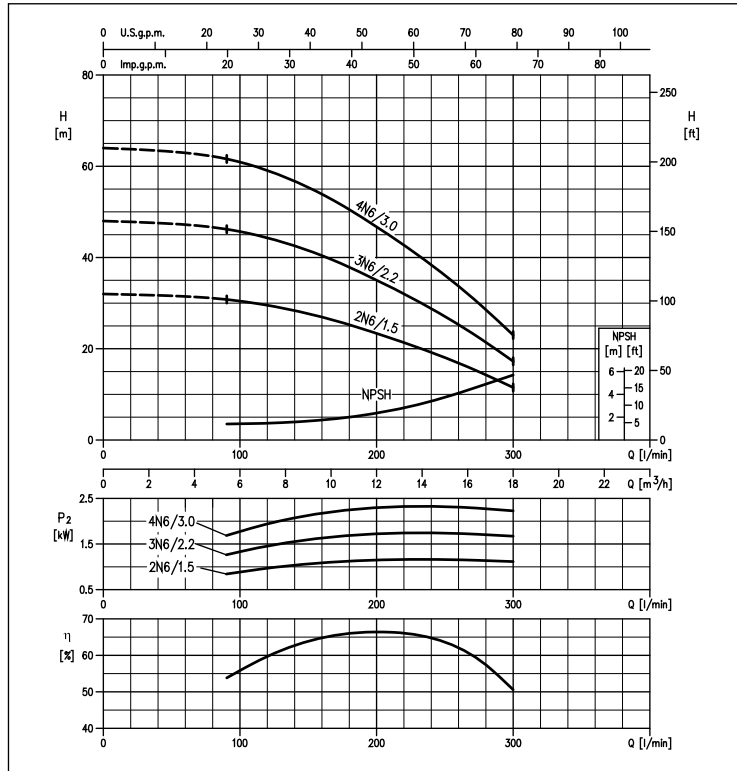


VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

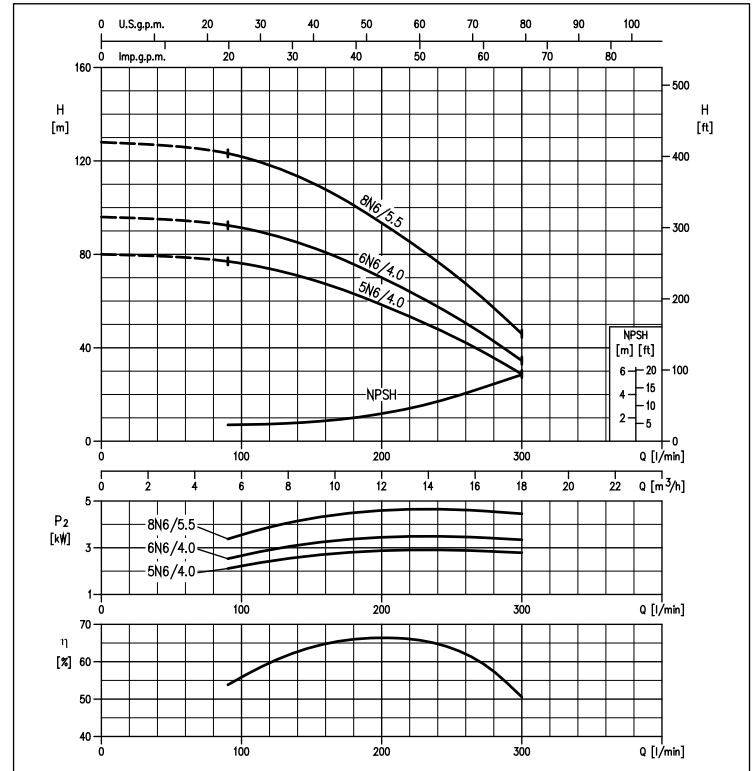
EVM(.) 10 range PERFORMANCE CURVES

IMPELLER DIAMETER: 96 mm



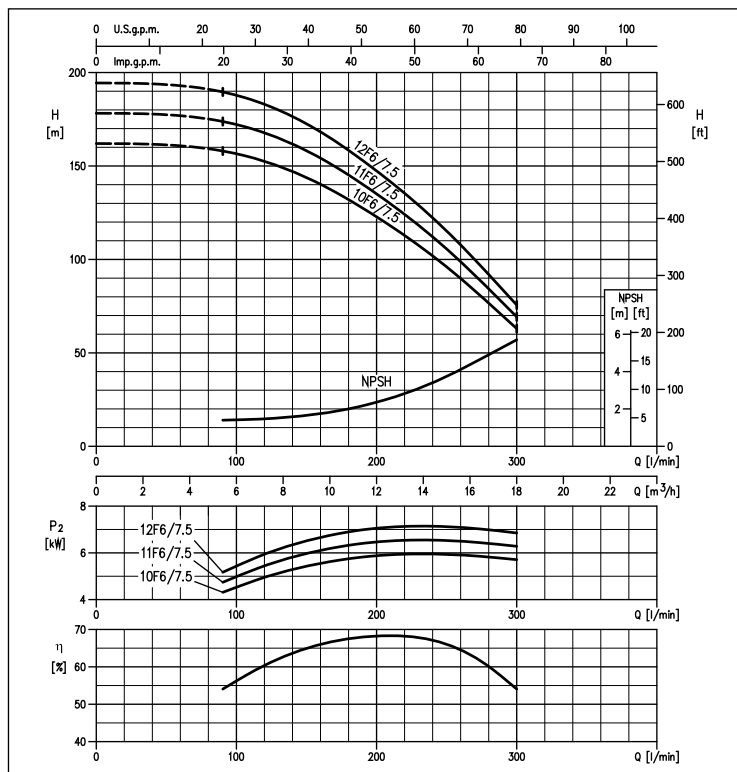
EVM(.) 10 range PERFORMANCE CURVES

IMPELLER DIAMETER: 96 mm



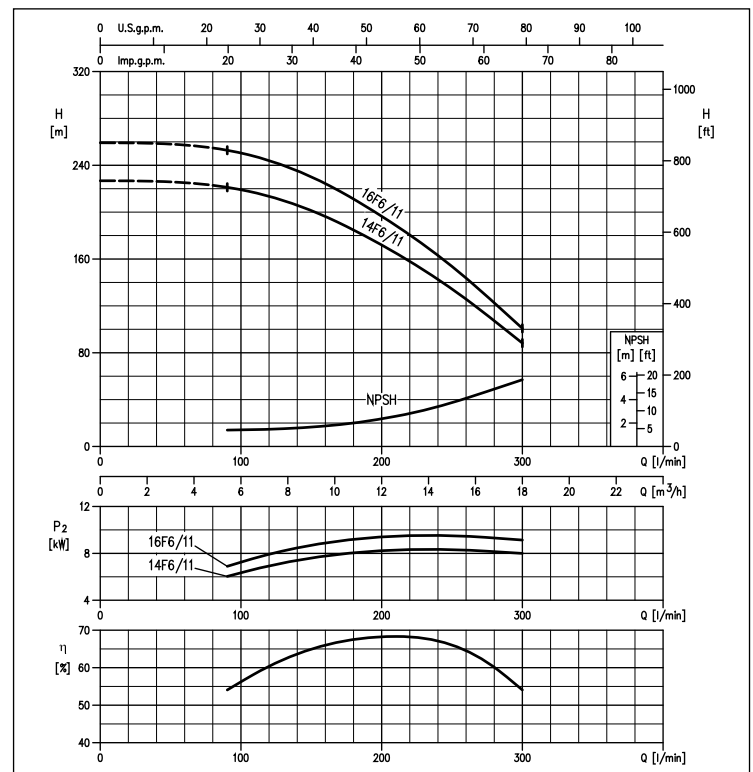
EVM(.) 10 range PERFORMANCE CURVES

IMPELLER DIAMETER: 96 mm



EVM(.) 10 range PERFORMANCE CURVES

IMPELLER DIAMETER: 96 mm

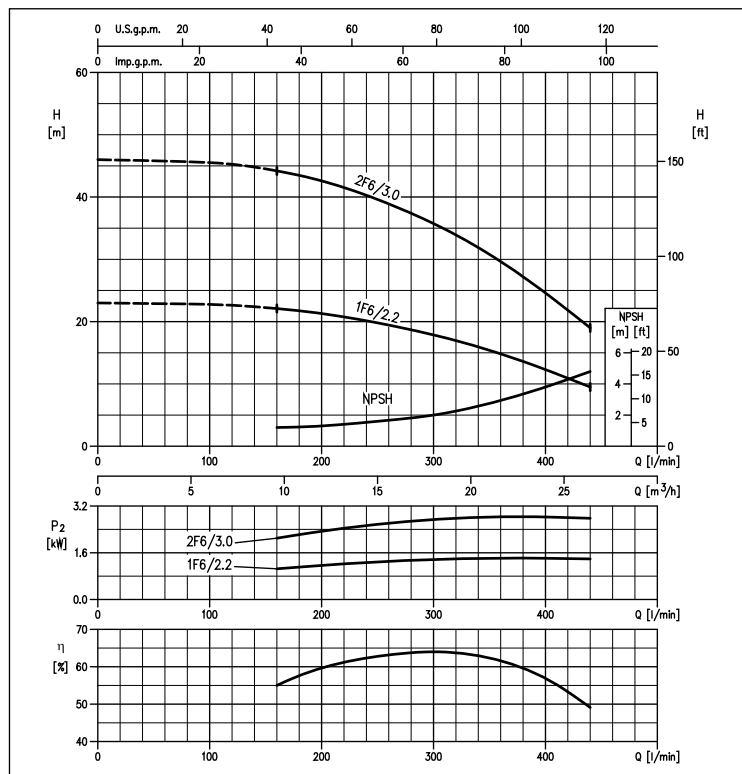


VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

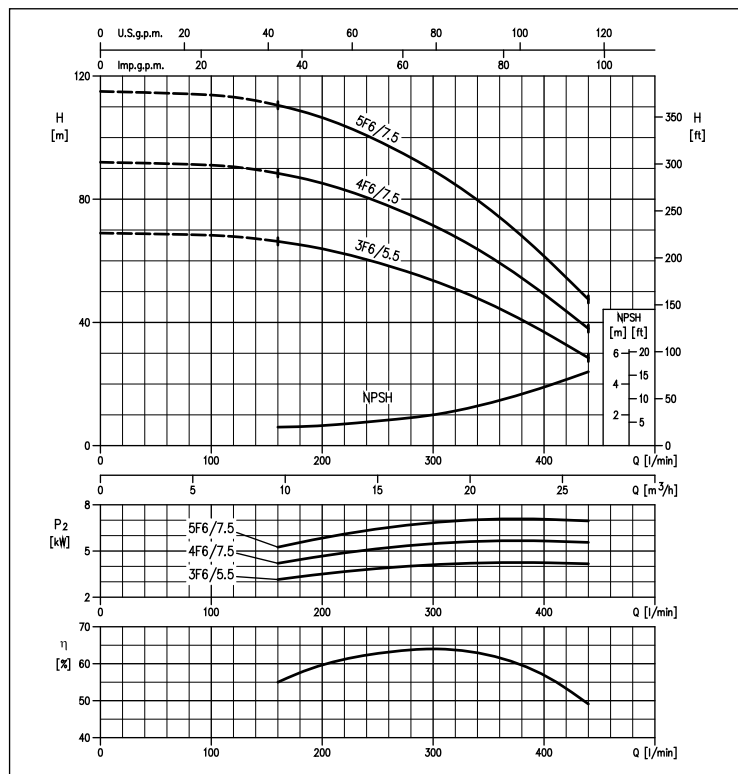
EVM(.) 18 range PERFORMANCE CURVES

IMPELLER DIAMETER: 115 mm



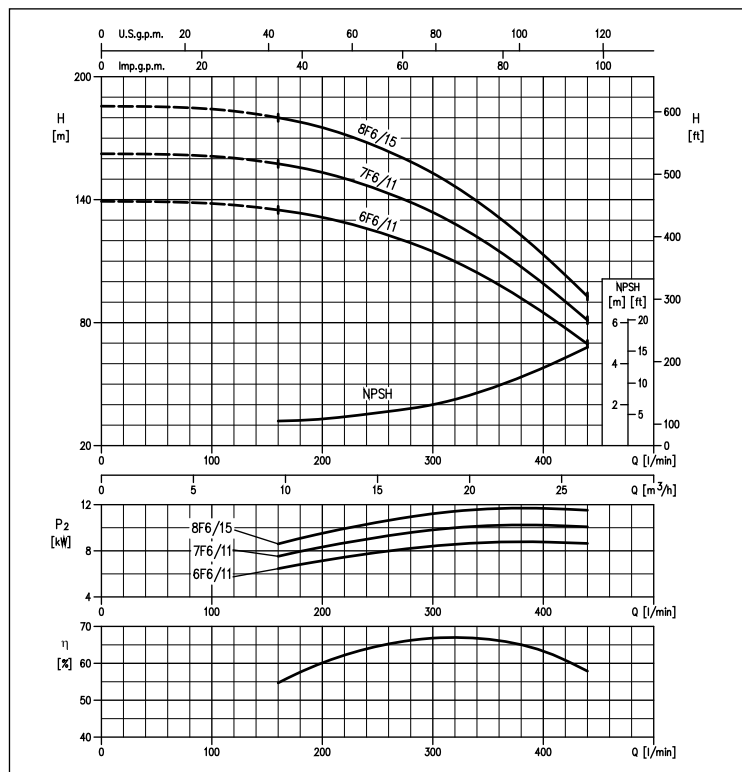
EVM(.) 18 range PERFORMANCE CURVES

IMPELLER DIAMETER: 115 mm



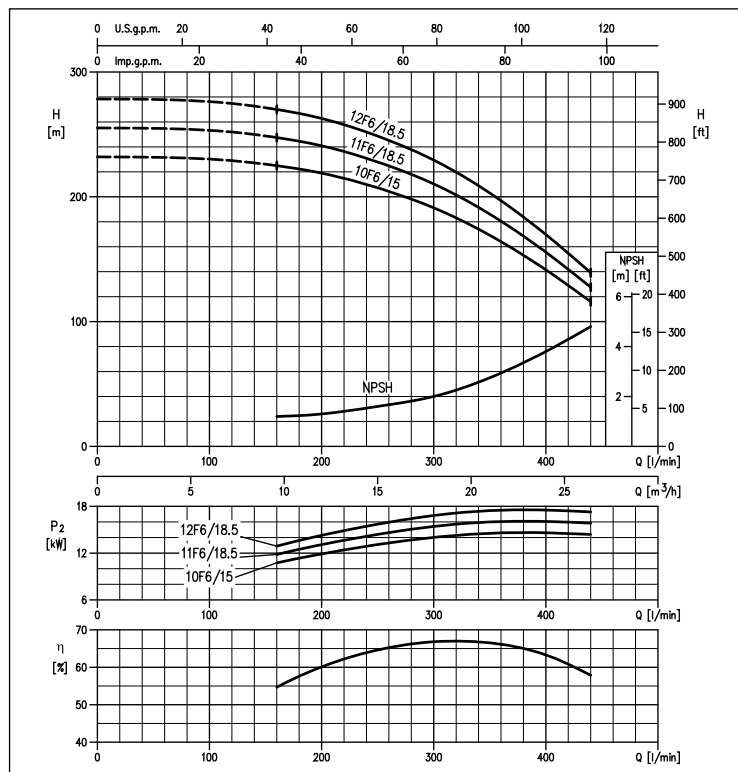
EVM(.) 18 range PERFORMANCE CURVES

IMPELLER DIAMETER: 115 mm



EVM(.) 18 range PERFORMANCE CURVES

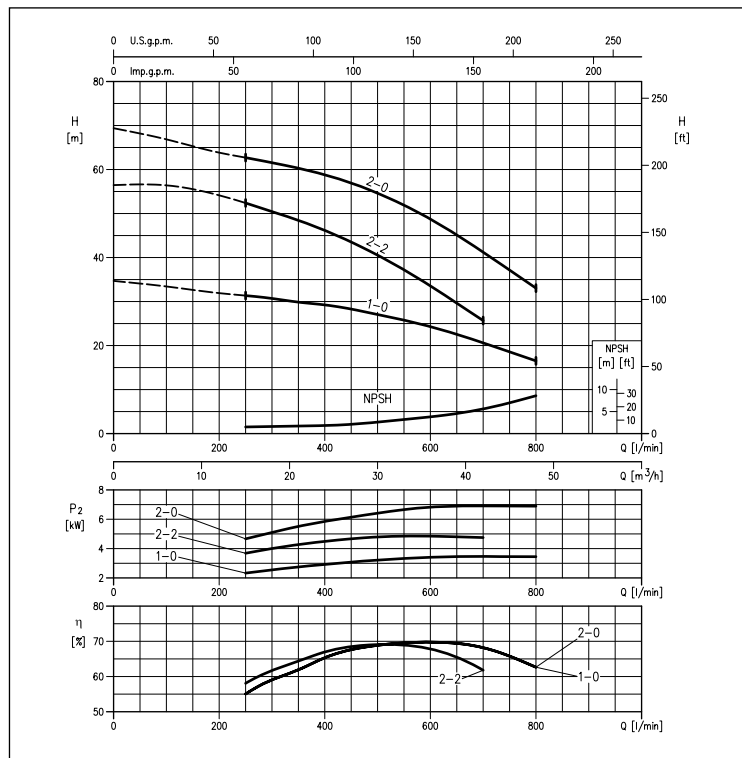
IMPELLER DIAMETER: 115 mm



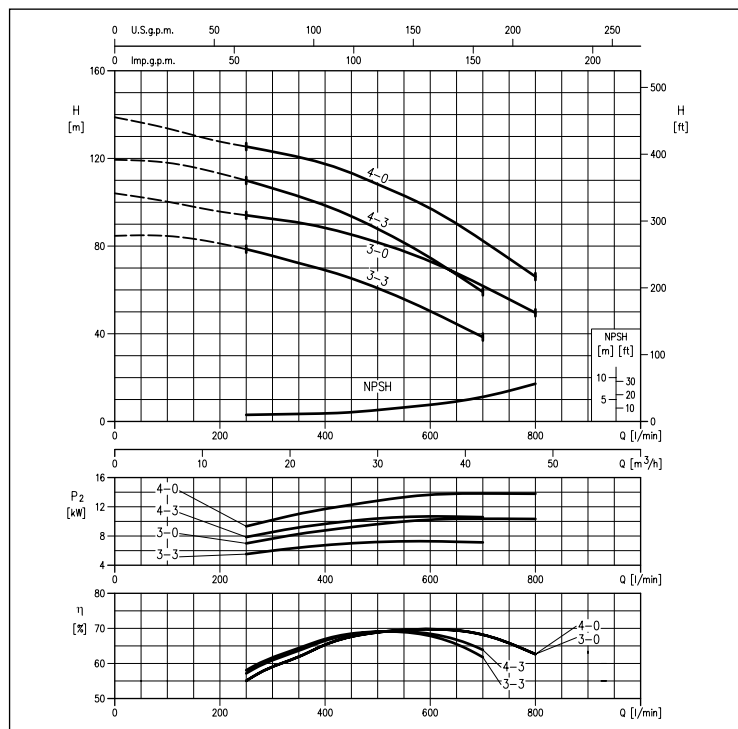
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

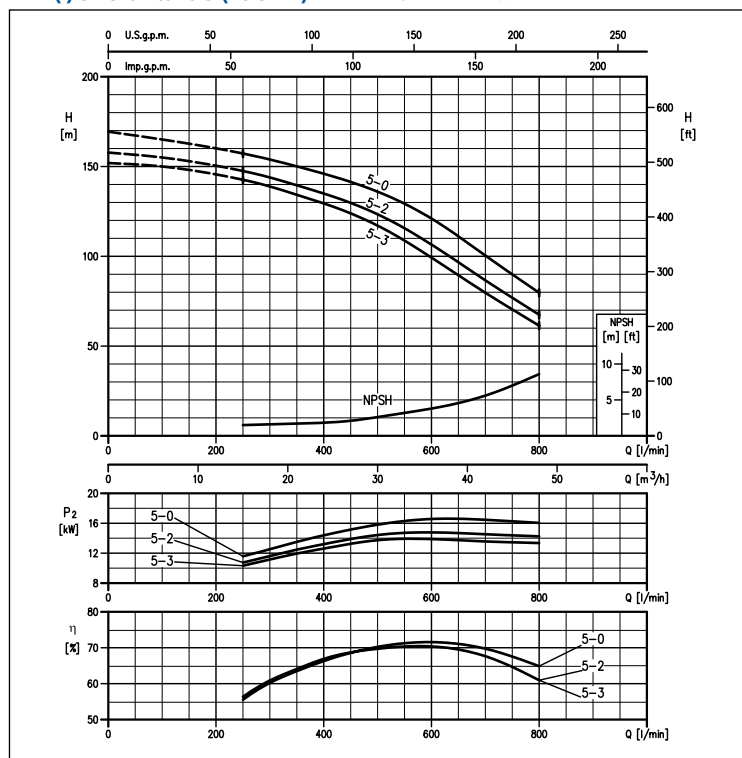
EVM(.) 32 1-0 F6/4.0 (4.0 kW) - n.1 IMPELLER DIAMETER: 136 mm
EVM(.) 32 2-2F6/5.5 (5.5 kW) - n.2 IMPELLERS DIAMETER: 125 mm
EVM(.) 32 2-0 F6/7.5 (7.5 kW) - n.2 IMPELLERS DIAMETER: 136 mm



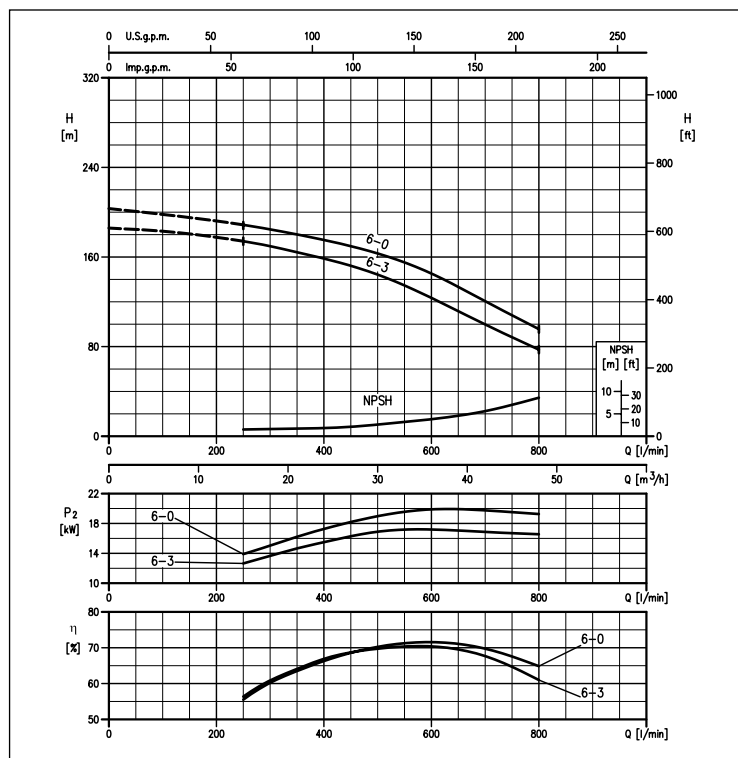
EVM(.) 32 3-3 F6/7.5 (7.5kW) - n.3 IMPELLERS DIAMETER: 125 mm
EVM(.) 32 3-0 F6/11 (11kW) - n.3 IMPELLERS DIAMETER: 136 mm
EVM(.) 32 4-3 F6/11 (11kW) - n.1 IMPELLER DIAMETER: 136 mm / n.3 IMPELLERS DIAMETER: 125 mm
EVM(.) 32 4-0 F6/15 (15kW) - n.4 IMPELLERS DIAMETER: 136 mm



EVM(.) 32 5-3 F6/15 (15kW) - n.2 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 5-2 F6/15 (15kW) - n.3 IMPELLERS DIAMETER = 136 mm / n.2 IMPELLER DIAMETER = 125 mm
EVM(.) 32 5-0 F6/18.5 (18.5kW) - n.5 IMPELLERS DIAMETER = 136 mm



EVM(.) 32 6-3 F6/18.5 (18.5kW) - n.3 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 6-0 F6/22 (22kW) - n.6 IMPELLERS DIAMETER = 136 mm

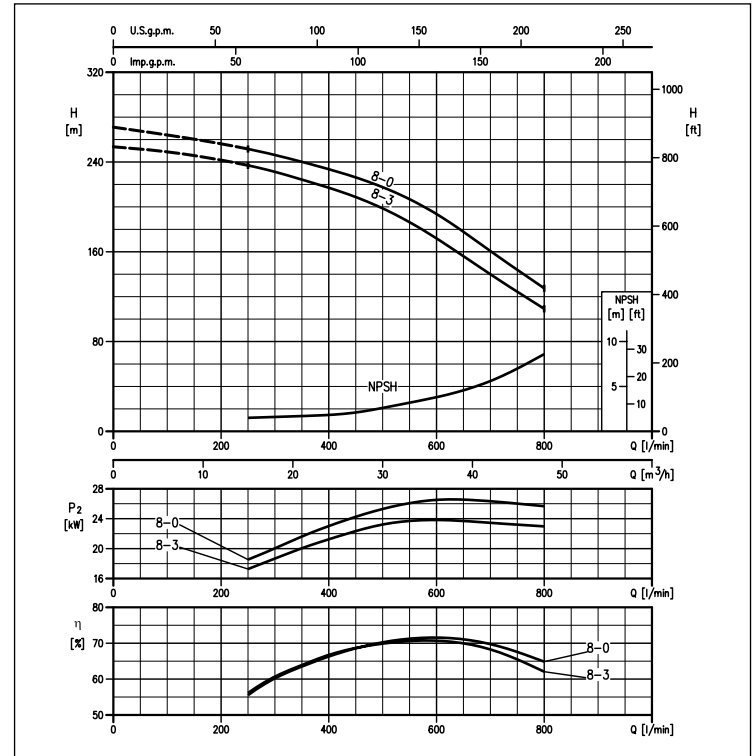
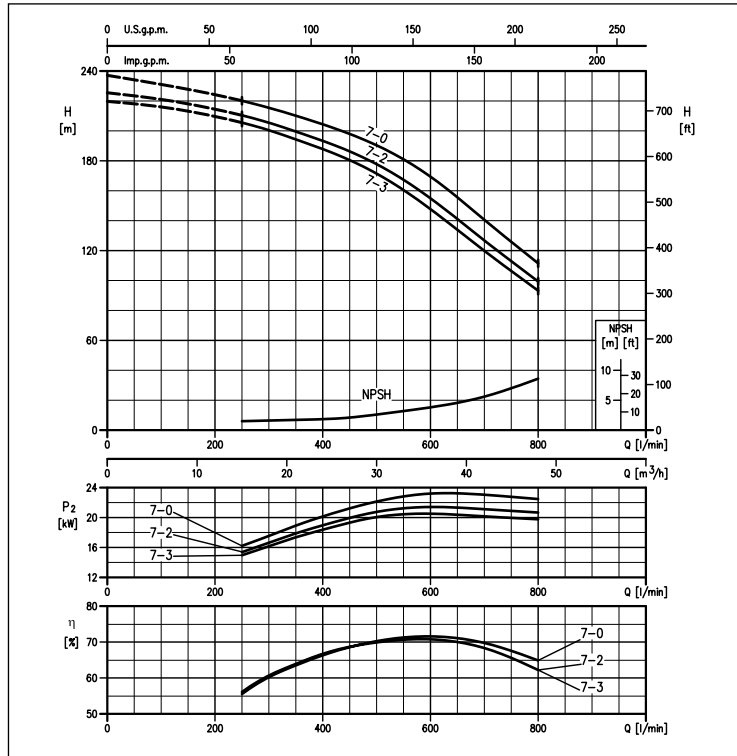


VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

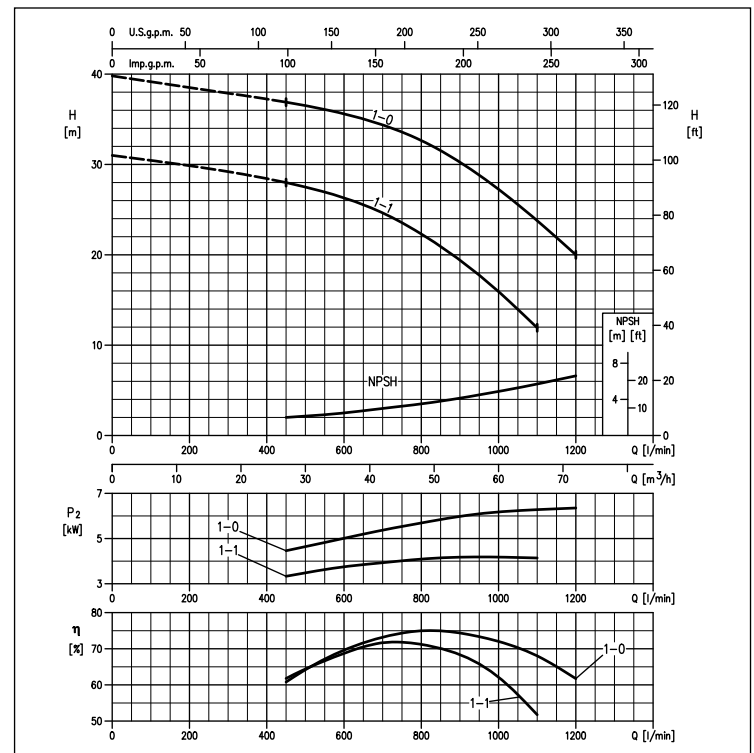
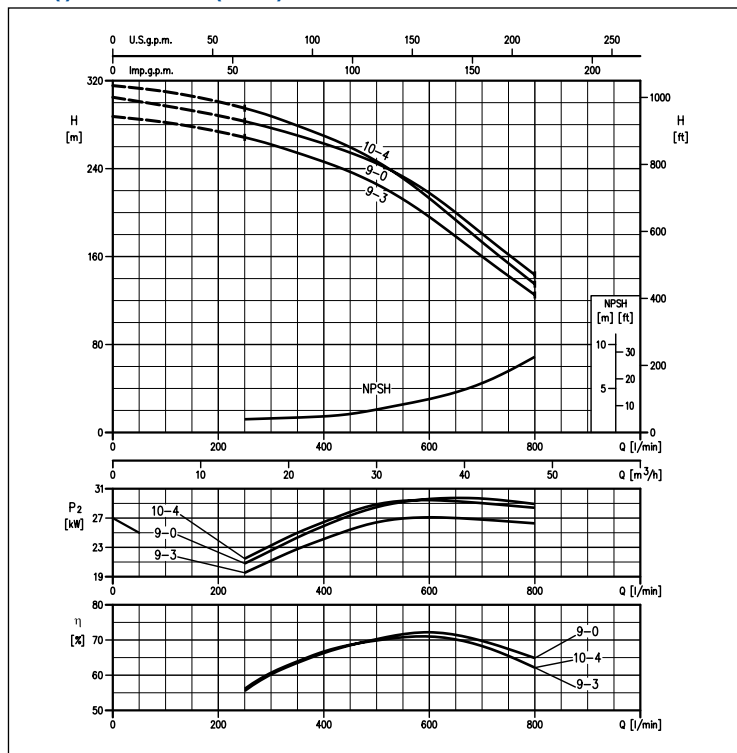
EVM(.) 32 7-3 F6/22 (22kW) - n.4 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 7-2 F6/22 (22kW) - n.5 IMPELLERS DIAMETER = 136 mm / n.2 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 7-0 F6/30 (30kW) - n.7 IMPELLERS DIAMETER = 136 mm

EVM(.) 32 8-3 F6/30 (30kW) - n. 5 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 8-0 F6/30 (30kW) - n. 8 IMPELLERS DIAMETER = 136 mm



EVM(.) 32 9-3 F6 30/(30kW) - n.6 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 9-0 F6 30/(30kW) - n.9 IMPELLERS DIAMETER = 136 mm
EVM(.) 32 10-4 F6 30/(30kW) - n.6 IMPELLERS DIAMETER = 136 mm / n.4 IMPELLERS DIAMETER = 125 mm

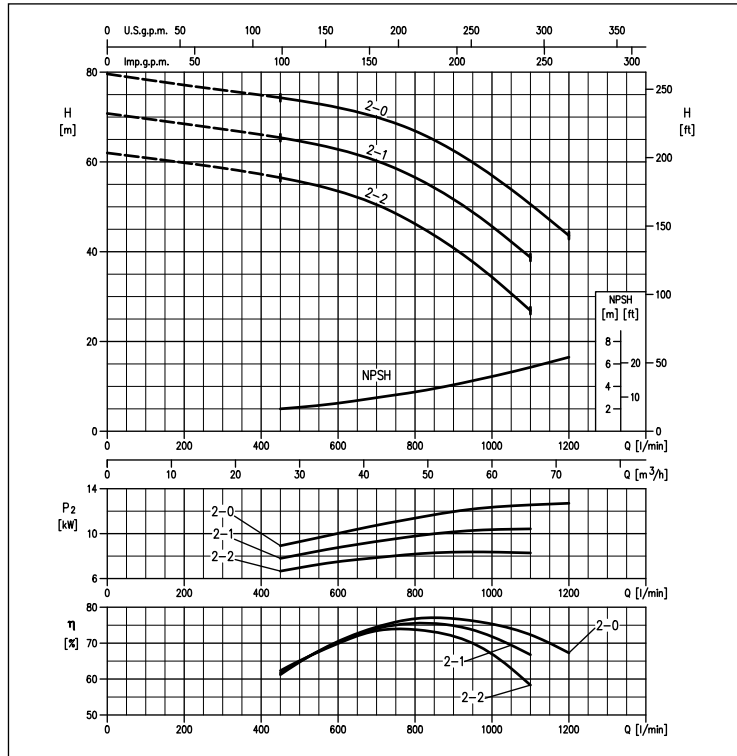
EVM(.) 45 1-1 F6/5.5 (5.5kW) - n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 1-0 F6/7.5 (7.5kW) - n.1 IMPELLER DIAMETER = 143 mm



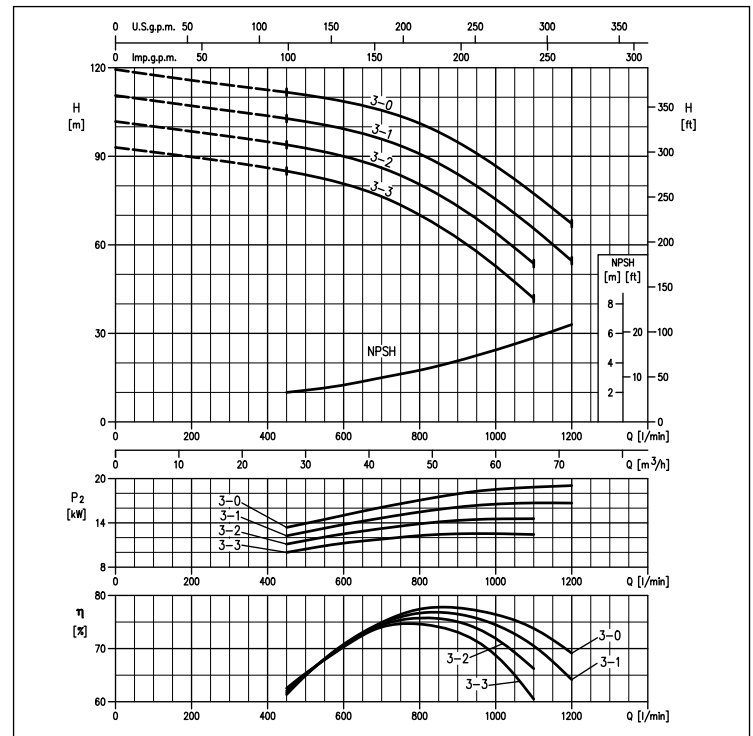
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

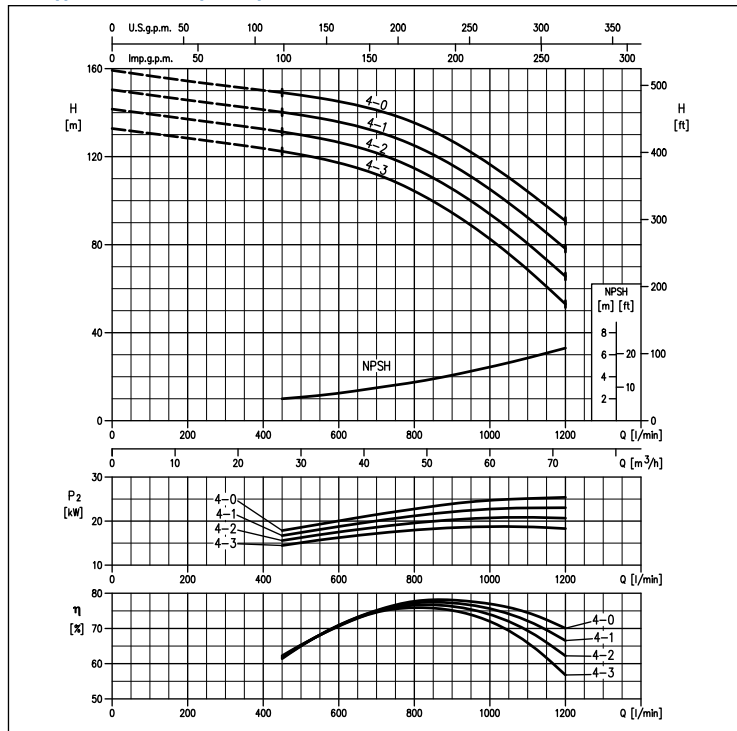
EVM(.) 45 2-2 F6/11 (11kW) - n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 2-1 F6/11 (11kW) - n.1 IMPELLER DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 2-0 F6/15 (15kW) - n.2 IMPELLERS DIAMETER = 143 mm



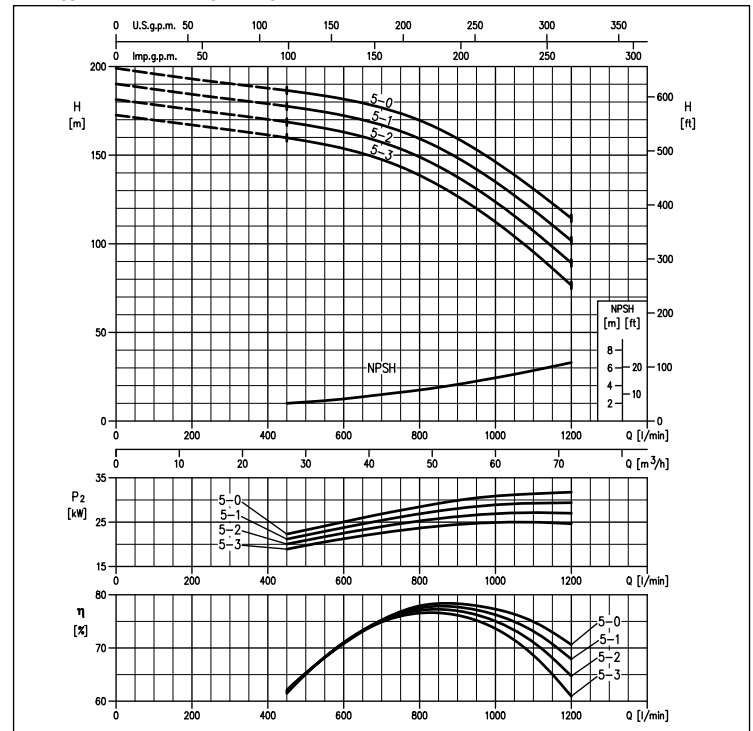
EVM(.) 45 3-3 F6/15 (15kW) - n.3 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 3-2 F6/15 (15kW) - n.1 IMPELLER DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 3-1 F6/18.5 (18.5kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 3-0 F6/22 (22kW) - n.3 IMPELLERS DIAMETER = 143 mm



EVM(.) 45 4-3 F6/18.5 (18.5kW) - n.1 IMPELLER DIAMETER = 143 mm / n.3 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 4-2 F6/22 (22kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 4-1 F6/30 (30kW) - n.3 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 4-0 F6/30 (30kW) - n.4 IMPELLERS DIAMETER = 143 mm



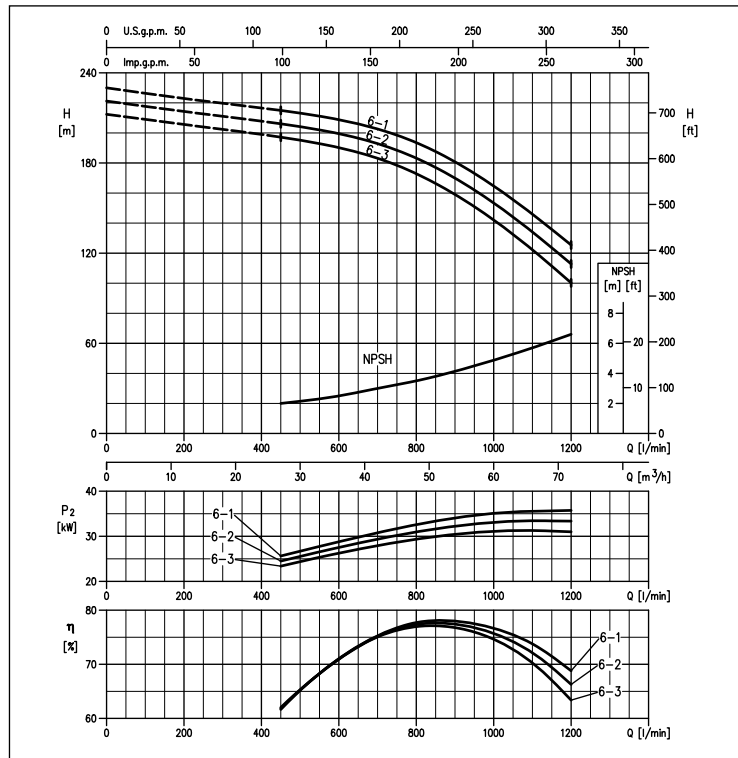
EVM(.) 45 5-3 F6/30 (30kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.3 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 5-2 F6/30 (30kW) - n.3 IMPELLERS DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 5-1 F6/30 (30kW) - n.4 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 5-0 F6/37 (37kW) - n.5 IMPELLERS DIAMETER = 143 mm



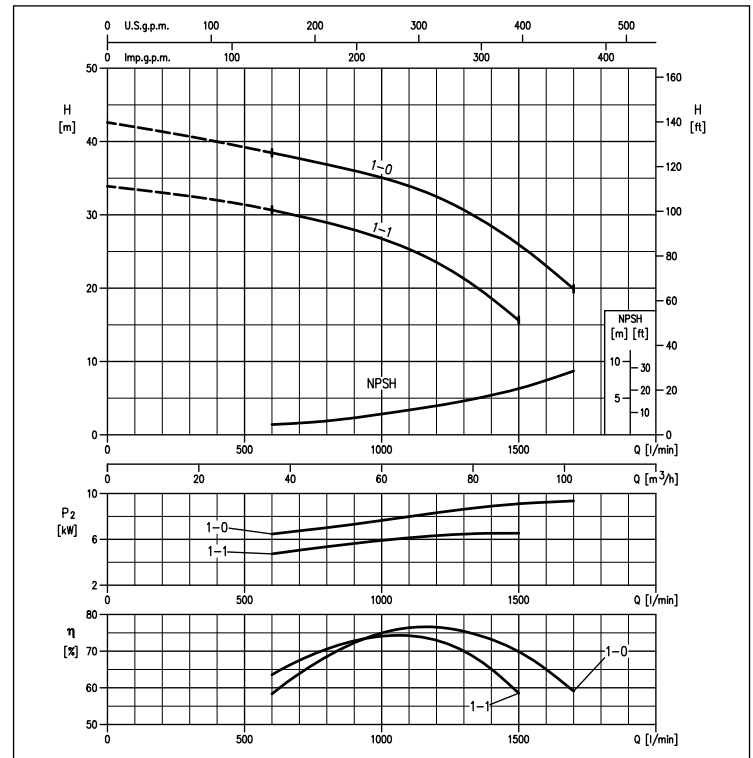
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

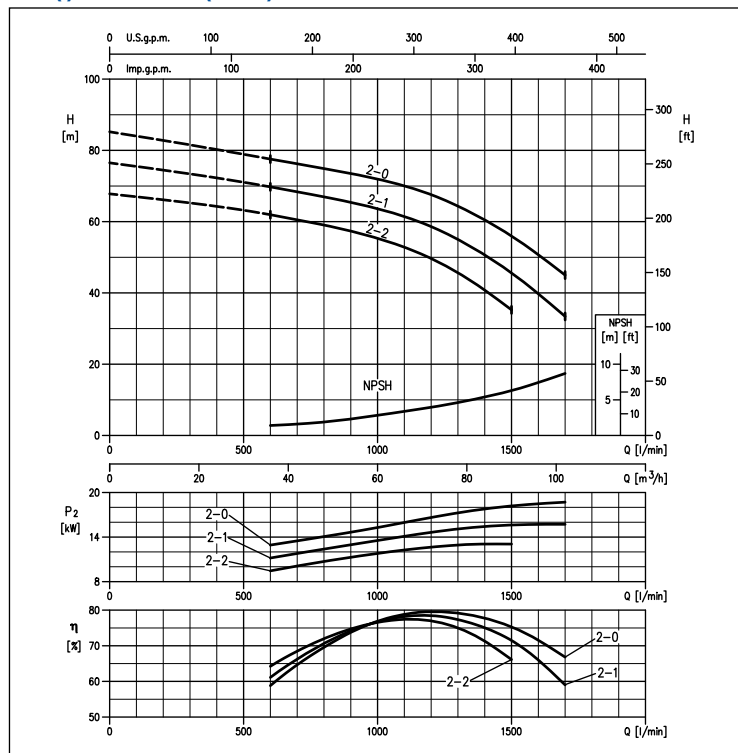
EVM(.) 45 6-3 F6/37 (37kW) - n. 3 IMPELLERS DIAMETER = 143 mm / n.3 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 6-2 F6/37 (37kW) - n. 4 IMPELLERS DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 6-1 F6/37 (37kW) - n. 5 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm



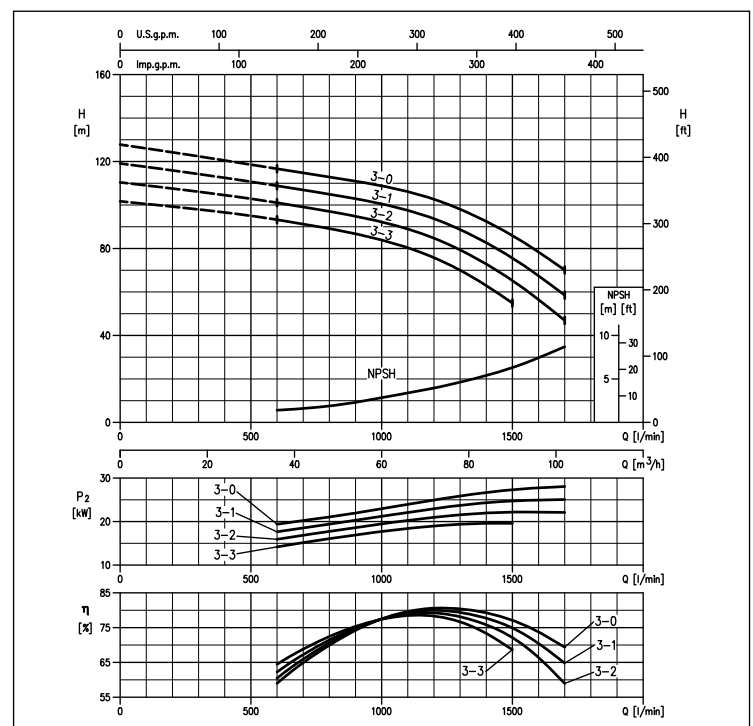
EVM(.) 64 1-1 F6/7.5 (7.5kW) - n.1 IMPELLER DIAMETER = 131 mm
EVM(.) 64 1-0 F6/11 (11kW) - n.1 IMPELLER DIAMETER = 143 mm



EVM(.) 64 2-2 F6/15 (15kW) - n.2 IMPELLERS DIAMETER = 131 mm
EVM(.) 64 2-1 F6/18.5 (18.5kW) - n.1 IMPELLER DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 131mm
EVM(.) 64 2-0 F6/22 (22kW) - n.2 IMPELLERS DIAMETER = 143 mm



EVM(.) 64 3-3 F6/22 (22kW) - n.3 IMPELLERS DIAMETER = 131 mm
EVM(.) 64 3-2 F6/30 (30kW) - n.1 IMPELLER DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 131 mm
EVM(.) 64 3-1 F6/30 (30kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 131 mm
EVM(.) 64 3-0 F6/30 (30kW) - n.3 IMPELLERS DIAMETER = 143 mm



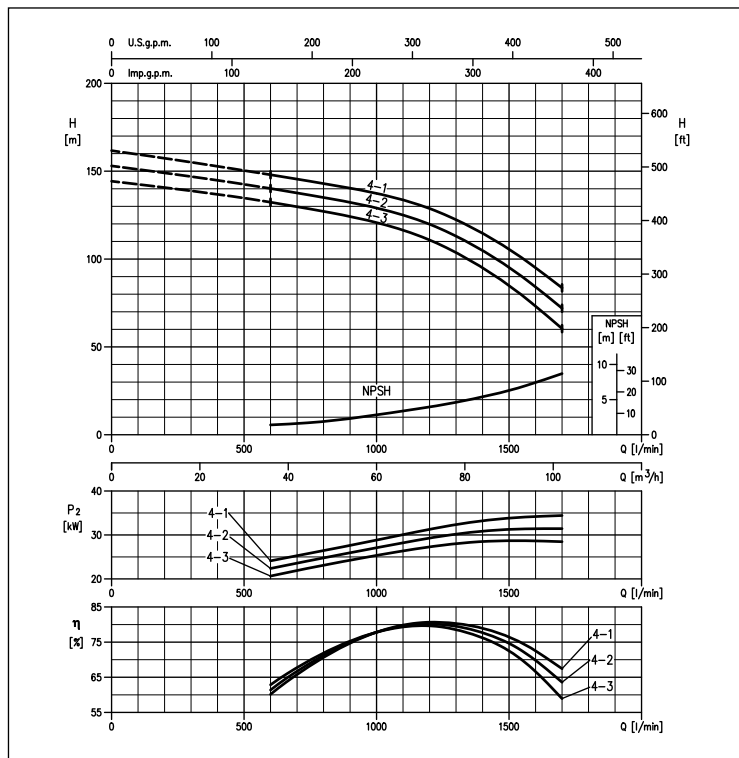
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM(.) 64 4-3 F6/30 (30kW) - n.1 IMPELLER DIAMETER = 143 mm / n.3 IMPELLERS DIAMETER = 131mm

EVM(.) 64 4-2 F6/37 (37kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 131mm

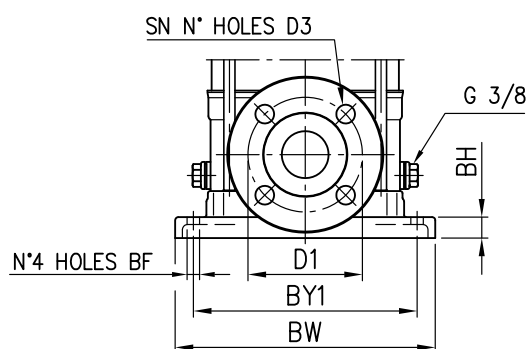
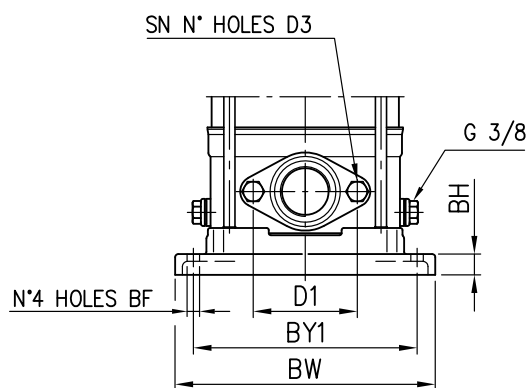
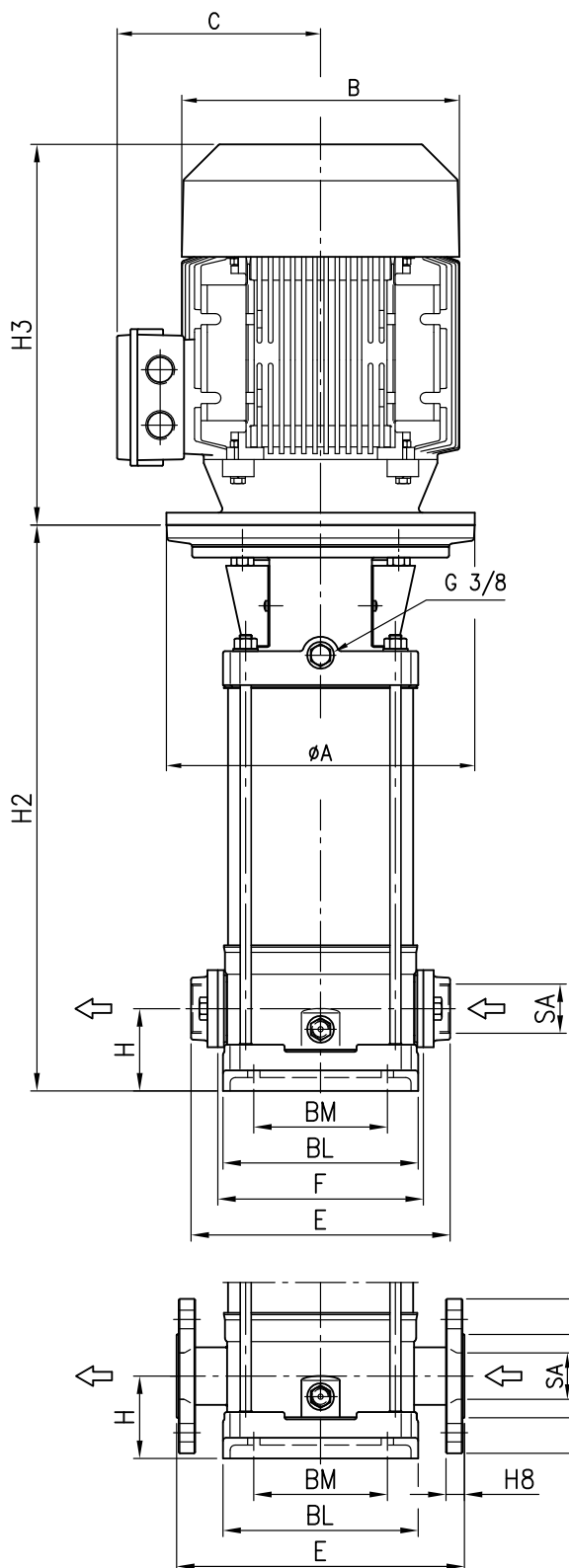
EVM(.) 64 4-1 F6/37 (37kW) - n.3 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 131mm



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 3-18 DIMENSIONS



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 3-18 DIMENSIONAL TABLE

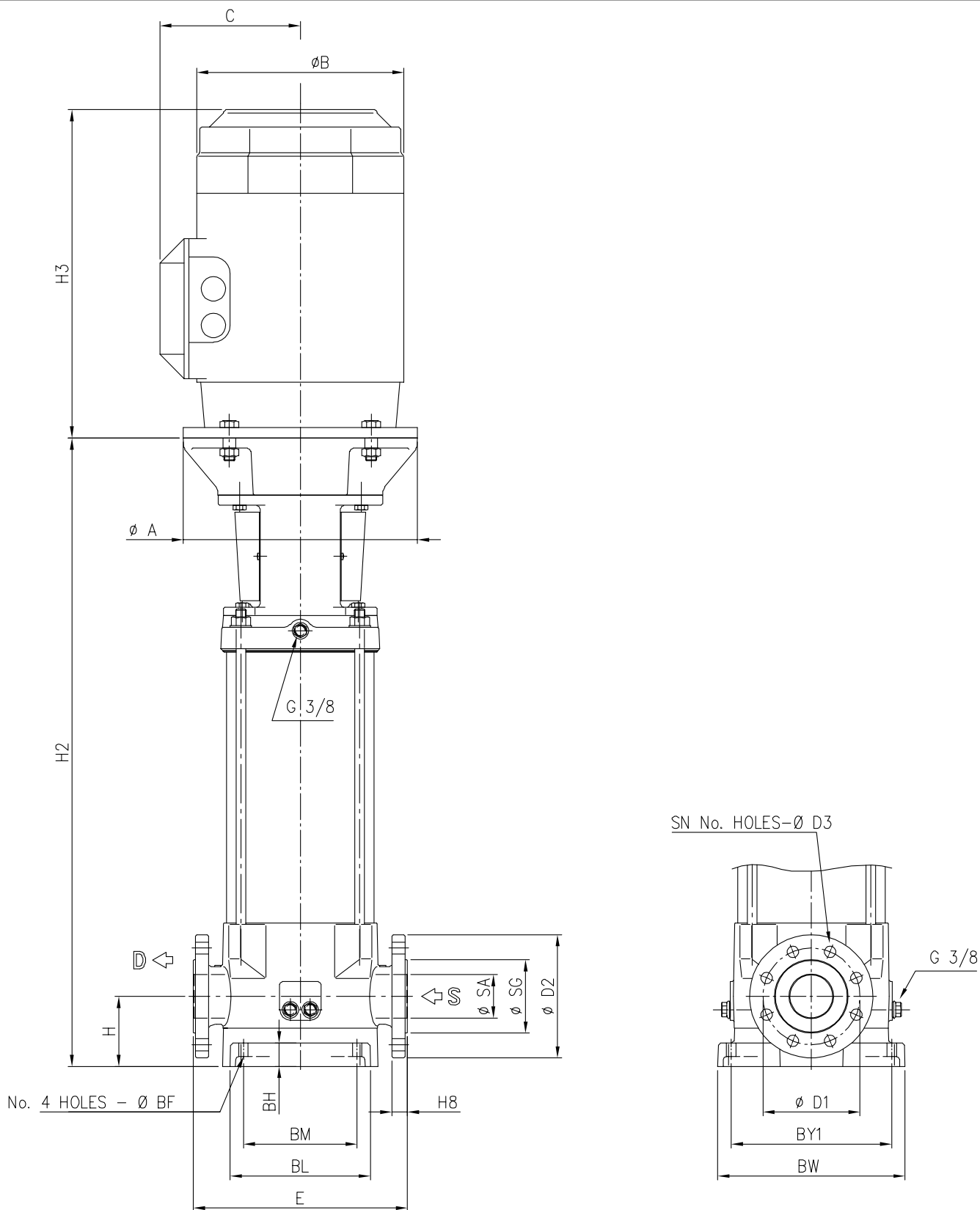
MODEL	P. max. [MPa]	Mec Mot.	Dimensions [mm]																				
			H	H2	H3	F	E	B	C	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A
EVM(.) 3 2N6/0.37	1,6	71	50	241	215	160	206	142	114	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø105
EVM(.) 3 3N6/0.55	1,6	71	50	262	215	160	206	142	114	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø105
EVM(.) 3 4N6/0.75	1,6	80	50	293	232	160	206	160	139	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120
EVM(.) 3 5N6 1.1	1,6	80	50	314	232	160	206	160	139	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120
EVM(.) 3 6N6/1.1	1,6	80	50	335	232	160	206	160	139	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120
EVM(.) 3 7N6/1.5	1,6	90 S	50	366	267	160	206	180	148	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø140
EVM(.) 3 8N6/1.5	1,6	90 S	50	387	267	160	206	180	148	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø140
EVM(.) 3 9N6/2.2	1,6	90 L	50	408	267	160	206	180	148	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø140
EVM(.) 3 11F6/2.2	2,5	90 L	75	475	267	-	250	180	148	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø140
EVM(.) 3 12F6/2.2	2,5	90 L	75	496	267	-	250	180	148	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø140
EVM(.) 3 13F6/3.0	2,5	100 L	75	537	306	-	250	196	155	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø160
EVM(.) 3 15F6/3.0	2,5	100 L	75	579	306	-	250	196	155	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø160
EVM(.) 3 18F6/4.0	2,5	112 M	75	642	306	-	250	196	155	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø160
EVM(.) 5 2N6/0.75	1,6	80	50	265	232	160	206	160	139	100	149	180	210	G 1" 1/4	-	75	-	-	2	M10	Ø12	20	Ø120
EVM(.) 5 3N6/1.1	1,6	80	50	293	232	160	206	160	139	100	149	180	210	G 1" 1/4	-	75	-	-	2	M10	Ø12	20	Ø120
EVM(.) 5 4N6/1.5	1,6	90 S	50	331	267	160	206	180	148	100	149	180	210	G 1" 1/4	-	75	-	-	2	M10	Ø12	20	Ø140
EVM(.) 5 5N6/2.2	1,6	90 L	50	359	267	160	206	180	148	100	149	180	210	G 1" 1/4	-	75	-	-	2	M10	Ø12	20	Ø140
EVM(.) 5 6N6/2.2	1,6	90 L	50	387	267	160	206	180	148	100	149	180	210	G 1" 1/4	-	75	-	-	2	M10	Ø12	20	Ø140
EVM(.) 5 7N6/3.0	1,6	100 L	50	435	306	160	206	196	155	100	149	180	210	G 1" 1/4	-	75	-	-	2	M10	Ø12	20	Ø160
EVM(.) 5 8N6/3.0	1,6	100 L	50	463	306	160	206	196	155	100	149	180	210	G 1" 1/4	-	75	-	-	2	M10	Ø12	20	Ø160
EVM(.) 5 10N6/4.0	1,6	112 M	50	519	306	160	206	196	155	100	149	180	210	G 1" 1/4	-	75	-	-	2	M10	Ø12	20	Ø160
EVM(.) 5 11F6/4.0	2,5	112 M	75	572	306	-	250	196	155	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160
EVM(.) 5 12F6/4.0	2,5	112 M	75	600	306	-	250	196	155	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160
EVM(.) 5 14F6/5.5	2,5	132 S	75	667	328	-	250	220	161	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø300
EVM(.) 5 16F6/5.5	2,5	132 S	75	723	328	-	250	220	161	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø300
EVM(.) 5 19F6/7.5	2,5	132 S	75	807	328	-	250	220	161	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø300
EVM(.) 10 2N6/1.5	1,6	90 S	80	343	267	200	252	180	148	130	190	215	250	G 1" 1/2	-	100	-	-	2	M12	Ø12	20	Ø140
EVM(.) 10 3N6/2.2	1,6	90 L	80	373	267	200	252	180	148	130	190	215	250	G 1" 1/2	-	100	-	-	2	M12	Ø12	20	Ø140
EVM(.) 10 4N6/3.0	1,6	100 L	80	423	306	200	252	196	155	130	190	215	250	G 1" 1/2	-	100	-	-	2	M12	Ø12	20	Ø160
EVM(.) 10 5N6/4.0	1,6	112 M	80	453	306	200	252	196	155	130	190	215	250	G 1" 1/2	-	100	-	-	2	M12	Ø12	20	Ø160
EVM(.) 10 6N6/4.0	1,6	112 M	80	483	306	200	252	196	155	130	190	215	250	G 1" 1/2	-	100	-	-	2	M12	Ø12	20	Ø160
EVM(.) 10 8N6/5.5	1,6	132 S	80	554	328	200	252	220	161	130	190	215	250	G 1" 1/2	-	100	-	-	2	M12	Ø12	20	Ø300
EVM(.) 10 10F6/7.5	2,5	132 S	80	614	328	-	280	220	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300
EVM(.) 10 11F6/7.5	2,5	132 S	80	644	328	-	280	220	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300
EVM(.) 10 12F6/7.5	2,5	132 S	80	674	328	-	280	220	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300
EVM(.) 10 14F6/11	2,5	160 M	80	764	403	-	280	248	195	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø350
EVM(.) 10 16F6/11	2,5	160 M	80	824	403	-	280	248	195	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø350
EVM(.) 18 1F6/2.2	1,6	90 L	90	373	267	-	300	180	148	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø140
EVM(.) 18 2F6/3.0	1,6	100 L	90	383	306	-	300	196	155	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø160
EVM(.) 18 3F6/5.5	1,6	132 S	90	444	328	-	300	220	161	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø300
EVM(.) 18 4F6/7.5	1,6	132 S	90	484	328	-	300	220	161	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø300
EVM(.) 18 5F6/7.5	1,6	132 S	90	524	328	-	300	220	161	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø300
EVM(.) 18 6F6/11	1,6	160 M	90	594	403	-	300	248	195	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350
EVM(.) 18 7F6/11	2,5	160 M	90	634	403	-	300	248	195	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350
EVM(.) 18 8F6/15	2,5	160 M	90	674	498	-	300	317	238	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350
EVM(.) 18 10F6/15	2,5	160 M	90	754	498	-	300	317	238	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350
EVM(.) 18 11F6/18.5	2,5	160 L	90	794	542	-	300	317	238	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350
EVM(.) 18 12F6/18.5	2,5	160 L	90	834	542	-	300	317	238	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350

1,6 MPa= 16 bar
2,5 MPa= 25 bar

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 32-64 DIMENSIONS



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 32-64 DIMENSIONAL TABLE

MODEL	P. max. [MPa]	Mec Mot.	Dimensions [mm]																			
			H	H2	H3	E	B	C	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A
EVM(.) 32 1-0F6/4,0	1,6	112 M	105	503	306	320	196	155	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	160
EVM(.) 32 2-2F6/5,5	1,6	132 S	105	524	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300
EVM(.) 32 2-0F6/7,5	1,6	132 S	105	524	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300
EVM(.) 32 3-3F6/7,5	1,6	132 S	105	572	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300
EVM(.) 32 3-0F6/11	1,6	160 M	105	703	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM(.) 32 4-3F6/11	1,6	160 M	105	751	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM(.) 32 4-0F6/15	1,6	160 M	105	751	498	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM(.) 32 5-3F6/15	1,6	160 M	105	799	498	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM(.) 32 5-2F6/15	1,6	160 M	105	799	498	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM(.) 32 5-0F6/18,5	1,6	160 L	105	799	542	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM(.) 32 6-3F6/18,5	2,5	160 L	105	847	542	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM(.) 32 6-0F6/22	2,5	180 M	105	847	577	320	360	268	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM(.) 32 7-3F6/22	2,5	180 M	105	895	577	320	360	268	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM(.) 32 7-2F6/22	2,5	180 M	105	895	577	320	360	268	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM(.) 32 7-0F6/30	2,5	200 L	105	910	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM(.) 32 8-3F6/30	2,5	200 L	105	958	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM(.) 32 8-0F6/30	3,0	200 L	105	958	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM(.) 32 9-3F6/30	3,0	200 L	105	1006	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM(.) 32 9-0F6/30	3,0	200 L	105	1006	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM(.) 32 10-4F6/30	3,0	200 L	105	1054	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM(.) 45 1-1F6/5,5	1,6	132 S	140	546	328	365	220	161	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	300
EVM(.) 45 1-0F6/7,5	1,6	132 S	140	546	328	365	220	161	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	300
EVM(.) 45 2-2F6/11	1,6	160 M	140	749	403	365	248	195	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 2-1F6/11	1,6	160 M	140	749	403	365	248	195	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 2-0F6/15	1,6	160 M	140	749	498	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 3-3F6/15	1,6	160 M	140	822	498	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 3-2F6/15	1,6	160 M	140	822	498	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 3-1F6/18,5	1,6	160 L	140	822	542	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 3-0F6/22	1,6	180 M	140	822	577	365	360	268	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 4-3F6/18,5	1,6	160 L	140	894	542	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 4-2F6/22	1,6	180 M	140	894	577	365	360	268	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM(.) 45 4-1F6/30	1,6	200 L	140	909	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 45 4-0F6/30	1,6	200 L	140	909	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 45 5-3F6/30	2,5	200 L	140	981	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 45 5-2F6/30	2,5	200 L	140	981	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 45 5-1F6/30	2,5	200 L	140	981	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 45 5-0F6/37	2,5	200 L	140	981	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 45 6-3F6/37	2,5	200 L	140	1053	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 45 6-2F6/37	2,5	200 L	140	1053	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 45 6-1F6/37	2,5	200 L	140	1053	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM(.) 64 1-1F6/7,5	1,6	132 S	140	546	328	365	220	161	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	300
EVM(.) 64 1-0F6/11	1,6	160 M	140	677	403	365	248	195	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM(.) 64 2-2F6/15	1,6	160 M	140	749	498	365	317	238	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM(.) 64 2-1F6/18,5	1,6	160 L	140	749	542	365	317	238	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM(.) 64 2-0F6/22	1,6	180 M	140	749	577	365	360	268	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM(.) 64 3-3F6/22	1,6	180 M	140	821	577	365	360	268	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM(.) 64 3-2F6/30	1,6	200 L	140	837	658	365	399	300	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400
EVM(.) 64 3-1F6/30	1,6	200 L	140	837	658	365	399	300	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400
EVM(.) 64 3-0F6/30	1,6	200 L	140	837	658	365	399	300	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400
EVM(.) 64 4-3F6/30	1,6	200 L	140	909	658	365	399	300	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400
EVM(.) 64 4-2F6/37	1,6	200 L	140	909	658	365	399	300	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400
EVM(.) 64 4-1F6/37	1,6	200 L	140	909	658	365	399	300	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400

1,6 MPa= 16 bar

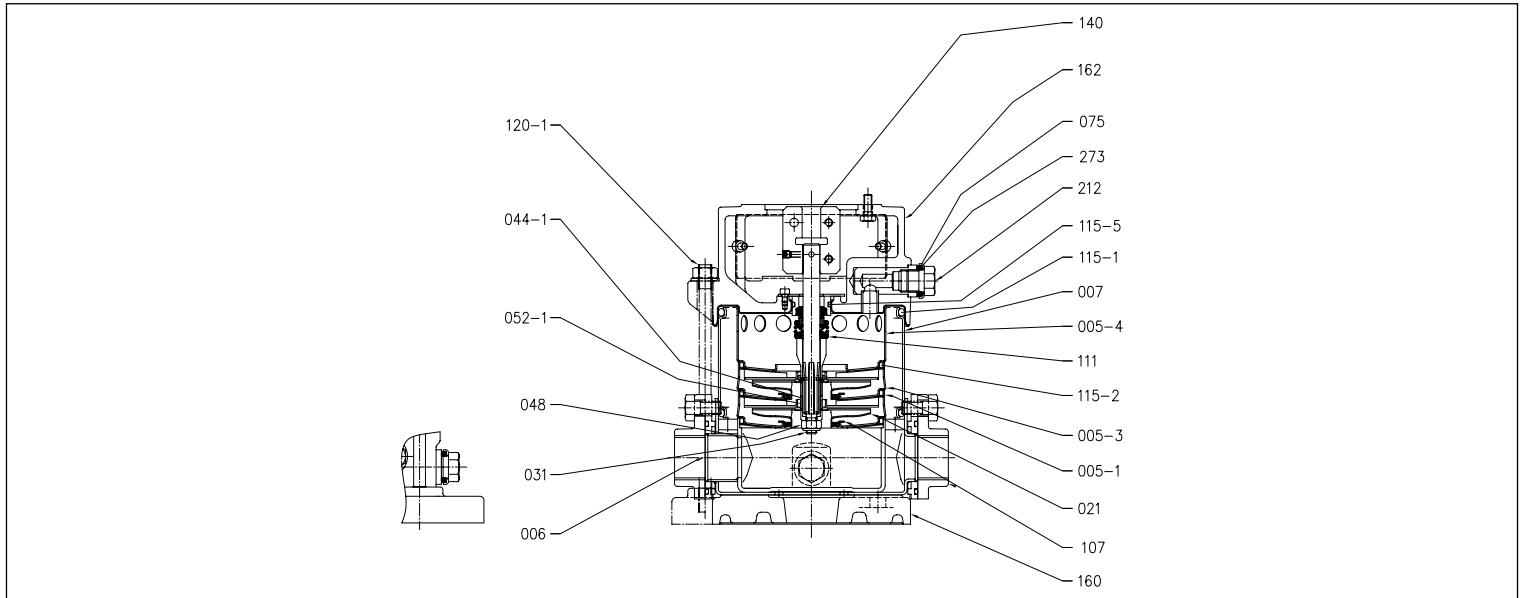
2,5 MPa= 25 bar

3,0 MPa= 30 bar

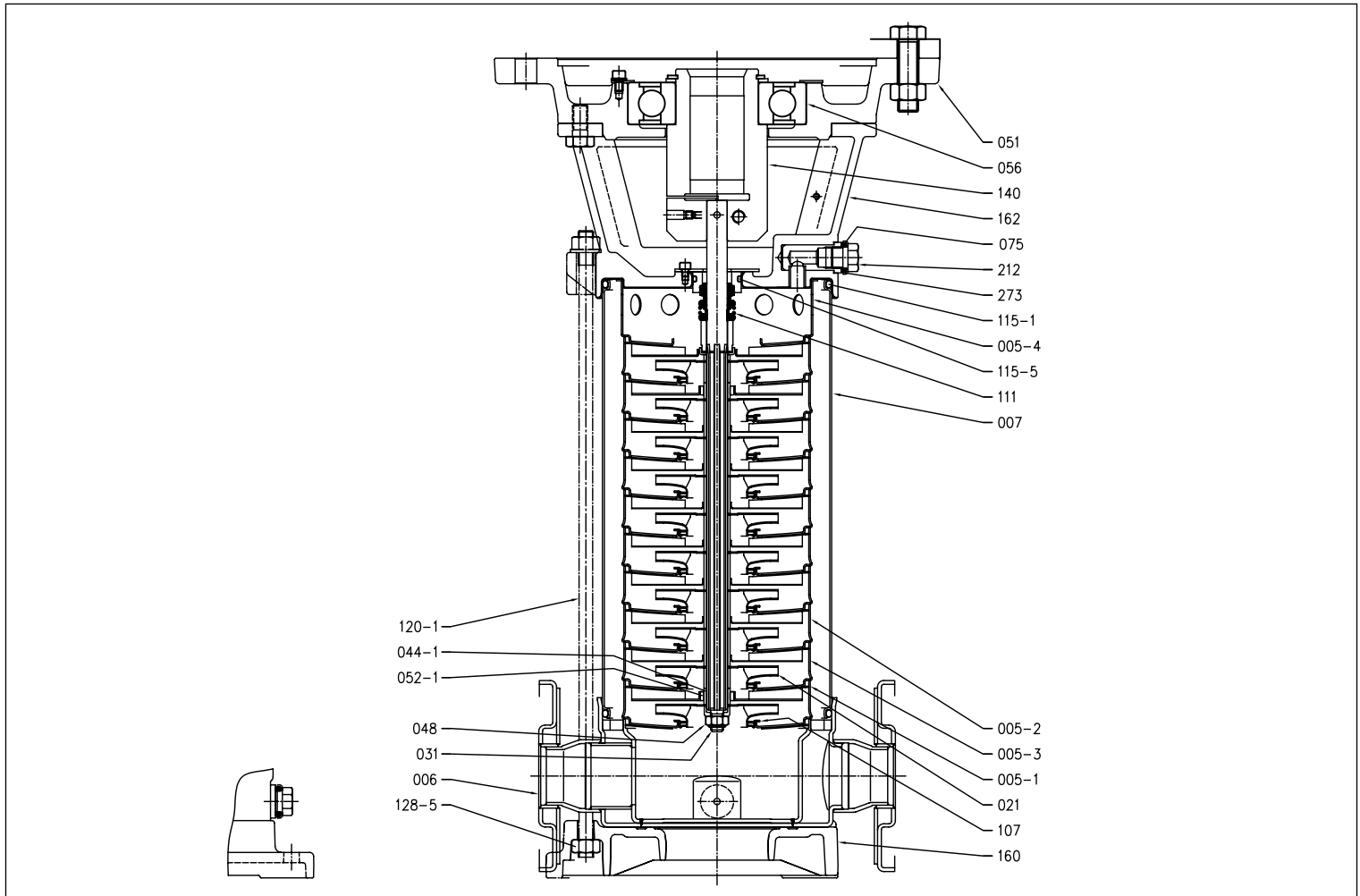
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 3-18 SECTIONAL VIEW Pump without bearings



EVM 3-18 SECTIONAL VIEW Pump with individual bearing



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

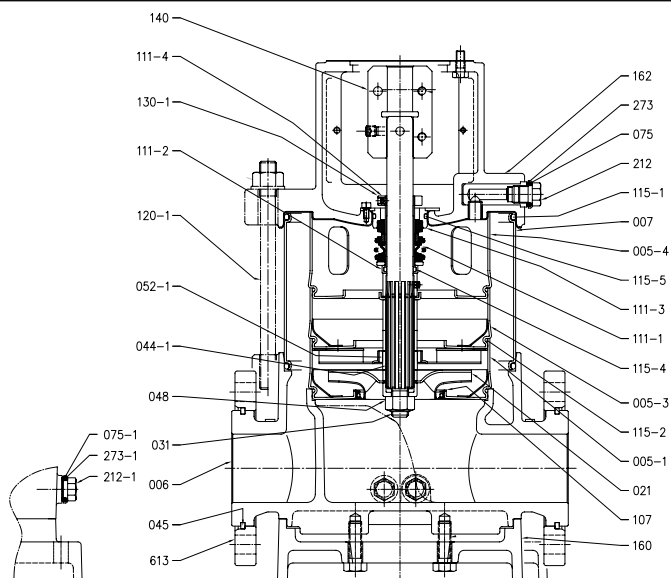
EVM 3-18 MATERIAL TABLE

Ref.	Name	EVMG	Material EVM	EVML
005-1	Suction stage	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
005-2	Intermediate stage	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
005-3	Support stage kit	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
005-4	Final stage	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
006	Pump body	Cast iron EN-GJL-200-EN 1561	EN 1.4301(AISI 304)	EN 1.4401 (AISI 316)
007	External casing		EN 1.4401 (AISI 316)	
021	Impeller	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
031	Shaft		EN 1.4401 (AISI 316)	
044-1	Bearing		Tungsten carbide	
048	Impeller nut	A2-70 UNI 7323 (with stainless steel insert)		A4-70 UNI 7323 (with stainless steel insert)
051	Motor adapter		Cast iron EN-GJL-200-EN 1561	
052-1	Bearing		Tungsten carbide	
056	Bearing		-	
075	O-Ring	EPDM		FPM
107	Wear ring	EPDM/EN 1.4301(AISI 304)		PTFE/EN 1.4401 (AISI 316)
111	Mechanical seal		SiC/Carbon/FPM	
115	O-Ring (external casing)	EPDM		FPM
	O-Ring (stage)	EPDM		FPM
	O-Ring (seal-holder flange)	EPDM		FPM
120-1	Joint screw		Galvanised steel 6.8 class ISO 898/1	
140	Joint		Brass OT 58 UNI 5705/Carbon	
160	Pump body base	-	Cast iron EN-GJL-200-EN 1561	
162	Motor support		Cast iron EN-GJL-200-EN 1561	
212	Cap	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
128-5	Nut	-	Galvanised steel	
273	Washer	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)

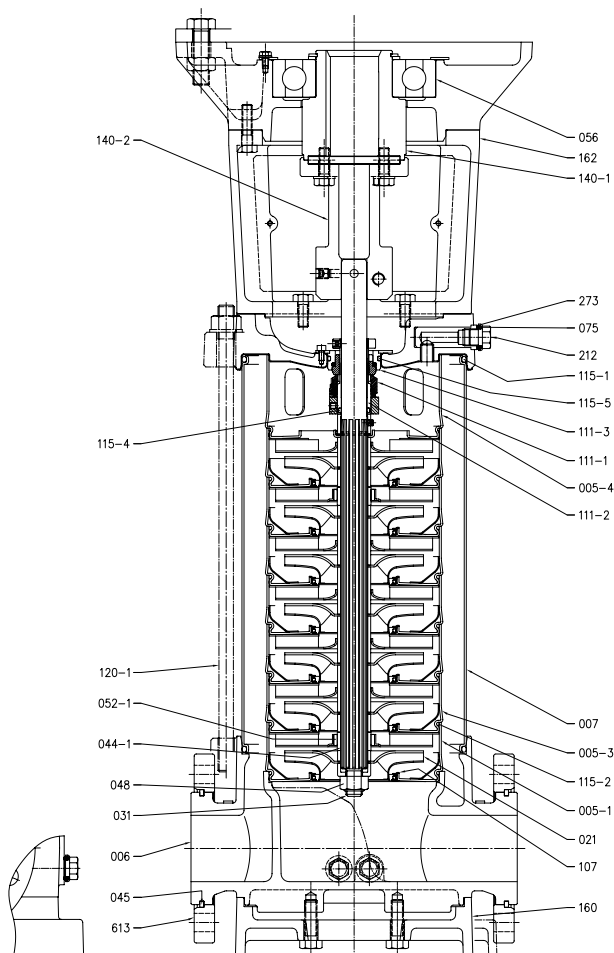
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 32 SECTIONAL VIEW Pump without bearings



EVM 32 SECTIONAL VIEW Pump with individual bearing



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

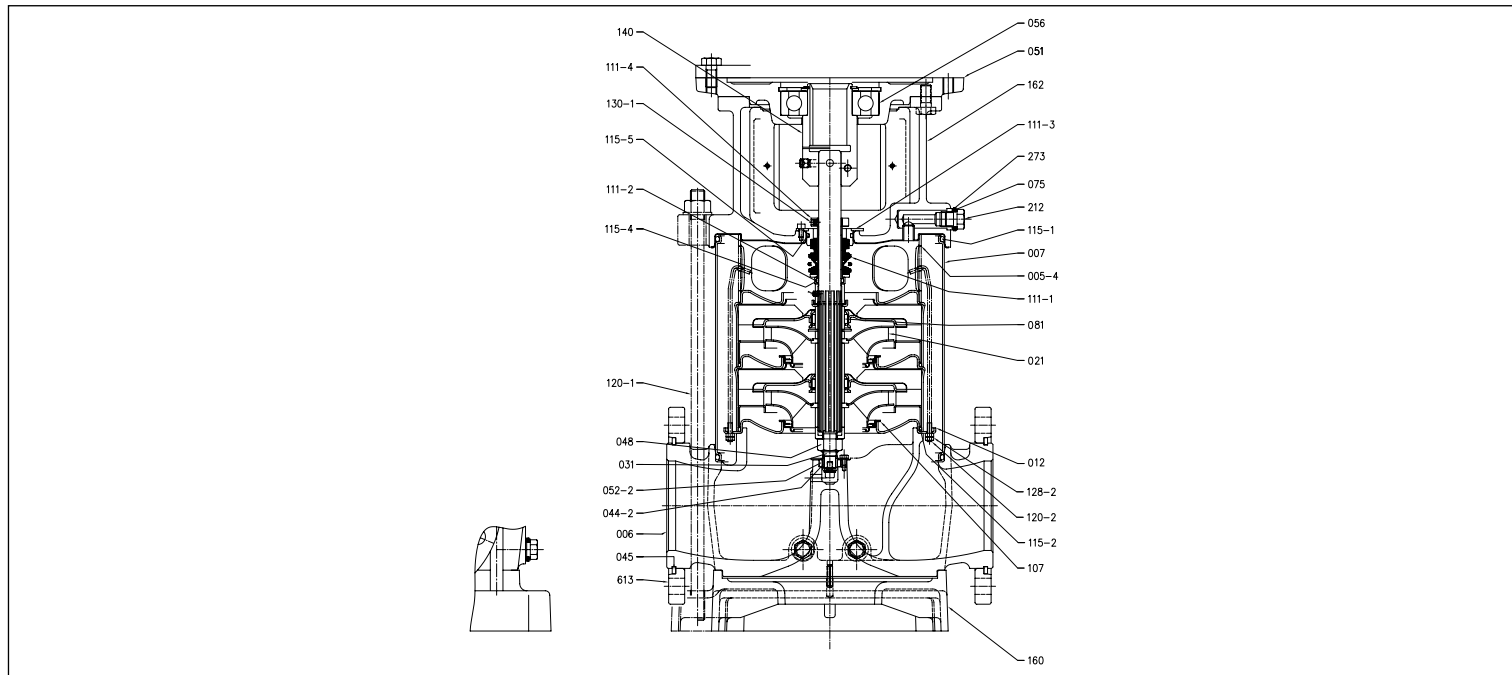
EVM 32 MATERIAL TABLE

Ref.	Name	EVMG	Material EVM	EVML
005-1	Suction stage	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
005-3	Support stage kit	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
005-4	Final stage	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
006	Pump body	Cast iron EN-GJL-200-EN 1561	EN 1.4308 (ASTM CF8)	EN 1.4408 (ASTM CF8M)
007	External casing	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
021	Impeller	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
031	Shaft		EN 1.4401 (AISI 316)	
044-1	Bearing		Tungsten carbide	
045	Flange half-ring		EN 1.402 (AISI 420)	
048	Impeller nut	A2-70 UNI 7323 (with stainless steel insert)		A4-70 UNI 7323 (with stainless steel insert)
052-1	Bearing		Tungsten carbide	
056	Bearing		-	
075	O-Ring	EPDM		FPM
107	Wear ring	EPDM/EN 1.4301(AISI 304)		PTFE/EN 1.4401 (AISI 316)
111-1	Mechanical seal		SiC/Carbon/FPM	
111-2	Mechanical seal (cartridge)	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
111-3	Seal seat	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
111-4	Sealing ring	Brass OT 58 UNI 5705		EN 1.4401 (AISI 316)
115	O-Ring (external casing)	EPDM		FPM
	O-Ring (stage)	EPDM		FPM
	O-Ring (seal-holder flange)	EPDM		FPM
	O-Ring (seal cover)	EPDM		FPM
120-1	Joint screw		Galvanised steel 6.8 class ISO 898/1	
130-1	Screw		A2-70 UNI 7323	
140	Joint		Brass OT 58 UNI 5705	
140-1	Motor joint		Carbon	
140-2	Joint		Carbon	
160	Pump body base	-	Cast iron EN-GJL-200-EN 1561	
162	Motor support		Cast iron EN-GJL-200-EN 1561	
212	Cap	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
273	Washer	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
613	Flange	Carbon	-	-

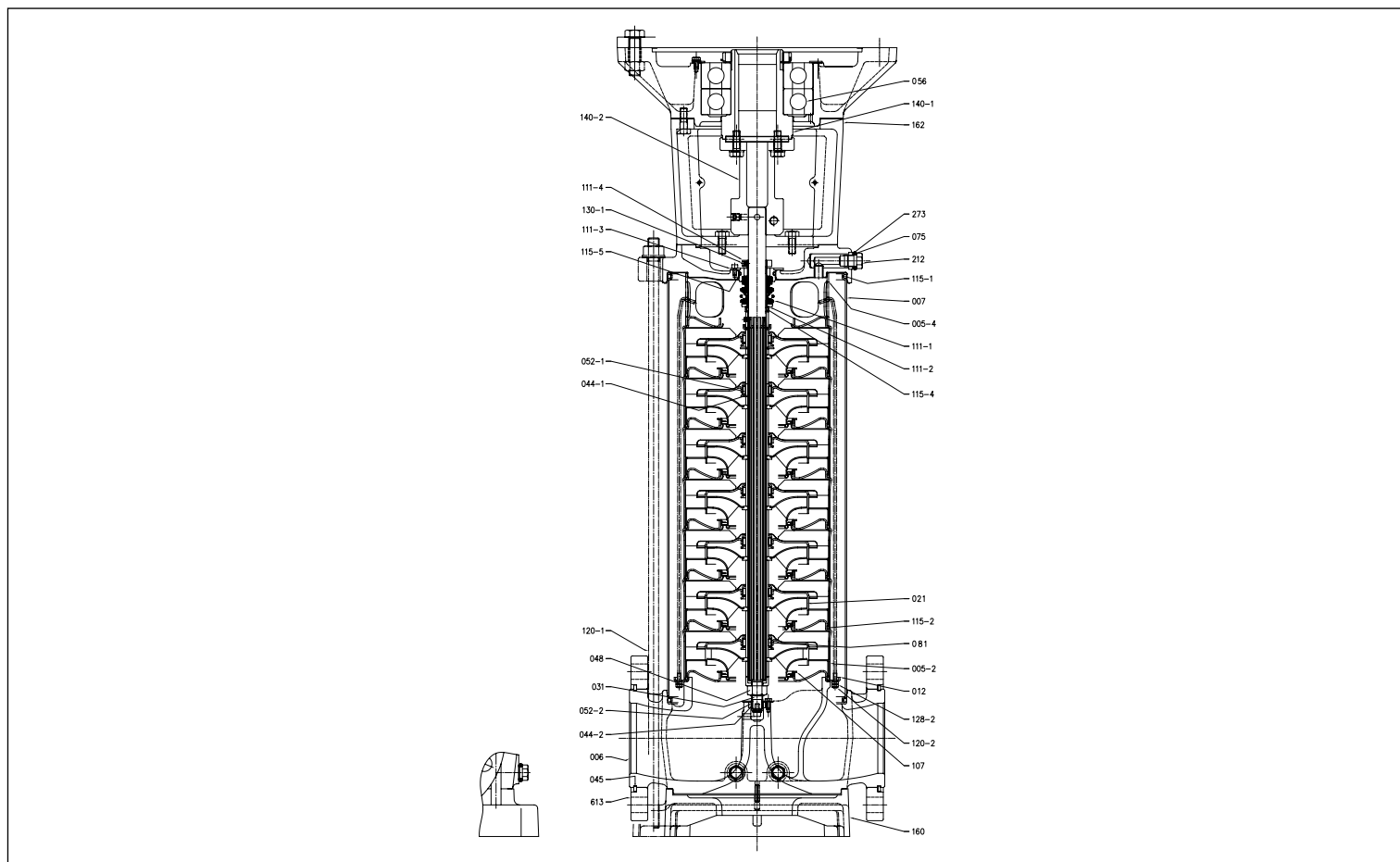
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 45-64 SECTIONAL VIEW Pump without bearings



EVM 45-64 SECTIONAL VIEW Pump with individual bearing



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

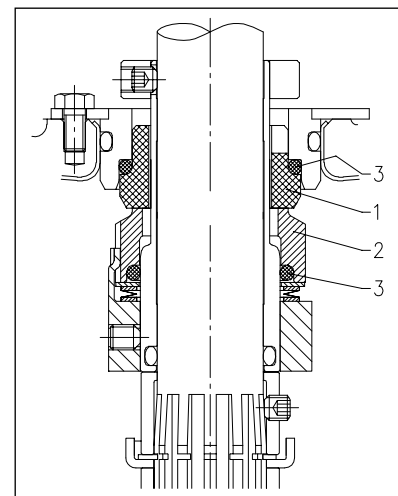
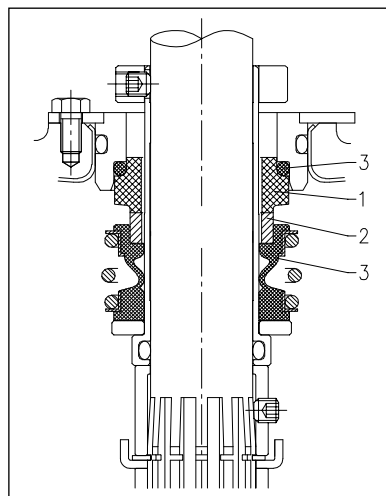
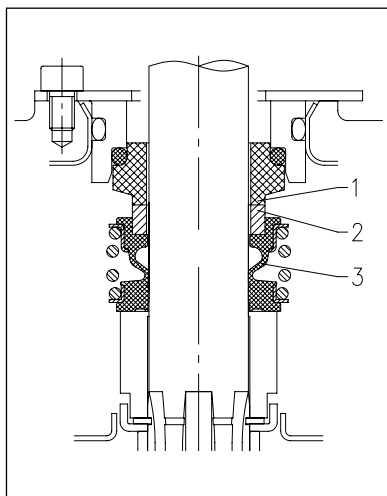
EVM 45-64 MATERIAL TABLE

Ref.	Name	EVMG	Material EVM	EVML
005-4	Final stage	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
006	Pump body	Cast iron EN-GJL-200-EN 1561	EN 1.4301(AISI 304)	EN 1.4401 (AISI 316)
007	External casing	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
012	Suction cover	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
021	Impeller	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
031	Shaft	EN 1.4401 (AISI 316)		
044-1	Bearing	Tungsten carbide		
044-2	Bearing	Tungsten carbide		
045	Flange half-ring	EN 1.402 (AISI 420)		
048	Impeller nut	A2-70 UNI 7323 (with stainless steel insert)		A4-70 UNI 7323 (with stainless steel insert)
051	Motor adapter	Cast iron EN-GJL-200-EN 1561		
052-2	Bearing	Tungsten carbide		
056	Bearing	-		
075	O-Ring	EPDM		FPM
081	Bush	PTFE		
107	Wear ring	PTFE/EN 1.4401 (AISI 316)		
111-1	Mechanical seal	SiC/Carbon/FPM		
111-2	Mechanical seal (cartridge)	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
111-3	Seal seat	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
111-4	Sealing ring	Brass OT 58 UNI 5705		EN 1.4401 (AISI 316)
115-1	O-Ring (external casing)	EPDM		FPM
115-2	O-Ring (stage)	EPDM		FPM
115-4	O-Ring (seal-holder flange)	EPDM		FPM
115-5	O-Ring (seal cover)	EPDM		FPM
120-1	Joint screw	Galvanised steel 6.8 class ISO 898/1		
120-2	Tie-rod	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
128-2	Screw	Carbon		EN 1.4401 (AISI 316)
130-1	Screw	A2-70 UNI 7323		
140	Joint	Brass OT 58 UNI 5705		
140-1	Motor joint	Carbon		
140-2	Joint	Carbon		
160	Pump body base	Cast iron EN-GJL-200-EN 1561		
162	Motor support	Cast iron EN-GJL-200-EN 1561		
212	Cap	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
273	Washer	EN 1.4301(AISI 304)		EN 1.4401 (AISI 316)
613	Flange	-		Carbon

EVM 3-18 MECHANICAL SEAL

EVM 32-64 MECHANICAL SEAL WITH CARTRIDGE up to 2.5 MPA

EVM 32-64 MECHANICAL SEAL SEAL WITH CARTRIDGE from 2.5 to 3.0 MPA



MATERIALS TABLE

Ref.	Name	Material
1	Fixed part	Carbon
2	Rotating part	SiC
3	Gasket	EPDM (FPM for EVML)

MATERIALS TABLE

Ref.	Name	Material
1	Fixed part	Carbon
2	Rotating part	SiC
3	Gasket	FPM

MATERIALS TABLE

Ref.	Name	Material
1	Fixed part	Carbon
2	Rotating part	SiC
3	Gasket	FPM

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 3-18 ELECTRIC DATA TABLE

Model	P ₂		Mec Motor	Full load efficiency and power-factor		Full load current [A]			
	[HP]	[kW]		η % 100%	cos φ	220V	265V	380V	460V
EVM(.) 3 2N6/0.37	0,5	0,37	71	67,7	0,72	2,1	1,7	1,2	1,0
EVM(.) 3 3N6/0.55	0,75	0,55	71	72,4	0,72	2,9	2,4	1,7	1,4
EVM(.) 3 4N6/0.75	1	0,75	80	82,0	0,73	3,4	2,7	1,9	1,6
EVM(.) 3 5N6/1.1	1,5	1,1	80	83,0	0,76	4,6	3,8	2,7	2,2
EVM(.) 3 6N6/1.1	1,5	1,1	80	83,0	0,76	4,6	3,8	2,7	2,2
EVM(.) 3 7N6/1.5	2	1,5	90 S	84,3	0,88	5,7	4,7	3,3	2,7
EVM(.) 3 8N6/1.5	2	1,5	90 S	84,3	0,88	5,7	4,7	3,3	2,7
EVM(.) 3 9N6/2.2	3	2,2	90 L	86,3	0,84	8,2	6,8	4,7	3,9
EVM(.) 3 11F6/2.2	3	2,2	90 L	86,3	0,84	8,2	6,8	4,7	3,9
EVM(.) 3 12F6/2.2	3	2,2	90 L	86,3	0,84	8,2	6,8	4,7	3,9
EVM(.) 3 13F6/3.0	4	3	100 L	87,7	0,82	10,5	8,7	6,1	5,0
EVM(.) 3 15F6/3.0	4	3	100 L	87,7	0,82	10,5	8,7	6,1	5,0
EVM(.) 3 18F6/4.0	5,5	4	112 M	87,7	0,82	14,7	12,1	8,5	7,0
EVM(.) 5 2N6/0.75	1	0,75	80	82,0	0,73	3,4	2,7	1,9	1,6
EVM(.) 5 3N6/1.1	1,5	1,1	80	83,0	0,76	4,6	3,8	2,7	2,2
EVM(.) 5 4N6/1.5	2	1,5	90 S	84,3	0,88	5,7	4,7	3,3	2,7
EVM(.) 5 5N6/2.2	3	2,2	90 L	86,3	0,84	8,2	6,8	4,7	3,9
EVM(.) 5 6N6/2.2	3	2,2	90 L	86,3	0,84	8,2	6,8	4,7	3,9
EVM(.) 5 7N6/3.0	4	3	100 L	87,7	0,82	10,5	8,7	6,1	5,0
EVM(.) 5 8N6/3.0	4	3	100 L	87,7	0,82	10,5	8,7	6,1	5,0
EVM(.) 5 10N6/4.0	5,5	4	112 M	87,7	0,82	14,7	12,1	8,5	7,0
EVM(.) 5 11F6/4.0	5,5	4	112 M	87,7	0,82	14,7	12,1	8,5	7,0
EVM(.) 5 12F6/4.0	5,5	4	112 M	87,7	0,82	14,7	12,1	8,5	7,0
EVM(.) 5 14F6/5.5	7,5	5,5	132 S	88,5	0,85	-	-	11,3	9,3
EVM(.) 5 16F6/5.5	7,5	5,5	132 S	88,5	0,85	-	-	11,3	9,3
EVM(.) 5 19F6/7.5	10	7,5	132 S	89,5	0,86	-	-	14,8	12,2
EVM(.) 10 2N6/1.5	2	1,5	90 S	84,3	0,88	5,7	4,7	3,3	2,7
EVM(.) 10 3N6/2.2	3	2,2	90 L	86,3	0,84	8,2	6,8	4,7	3,9
EVM(.) 10 4N6/3.0	4	3	100 L	87,7	0,82	10,5	8,7	6,1	5,0
EVM(.) 10 5N6/4.0	5,5	4	112 M	87,7	0,82	14,7	12,1	8,5	7,0
EVM(.) 10 6N6/4.0	5,5	4	112 M	87,7	0,82	14,7	12,1	8,5	7,0
EVM(.) 10 8N6/5.5	7,5	5,5	132 S	88,5	0,85	-	-	11,3	9,3
EVM(.) 10 10F6/7.5	10	7,5	132 S	89,5	0,86	-	-	14,8	12,2
EVM(.) 10 11F6/7.5	10	7,5	132 S	89,5	0,86	-	-	14,8	12,2
EVM(.) 10 12F6/7.5	10	7,5	132 S	89,5	0,86	-	-	14,8	12,2
EVM(.) 10 14F6/11	15	11	160 M	90,3	0,85	-	-	21,8	18,0
EVM(.) 10 16F6/11	15	11	160 M	90,3	0,85	-	-	21,8	18,0
EVM(.) 18 1F6/2.2	3	2,2	90 L	86,3	0,84	8,2	6,8	4,7	3,9
EVM(.) 18 2F6/3.0	4	3	100 L	87,7	0,82	10,5	8,7	6,1	5,0
EVM(.) 18 3F6/5.5	7,5	5,5	132 S	88,5	0,85	-	-	11,3	9,3
EVM(.) 18 4F6/7.5	10	7,5	132 S	89,5	0,86	-	-	14,8	12,2
EVM(.) 18 5F6/7.5	10	7,5	132 S	89,5	0,86	-	-	14,8	12,2
EVM(.) 18 6F6/11	15	11	160 M	90,3	0,85	-	-	21,8	18,0
EVM(.) 18 7F6/11	15	11	160 M	90,3	0,85	-	-	21,8	18,0
EVM(.) 18 8F6/15	20	15	160 M	91,0	0,88	-	-	28,4	23,5
EVM(.) 18 10F6/15	20	15	160 M	91,0	0,88	-	-	28,4	23,5
EVM(.) 18 11F6/18.5	25	18,5	160 L	91,7	0,87	-	-	34,9	28,8
EVM(.) 18 12 F6/18.5	25	18,5	160 L	91,7	0,87	-	-	34,9	28,8

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

EVM 32-64 ELECTRIC DATA TABLE

Model	P ₂		Mec Motor	Full load efficiency and power-factor		Full load current [A]		
	[HP]	[kW]		η % 100%	cos φ	265V	460V	660V
EVM(.) 32 1-0F6/4.0	5,5	4	112 M	87,7	0,82	12,1	7,0	-
EVM(.) 32 2-2F6/5.5	7,5	5,5	132 S	88,5	0,85	-	9,3	6,5
EVM(.) 32 2-0F6/7.5	10	7,5	132 S	89,5	0,86	-	12,2	8,5
EVM(.) 32 3-3F6 7.5	10	7,5	132 S	89,5	0,86	-	12,2	8,5
EVM(.) 32 3-0F6/11	15	11	160 M	90,3	0,85	-	18,0	12,6
EVM(.) 32 4-3F6/11	15	11	160 M	90,3	0,85	-	18,0	12,6
EVM(.) 32 4-0F6/15	20	15	160 M	91,0	0,88	-	23,5	16,4
EVM(.) 32 5-3F6/15	20	15	160 M	91,0	0,88	-	23,5	16,4
EVM(.) 32 5-2F6/15	20	15	160 M	91,0	0,88	-	23,5	16,4
EVM(.) 32 5-0F6/18.5	25	18,5	160 L	91,7	0,87	-	28,8	20,1
EVM(.) 32 6-3F6/18.5	25	18,5	160 L	91,7	0,87	-	28,8	20,1
EVM(.) 32 6-0F6/22	30	22	180 M	91,3	0,89	-	34,0	23,8
EVM(.) 32 7-3F6/22	30	22	180 M	91,3	0,89	-	34,0	23,8
EVM(.) 32 7-2F6/22	30	22	180 M	91,3	0,89	-	34,0	23,8
EVM(.) 32 7-0F6/30	40	30	200 L	92,0	0,87	-	47,0	32,8
EVM(.) 32 8-3F6/30	40	30	200 L	92,0	0,87	-	47,0	32,8
EVM(.) 32 8-0F6/30	40	30	200 L	92,0	0,87	-	47,0	32,8
EVM(.) 32 9-3F6/30	40	30	200 L	92,0	0,87	-	47,0	32,8
EVM(.) 32 9-0F6/30	40	30	200 L	92,0	0,87	-	47,0	32,8
EVM(.) 32 10-4F6/30	40	30	200 L	92,0	0,87	-	47,0	32,8
EVM(.) 45 1-1 F6/5.5	7,5	5,5	132	88,5	0,85	-	9,3	6,5
EVM(.) 45 1-0 F6/7.5	10	7,5	132	89,5	0,86	-	12,2	8,5
EVM(.) 45 2-2 F6/11	15	11	160	90,3	0,85	-	18,0	12,6
EVM(.) 45 2-1 F6/11	15	11	160	90,3	0,85	-	18,0	12,6
EVM(.) 45 2-0 F6/15	20	15	160	91,0	0,88	-	23,5	16,4
EVM(.) 45 3-3 F6/15	20	15	160	91,0	0,88	-	23,5	16,4
EVM(.) 45 3-2 F6/15	20	15	160	91,0	0,88	-	23,5	16,4
EVM(.) 45 3-1 F6/18.5	25	18,5	160	91,7	0,87	-	28,8	20,1
EVM(.) 45 3-0 F6/22	30	22	180	91,3	0,89	-	34,0	23,8
EVM(.) 45 4-3 F6/18.5	25	18,5	160	91,7	0,87	-	28,8	20,1
EVM(.) 45 4-2 F6/22	30	22	180	91,3	0,89	-	34,0	23,8
EVM(.) 45 4-1 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 45 4-0 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 45 5-3 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 45 5-2 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 45 5-1 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 45 5-0 F6/37	50	37	200	92,4	0,9	-	56,0	39,1
EVM(.) 45 6-3 F6/37	50	37	200	92,4	0,9	-	56,0	39,1
EVM(.) 45 6-2 F6/37	50	37	200	92,4	0,9	-	56,0	39,1
EVM(.) 45 6-1 F6/37	50	37	200	92,4	0,9	-	56,0	39,1
EVM(.) 64 1-1 F6/7.5	10	7,5	132	89,5	0,86	-	12,2	8,5
EVM(.) 64 1-0 F6/11	15	11	160	90,3	0,85	-	18,0	12,6
EVM(.) 64 2-2 F6/15	20	15	160	91,0	0,88	-	23,5	16,4
EVM(.) 64 2-1 F6/18.5	25	18,5	160	91,7	0,87	-	28,8	20,1
EVM(.) 64 2-0 F6/22	30	22	180	91,3	0,89	-	34,0	23,8
EVM(.) 64 3-3 F6/22	30	22	180	91,3	0,89	-	34,0	23,8
EVM(.) 64 3-2 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 64 3-1 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 64 3-0 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 64 4-3 F6/30	40	30	200	92,0	0,87	-	47,0	32,8
EVM(.) 64 4-2 F6/37	50	37	200	92,4	0,9	-	56,0	39,1
EVM(.) 64 4-1 F6/37	50	37	200	92,4	0,9	-	56,0	39,1



EVM

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

SPECIFIC PERFORMANCE

The specifications given refer to the curves illustrated in our catalogues and Data Book (see www.ebara-europe.com).

All of the performance curves are calculated according to ISO 9906 Attachment A.

TolleranzeTolerance according to ISO 9906 Annex A.

The curves refer to an effective speed of the 50 Hz asynchronous motors.

The measurements are made with water temperature of 20°C and cinematic viscosity of $\nu = 1 \text{ mm}^2/\text{s}$ (1 cSt).

In order to prevent the risk of overheating, the pumps must not be used at a flow rate below 10% of the maximum efficiency flow rate.

During selection of the pumps, there is a safety margin of at least 1 m.

Symbols: Q = Flow rate [m^3/h]
H = Head [m]
 P_1 = Power absorbed by the electric line
 P_2 = Power yielded to the motor axis (power absorbed by the pump)



DNV BUSINESS ASSURANCE MANAGEMENT SYSTEM CERTIFICATE

Certificato No. / Certificate No. **CERT-17819-2006-AQ-VEN-SINCERT**

Si attesta che / This is to certify that

EBARA PUMPS EUROPE S.p.A.

Sede e Stabilimento di Brendola: Via Pacinotti, 32 - 36040 Brendola (VI) - Italy

Stabilimento di Cles: Via Campo Sportivo, 30 - 38023 Cles (TN) - Italy

Filiale di Palermo: Via Don Luigi Sturzo, 181/183 - Z. I. - 90040 Carini (PA) - Italy

Filiale di Cagliari: Via del Fangario, 29 - 09122 Cagliari (CA) - Italy

*è conforme ai requisiti della norma per i sistemi di gestione:
has been found to conform to the management system standard:*

UNI EN ISO 9001:2008 (ISO 9001:2008)

*Questa Certificazione è valida per il seguente campo applicativo:
This Certificate is valid for the following product or service ranges:*

**Progettazione, produzione, vendita e commercializzazione di pompe e sistemi di pompaggio
(Settore EA : 18 - 17)**

*Design, manufacture, sales and trade of pumps and pumping systems
(Sector EA : 18 - 17)*

Data Prima Emissione/Initial Certification Date:

2006-10-13

Il Certificato è valido fino al:

This Certificate is valid until:

2015-10-10

*L'audit è stato eseguito sotto la supervisione di/
The audit has been performed under the
supervision of*

Michele Gaiba
Lead Auditor



SGQ N°003 A PRD N°003 B
SGA N°003 D SSI N°002 G
SCR N°004 F FSM N°001 I
Membro di MLA EA per gli schemi di accreditamento SGQ,
SGA, PRD, PMS, ISP e LAB di MLA IAF per gli schemi di
accreditamento SGQ, SGA, SSI, FSM e PRD
e di MLA ILAC per gli schemi di accreditamento LAB

Luogo e Data/Place and Date:

Agrate Brianza (MB), 2012-10-02

Per l'Organismo di Certificazione:

For the Accredited Unit:



Zeno Beltrami
Management Representative

La validità del presente Certificato è subordinata al rispetto delle condizioni contenute nel Contratto di Certificazione.
Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

EBARA Pumps Europe network

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