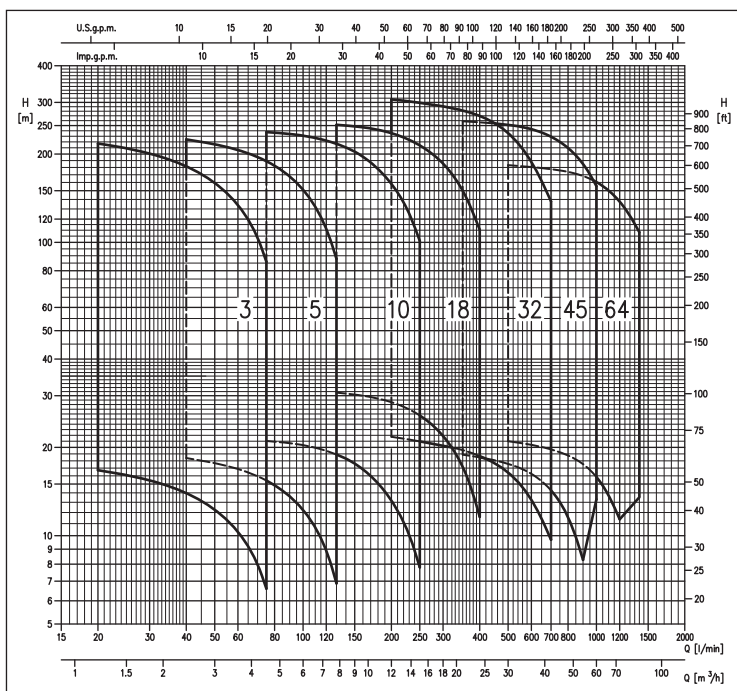


VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316



PERFORMANCE RANGE at 2900 min⁻¹ (according to ISO 9906 Attachment A)



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

APPLICATIONS

- Suitable for 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 IEC 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), zones 1 and 2, temperature class T2 and T4
- Oval counter-flanges, "N" version, already included
- Round counter-flanges, "F" version, as accessories
- WRAS approval for standard version of EVM 3-5-10-18

PUMP TECHNICAL DATA

- Maximum working pressure: 16 bar, 25 bar, 30 bar for EVM32 - EVM45 only
- Temperature of the liquid: from -15°C to +120°C
- Maximum solid content: 50 ppm (particle size 0,1-0,25 mm or less)
- Maximum chlorine ion density: 500 ppm
- MEI > 0,4
- For further information please see our Data Book on the web site www.ebara-europe.com

MOTOR TECHNICAL DATA

- High efficiency IE2 motors starting from 0,75kW
- Self-ventilated 2 poles asynchronous motor
- Class of insulation F
- IP55 Protection degree
- Single phase voltage 230V ±10% 50Hz, three phase voltage 230/400V ±10%, 50Hz (up to 4 kW included), three phase voltage 400/690V ±10% (5.5 kW and above)
- Circuit breaker protection under user's responsibility

MATERIALS

- Lower pump body, external casing, seal housing disc, impellers, diffusers, shaft casing, joint cover and small elements in contact with the liquid in AISI 304 (EVM), AISI 316 (EVML) ["EVMG" version: pump casing in cast iron and hydraulic part 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 bracket in cast iron (EVMG), in cast iron/AISI 304 (EVM), in cast iron/AISI 316
- Mechanical seal in SiC/Carbon/EPDM (EVM-EVMG 3-5-10-18)
- Mechanical seal in SiC/Carbon/FPM (EVML 3-5-10-18)
- Mechanical seal with cartridge as per standard in SiC/Carbon/FPM (models 32-45-64) (F= round counterflanges; N= oval counterflanges)
- Liner rings in PTFE

VERSIONI SPECIALI

- Motor in insulation class B available for high temperature
- ATEX version for the electropump
- Available also with IE3 motor

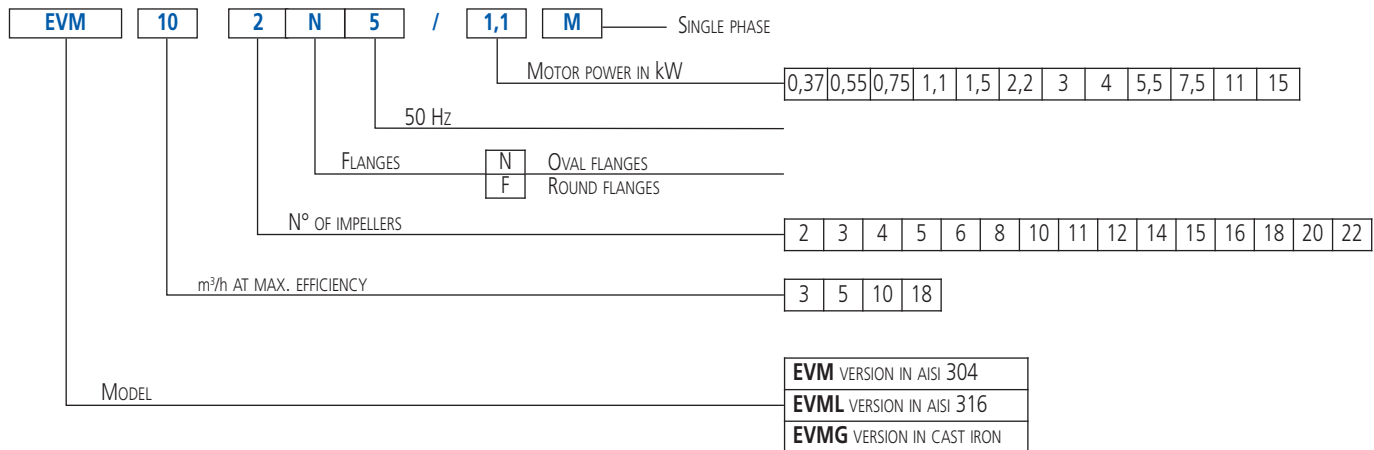
ACCESSORIES (On request)

- Round counter-flanges for "F" version available in:
 - galvanised/EPDM
 - AISI 304/EPDM
 - AISI 316/FPM

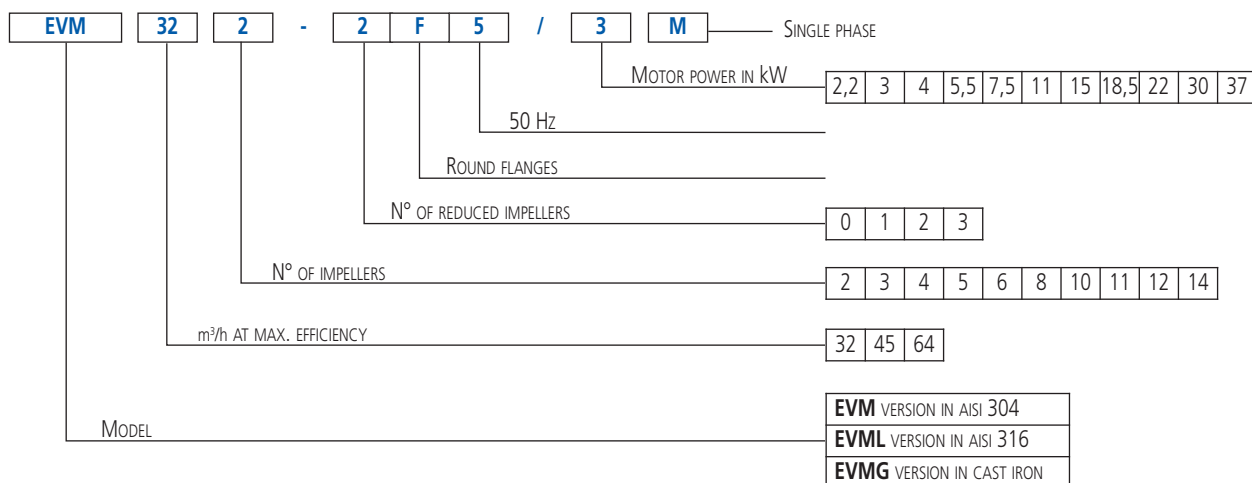
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

IDENTIFICATION CODE EVM 3-18



IDENTIFICATION CODE EVM 32-64



MECHANICAL SEAL WITH CARTRIDGE

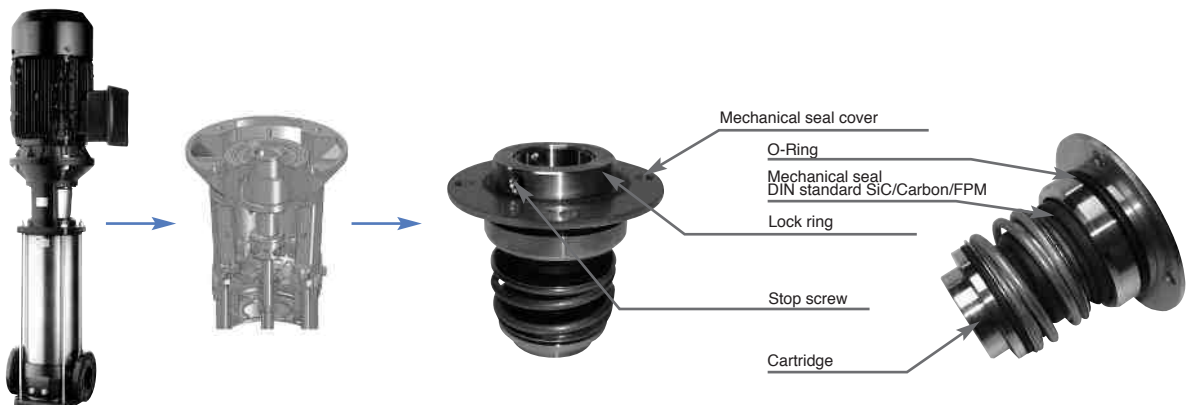
The EVM 32-45-64 pumps house the mechanical seal with cartridge as per standard.

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

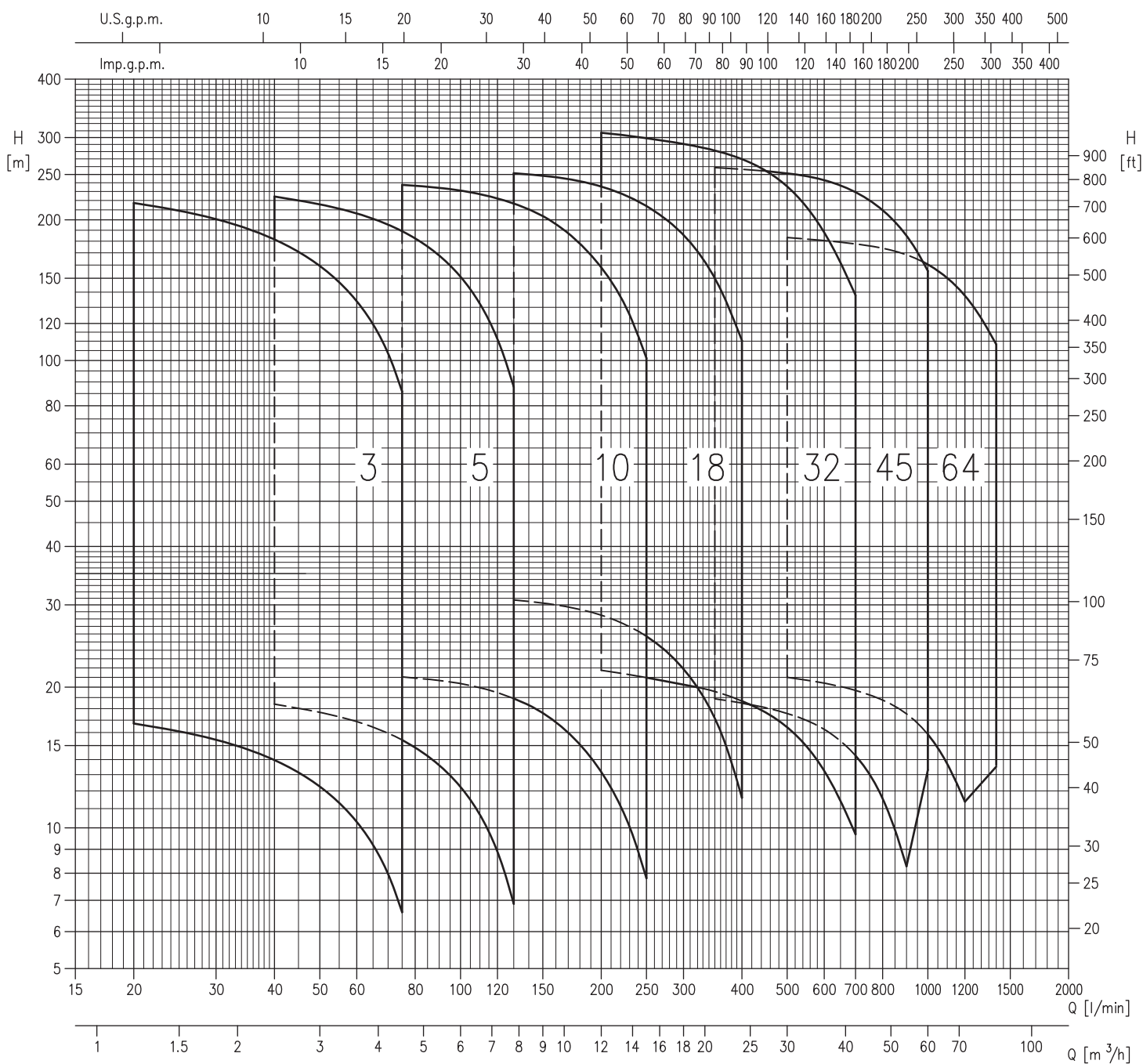
We are at your disposal to evaluate all demands and requirements in order to find the best solution for your plants and applications.



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

PERFORMANCE RANGE at 2900 min⁻¹ (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

PERFORMANCE TABLE EVM 3-5-10-18

Model	P ₂		Motor Mec	Max. working pressure [MPa]	Q=Flow rate												Weight [kg]			
	[HP]	[kW]			l/min m³/h	20 1,2	40 2,4	60 3,6	75 4,5	100 6	130 7,8	150 9	200 12	250 15	300 18	350 21	400 24	Pump	Pump + motor	
																			[2]	[1]
EVM 3 2N5/0.37 (M)	0,5	0,37	71	1,6	16,7	14,0	10,3	6,6	-	-	-	-	-	-	-	-	-	11,3	17,0	17,1
EVM 3 3N5/0.37 (M)	0,5	0,37	71	1,6	25,1	20,9	15,5	9,9	-	-	-	-	-	-	-	-	-	11,8	17,5	17,6
EVM 3 4N5/0.55 (M)	0,75	0,55	71	1,6	33,4	27,9	20,6	13,2	-	-	-	-	-	-	-	-	-	12,3	19,3	18,5
EVM 3 5N5/0.55 (M)	0,75	0,55	71	1,6	42,0	34,9	25,8	16,5	-	-	-	-	-	-	-	-	-	12,8	19,8	19,0
EVM 3 6N5/0.75 (M)	1	0,75	80	1,6	50,0	42,0	30,9	19,8	-	-	-	-	-	-	-	-	-	13,7	25,1	22,1
EVM 3 7N5/0.75 (M)	1	0,75	80	1,6	58,5	49,0	36,1	23,1	-	-	-	-	-	-	-	-	-	13,9	25,3	22,3
EVM 3 9N5/1.1 (M)	1,5	1,1	80	1,6	75,0	63,0	46,5	29,7	-	-	-	-	-	-	-	-	-	14,8	26,6	25,9
EVM 3 11N5/1.1 (M)	1,5	1,1	80	1,6	92,0	77,0	56,5	36,3	-	-	-	-	-	-	-	-	-	16,2	28,0	27,3
EVM 3 13N5/1.5 (M)	2	1,5	90S	1,6	109,0	90,5	67,0	43,0	-	-	-	-	-	-	-	-	-	17,7	35,5	31,7
EVM 3 15N5/1.5 (M)	2	1,5	90S	1,6	125,0	105,0	77,5	49,5	-	-	-	-	-	-	-	-	-	19,2	37,0	33,2
EVM 3 18F5/2.2 (M)	3	2,2	90L	2,5	151,0	126,0	92,5	59,5	-	-	-	-	-	-	-	-	-	24,8	44,3	40,8
EVM 3 22F5/2.2 (M)	3	2,2	90L	2,5	184,0	154,0	113,0	72,5	-	-	-	-	-	-	-	-	-	27,2	46,7	43,2
EVM 3 26F5/3.0	4	3	100	2,5	217,0	182,0	134,0	86,0	-	-	-	-	-	-	-	-	-	30,8	-	53,6
EVM 5 2N5/0.37 (M)	0,5	0,37	71	1,6	-	18,4	16,9	15,4	12,2	6,9	-	-	-	-	-	-	-	11,5	17,2	17,3
EVM 5 3N5/0.55 (M)	0,75	0,55	71	1,6	-	27,6	25,3	23,1	18,4	10,3	-	-	-	-	-	-	-	12,0	19,0	18,2
EVM 5 4N5/0.75 (M)	1	0,75	80	1,6	-	36,8	33,8	30,8	24,5	13,8	-	-	-	-	-	-	-	12,9	24,3	21,3
EVM 5 5N5/1.1 (M)	1,5	1,1	80	1,6	-	46,0	42,0	38,6	30,6	17,2	-	-	-	-	-	-	-	13,5	25,3	24,6
EVM 5 6N5/1.1 (M)	1,5	1,1	80	1,6	-	55,0	50,5	46,5	36,7	20,6	-	-	-	-	-	-	-	14,1	25,9	25,2
EVM 5 7N5/1.5 (M)	2	1,5	90S	1,6	-	64,5	59,0	54,0	43,0	24,1	-	-	-	-	-	-	-	14,9	32,7	28,9
EVM 5 8N5/1.5 (M)	2	1,5	90S	1,6	-	73,5	67,5	61,5	49,0	27,5	-	-	-	-	-	-	-	15,5	33,3	29,5
EVM 5 10N5/2.2 (M)	3	2,2	90L	1,6	-	93,5	86,0	79,0	63,0	36,6	-	-	-	-	-	-	-	17,9	37,4	33,9
EVM 5 11N5/2.2 (M)	3	2,2	90L	1,6	-	103,0	94,5	86,5	69,5	40,5	-	-	-	-	-	-	-	19,0	38,5	35,0
EVM 5 12N5/2.2 (M)	3	2,2	90L	1,6	-	112,0	103,0	94,5	75,5	44,0	-	-	-	-	-	-	-	19,7	39,2	35,7
EVM 5 14N5/3.0	4	3	100	1,6	-	131,0	120,0	110,0	88,0	51,0	-	-	-	-	-	-	-	22,0	-	44,8
EVM 5 16N5/3.0	4	3	100	1,6	-	150,0	138,0	126,0	101,0	58,5	-	-	-	-	-	-	-	23,3	-	46,1
EVM 5 18F5/4.0	5,5	4	112	2,5	-	168,0	155,0	142,0	113,0	66,0	-	-	-	-	-	-	-	28,7	-	51,5
EVM 5 19F5/4.0	5,5	4	112	2,5	-	178,0	163,0	150,0	120,0	69,5	-	-	-	-	-	-	-	29,4	-	52,2
EVM 5 22F5/4.0	5,5	4	112	2,5	-	206,0	189,0	173,0	139,0	80,5	-	-	-	-	-	-	-	31,2	-	54,0
EVM 5 24F5/5.5	7,5	5,5	132S	2,5	-	224,0	206,0	189,0	151,0	88,0	-	-	-	-	-	-	-	35,4	-	74,0
EVM 10 2N5/0.75 (M)	1	0,75	80	1,6	-	-	-	21,0	20,4	18,9	17,6	13,2	7,8	-	-	-	-	18,0	29,4	26,4
EVM 10 3N5/1.1 (M)	1,5	1,1	80	1,6	-	-	-	31,6	30,5	28,4	26,4	19,8	11,7	-	-	-	-	19,5	31,3	30,6
EVM 10 4N5/1.5 (M)	2	1,5	90S	1,6	-	-	-	42,0	40,5	37,8	35,2	26,4	15,6	-	-	-	-	21,9	39,7	35,9
EVM 10 5N5/2.2 (M)	3	2,2	90L	1,6	-	-	-	52,5	51,0	47,5	44,0	33,0	19,5	-	-	-	-	22,5	42,0	38,5
EVM 10 6N5/2.2 (M)	3	2,2	90L	1,6	-	-	-	63,0	61,0	57,0	53,0	39,5	23,4	-	-	-	-	24,0	43,5	40,0
EVM 10 8N5/3.0	4	3	100	1,6	-	-	-	84,0	81,5	75,5	70,5	52,5	31,2	-	-	-	-	30,6	-	53,4
EVM 10 10N5/4.0	5,5	4	112	1,6	-	-	-	105,0	102,0	94,5	88,0	66,0	39,0	-	-	-	-	31,5	-	54,3
EVM 10 11N5/4.0	5,5	4	112	1,6	-	-	-	116,0	112,0	104,0	97,0	72,5	43,0	-	-	-	-	34,0	-	56,8
EVM 10 12N5/5.5	7,5	5,5	132S	1,6	-	-	-	130,0	126,0	118,0	111,0	86,5	55,0	-	-	-	-	39,3	-	77,9
EVM 10 14N5/5.5	7,5	5,5	132S	1,6	-	-	-	151,0	147,0	138,0	130,0	101,0	64,5	-	-	-	-	41,8	-	80,4
EVM 10 15F5/5.5	7,5	5,5	132S	2,5	-	-	-	162,0	158,0	148,0	139,0	108,0	69,0	-	-	-	-	45,8	-	84,4
EVM 10 16F5/7.5	10	7,5	132S	2,5	-	-	-	173,0	168,0	158,0	148,0	115,0	73,5	-	-	-	-	47,8	-	88,2
EVM 10 18F5/7.5	10	7,5	132S	2,5	-	-	-	194,0	189,0	177,0	167,0	129,0	83,0	-	-	-	-	49,8	-	90,2
EVM 10 20F5/7.5	10	7,5	132S	2,5	-	-	-	216,0	210,0	197,0	185,0	144,0	92,0	-	-	-	-	49,8	-	90,2
EVM 10 22F5/11	15	11	160M	2,5	-	-	-	238,0	231,0	217,0	204,0	158,0	101,0	-	-	-	-	55,5	-	118,0
EVM 18 2F5/2.2 (M)	3	2,2	90L	1,6	-	-	-	-	-	31,0	30,3	28,5	25,7	21,9	17,2	11,6	-	27,4	46,9	43,4
EVM 18 3F5/3.0	4	3	100	1,6	-	-	-	-	-	46,0	45,5	43,0	38,6	32,8	25,7	17,4	-	28,9	28,9	51,7
EVM 18 4F5/4.0	5,5	4	112	1,6	-	-	-	-	-	61,5	60,5	57,0	51,5	44,0	34,3	23,2	-	31,4	-	54,2
EVM 18 5F5/5.5	7,5	5,5	132S	1,6	-	-	-	-	-	77,0	75,5	71,5	64,5	54,5	43,0	29,0	-	38,4	-	77,0
EVM 18 6F5/5.5	7,5	5,5	132S	1,6	-	-	-	-	-	92,0	91,0	85,5	77,0	65,5	51,5	34,8	-	41,4	-	80,0
EVM 18 7F5/7.5	10	7,5	132S	2,5	-	-	-	-	-	108,0	106,0	100,0	90,0	76,5	60,0	40,5	-	43,9	-	84,3
EVM 18 8F5/7.5	10	7,5	132S	2,5	-	-	-	-	-	123,0	121,0	114,0	103,0	87,5	68,5	46,5	-	43,8	-	84,2
EVM 18 10F5/11	15	11	160M	2,5	-	-	-	-	-	157,0	155,0	147,0	134,0	116,0	93,5	69,0	-	54,3	-	116,8
EVM 18 12F5/11	15	11	160M	2,5	-	-	-	-	-	189,0	186,0	177,0	160,0	139,0	112,0	83,0	-	57,3	-	119,8
EVM 18 14F5/15	20	15	160M	2,5	-	-	-	-	-	220,0	217,0	206,0	187,0	162,0	131,0	96,5	-	57,8	-	144,9
EVM 18 15F5/15	20	15	160M	2,5	-	-	-	-	-	236,0	233,0	221,0	201,0	174,0	141,0	104,0	-	58,3	-	145,4
EVM 18 16F5/15	20	15	160M	2,5	-	-	-	-	-	252,0	249,0	236,0	214,0	186,0	150,0	110,0	-	61,3	-	148,4

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

[1]= Three phase only
[2]= Single phase only

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

PERFORMANCE TABLE EVM 32-45

Model	P ₂		Motor Mec	Max. working pressure [MPa]	Q=Flow rate							Weight [kg]		
	[HP]	[kW]			l/min m³/h	200 12	350 21	500 30	600 36 H=Head [m]	700 42	900 54	1000 60	Pump	Pump + motor
EVM 32 1-0F5/2.2	3	2,2	90L	1,6	21,7	19,6	16,4	13,2	9,7	-	-	56,0	72,0	
EVM 32 2-2F5/3.0	4	3	100	1,6	36,9	31,6	23,5	17,4	-	-	-	58,0	80,8	
EVM 32 2-0F5/4.0	5,5	4	112	1,6	43,5	39,2	32,8	26,5	19,4	-	-	58,0	80,8	
EVM 32 3-3F5/5.5	7,5	5,5	132S	1,6	55,5	47,5	35,2	26,1	-	-	-	74,0	112,6	
EVM 32 3-1F5/5.5	7,5	5,5	132S	1,6	62,0	55,0	44,5	35,2	24,5	-	-	74,0	112,6	
EVM 32 4-3F5/7.5	10	7,5	132S	1,6	77,0	67,0	51,5	39,4	-	-	-	77,0	117,4	
EVM 32 4-1F5/7.5	10	7,5	132S	1,6	83,5	74,5	61,0	48,5	34,2	-	-	77,0	117,4	
EVM 32 5-3F5/11	15	11	160M	1,6	100,0	89,0	70,0	54,0	37,3	-	-	96,0	158,5	
EVM 32 5-0F5/11	15	11	160M	1,6	110,0	100,0	84,0	67,0	49,0	-	-	96,0	158,5	
EVM 32 6-3F5/11	15	11	160M	1,6	122,0	109,0	87,0	67,5	47,0	-	-	99,0	161,5	
EVM 32 6-2F5/11	15	11	160M	1,6	125,0	113,0	91,5	71,5	51,0	-	-	99,0	161,5	
EVM 32 7-3F5/15	20	15	160M	1,6	144,0	129,0	104,0	81,0	57,0	-	-	102,0	189,1	
EVM 32 7-0F5/15	20	15	160M	1,6	154,0	141,0	118,0	94,0	69,0	-	-	102,0	189,1	
EVM 32 8-3F5/15	20	15	160M	2,5	166,0	150,0	121,0	94,0	67,0	-	-	105,0	192,1	
EVM 32 8-1F5/15	20	15	160M	2,5	172,0	157,0	130,0	103,0	75,0	-	-	105,0	192,1	
EVM 32 9-3F5/18.5	25	18,5	160L	2,5	188,0	170,0	137,0	108,0	76,5	-	-	108,0	205,5	
EVM 32 9-0F5/18.5	25	18,5	160L	2,5	197,0	181,0	152,0	121,0	88,5	-	-	108,0	205,5	
EVM 32 10-3F5/18.5	25	18,5	160L	2,5	210,0	190,0	154,0	121,0	86,5	-	-	112,0	209,5	
EVM 32 10-2F5/18.5	25	18,5	160L	2,5	213,0	193,0	159,0	125,0	90,5	-	-	112,0	209,5	
EVM 32 11-3F5/22	30	22	180	2,5	232,0	210,0	171,0	134,0	96,5	-	-	116,0	279,0	
EVM 32 11-0F5/22	30	22	180	2,5	241,0	221,0	185,0	147,0	108,0	-	-	116,0	279,0	
EVM 32 12-3F5/22	30	22	180	2,5	254,0	230,0	188,0	148,0	106,0	-	-	119,0	282,0	
EVM 32 13-3F5/30	40	30	200	3,0	276,0	250,0	205,0	161,0	116,0	-	-	129,0	357,0	
EVM 32 13-0F5/30	40	30	200	3,0	285,0	261,0	219,0	174,0	128,0	-	-	129,0	357,0	
EVM 32 14-3F5/30	40	30	200	3,0	298,0	270,0	222,0	175,0	126,0	-	-	133,0	361,0	
EVM 32 14-0F5/30	40	30	200	3,0	307,0	281,0	236,0	188,0	138,0	-	-	133,0	361,0	
EVM 45 1-1F5/3.0	4	3	100	1,6	-	18,9	17,6	16,3	14,3	8,3	-	71,0	93,8	
EVM 45 1-0F5/4.0	5,5	4	112	1,6	-	25,6	24,6	23,5	21,8	16,7	13,3	73,0	95,8	
EVM 45 2-2F5/5.5	7,5	5,5	132S	1,6	-	38,1	35,8	33,4	29,8	18,6	-	81,0	119,6	
EVM 45 2-0F5/7.5	10	7,5	132S	1,6	-	51,5	50,0	48,0	45,0	35,4	29,1	81,0	121,4	
EVM 45 3-2F5/11	15	11	160M	1,6	-	64,0	61,0	58,0	53,0	37,3	-	99,0	161,5	
EVM 45 3-0F5/11	15	11	160M	1,6	-	77,5	75,0	72,5	68,0	54,0	45,0	99,0	161,5	
EVM 45 4-2F5/15	20	15	160M	1,6	-	90,0	86,0	82,0	76,0	56,0	43,0	108,0	195,1	
EVM 45 4-0F5/15	20	15	160M	1,6	-	103,0	100,0	96,5	91,0	73,0	60,5	108,0	195,1	
EVM 45 5-2F5/18.5	25	18,5	160L	1,6	-	116,0	111,0	107,0	99,0	74,5	58,5	128,0	225,5	
EVM 45 5-0F5/18.5	25	18,5	160L	1,6	-	129,0	125,0	121,0	114,0	91,5	76,5	128,0	225,5	
EVM 45 6-2F5/22	30	22	180	1,6	-	142,0	137,0	131,0	122,0	93,5	74,5	133,0	296,0	
EVM 45 6-0F5/22	30	22	180	1,6	-	155,0	151,0	146,0	137,0	110,0	92,5	133,0	296,0	
EVM 45 7-2F5/30	40	30	200	2,5	-	168,0	162,0	155,0	145,0	112,0	90,5	139,0	367,0	
EVM 45 7-0F5/30	40	30	200	2,5	-	181,0	176,0	170,0	160,0	129,0	108,0	139,0	367,0	
EVM 45 8-2F5/30	40	30	200	2,5	-	194,0	187,0	180,0	168,0	131,0	106,0	146,0	374,0	
EVM 45 8-0F5/30	40	30	200	2,5	-	207,0	201,0	194,0	183,0	148,0	124,0	146,0	374,0	
EVM 45 9-2F5/30	40	30	200	2,5	-	219,0	212,0	204,0	191,0	150,0	122,0	151,0	379,0	
EVM 45 9-0F5/37	50	37	200	2,5	-	233,0	226,0	219,0	206,0	166,0	140,0	151,0	393,0	
EVM 45 10-2F5/37	50	37	200	3,0	-	245,0	237,0	229,0	214,0	168,0	138,0	156,0	398,0	
EVM 45 10-0F5/37	50	37	200	3,0	-	259,0	251,0	243,0	229,0	185,0	156,0	156,0	398,0	

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

PERFORMANCE TABLE EVM 64

Model	P ₂		Motor Mec	Max. working pressure [MPa]	Q=Flow rate								Weight [kg] Pump Pump + motor	
	[HP]	[kW]			l/min m ³ /h	500 30	600 36	700 42	900 54	1000 60	1200 72	1400 84		
									H=Head [m]					
EVM 64 1-1F5/4.0	5,5	4	100	1,6	21,0	20,4	19,7	17,5	15,9	11,4	-	-	70,4	93,2
EVM 64 1-0F5/5.5	7,5	5,5	132S	1,6	26,6	26,1	25,4	23,7	22,3	18,5	13,5	-	77,0	115,6
EVM 64 2-2F5/7.5	10	7,5	132S	1,6	42,5	41,5	40,5	36,5	33,5	25,3	-	-	81,4	121,8
EVM 64 2-1F5/11	15	11	160M	1,6	48,0	47	46	42,5	40	32,4	23	-	93,5	156,0
EVM 64 2-0F5/11	15	11	160M	1,6	53,5	53	52	49	46,5	39,5	30,6	-	93,5	156,0
EVM 64 3-3F5/15	20	15	160M	1,6	64,0	62,5	61	55,5	51	39,3	-	-	99,0	186,1
EVM 64 3-2F5/15	20	15	160M	1,6	69,5	68	66,5	61,5	57,5	46,5	32,5	-	99,0	186,1
EVM 64 3-1F5/15	20	15	160M	1,6	75,0	74	72,5	68	64	53,5	40	-	99,0	186,1
EVM 64 3-0F5/18.5	25	18,5	160L	1,6	80,5	79,5	78	74	70,5	60,5	47,5	-	99,0	196,5
EVM 64 4-3F5/18.5	25	18,5	160L	1,6	91,0	89	87	80,5	75,5	60,5	42	-	108,0	205,5
EVM 64 4-2F5/18.5	25	18,5	160L	1,6	96,5	95	93	87	81,5	67,5	49,5	-	108,0	205,5
EVM 64 4-1F5/22	30	22	180	1,6	102,0	101	98,5	93	88	74,5	57	-	116,0	279,0
EVM 64 4-0F5/22	30	22	180	1,6	108,0	106	104	99,0	94,5	81,5	64,5	-	116,0	279,0
EVM 64 5-3F5/30	40	30	200	1,6	118,0	116	114	106	99,5	81,5	59,0	-	128,0	356,0
EVM 64 5-2F5/30	40	30	200	1,6	124,0	122	119	112	106	88,5	66,5	-	128,0	356,0
EVM 64 5-1F5/30	40	30	200	1,6	129,0	127	125	118	112	95,5	74,0	-	128,0	356,0
EVM 64 5-0F5/30	40	30	200	1,6	135,0	133	131	124	119	103	81,5	-	128,0	356,0
EVM 64 6-3F5/30	40	30	200	1,6	145,0	143	140	131	124	103	76,0	-	136,0	364,0
EVM 64 6-2F5/30	40	30	200	2,5	151,0	148	146	137	130	110	83,5	-	136,0	364,0
EVM 64 6-1F5/37	50	37	200	2,5	156,0	154	151	143	136	117	91,0	-	136,0	378,0
EVM 64 6-0F5/37	50	37	200	2,5	162,0	160	157	149	143	124	99,0	-	136,0	378,0
EVM 64 7-3F5/37	50	37	200	2,5	172,0	169	166	156	148	124	93,0	-	139,0	381,0
EVM 64 7-2F5/37	50	37	200	2,5	178,0	175	172	162	154	131	101	-	139,0	381,0
EVM 64 7-1F5/37	50	37	200	2,5	183,0	181	178	168	161	138	108	-	139,0	381,0

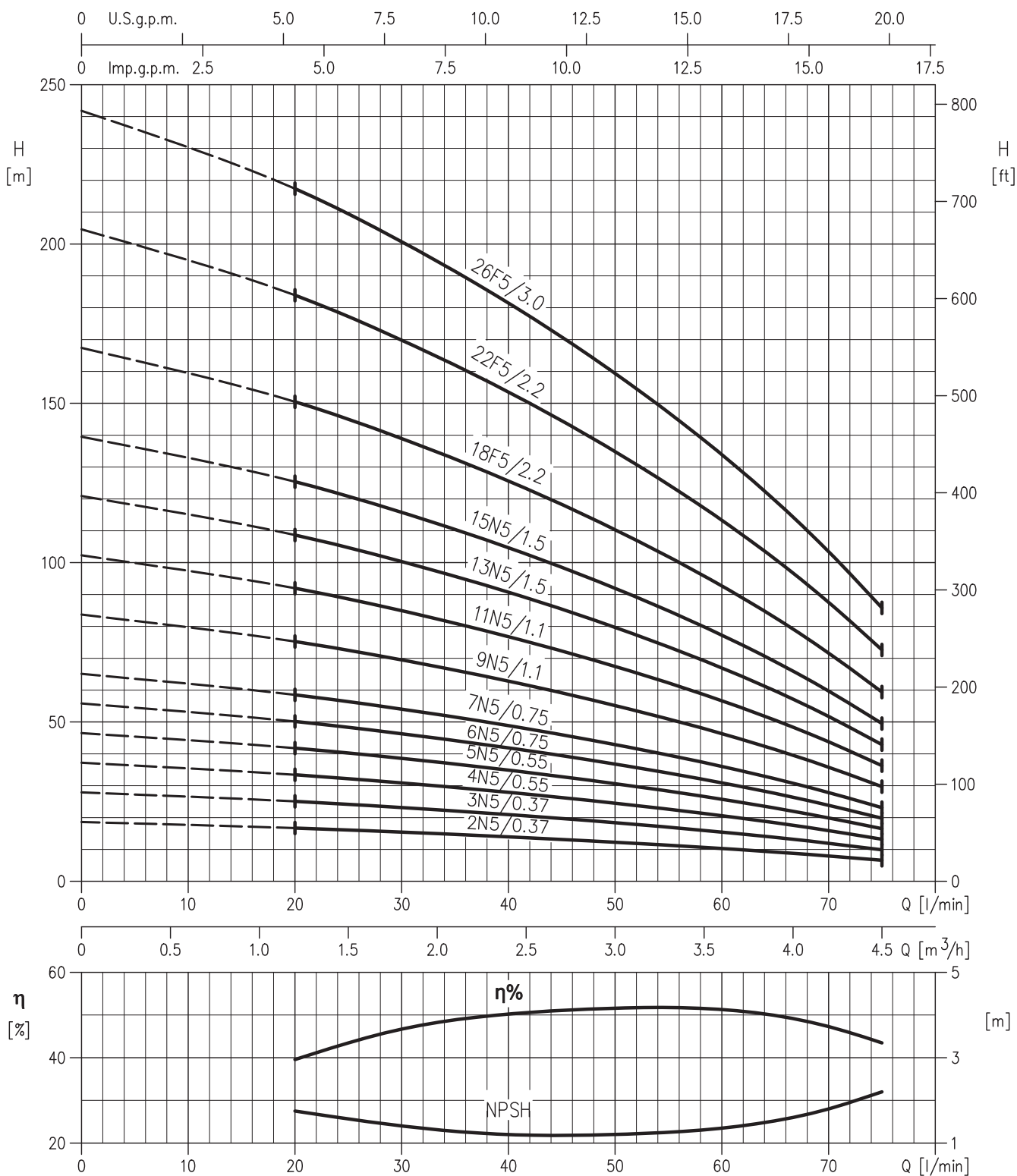
1,6 MPa= 16 bar
2,5 MPa= 25 bar

The contents of this publication must not be regarded as binding. EBARA Pumps Europe S.p.A. reserves the right to effect any modification it deems necessary, without prior notice.

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

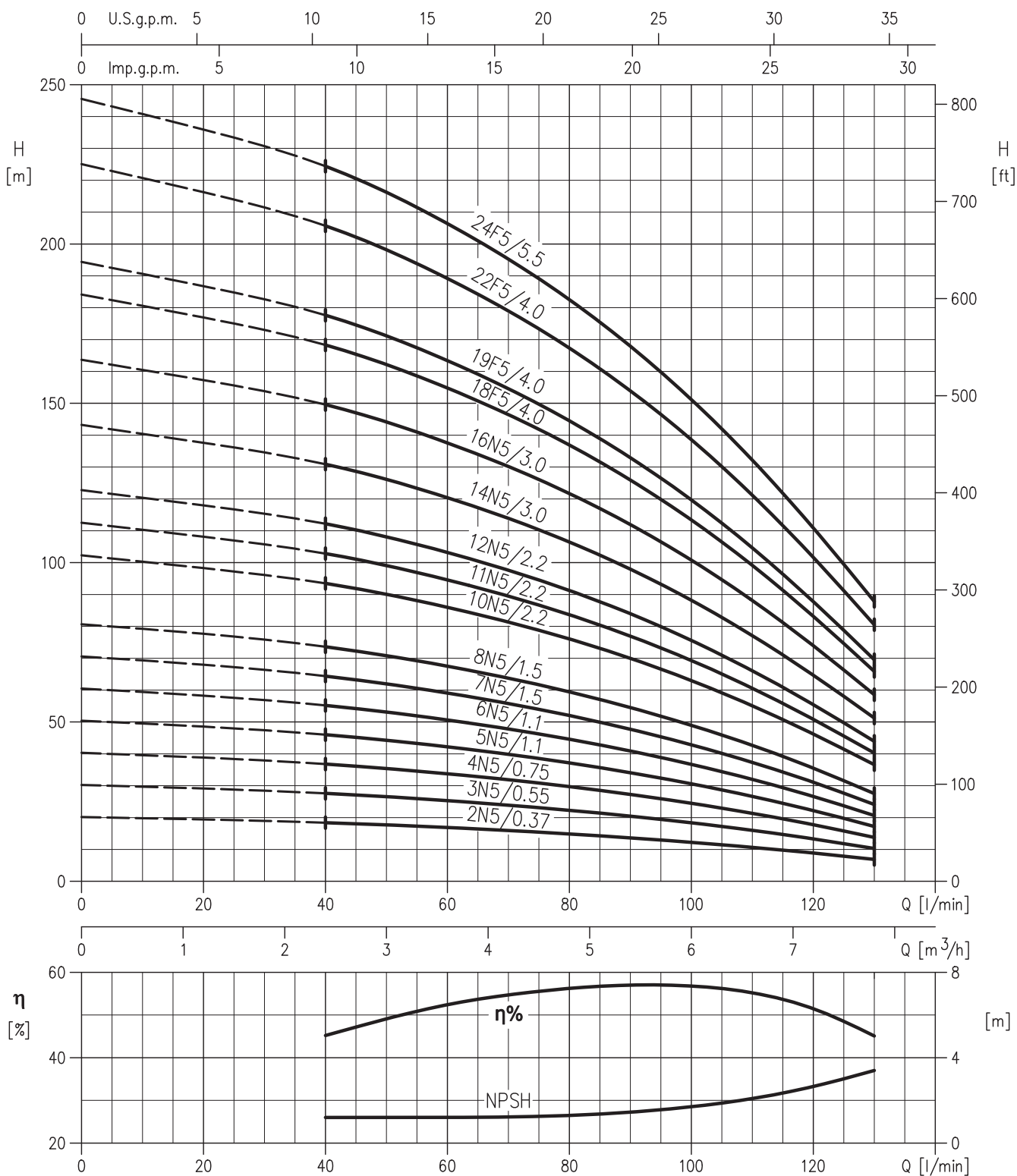
PERFORMANCE CURVES EVM 3 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

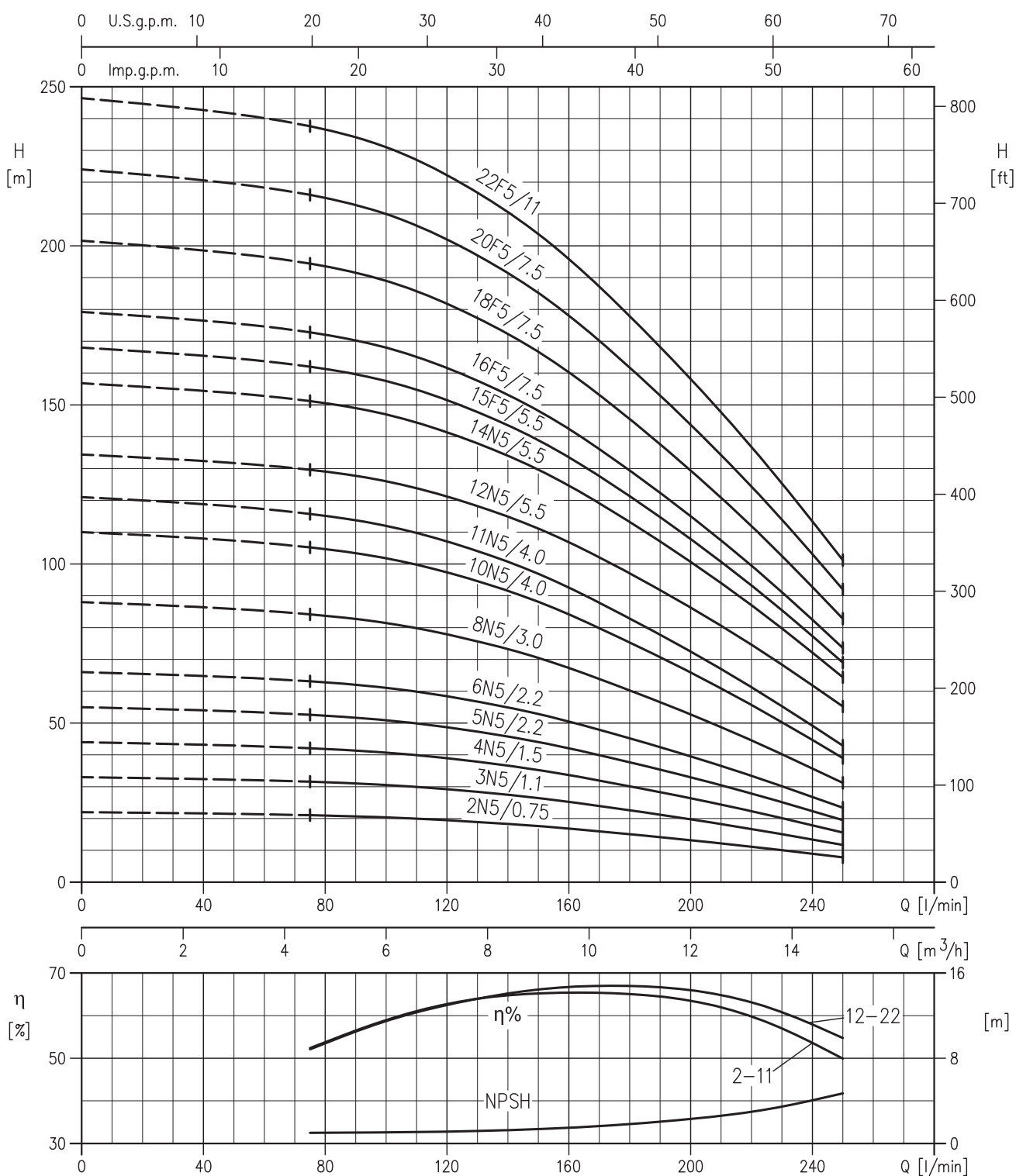
PERFORMANCE CURVES EVM 5 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

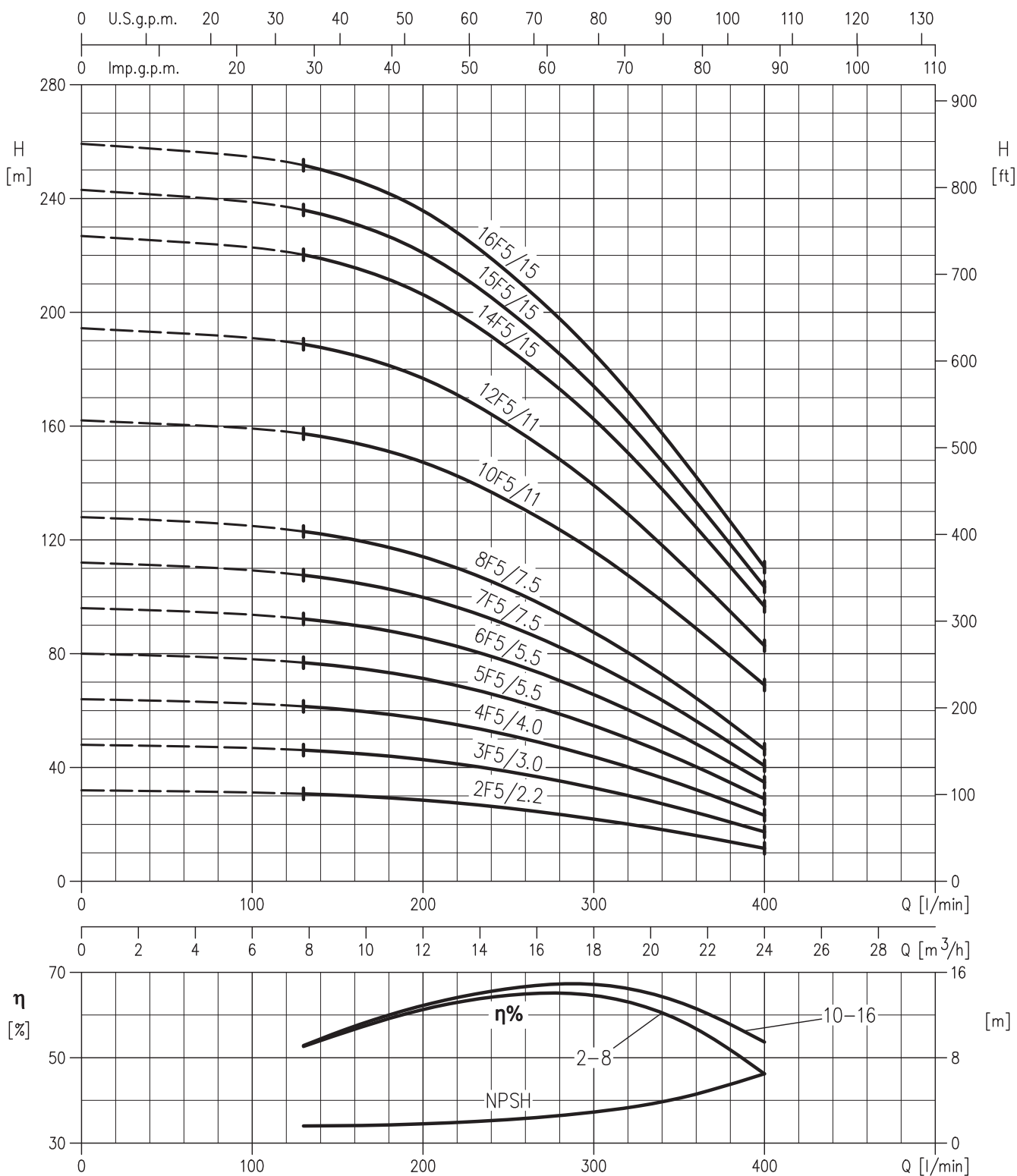
PERFORMANCE CURVES EVM 10 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

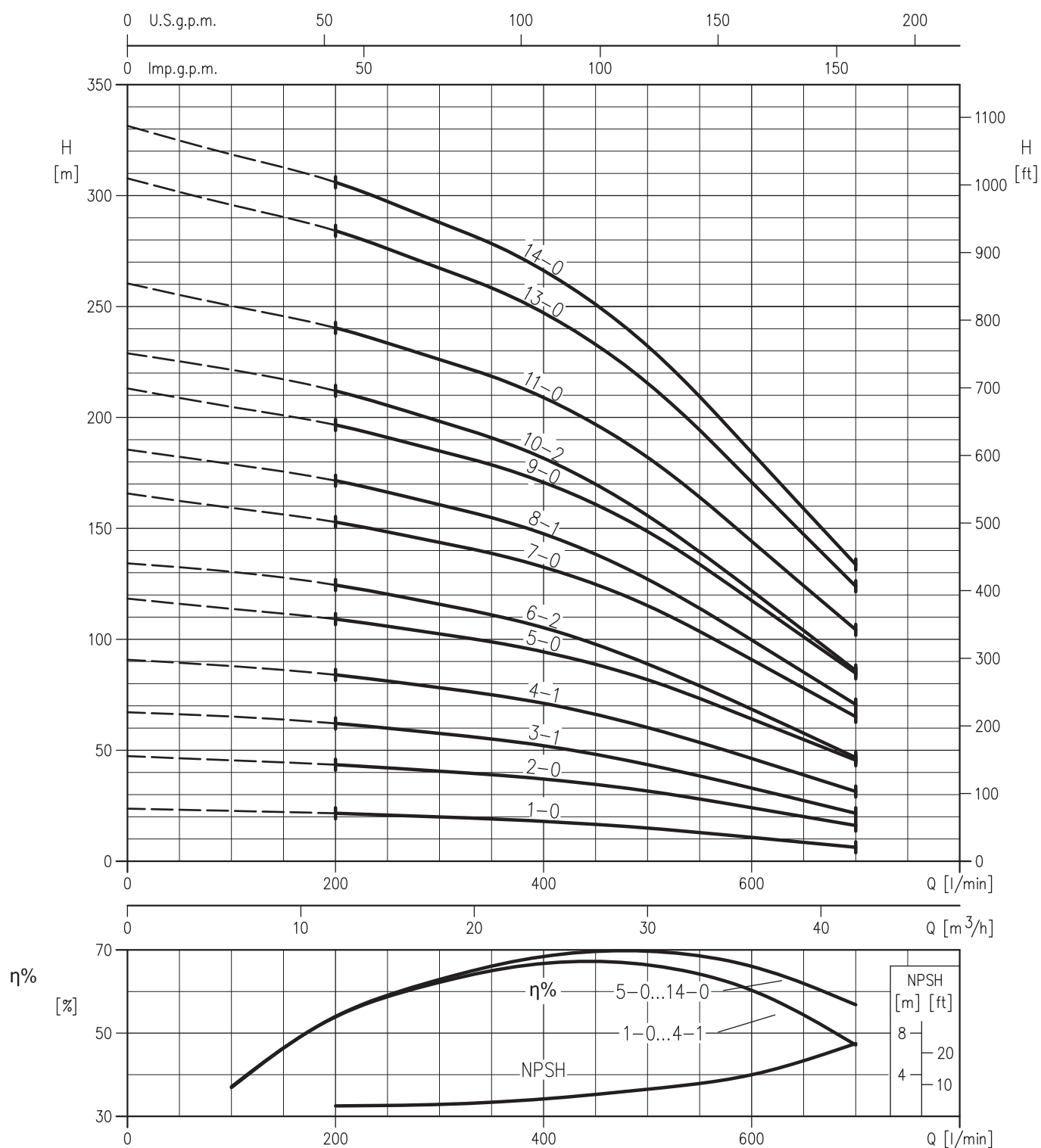
PERFORMANCE CURVES EVM 18 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

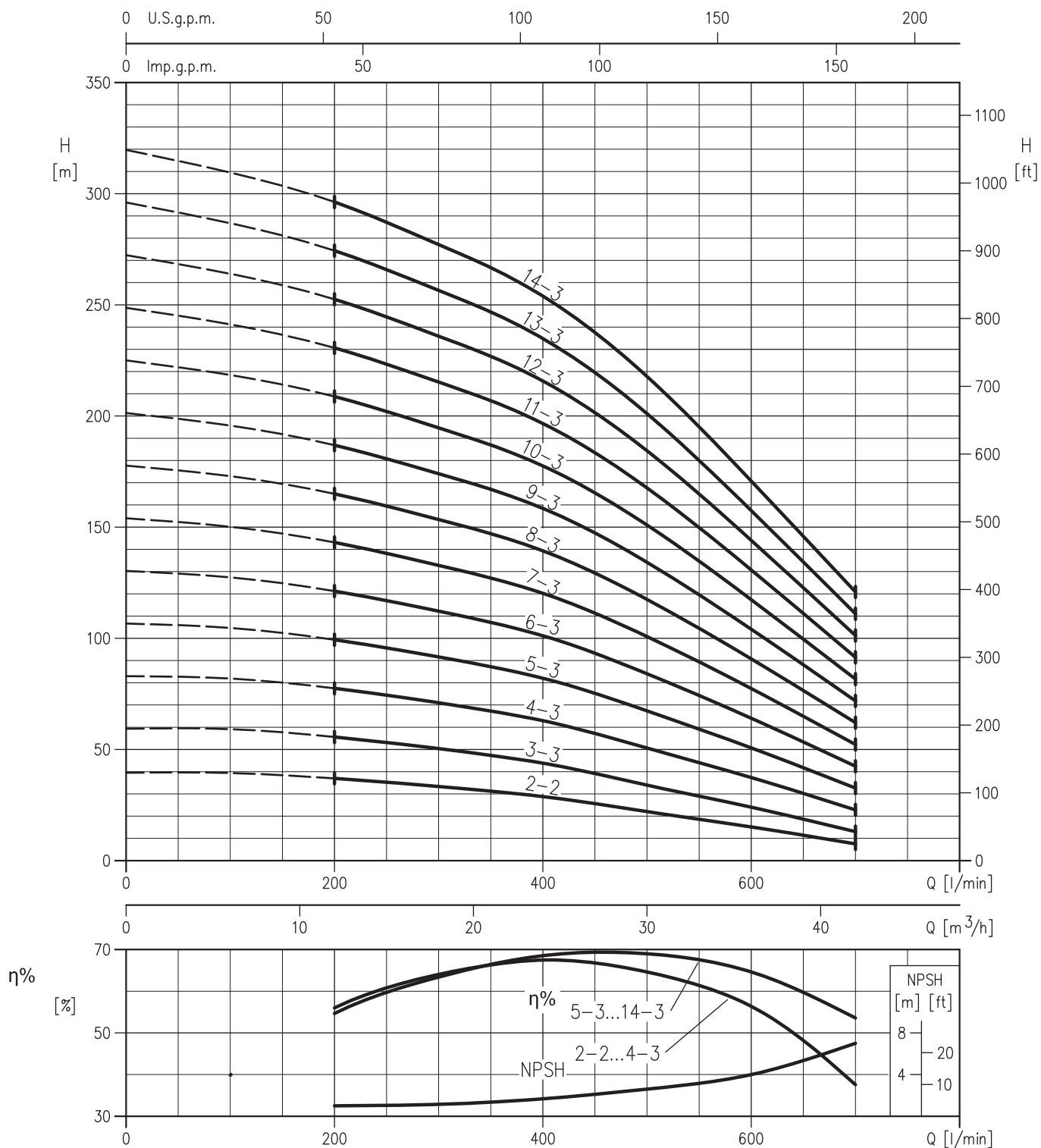
PERFORMANCE CURVES EVM 32 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

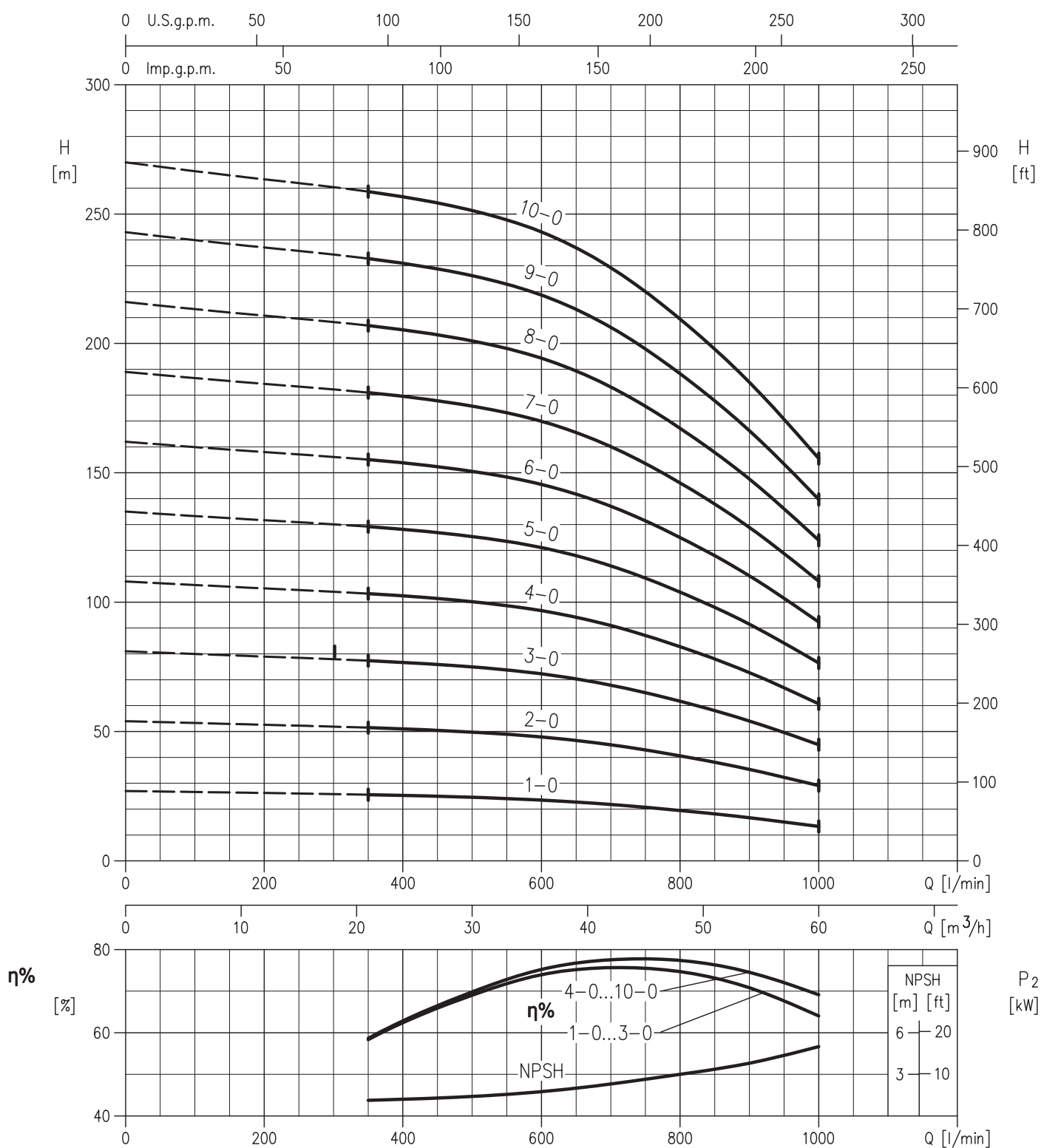
PERFORMANCE CURVES EVM 32 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

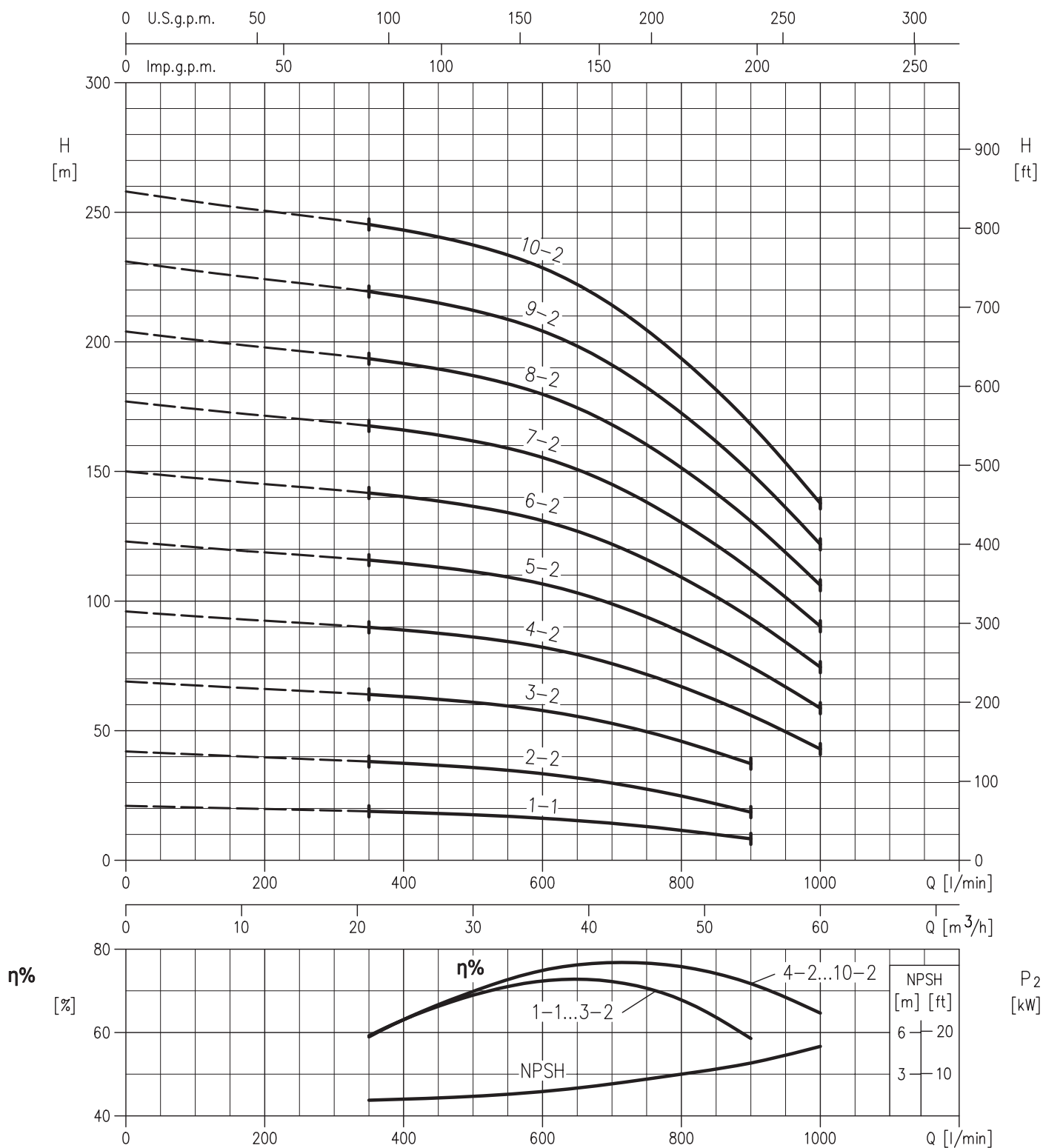
PERFORMANCE CURVES EVM 45 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

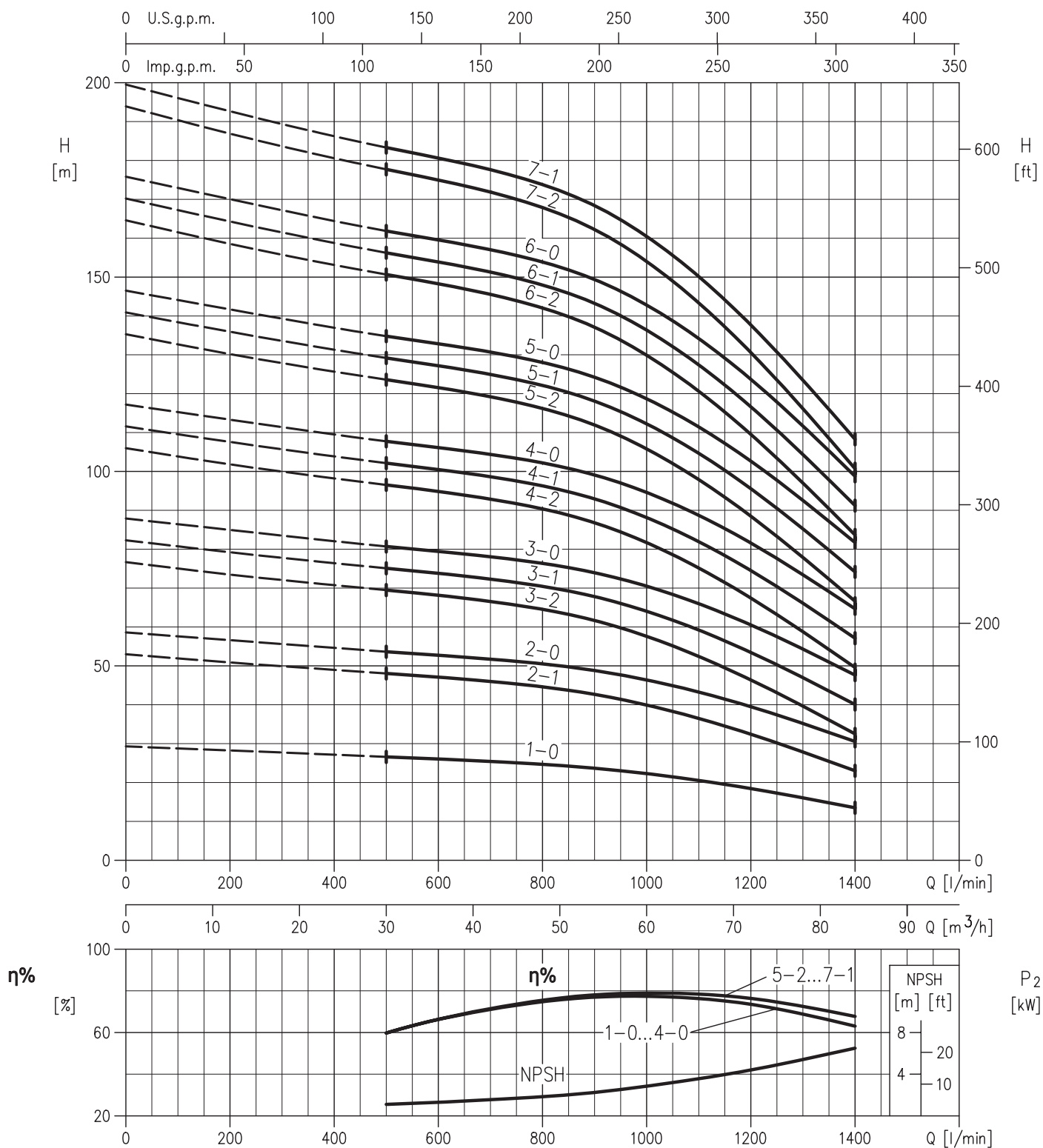
PERFORMANCE CURVES EVM 45 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

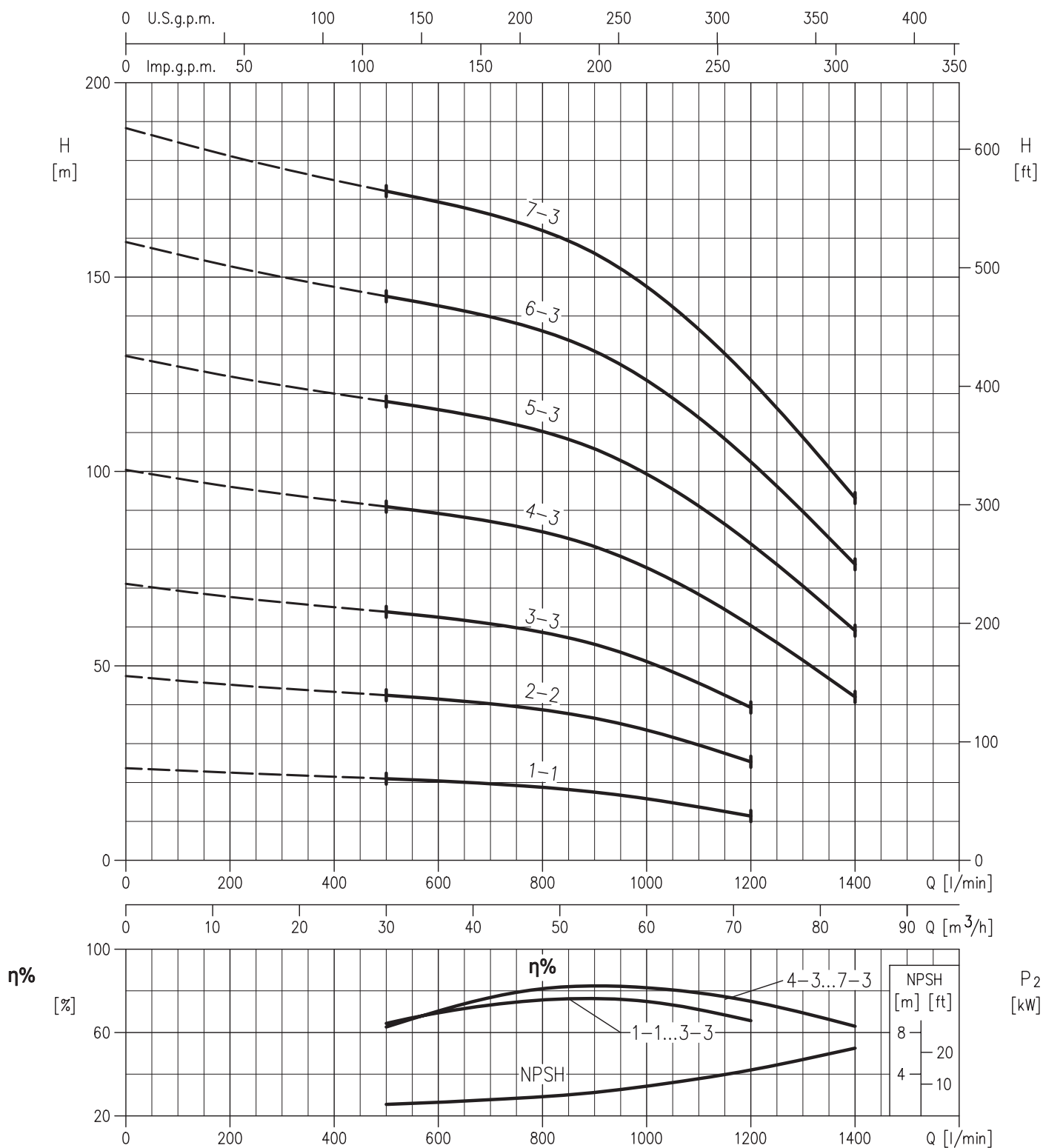
PERFORMANCE CURVES EVM 64 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

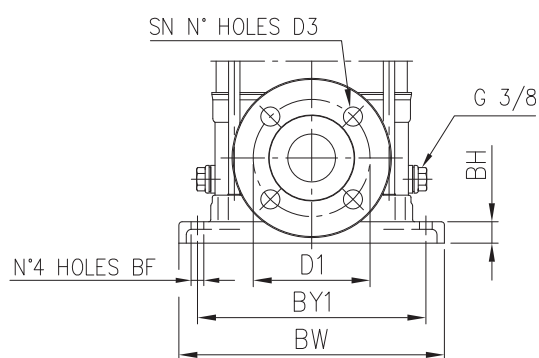
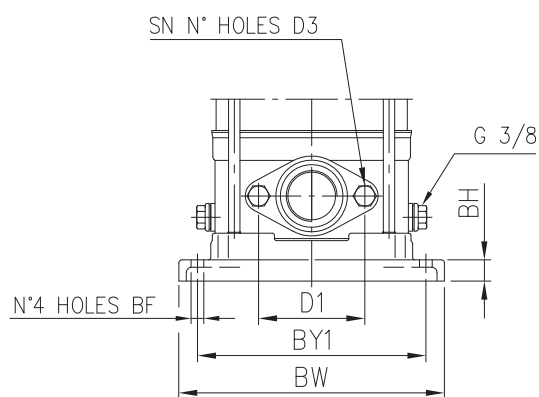
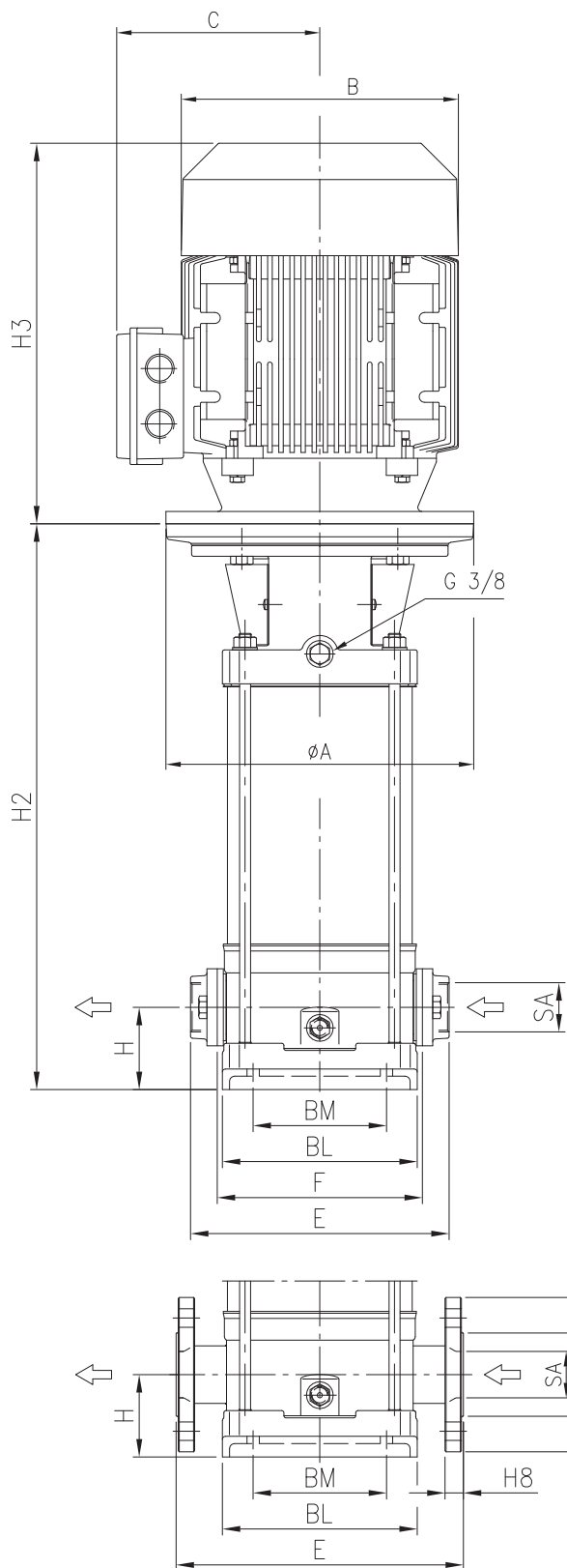
PERFORMANCE CURVES EVM 64 SERIES (according to ISO 9906 Attachment A)



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

DIMENSIONS EVM 3-5-10-18



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

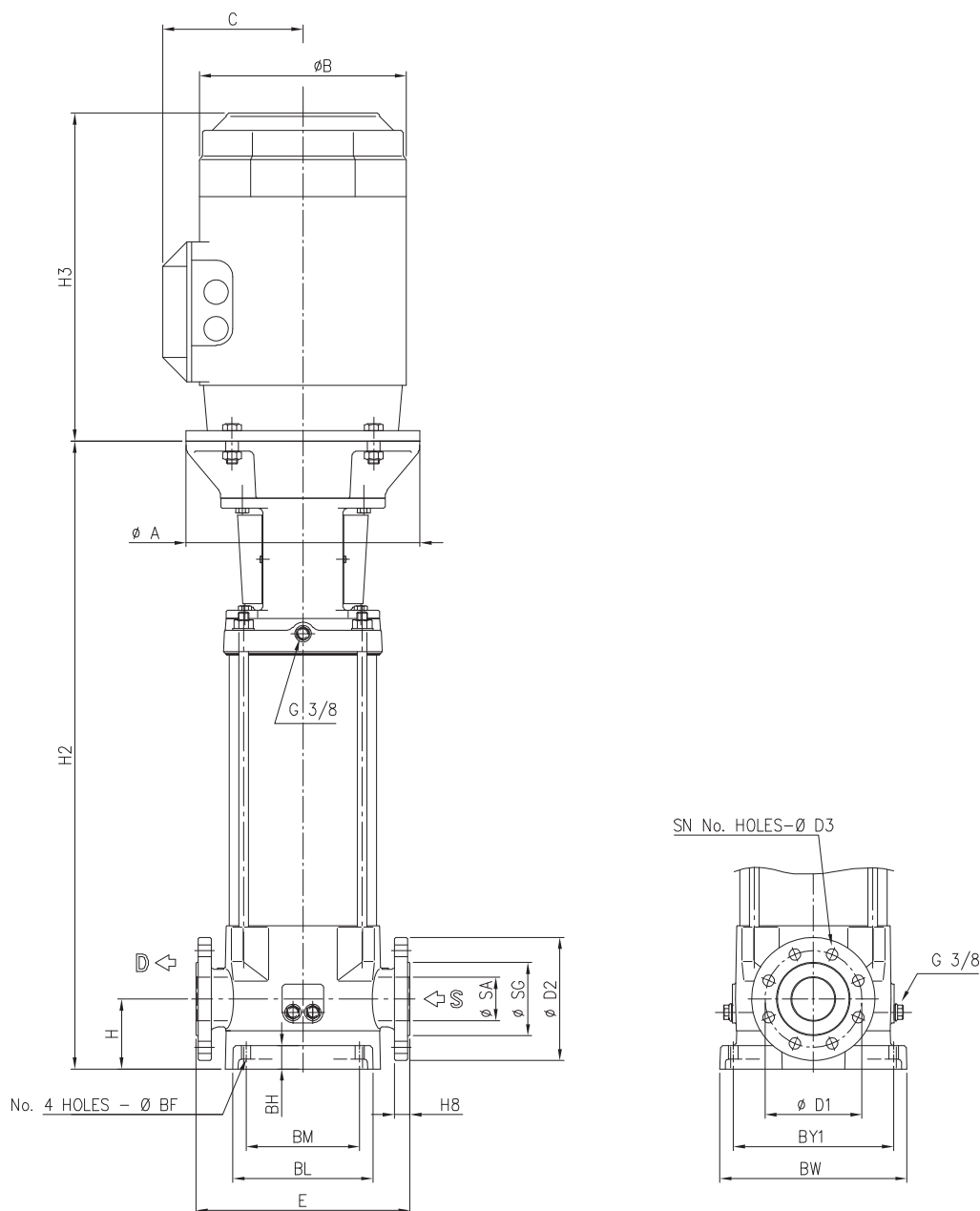
DIMENSIONAL TABLE

Model	Mot. Mec	P. max. [MPa]	H	H2	H3		F	E	B		C		Dimensions [mm]				SA	SG	D1	D2	H8	SN	D3	BF	BH	A
					[2]	[1]			[2]	[1]	BM	BL	BY1	BW												
EVM 3 2N5/0.37 (M)	71	1,6	50	241	215	215	160	206	142	142	129	114	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø105
EVM 3 3N5/0.37 (M)	71	1,6	50	262	215	215	160	206	142	142	129	114	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø105
EVM 3 4N5/0.55 (M)	71	1,6	50	283	215	215	160	206	142	142	129	114	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø105
EVM 3 5N5/0.55 (M)	71	1,6	50	304	215	215	160	206	142	142	129	114	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø105
EVM 3 6N5/0.75 (M)	80	1,6	50	335	232	232	160	206	160	160	150	139	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø120
EVM 3 7N5/0.75 (M)	80	1,6	50	356	232	232	160	206	160	160	150	139	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø120
EVM 3 9N5/1.1 (M)	80	1,6	50	398	232	232	160	206	160	160	150	139	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø120
EVM 3 11N5/1.1 (M)	80	1,6	50	440	232	232	160	206	160	160	150	139	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø120
EVM 3 13N5/1.5 (M)	90S	1,6	50	492	278	267	160	206	172	180	140	148	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø140
EVM 3 15N5/1.5 (M)	90S	1,6	50	534	278	267	160	206	172	180	140	148	100	149	180	210	G1	-	75	-	-	2	M10	Ø12	20	Ø140
EVM 3 18F5/2.2 (M)	90L	2,5	75	632	278	267	-	250	172	180	140	148	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø140
EVM 3 22F5/2.2 (M)	90L	2,5	75	716	278	267	-	250	172	180	140	148	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø140
EVM 3 26F5/3.0	100	2,5	75	810	-	306	-	250	-	196	-	155	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø160
EVM 5 2N5/0.37 (M)	71	1,6	50	255	215	215	160	206	142	142	129	114	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø105
EVM 5 3N5/0.55 (M)	71	1,6	50	283	215	215	160	206	142	142	129	114	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø105
EVM 5 4N5/0.75 (M)	80	1,6	50	321	232	232	160	206	160	160	150	139	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø120
EVM 5 5N5/1.1 (M)	80	1,6	50	349	232	232	160	206	160	160	150	139	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø120
EVM 5 6N5/1.1 (M)	80	1,6	50	377	232	232	160	206	160	160	150	139	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø120
EVM 5 7N5/1.5 (M)	90S	1,6	50	415	278	267	160	206	172	180	140	148	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø140
EVM 5 8N5/1.5 (M)	90S	1,6	50	443	278	267	160	206	172	180	140	148	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø140
EVM 5 10N5/2.2 (M)	90L	1,6	50	509	278	267	160	206	172	180	140	148	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø140
EVM 5 11N5/2.2 (M)	90L	1,6	50	537	278	267	160	206	172	180	140	148	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø140
EVM 5 12N5/2.2 (M)	90L	1,6	50	565	278	267	160	206	172	180	140	148	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø140
EVM 5 14N5/3.0	100	1,6	50	631	-	306	160	206	-	196	-	155	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø160
EVM 5 16N5/3.0	100	1,6	50	687	-	306	160	206	-	196	-	155	100	149	180	210	G1½	-	75	-	-	2	M10	Ø12	20	Ø160
EVM 5 18F5/4.0	112	2,5	75	768	-	306	-	250	-	196	-	155	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160
EVM 5 19F5/4.0	112	2,5	75	796	-	306	-	250	-	196	-	155	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160
EVM 5 22F5/4.0	112	2,5	75	880	-	306	-	250	-	196	-	155	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160
EVM 5 24F5/5.5	132	2,5	75	947	-	328	-	250	-	220	-	161	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø300
EVM 10 2N5/0.75 (M)	80	1,6	80	333	232	232	200	252	160	160	150	139	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø120
EVM 10 3N5/1.1 (M)	80	1,6	80	363	232	232	200	252	160	160	150	139	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø120
EVM 10 4N5/1.5 (M)	90S	1,6	80	403	278	267	200	252	172	180	140	148	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø140
EVM 10 5N5/2.2 (M)	90L	1,6	80	443	278	267	200	252	172	180	140	148	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø140
EVM 10 6N5/2.2 (M)	90L	1,6	80	473	278	267	200	252	172	180	140	148	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø140
EVM 10 8N5/3.0	100	1,6	80	543	-	306	200	252	-	196	-	155	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø160
EVM 10 10N5/4.0	112	1,6	80	603	-	306	200	252	-	196	-	155	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø160
EVM 10 11N5/4.0	112	1,6	80	633	-	306	200	252	-	196	-	155	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø160
EVM 10 12N5/5.5	132	1,6	80	674	-	328	200	252	-	220	-	161	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø300
EVM 10 14N5/5.5	132	1,6	80	734	-	328	200	252	-	220	-	161	130	190	215	250	G1½	-	100	-	-	2	M12	Ø12	20	Ø300
EVM 10 15F5/5.5	132	2,5	80	764	-	328	-	280	-	220	-	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300
EVM 10 16F5/7.5	132	2,5	80	794	-	328	-	280	-	220	-	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300
EVM 10 18F5/7.5	132	2,5	80	854	-	328	-	280	-	220	-	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300
EVM 10 20F5/7.5	132	2,5	80	914	-	328	-	280	-	220	-	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300
EVM 10 22F5/11	160M	2,5	80	1004	-	403	-	280	-	248	-	195	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø350
EVM 18 2F5/2.2 (M)	90L	1,6	90	373	278	267	-	300	172	180	140	148	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø140
EVM 18 3F5/3.0	100	1,6	90	423	-	306	-	300	-	196	-	155	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø160
EVM 18 4F5/4.0	112	1,6	90	473	-	306	-	300	-	196	-	155	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø160
EVM 18 5F5/5.5	132	1,6	90	524	-	328	-	300	-	220	-	161	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø			

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

DIMENSIONS EVM 32-45-64



DIMENSIONAL TABLE

Model	Mot.	P. max. [MPa]	Dimensions [mm]																			
	H		H2	H3 [1]	E	B [1]	C [1]	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A	
EVM 32 1-0F5/2.2	90L	1,6	105	493	267	320	180	148	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	140
EVM 32 2-2F5/3.0	100	1,6	105	503	306	320	196	155	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	160
EVM 32 2-0F5/4.0	112	1,6	105	503	306	320	196	155	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	160
EVM 32 3-3F5/5.5	132	1,6	105	572	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300
EVM 32 3-1F5/5.5	132	1,6	105	572	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300
EVM 32 4-3F5/7.5	132	1,6	105	620	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300
EVM 32 4-1F5/7.5	132	1,6	105	620	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300
EVM 32 5-3F5/11	160M	1,6	105	799	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM 32 5-0F5/11	160M	1,6	105	799	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

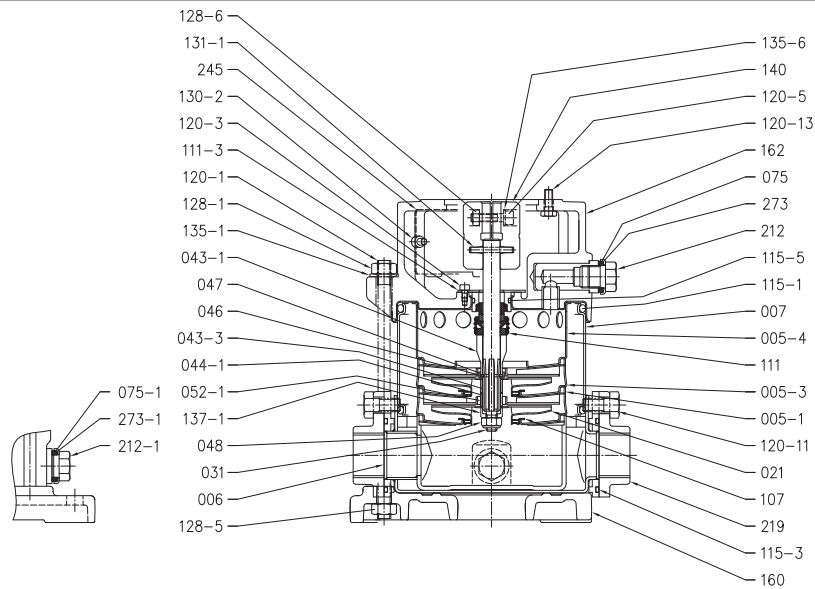
DIMENSIONAL TABLE

Model	Mot. Mec	P. max. [MPa]	Dimensions [mm]																			
			H	H2	H3 [1]	E	B [1]	C [1]	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A
EVM 32 6-3F5/11	160M	1,6	105	847	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM 32 6-2F5/11	160M	1,6	105	847	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM 32 7-3F5/15	160M	1,6	105	895	498	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM 32 7-0F5/15	160M	1,6	105	895	498	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350
EVM 32 8-3F5/15	160M	2,5	105	943	498	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 8-1F5/15	160M	2,5	105	943	498	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 9-3F5/18.5	160L	2,5	105	991	542	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 9-0F5/18.5	160L	2,5	105	991	542	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 10-3F5/18.5	160L	2,5	105	1039	542	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 10-2F5/18.5	160L	2,5	105	1039	542	320	317	238	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 11-3F5/22	180	2,5	105	1087	577	320	360	268	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 11-0F5/22	180	2,5	105	1087	577	320	360	268	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 12-3F5/22	180	2,5	105	1135	577	320	360	268	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350
EVM 32 13-3F5/30	200	3,0	105	1198	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM 32 13-0F5/30	200	3,0	105	1198	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM 32 14-3F5/30	200	3,0	105	1246	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM 32 14-0F5/30	200	3,0	105	1246	658	320	399	300	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400
EVM 45 1-1F5/3.0	100	1,6	140	525	306	365	196	155	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	160
EVM 45 1-0F5/4.0	112	1,6	140	525	306	365	196	155	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	160
EVM 45 2-2F5/5.5	132	1,6	140	618	328	365	220	161	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	300
EVM 45 2-0F5/7.5	132	1,6	140	618	328	365	220	161	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	300
EVM 45 3-2F5/11	160M	1,6	140	821	403	365	248	195	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM 45 3-0F5/11	160M	1,6	140	821	403	365	248	195	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM 45 4-2F5/15	160M	2,5	140	893	498	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM 45 4-0F5/15	160M	2,5	140	893	498	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM 45 5-2F5/18.5	160L	2,5	140	965	542	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM 45 5-0F5/18.5	160L	2,5	140	965	542	365	317	238	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM 45 6-2F5/22	180	2,5	140	1037	577	365	360	268	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM 45 6-0F5/22	180	2,5	140	1037	577	365	360	268	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350
EVM 45 7-2F5/30	200	2,5	140	1124	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM 45 7-0F5/30	200	2,5	140	1124	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM 45 8-2F5/30	200	2,5	140	1196	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM 45 8-0F5/30	200	2,5	140	1196	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM 45 9-2F5/30	200	2,5	140	1269	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM 45 9-0F5/37	200	2,5	140	1269	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM 45 10-2F5/37	200	3,0	140	1341	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM 45 10-0F5/37	200	3,0	140	1341	658	365	399	300	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400
EVM 64 1-1F5/4.0	112	1,6	140	525	306	365	196	155	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	160
EVM 64 1-0F5/5.5	132	1,6	140	546	328	365	220	161	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	300
EVM 64 2-2F5/7.5	132	1,6	140	618	328	365	220	161	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	300
EVM 64 2-1F5/11	160M	1,6	140	749	403	365	248	195	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 2-0F5/11	160M	1,6	140	749	403	365	248	195	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 3-3F5/15	160M	1,6	140	821	498	365	317	238	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 3-2F5/15	160M	1,6	140	821	498	365	317	238	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 3-1F5/15	160M	1,6	140	821	498	365	317	238	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 3-0F5/18.5	160L	1,6	140	821	542	365	317	238	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 4-3F5/18.5	160L	1,6	140	893	542	365	317	238	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 4-2F5/18.5	160L	1,6	140	893	542	365	317	238	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 4-1F5/22	180	1,6	140	893	577	365	360	268	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 4-0F5/22	180	1,6	140	893	577	365	360	268	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350
EVM 64 5-3F5/30	200	1,6	140	980	658	365	399	300	190	251	266	331	Ø100	Ø140								

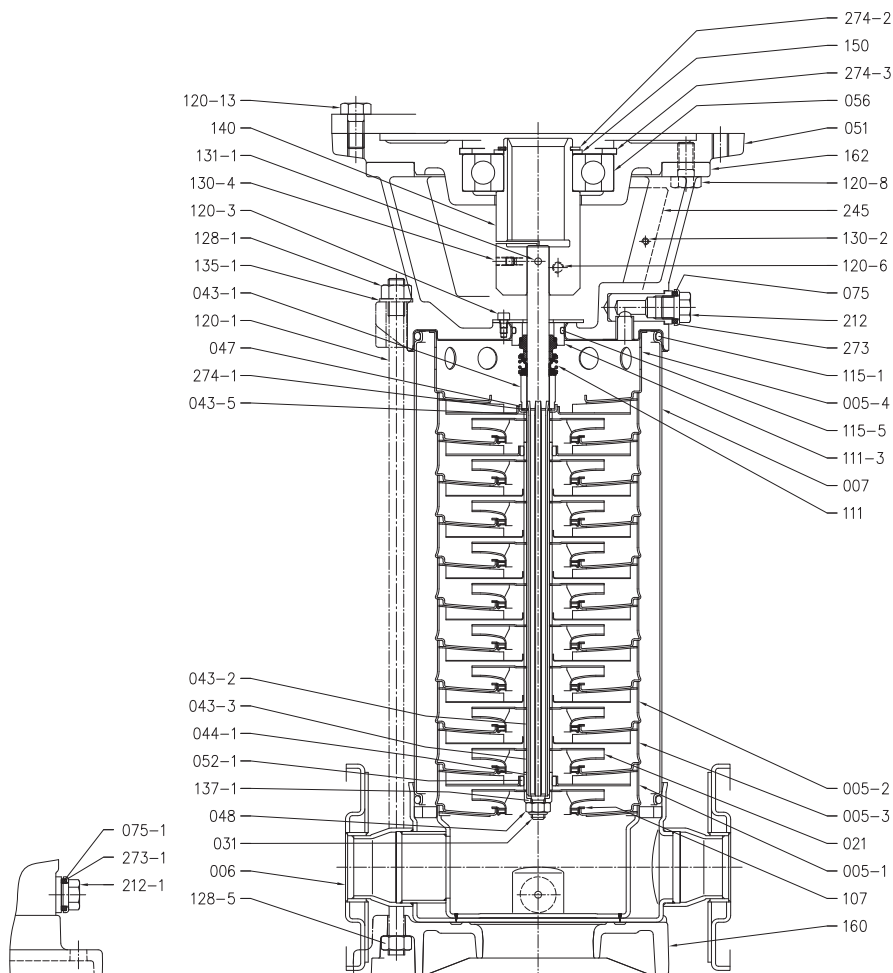
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

SECTIONAL VIEW EVM(L) 3-18 Pump without bearings



SECTIONAL VIEW EVM(L) 3-18 Pump with single ball bearing



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

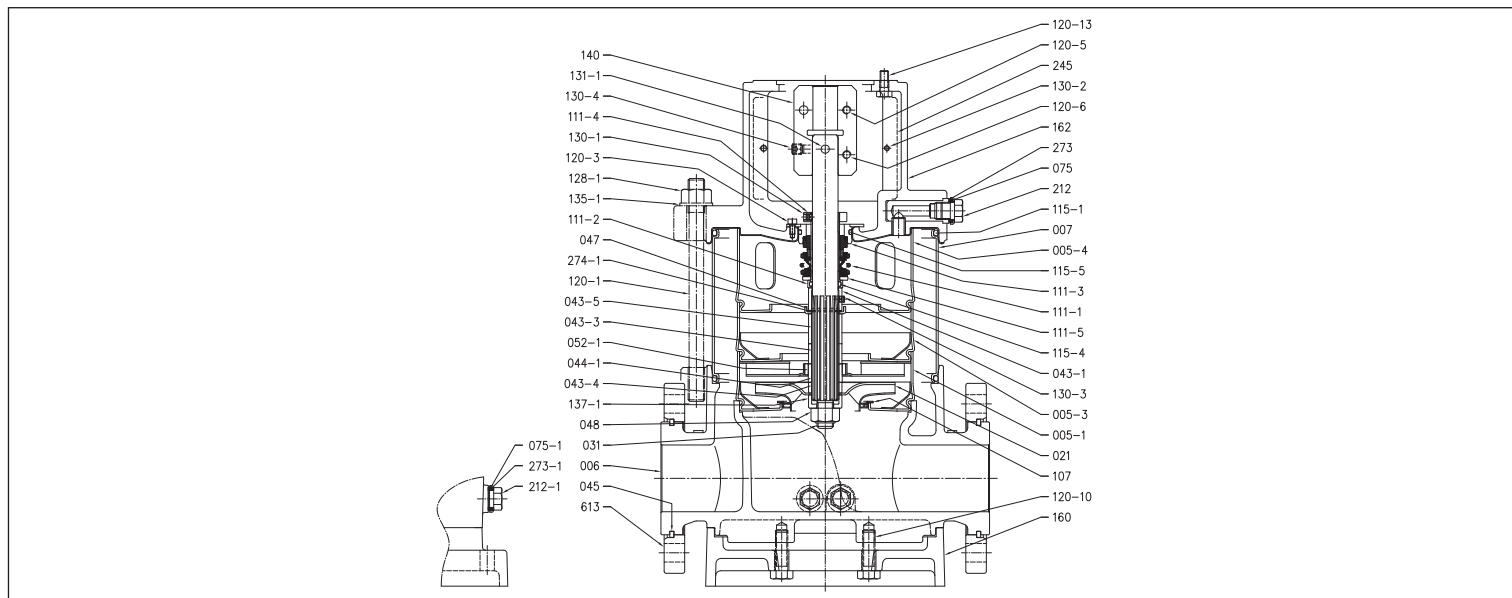
MATERIALS TABLE EVM(L) 3-18

Ref.	Name	Materials	
		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 casing	EN 1.4301(AISI 304)	EN 1.4401 (AISI 316)
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	
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	Casing ring	PTFE/EN 1.4301(AISI 304)	PTFE/EN 1.4401 (AISI 316)
111	Mechanical seal	SiC/Carbon/EPDM	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	Die cast Aluminium EN AB-AISI11Cu2 (Fe) (up to 1.5kW) Brass OT 58 UNI 5705 (from 2.2kW and above)	
160	Pump body base	Die cast Aluminium EN AB-AISI11Cu2 (Fe)	
162	Motor bracket	Cast iron + EN 1.4301(AISI 304)	Cast iron + EN 1.4401 (AISI 316)
212	Plug	EN 1.4301(AISI 304)	EN 1.4401 (AISI 316)
273	Washer	EN 1.4301(AISI 304)	EN 1.4401 (AISI 316)

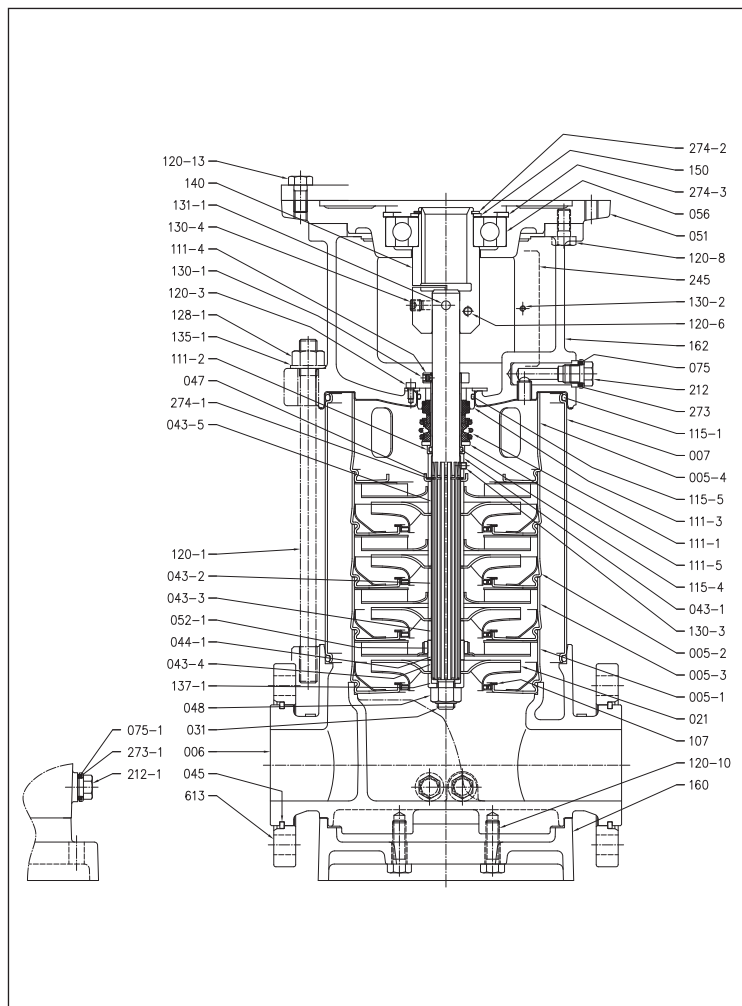
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

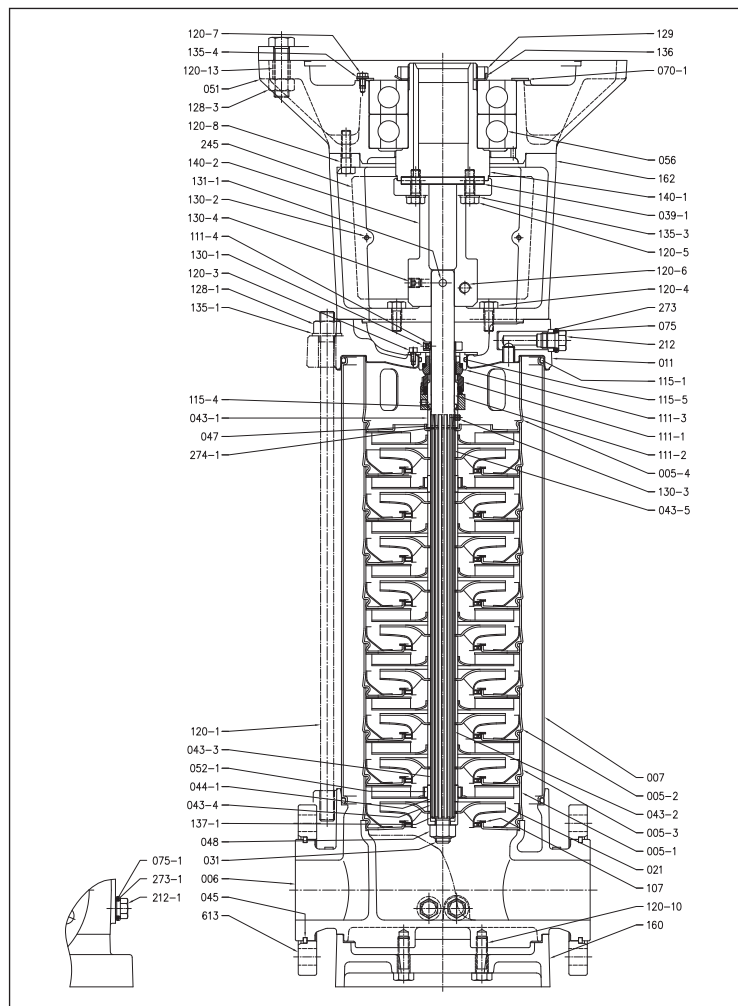
SECTIONAL VIEW EVM(L) 32 Pump without bearings



SECTIONAL VIEW EVM(L) 32 Pump with single ball bearing



SECTIONAL VIEW EVM(L) 32 Pump with double ball bearing



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

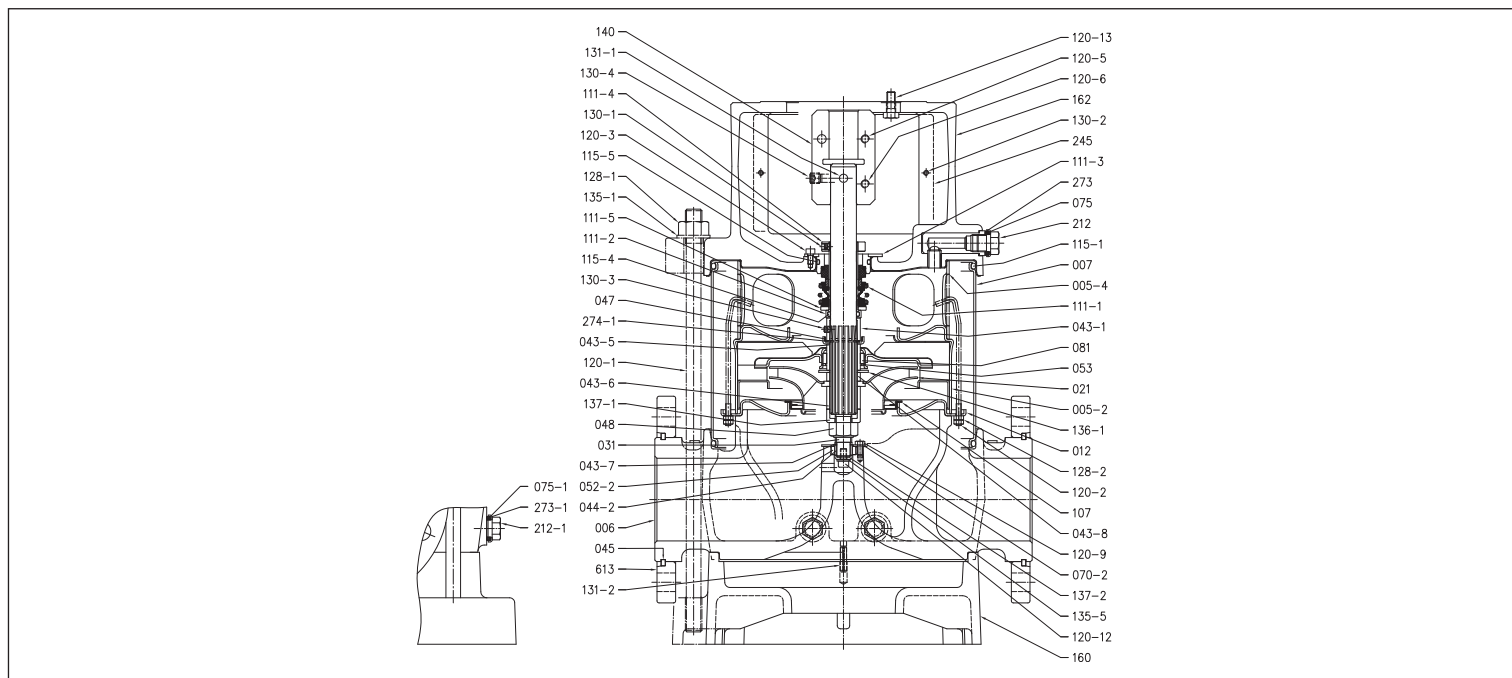
MATERIALS TABLE EVM(L) 32

Ref.	Name	Materials	
		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 casing	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 1.4301(AISI 304)	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	Casing ring	PTFE/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	Mechanical seal seat	EN 1.4301(AISI 304)	EN 1.4401 (AISI 316)
111-4	Seal 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	Joint motor	Carbon	
140-2	Joint	Carbon	
160	Pump body base	Cast iron EN-GJL-200-EN 1561	
162	Motor bracket	Cast iron EN-GJL-200-EN 1561	
212	Plug	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	

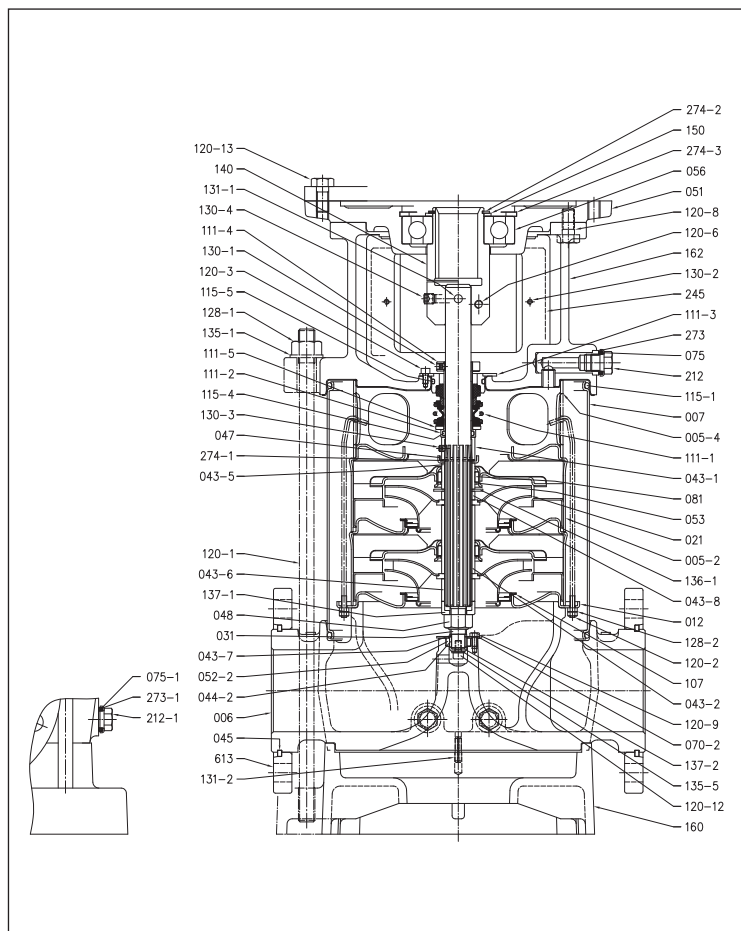
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

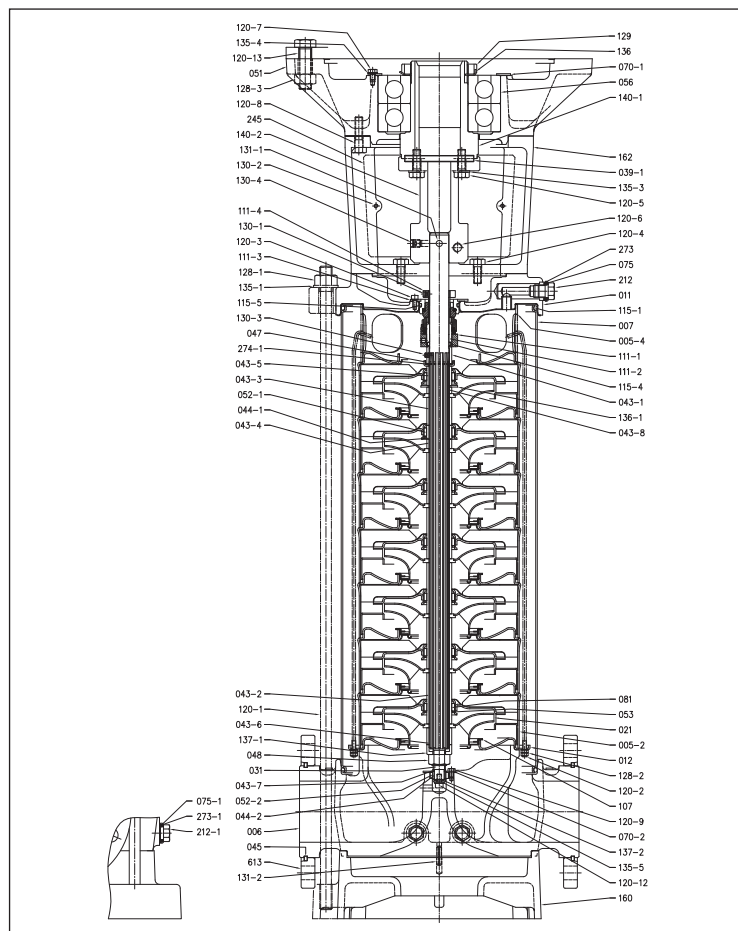
SECTIONAL VIEW EVM(L) 45-64 Pump without bearings



SECTIONAL VIEW EVM(L) 45-64 Pump with single ball bearing



SECTIONAL VIEW EVM(L) 45-64 Pump with double ball bearing



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

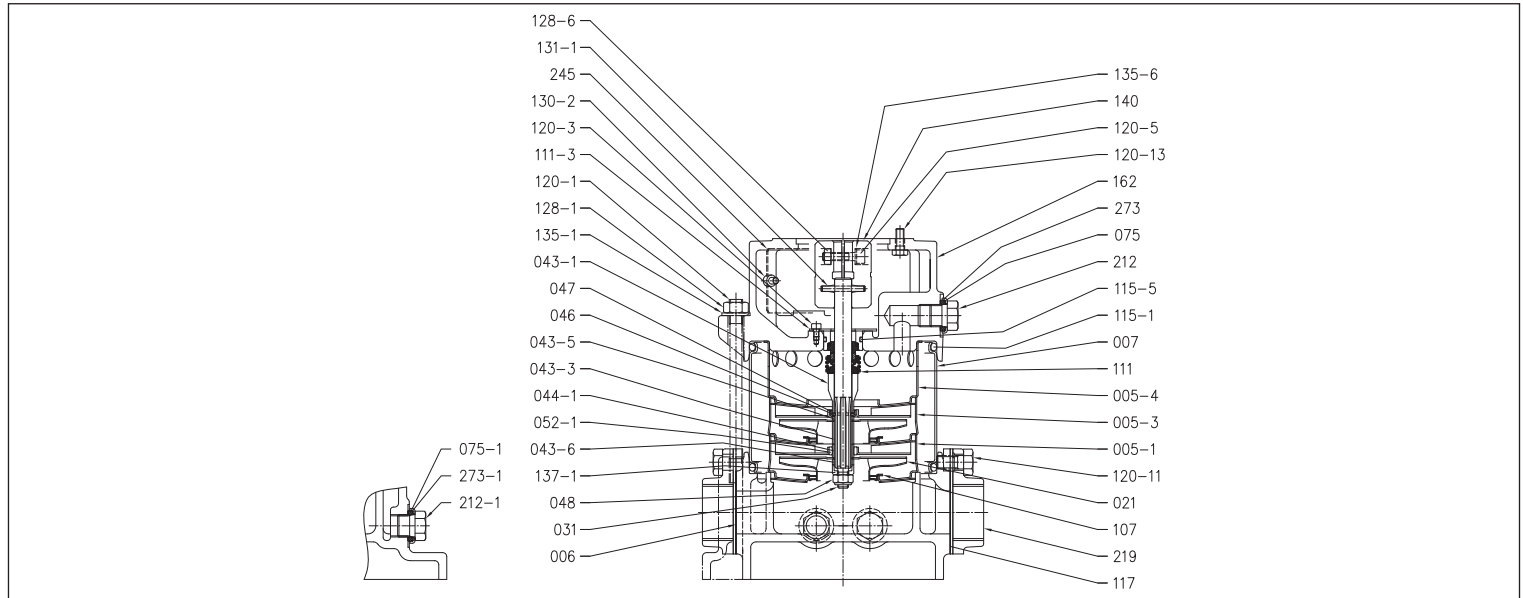
MATERIALS TABLE EVM(L) 45-64

Ref.	Name	Materials	
		EVM	EVML
005-4	Final stage	EN 1.4301(AISI 304)	EN 1.4401 (AISI 316)
006	Pump casing	EN. 1.4308 (ASTM CF8)	EN. 1.4408 (ASTM CF8M)
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	Casing 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	Mechanical seal seat	EN 1.4301(AISI 304)	EN 1.4401 (AISI 316)
111-4	Seal 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	Joint motor	Carbon	
140-2	Joint	Carbon	
160	Pump body base	Cast iron EN-GJL-200-EN1561	
162	Motor bracket	Cast iron EN-GJL-200-EN1561	
212	Plug	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	

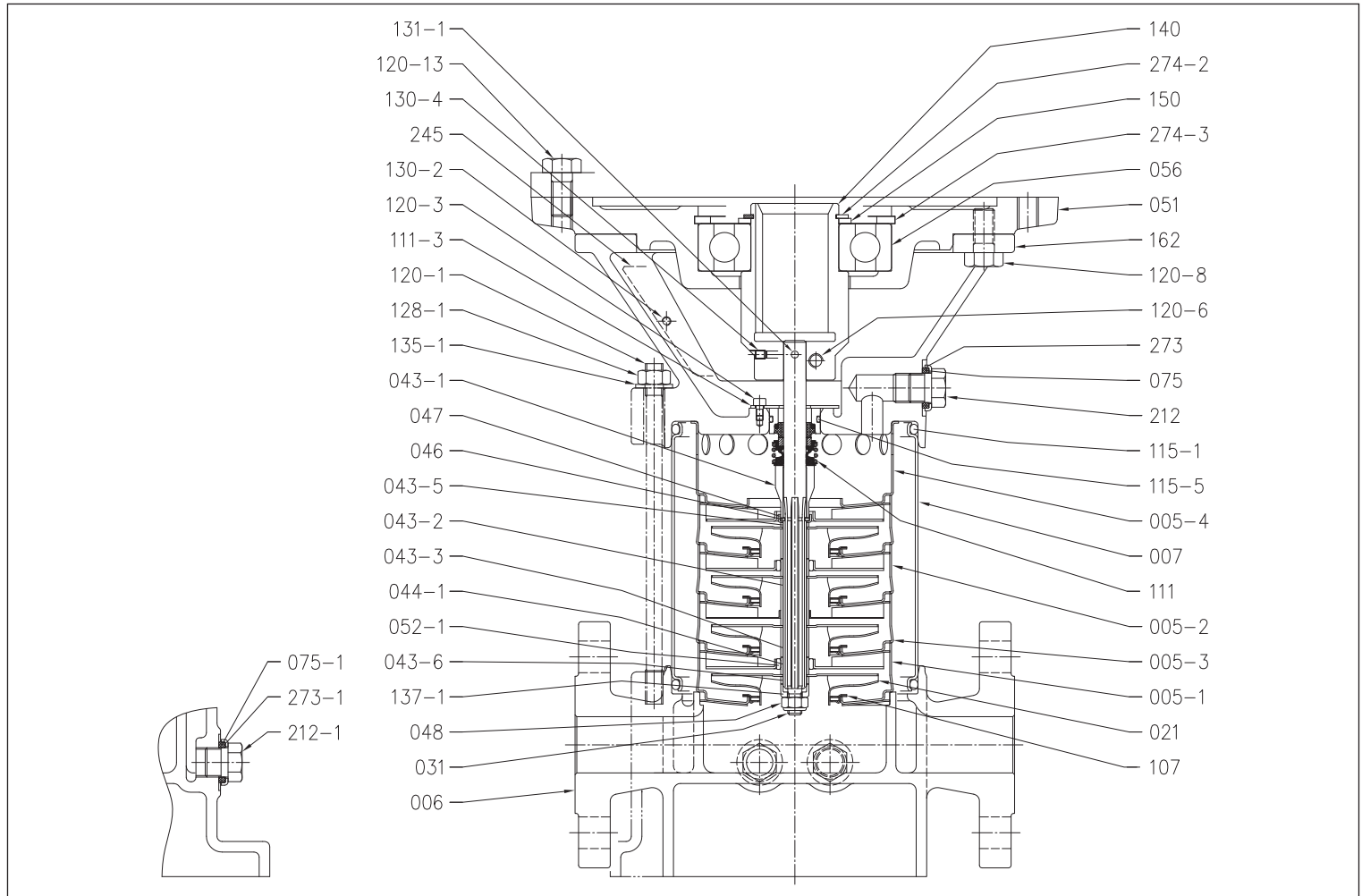
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

SECTIONAL VIEW EVMG 3-18 Pump without bearings



SECTIONAL VIEW EVMG 3-18 Pump with single ball bearing



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

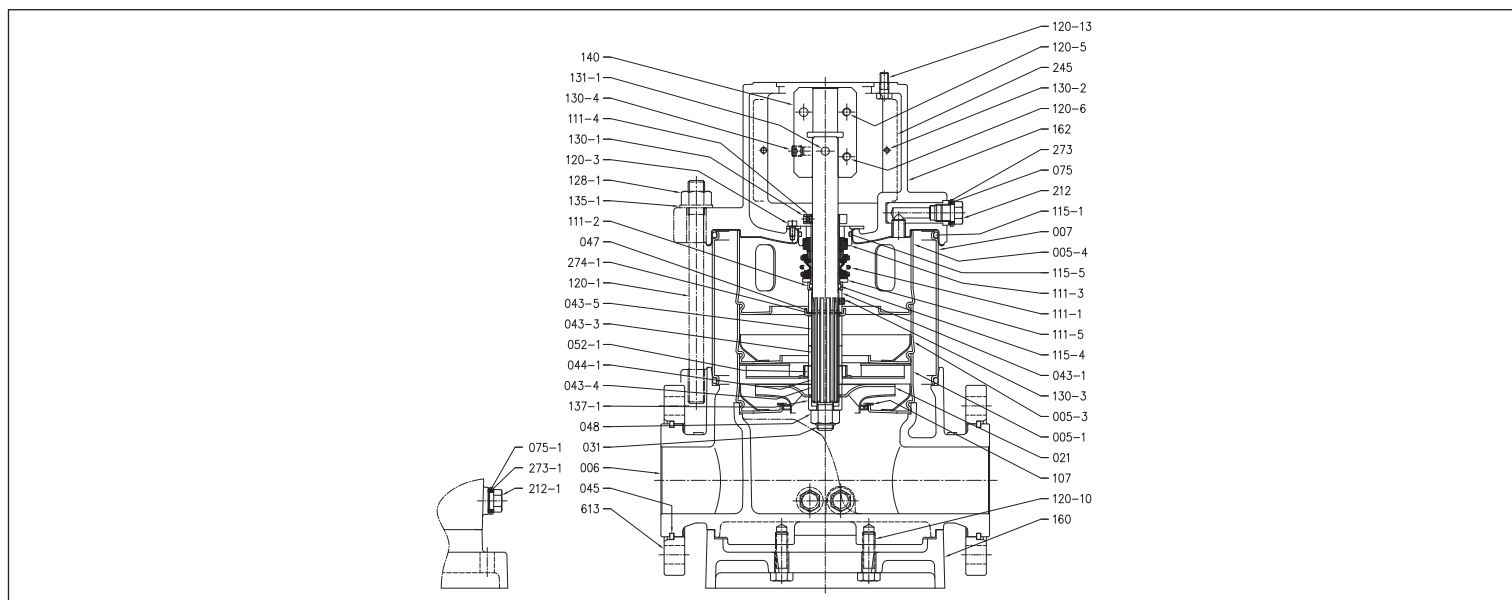
MATERIALS TABLE EVMG 3-18

Ref.	Name	Materials	Ref.	Name	Materials EVM
005-1	Suction stage	EN 1.4301(AISI 304)	075	O-Ring	EPDM
005-2	Intermediate stage	EN 1.4301(AISI 304)	107	Casing ring	PTFE/EN 1.4301(AISI 304)
005-3	Support stage kit	EN 1.4301(AISI 304)	111	Mechanical seal	SiC/Carbon/EPDM
005-4	Final stage	EN 1.4301(AISI 304)		O-Ring (external casing)	EPDM
006	Pump casing	Cast iron EN-GJL-200-EN 1561	115	O-Ring (stage)	-
007	External casing	EN 1.4301(AISI 304)		O-Ring (seal-holder flange)	EPDM
021	Impeller	EN 1.4301(AISI 304)	120-1	Joint screw	Galvanised steel 6.8 class ISO 898/1
031	Shaft	EN 1.4401 (AISI 316)	140	Joint	Die cast Aluminium EN AB-AISI11Cu2 (Fe) (up to 1.5kW) Brass OT 58 UNI 5705 (from 2.2kW and above)
044-1	Bearing	Tungsten Carbide	160	Pump body base	-
048	Impeller nut	A2-70 UNI 7323 (with stainless steel insert)	162	Motor bracket	Cast iron EN-GJL-200-EN 1561
051	Motor adapter	Cast iron EN-GJL-200-EN 1561	212	Plug	EN 1.4301(AISI 304)
052-1	Bearing	Tungsten Carbide	273	Washer	EN 1.4301(AISI 304)
056	Bearing	-			-

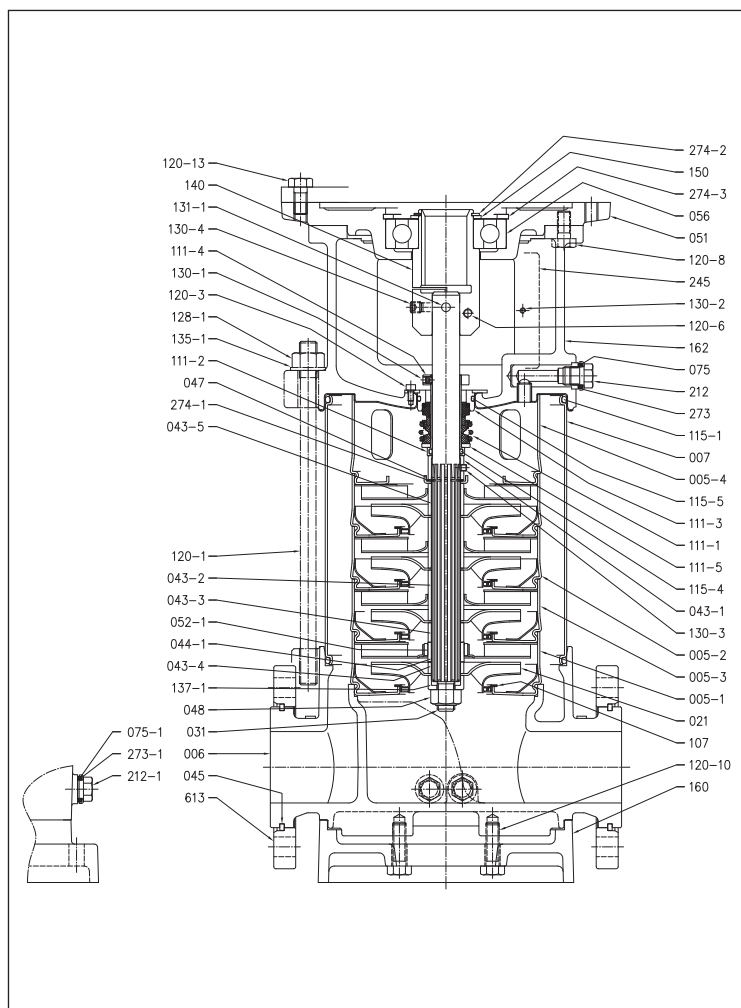
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

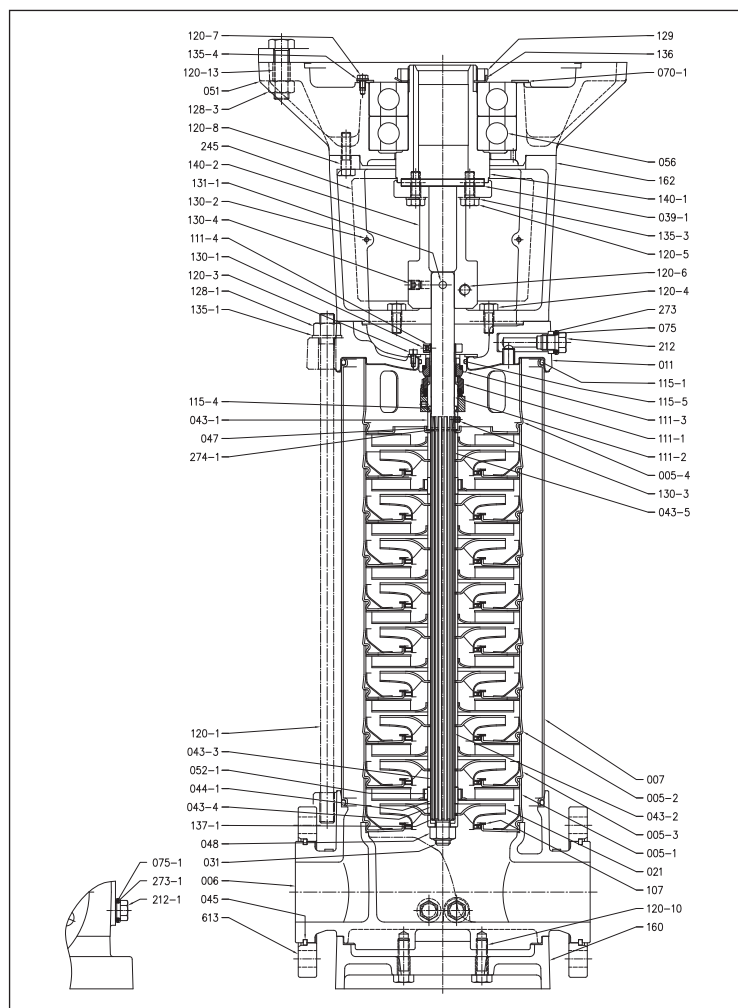
SECTIONAL VIEW EVMG 32 Pump without bearings



SECTIONAL VIEW EVMG 32 Pump with single ball bearing



SECTIONAL VIEW EVMG 32 Pump with double ball bearing



VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

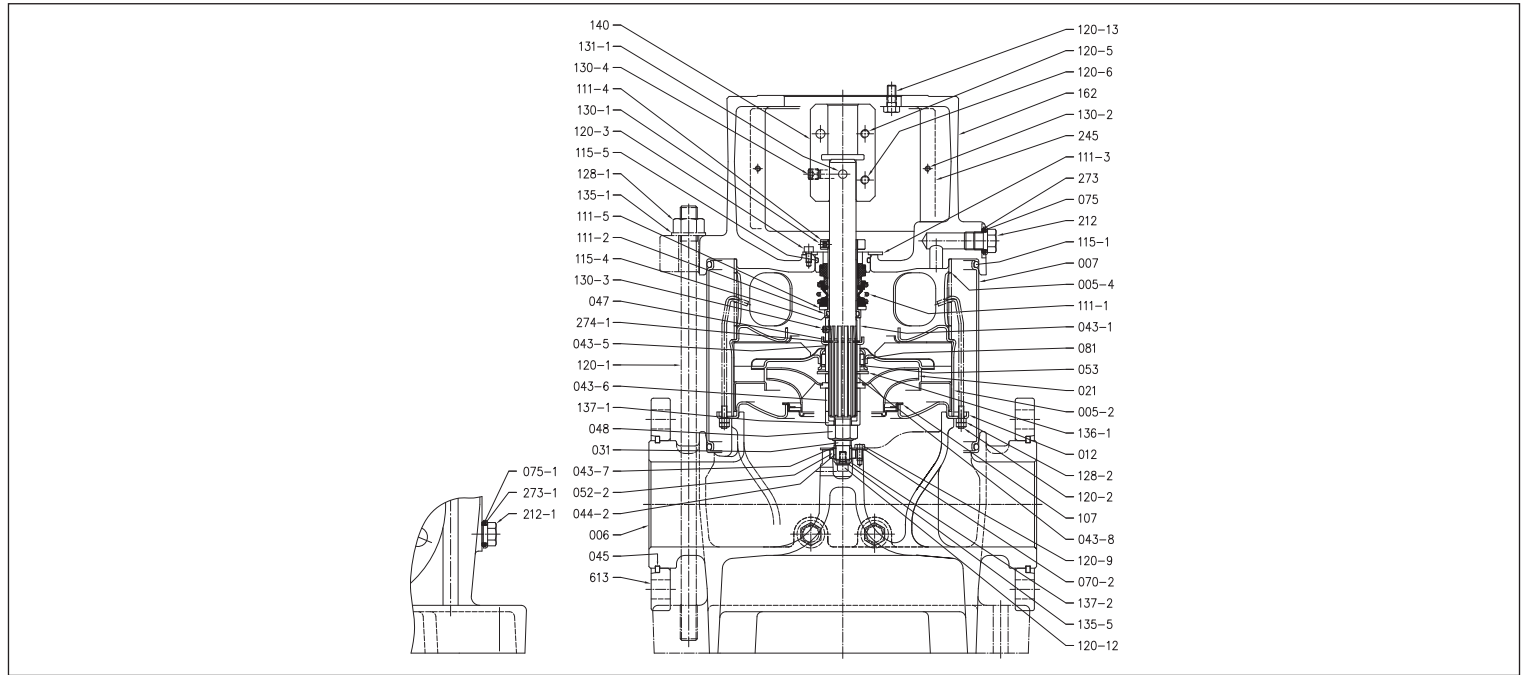
MATERIALS TABLE EVMG 32

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

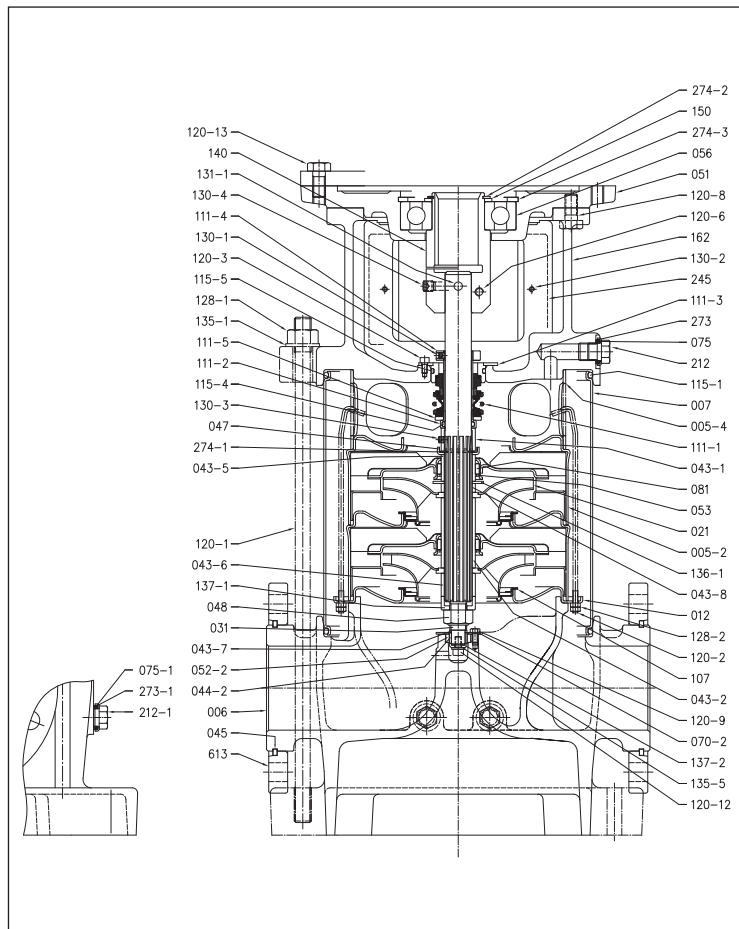
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

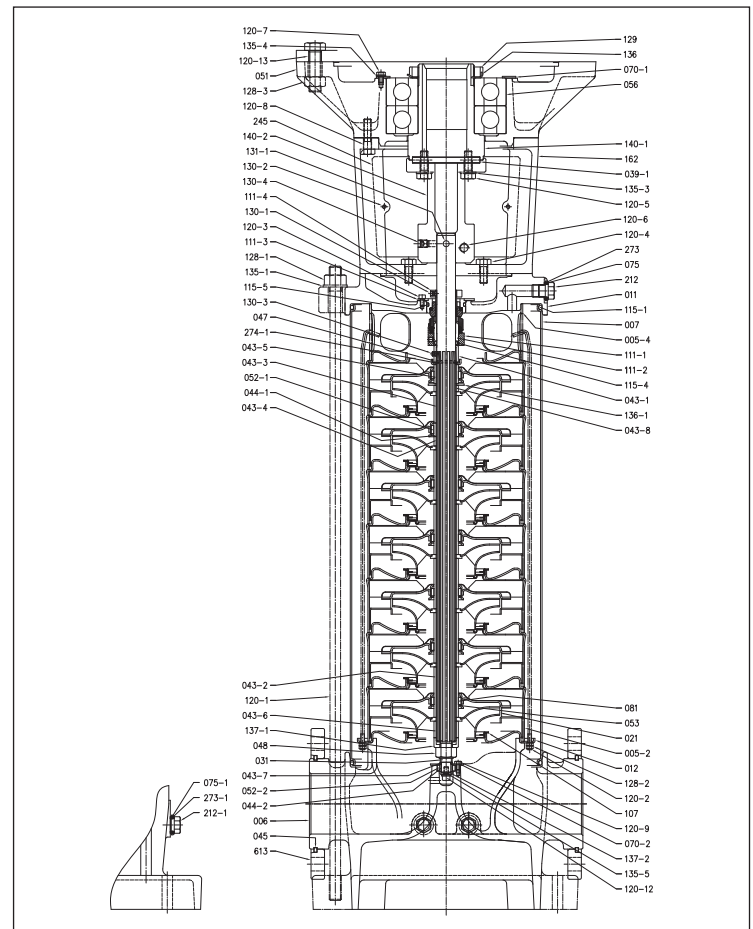
SECTIONAL VIEW EVMG 45-64 Pump without bearings



SECTIONAL VIEW EVMG 45-64 Pump with single ball bearing



SECTIONAL VIEW EVMG 45-64 Pump with double ball bearing



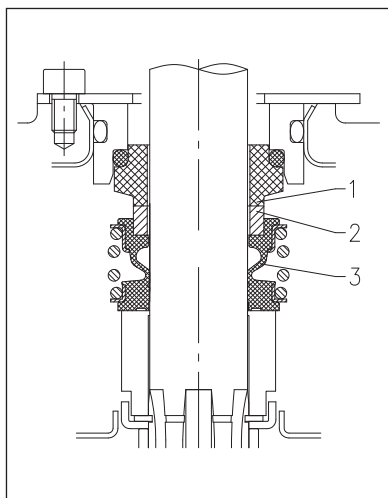
VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

MATERIALS TABLE EVMG 45-64

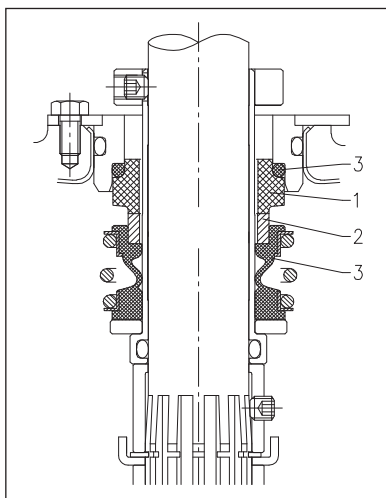
Ref.	Name	Materials	Ref.	Name	Materials EVM
005-4	Final stage	EN 1.4301(AISI 304)	111-3	Mechanical seal seat	EN 1.4301(AISI 304)
006	Pump casing	Cast iron EN-GJL-200-EN 1561	111-4	Seal ring	Brass OT 58 UNI 5705
007	External casing	EN 1.4301(AISI 304)	115	O-Ring (external casing)	EPDM
012	Suction cover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

MECHANICAL SEAL EVM 3-18



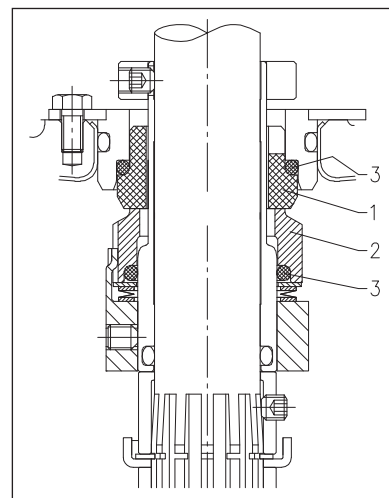
MECHANICAL SEAL EVM 32-64

WITH CARTRIDGE up to 2.5 MPA



MECHANICAL SEAL EVM 32-64

SEALWITH CARTRIDGE from 2.5 to 3.0 MPA



MATERIALS TABLE

Ref.	Name	Materials
1	Fixed part	Carbon
2	Rotating part	SiC
3	Gasket	EPDM for EVM-EVMG FPM for EVML

MATERIALS TABLE

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

MATERIALS TABLE

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

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

ELECTRIC DATA TABLE EVM 3-5-10-18

Model	P2		Motor Mec	Efficiency		Capacitor		Efficiency (%) and power factor							Absorbed Current [A]			
	[HP]	[kW]		Single phase	Three phase	Single phase µF	V _c	Single phase		Three phase			cos ø 100%	Single phase 230V	Three phase			
								η % 100%	cos ø 100%	50%	η % 75%	100%			230V	400V	690V	
EVM 3 2N5/0.37 (M)	0,5	0,37	71	-	-	16	400	57,6	0,89	58,0	64,0	70,0	0,78	3,1	1,7	1,0	-	
EVM 3 3N5/0.37 (M)	0,5	0,37	71	-	-	16	400	57,6	0,89	58,0	64,0	70,0	0,78	3,1	1,7	1,0	-	
EVM 3 4N5/0.55 (M)	0,75	0,55	71	-	-	16	400	69,0	0,89	57,0	64,0	71,0	0,77	3,9	2,6	1,5	-	
EVM 3 5N5/0.55 (M)	0,75	0,55	71	-	-	16	400	69,0	0,89	57,0	64,0	71,0	0,77	3,9	2,6	1,5	-	
EVM 3 6N5/0.75 (M)	1	0,75	80	-	IE2	25	400	65,0	0,95	77,3	78,5	80,5	0,78	5,3	2,9	1,7	-	
EVM 3 7N5/0.75 (M)	1	0,75	80	-	IE2	25	400	65,0	0,95	77,3	78,5	80,5	0,78	5,3	2,9	1,7	-	
EVM 3 9N5/1.1 (M)	1,5	1,1	80	-	IE2	36	400	74,0	0,97	79,5	81,2	81,5	0,78	6,5	4,3	2,5	-	
EVM 3 11N5/1.1 (M)	1,5	1,1	80	-	IE2	36	400	74,0	0,97	79,5	81,2	81,5	0,78	6,5	4,3	2,5	-	
EVM 3 13N5/1.5 (M)	2	1,5	90S	-	IE2	35	400	79,0	0,97	81,0	82,8	82,8	0,80	8,8	5,5	3,2	-	
EVM 3 15N5/1.5 (M)	2	1,5	90S	-	IE2	35	400	79,0	0,97	81,0	82,8	82,8	0,80	8,8	5,5	3,2	-	
EVM 3 18F5/2.2 (M)	3	2,2	90L	-	IE2	40	400	78,0	0,97	82,5	84,0	84,0	0,85	12,9	7,6	4,4	-	
EVM 3 22F5/2.2 (M)	3	2,2	90L	-	IE2	40	400	78,0	0,97	82,5	84,0	84,0	0,85	12,9	7,6	4,4	-	
EVM 3 26F5/3.0	4	3	100	-	IE2	-	-	-	-	84,1	85,8	85,5	0,84	-	10,2	5,9	-	
EVM 5 2N5/0.37 (M)	0,5	0,37	71	-	-	16	400	57,6	0,89	58,0	64,0	70,0	0,78	3,1	1,7	1,0	-	
EVM 5 3N5/0.55 (M)	0,75	0,55	71	-	-	16	400	69,0	0,89	57,0	64,0	71,0	0,77	3,9	2,6	1,5	-	
EVM 5 4N5/0.75 (M)	1	0,75	80	-	IE2	25	400	65,0	0,95	77,3	78,5	80,5	0,78	5,3	2,9	1,7	-	
EVM 5 5N5/1.1 (M)	1,5	1,1	80	-	IE2	36	400	74,0	0,97	79,5	81,2	81,5	0,78	6,5	4,3	2,5	-	
EVM 5 6N5/1.1 (M)	1,5	1,1	80	-	IE2	36	400	74,0	0,97	79,5	81,2	81,5	0,78	6,5	4,3	2,5	-	
EVM 5 7N5/1.5 (M)	2	1,5	90S	-	IE2	35	400	79,0	0,97	81,0	82,8	82,8	0,80	8,8	5,5	3,2	-	
EVM 5 8N5/1.5 (M)	2	1,5	90S	-	IE2	35	400	79,0	0,97	81,0	82,8	82,8	0,80	8,8	5,5	3,2	-	
EVM 5 10N5/2.2 (M)	3	2,2	90L	-	IE2	40	400	78,0	0,97	82,5	84,0	84,0	0,85	12,9	7,6	4,4	-	
EVM 5 11N5/2.2 (M)	3	2,2	90L	-	IE2	40	400	78,0	0,97	82,5	84,0	84,0	0,85	12,9	7,6	4,4	-	
EVM 5 12N5/2.2 (M)	3	2,2	90L	-	IE2	40	400	78,0	0,97	82,5	84,0	84,0	0,85	12,9	7,6	4,4	-	
EVM 5 14N5/3.0	4	3	100	-	IE2	-	-	-	-	84,1	85,8	85,5	0,84	-	10,2	5,9	-	
EVM 5 16N5/3.0	4	3	100	-	IE2	-	-	-	-	84,1	85,8	85,5	0,84	-	10,2	5,9	-	
EVM 5 18F5/4.0	5,5	4	112	-	IE2	-	-	-	-	85,2	86,4	86,1	0,86	-	13,5	7,8	-	
EVM 5 19F5/4.0	5,5	4	112	-	IE2	-	-	-	-	85,2	86,4	86,1	0,86	-	13,5	7,8	-	
EVM 5 22F5/4.0	5,5	4	112	-	IE2	-	-	-	-	85,2	86,4	86,1	0,86	-	13,5	7,8	-	
EVM 5 24F5/5.5	7,5	5,5	132S	-	IE2	-	-	-	-	85,8	87,4	87,3	0,88	-	-	10,4	6,0	
EVM 10 2N5/0.75 (M)	1	0,75	80	-	IE2	25	400	65,0	0,95	77,3	78,5	80,5	0,78	5,3	2,9	1,7	-	
EVM 10 3N5/1.1 (M)	1,5	1,1	80	-	IE2	36	400	74,0	0,97	79,5	81,2	81,5	0,78	6,5	4,3	2,5	-	
EVM 10 4N5/1.5 (M)	2	1,5	90S	-	IE2	35	400	79,0	0,97	81,0	82,8	82,8	0,80	8,8	5,5	3,2	-	
EVM 10 5N5/2.2 (M)	3	2,2	90L	-	IE2	40	400	78,0	0,97	82,5	84,0	84,0	0,85	12,9	7,6	4,4	-	
EVM 10 6N5/2.2 (M)	3	2,2	90L	-	IE2	40	400	78,0	0,97	82,5	84,0	84,0	0,85	12,9	7,6	4,4	-	
EVM 10 8N5/3.0	4	3	100	-	IE2	-	-	-	-	84,1	85,8	85,5	0,84	-	10,2	5,9	-	
EVM 10 10N5/4.0	5,5	4	112	-	IE2	-	-	-	-	85,2	86,4	86,1	0,86	-	13,5	7,8	-	
EVM 10 11N5/4.0	5,5	4	112	-	IE2	-	-	-	-	85,2	86,4	86,1	0,86	-	13,5	7,8	-	
EVM 10 12N5/5.5	7,5	5,5	132S	-	IE2	-	-	-	-	85,8	87,4	87,3	0,88	-	-	10,4	6,0	
EVM 10 14N5/5.5	7,5	5,5	132S	-	IE2	-	-	-	-	85,8	87,4	87,3	0,88	-	-	10,4	6,0	
EVM 10 15F5/5.5	7,5	5,5	132S	-	IE2	-	-	-	-	85,8	87,4	87,3	0,88	-	-	10,4	6,0	
EVM 10 16F5/7.5	10	7,5	132S	-	IE2	-	-	-	-	86,5	88,3	88,3	0,87	-	-	14,2	8,2	
EVM 10 18F5/7.5	10	7,5	132S	-	IE2	-	-	-	-	86,5	88,3	88,3	0,87	-	-	14,2	8,2	
EVM 10 20F5/7.5	10	7,5	132S	-	IE2	-	-	-	-	86,5	88,3	88,3	0,87	-	-	14,2	8,2	
EVM 10 22F5/11	15	11	160M	-	IE2	-	-	-	-	88,1	90,0	89,7	0,90	-	-	19,8	11,4	
EVM 18 2F5/2.2 (M)	3	2,2	90L	-	IE2	40	400	78,0	0,97	82,5	84,0	84,0	0,85	12,9	7,6	4,4	-	
EVM 18 3F5/3.0	4	3	100	-	IE2	-	-	-	-	84,1	85,8	85,5	0,84	-	10,2	5,9	-	
EVM 18 4F5/4.0	5,5	4	112	-	IE2	-	-	-	-	85,2	86,4	86,1	0,86	-	13,5	7,8	-	
EVM 18 5F5/5.5	7,5	5,5	132S	-	IE2	-	-	-	-	85,8	87,4	87,3	0,88	-	-	10,4	6,0	
EVM 18 6F5/5.5	7,5	5,5	132S	-	IE2	-	-	-	-	85,8	87,4	87,3	0,88	-	-	10,4	6,0	
EVM 18 7F5/7.5	10	7,5	132S	-	IE2	-	-	-	-	86,5	88,3	88,3	0,87	-	-	14,2	8,2	
EVM 18 8F5/7.5	10	7,5	132S	-	IE2	-	-	-	-	86,5	88,3	88,3	0,87	-	-	14,2	8,2	
EVM 18 10F5/11	15	11	160M	-	IE2	-	-	-	-	88,1	90,0	89,7	0,90	-	-	19,8	11,4	
EVM 18 12F5/11	15	11	160M	-	IE2	-	-	-	-	88,1	90,0	89,7	0,90	-	-	19,8	11,4	
EVM 18 14F5/15	20	15	160M	-	IE2	-	-	-	-	90,0	91,0	90,8	0,88	-	-	27,2	15,7	
EVM 18 15F5/15	20	15	160M	-	IE2	-	-	-	-	90,0	91,0	90,8	0,88	-	-	27,2	15,7	
EVM 18 16F5/15	20	15	160M	-	IE2	-	-	-	-	90,0	91,0	90,8	0,88	-	-	27,2	15,7	

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

ELECTRIC DATA TABLE EVM 32-45

Model	P2		Motor Mec	Efficiency Three phase	Efficiency (%) and power factor Three phase				Absorbed Current [A] Three phase		
	[HP]	[kW]			50%	η % 75%	100%	cos φ 100%	230V	400V	690V
EVM 32 1-0F5/2.2	3	2,2	90L	IE2	82,5	84,0	84,0	0,85	7,6	4,4	-
EVM 32 2-2F5/3.0	4	3	100	IE2	84,1	85,8	85,5	0,84	10,2	5,9	-
EVM 32 2-0F5/4.0	5,5	4	112	IE2	85,2	86,4	86,1	0,86	13,5	7,8	-
EVM 32 3-3F5/5.5	7,5	5,5	132S	IE2	85,8	87,4	87,3	0,88	-	10,4	6,0
EVM 32 3-1F5/5.5	7,5	5,5	132S	IE2	85,8	87,4	87,3	0,88	-	10,4	6,0
EVM 32 4-3F5/7.5	10	7,5	132S	IE2	86,5	88,3	88,3	0,87	-	14,2	8,2
EVM 32 4-1F5/7.5	10	7,5	132S	IE2	86,5	88,3	88,3	0,87	-	14,2	8,2
EVM 32 5-3F5/11	15	11	160M	IE2	88,1	90,0	89,7	0,90	-	19,8	11,4
EVM 32 5-0F5/11	15	11	160M	IE2	88,1	90,0	89,7	0,90	-	19,8	11,4
EVM 32 6-3F5/11	15	11	160M	IE2	88,1	90,0	89,7	0,90	-	19,8	11,4
EVM 32 6-2F5/11	15	11	160M	IE2	88,1	90,0	89,7	0,90	-	19,8	11,4
EVM 32 7-3F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 32 7-0F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 32 8-3F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 32 8-1F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 32 9-3F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 32 9-0F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 32 10-3F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 32 10-2F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 32 11-3F5/22	30	22	180	IE2	90,9	91,8	91,4	0,89	-	39,0	22,5
EVM 32 11-0F5/22	30	22	180	IE2	90,9	91,8	91,4	0,89	-	39,0	22,5
EVM 32 12-3F5/22	30	22	180	IE2	90,9	91,8	91,4	0,89	-	39,0	22,5
EVM 32 13-3F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 32 13-0F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 32 14-3F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 32 14-0F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 45 1-1F5/3.0	4	3	100	IE2	84,1	85,8	85,5	0,84	10,2	5,9	-
EVM 45 1-0F5/4.0	5,5	4	112	IE2	85,2	86,4	86,1	0,86	13,5	7,8	-
EVM 45 2-2F5/5.5	7,5	5,5	132S	IE2	85,8	87,4	87,3	0,88	-	10,4	6,0
EVM 45 2-0F5/7.5	10	7,5	132S	IE2	86,5	88,3	88,3	0,87	-	14,2	8,2
EVM 45 3-2F5/11	15	11	160M	IE2	88,1	90,0	89,7	0,90	-	19,8	11,4
EVM 45 3-0F5/11	15	11	160M	IE2	88,1	90,0	89,7	0,90	-	19,8	11,4
EVM 45 4-2F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 45 4-0F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 45 5-2F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 45 5-0F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 45 6-2F5/22	30	22	180	IE2	90,9	91,8	91,4	0,89	-	39,0	22,5
EVM 45 6-0F5/22	30	22	180	IE2	90,9	91,8	91,4	0,89	-	39,0	22,5
EVM 45 7-2F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 45 7-0F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 45 8-2F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 45 8-0F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 45 9-2F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 45 9-0F5/37	50	37	200	IE2	91,6	92,9	92,8	0,90	-	64,5	37,2
EVM 45 10-2F5/37	50	37	200	IE2	91,6	92,9	92,8	0,90	-	64,5	37,2
EVM 45 10-0F5/37	50	37	200	IE2	91,6	92,9	92,8	0,90	-	64,5	37,2

The contents of this publication must not be regarded as binding. Ebara Pumps Europe S.p.A. reserves the right to effect any modification it deems necessary without prior notice.

VERTICAL MULTISTAGE ELECTRIC PUMPS

in cast iron, AISI 304, AISI 316

ELECTRIC DATA TABLE EVM 64

Model	P2		Motor Mec	Efficiency Three phase	Efficiency (%) and power factor Three phase				Absorbed Current [A] Three phase		
	[HP]	[kW]			50%	η % 75%	100%	cos ϕ 100%	230V	400V	690V
EVM 64 1-1F5/4.0	5,5	4	100	IE2	85,2	86,4	86,1	0,86	13,5	7,8	-
EVM 64 1-0F5/5.5	7,5	5,5	132S	IE2	85,8	87,4	87,3	0,88	-	10,4	6,0
EVM 64 2-2F5/7.5	10	7,5	132S	IE2	86,5	88,3	88,3	0,87	-	14,2	8,2
EVM 64 2-1F5/11	15	11	160M	IE2	88,1	90,0	89,7	0,90	-	19,8	11,4
EVM 64 2-0F5/11	15	11	160M	IE2	88,1	90,0	89,7	0,90	-	19,8	11,4
EVM 64 3-3F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 64 3-2F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 64 3-1F5/15	20	15	160M	IE2	90,0	91,0	90,8	0,88	-	27,2	15,7
EVM 64 3-0F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 64 4-3F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 64 4-2F5/18.5	25	18,5	160L	IE2	90,3	91,6	91,2	0,88	-	33,3	19,3
EVM 64 4-1F5/22	30	22	180	IE2	90,9	91,8	91,4	0,89	-	39,0	22,5
EVM 64 4-0F5/22	30	22	180	IE2	90,9	91,8	91,4	0,89	-	39,0	22,5
EVM 64 5-3F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 64 5-2F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 64 5-1F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 64 5-0F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 64 6-3F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 64 6-2F5/30	40	30	200	IE2	91,3	92,3	92,3	0,88	-	53,5	30,9
EVM 64 6-1F5/37	50	37	200	IE2	91,6	92,9	92,8	0,90	-	64,5	37,2
EVM 64 6-0F5/37	50	37	200	IE2	91,6	92,9	92,8	0,90	-	64,5	37,2
EVM 64 7-3F5/37	50	37	200	IE2	91,6	92,9	92,8	0,90	-	64,5	37,2
EVM 64 7-2F5/37	50	37	200	IE2	91,6	92,9	92,8	0,90	-	64,5	37,2
EVM 64 7-1F5/37	50	37	200	IE2	91,6	92,9	92,8	0,90	-	64,5	37,2