



EBARA

SPECIFICATIONS EVMG

50 Hz

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SPECIFICATIONS EVMG

50 Hz

PUMP		
Type		EVMG
Liquid Handled	Type of liquid	Clean water, water contains glycol and moderately aggressive fluids
	Temperature [°C]	-15 to +120
	Max solid content	50 ppm (Particle size 0,1-0,25mm or less)
	Max chlorine ion density	500 ppm
Maximum working pressure	[MPa]	1.6 / 2.5
	[bar]	16 / 25
Construction	Impeller	Closed centrifugal type
	Shaft seal type	Mechanical seal
	Bearing	Sealed ball bearing with permanent grease depending on model
Pipe connection	Suction /Discharge	See dimension table
Material	Impeller	EN 1.4301 (AISI 304)
	Intermediate casing	EN 1.4301 (AISI 304)
	Bottom casing	Cast iron
	Casing cover	Cast iron
	Outer casing	EN 1.4301 (AISI 304)
	Shaft	EN 1.4401 (AISI 316)
	Liner ring	EPDM / EN 1.4301 (AISI 304)
	Motor bracket	Cast iron
	Mechanical Seal	Silicon Carbide/Carbon/FPM
	O-Ring	EPDM
Applicable standard of test		ISO 9906 annex A

MOTOR		
Type		Electric -TEFC
		Three phase *
No. of Poles		2
Insulation class		Class F (class B for temperature rise)
Protection form		IP 55
Power rating	[kW]	0.37÷15
	[HP]	0.5÷20
Frequency	[Hz]	50
Voltage	[V]	230/400 ± 10% (up to 4 kW)
		400/690 V ± 10% Delta conn. (above 5.5 kW)
Over load protection		User to provide
Casing material		Aluminium
Flange mount (IEC motor)		IM B14 (up to 4 kW)
		IM B5 (above 5.5 kW)

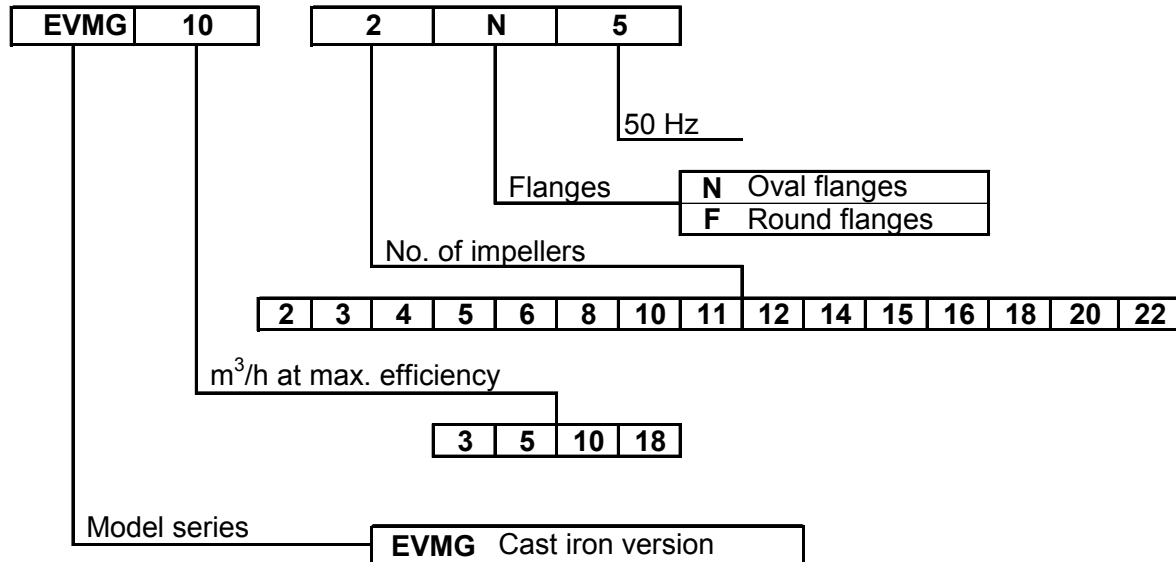
* Specifications refer to aluminium frame AEG motors
May vary depending on brand of motor used.

* Single phase versions available upon request.

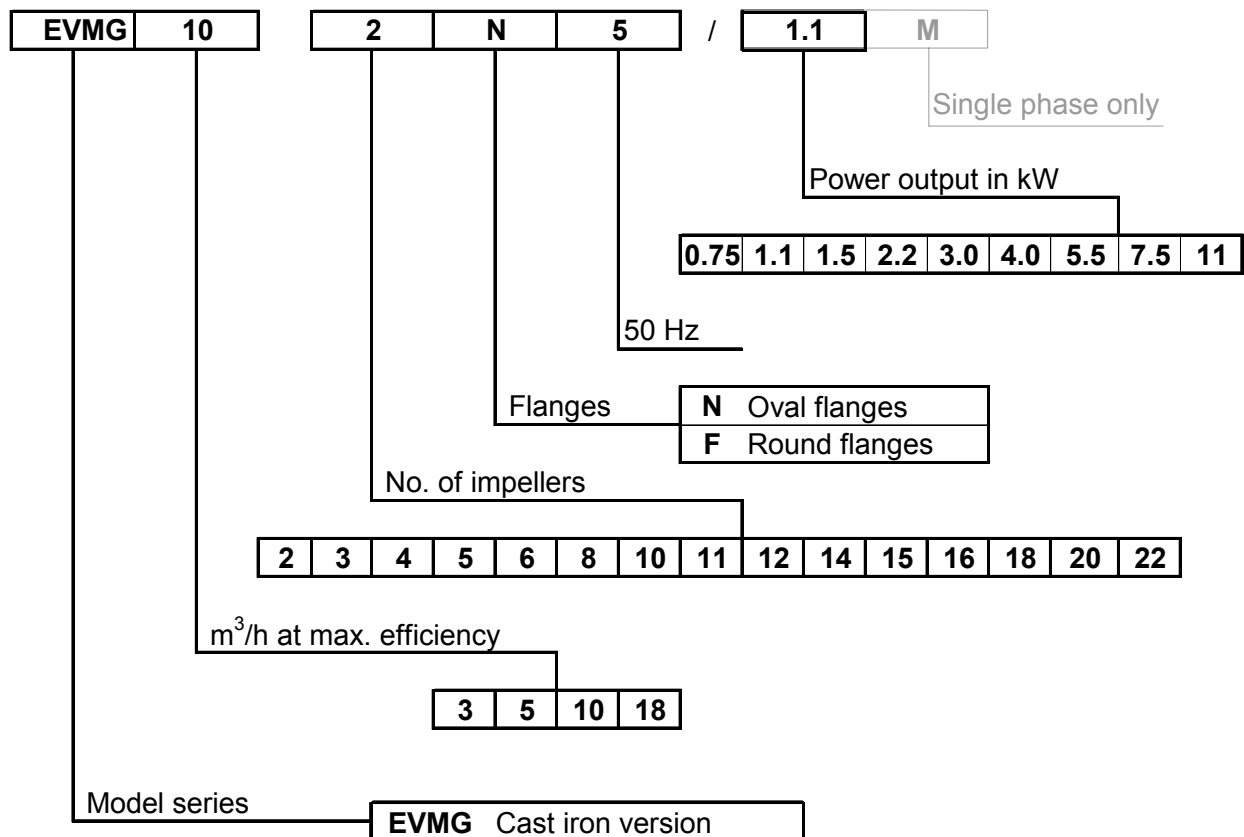
SELECTION CHART **EVMG**

50 Hz

example for pump without motor:



example for pump with motor:

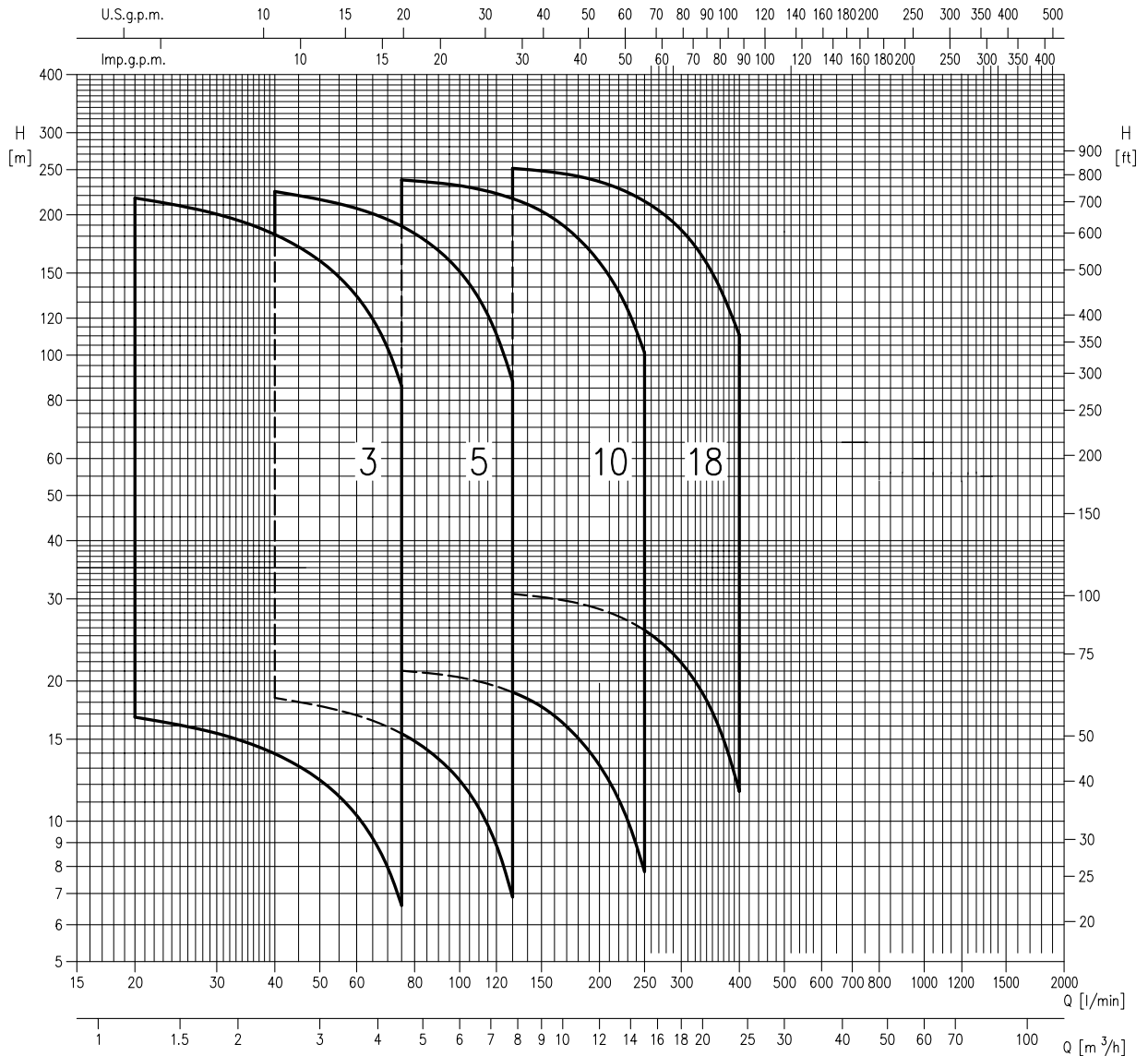


SELECTION CHART EVMG

50 Hz

Pump Type EVMG	Motor			Maximum working pressure (MPa)	Q=Capacity															
	kW	HP	Size		l/min	20	40	60	75	100	130	150	200	250	300	350	400			
					0	1.2	2.4	3.6	4.5	6.0	7.8	9	12	15	18	21	24			
					m ³ /h	0	1.2	2.4	3.6	4.5	6.0	7.8	9	12	15	18	21	24		
					H=Total manometric head in meters															
3 3N5/0.37	0.37	0.5	71	1.6	27.9	25.1	20.9	15.5	9.9	-	-	-	-	-	-	-	-	-	-	
3 5N5/0.55	0.55	0.75	71		46.5	42.0	34.9	25.8	16.5	-	-	-	-	-	-	-	-	-	-	-
3 7N5/0.75	0.75	1	80		65.0	58.5	49.0	36.1	23.1	-	-	-	-	-	-	-	-	-	-	-
3 11N5/1.1	1.1	1.5	80		102.0	92.0	77.0	56.5	36.3	-	-	-	-	-	-	-	-	-	-	-
3 15N5/1.5	1.5	2	90S		140.0	125.0	105.0	77.5	49.5	-	-	-	-	-	-	-	-	-	-	-
3 22F5/2.2	2.2	3	90L		205.0	184.0	154.0	113.0	72.5	-	-	-	-	-	-	-	-	-	-	-
3 26F5/3.0	3	4	100	2.5	242.0	217.0	182.0	134.0	86.0	-	-	-	-	-	-	-	-	-	-	
5 2N5/0.37	0.37	0.5	71		20.2	-	18.4	16.9	15.4	12.2	6.9	-	-	-	-	-	-	-	-	-
5 3N5/0.55	0.55	0.75	71		30.2	-	27.6	25.3	23.1	18.4	10.3	-	-	-	-	-	-	-	-	-
5 4N5/0.75	0.75	1	80		40.5	-	36.8	33.8	30.8	24.5	13.8	-	-	-	-	-	-	-	-	-
5 6N5/1.1	1.1	1.5	80		60.5	-	55.0	50.5	46.5	36.7	20.6	-	-	-	-	-	-	-	-	-
5 8N5/1.5	1.5	2	90S		80.5	-	73.5	67.5	61.5	49.0	27.5	-	-	-	-	-	-	-	-	-
5 12N5/2.2	2.2	3	90L	123.0	-	112.0	103.0	94.5	75.5	44.0	-	-	-	-	-	-	-	-	-	
5 16N5/3.0	3	4	100	2.5	164.0	-	150.0	138.0	126.0	101.0	58.5	-	-	-	-	-	-	-	-	
5 22F5/4.0	4	5.5	112		225.0	-	206.0	189.0	173.0	139.0	80.5	-	-	-	-	-	-	-	-	-
5 24F5/5.5	5.5	7.5	132S		246.0	-	224.0	206.0	189.0	151.0	88.0	-	-	-	-	-	-	-	-	-
10 2N5/0.75	0.75	1	80		22.0	-	-	-	21.0	20.4	18.9	17.6	13.2	7.8	-	-	-	-	-	-
10 3N5/1.1	1.1	1.5	80		33.0	-	-	-	31.6	30.5	28.4	26.4	19.8	11.7	-	-	-	-	-	-
10 4N5/1.5	1.5	2	90S		44.0	-	-	-	42.0	40.5	37.8	35.2	26.4	15.6	-	-	-	-	-	-
10 6N5/2.2	2.2	3	90L	66.0	-	-	-	63.0	61.0	57.0	53.0	39.5	23.4	-	-	-	-	-	-	
10 8N5/3.0	3	4	100	1.6	88.0	-	-	-	84.0	81.5	75.5	70.5	52.5	31.2	-	-	-	-	-	
10 11N5/4.0	4	5.5	112		121.0	-	-	-	116.0	112.0	104.0	97.0	72.5	43.0	-	-	-	-	-	-
10 15F5/5.5	5.5	7.5	132S		168.0	-	-	-	162.0	158.0	148.0	139.0	108.0	69.0	-	-	-	-	-	-
10 20F5/7.5	7.5	10	132S		224.0	-	-	-	216.0	210.0	197.0	185.0	144.0	92.0	-	-	-	-	-	-
10 22F5/11	11	15	160M		246.0	-	-	-	238.0	231.0	217.0	204.0	158.0	101.0	-	-	-	-	-	-
18 2F5/2.2	2.2	3	90L		1.6	32.0	-	-	-	-	31.0	30.3	28.5	25.7	21.9	17.2	11.6	-	-	-
18 3F5/3.0	3	4	100	48.0		-	-	-	-	-	46.0	45.5	43.0	38.6	32.8	25.7	17.4	-	-	
18 4F5/4.0	4	5.5	112	64.0		-	-	-	-	-	61.5	60.5	57.0	51.5	44.0	34.3	23.2	-	-	
18 6F5/5.5	5.5	7.5	132S	96.0		-	-	-	-	-	92.0	91.0	85.5	77.0	65.5	51.5	34.8	-	-	
18 8F5/7.5	7.5	10	132S	128.0		-	-	-	-	-	123.0	121.0	114.0	103.0	87.5	68.5	46.5	-	-	
18 12F5/11	11	15	160M	194.0		-	-	-	-	-	189.0	186.0	177.0	160.0	139.0	112.0	83.0	-	-	
18 16F5/15	15	20	160M	2.5	259.0	-	-	-	-	-	252.0	249.0	236.0	214.0	186.0	150.0	110.0	-	-	

1.6 MPa=16 bar
2.5 MPa=25 bar



PERFORMANCE CURVES

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

- Tolerances according to ISO 9906 Annex A
- The curves refer to effective speed of asynchronous motors at 50 Hz
- Measurements were carried out with clean water at 20°C of temperature and with a kinematic viscosity of $\nu = 1 \text{ mm}^2/\text{s}$ (1 cSt)
- The NPSH curve is an average curve obtained in the same conditions of performance curves.
- During the pump selection, consider to get a safety margin of at least 0.5 m.
- The continuous curves indicate the recommended working range. The dotted curve is only a guide.
- In order to avoid the risk of over-heating, the pumps should not be used at a flow rate below 10% of best efficiency point.

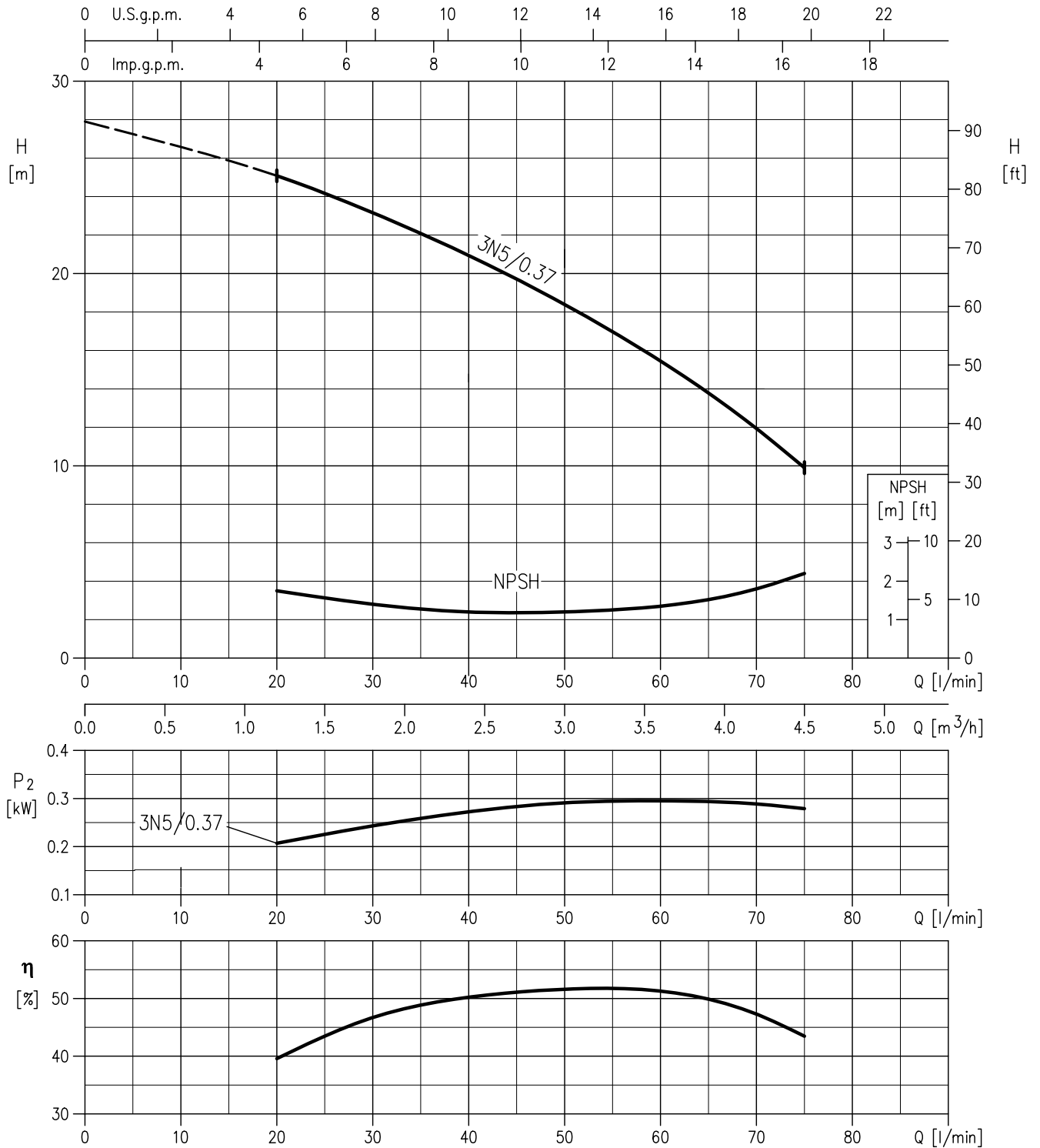
Symbols explanation

Q =	volume flow rate
H =	total head
P_2 =	pump power input (shaft power)
η =	pump efficiency
NPSH =	net positive suction head required by the pump

PERFORMANCE CURVE: EVMG3

50 Hz

Impeller diameter = 89 mm

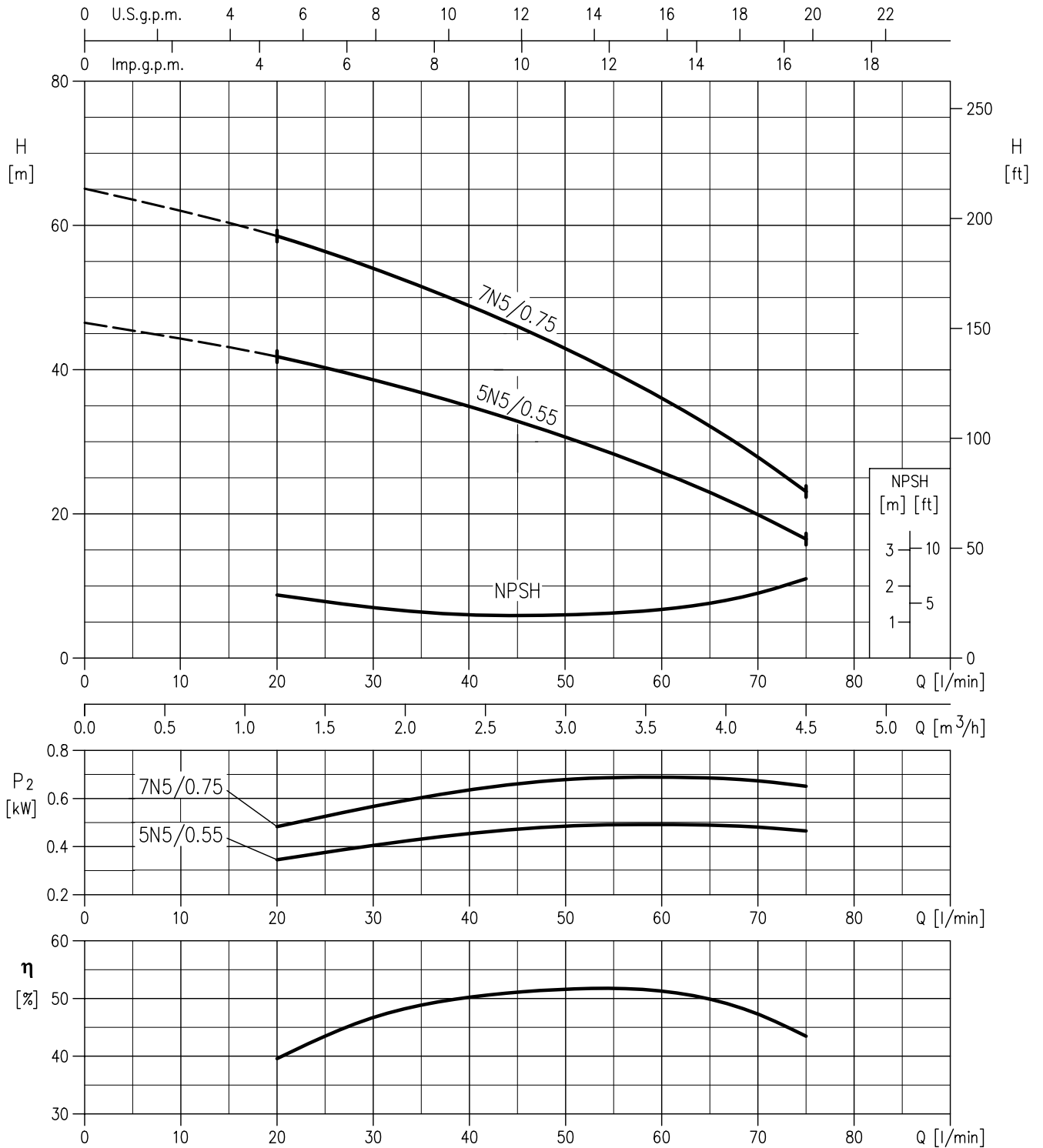


Rotation speed ≈ 2850 min⁻¹
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 3

50 Hz

Impeller diameter = 89 mm

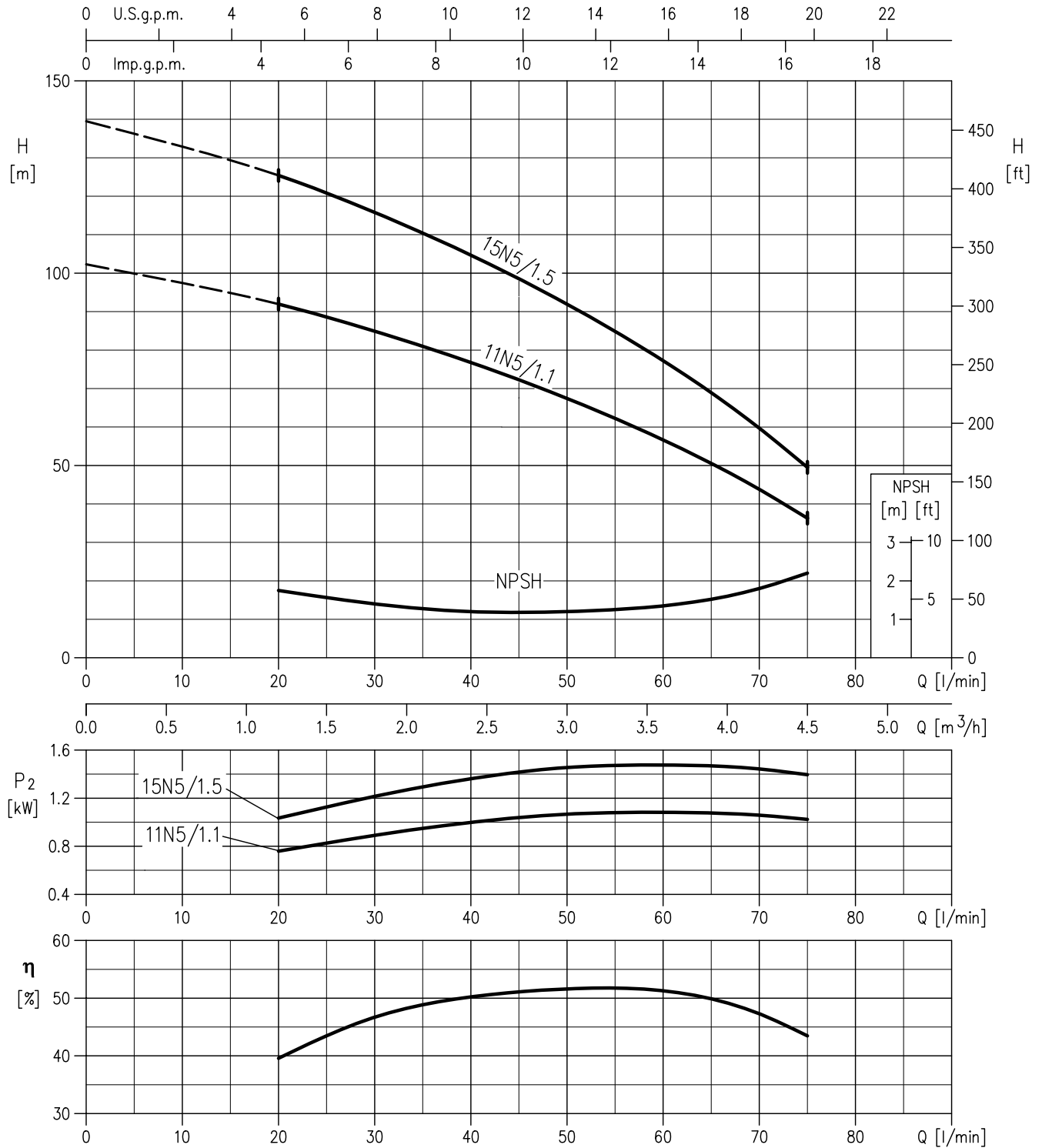


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 3

50 Hz

Impeller diameter = 89 mm

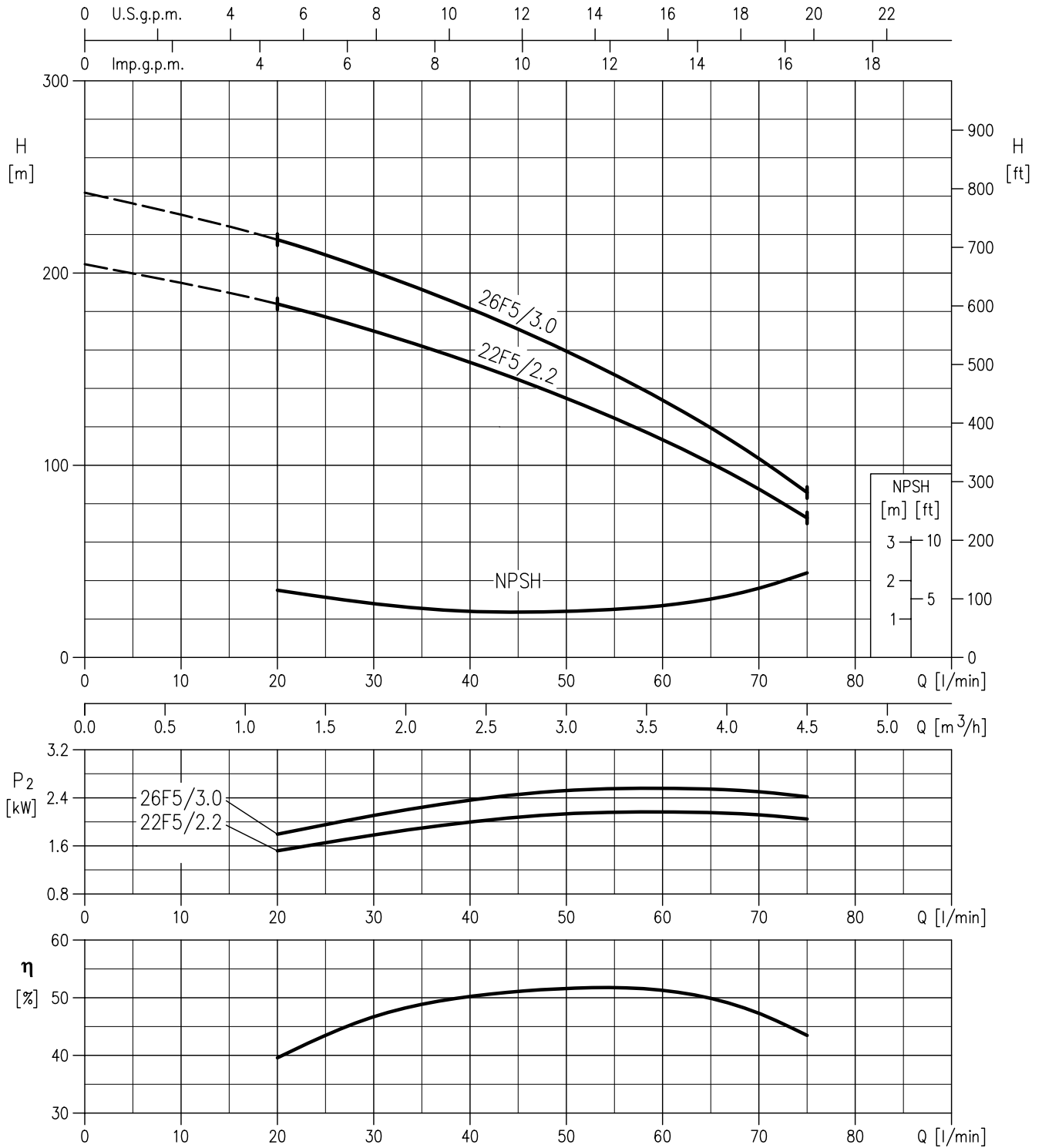


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 3

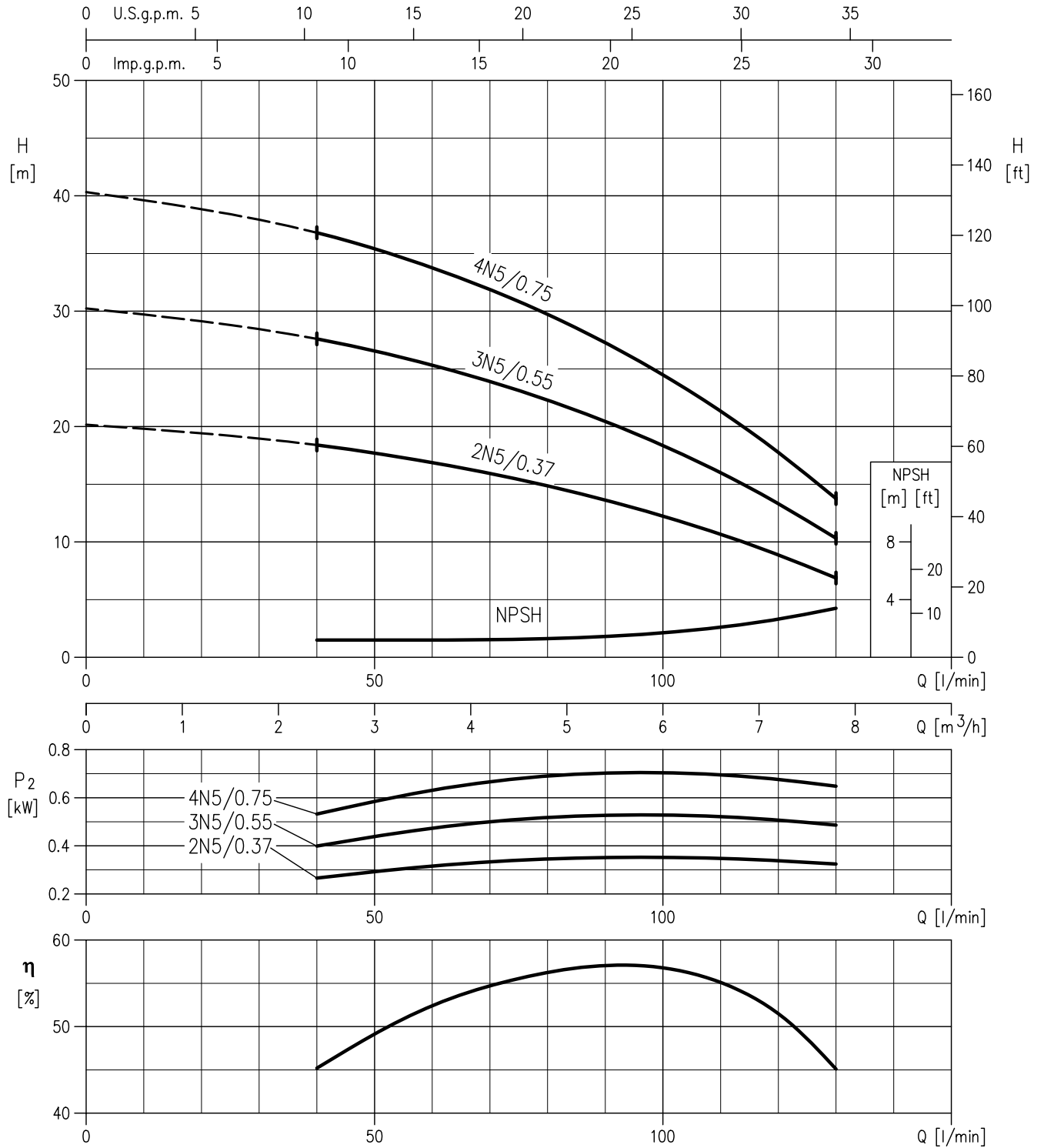
50 Hz

Impeller diameter = 89 mm



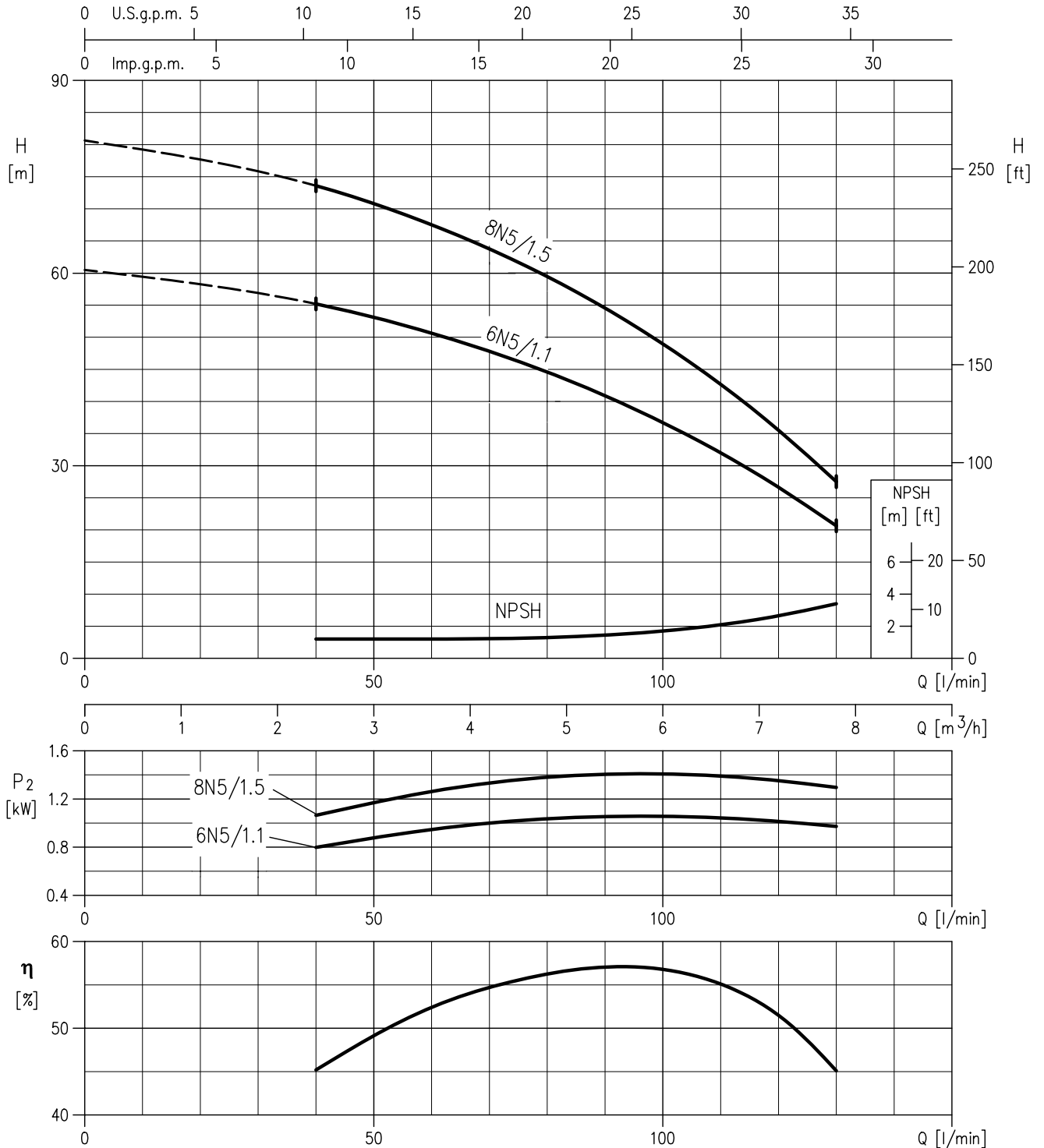
Rotation speed ≈ 2850 min⁻¹
 Test standard: ISO 9906-Annex A

Impeller diameter = 95 mm



Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

Impeller diameter = 95 mm

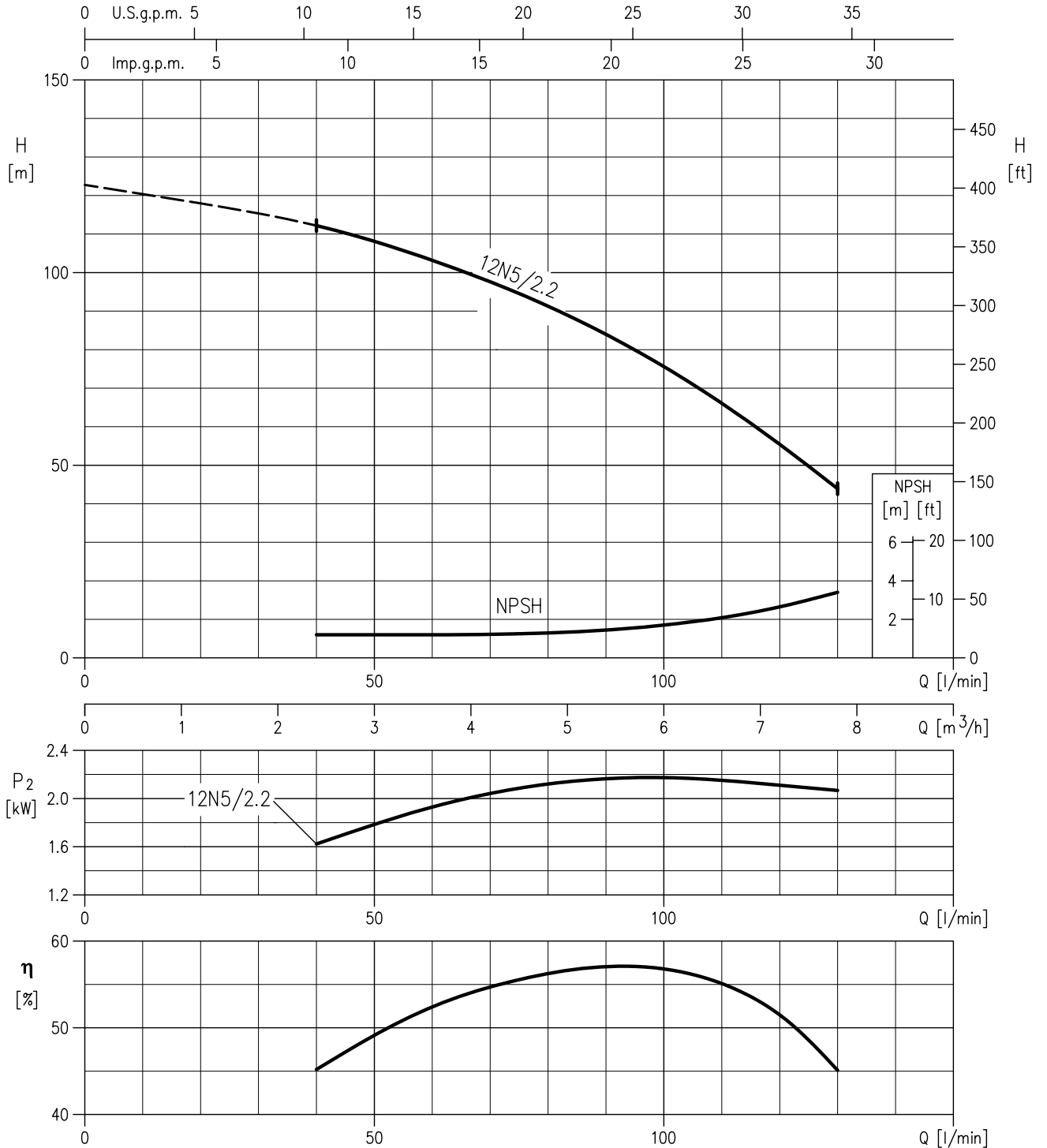


Rotation speed ≈ 2850 min⁻¹
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 5

50 Hz

Impeller diameter = 95 mm

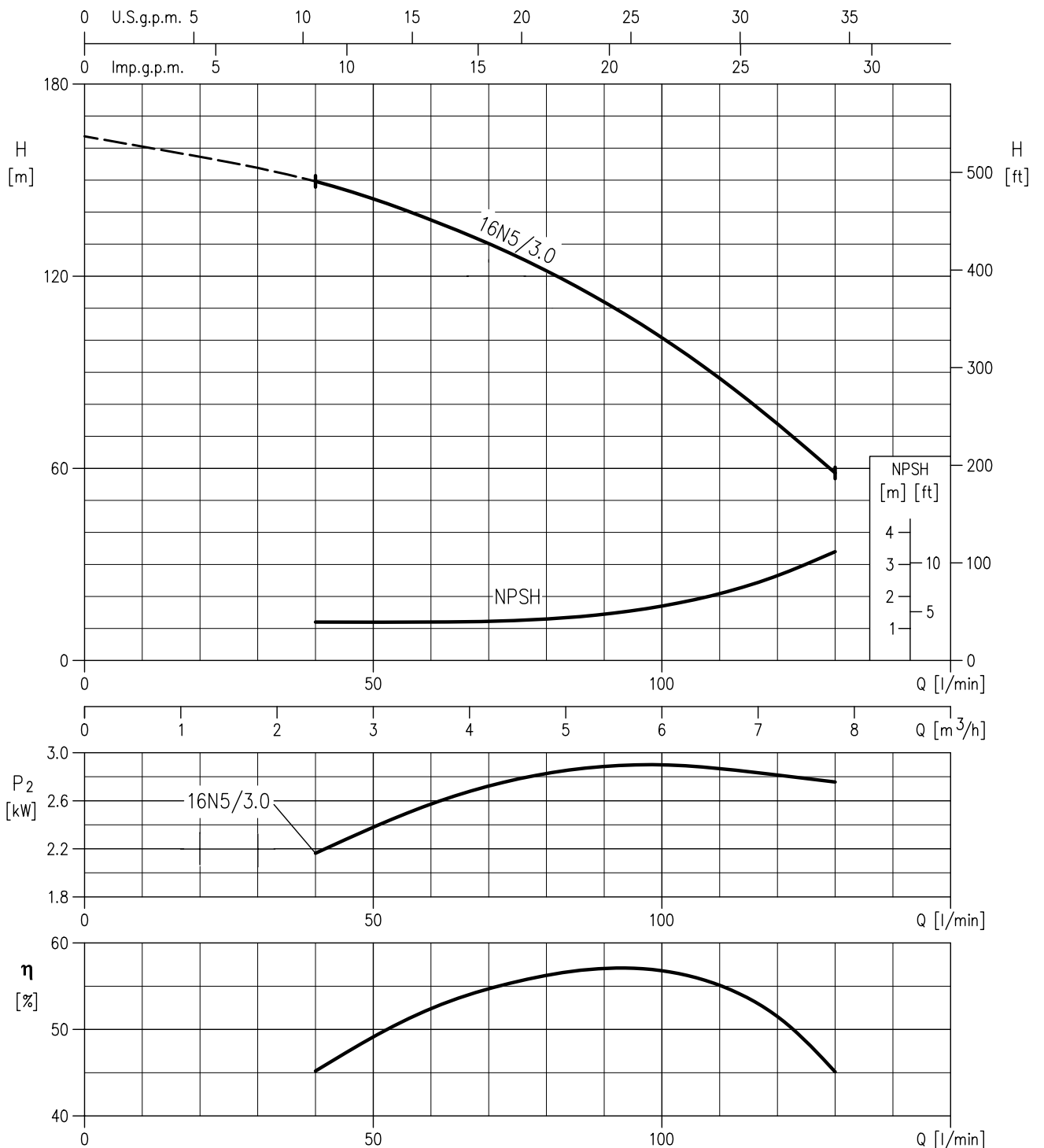


Rotation speed ≈ 2850 min⁻¹
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 5

50 Hz

Impeller diameter = 95 mm

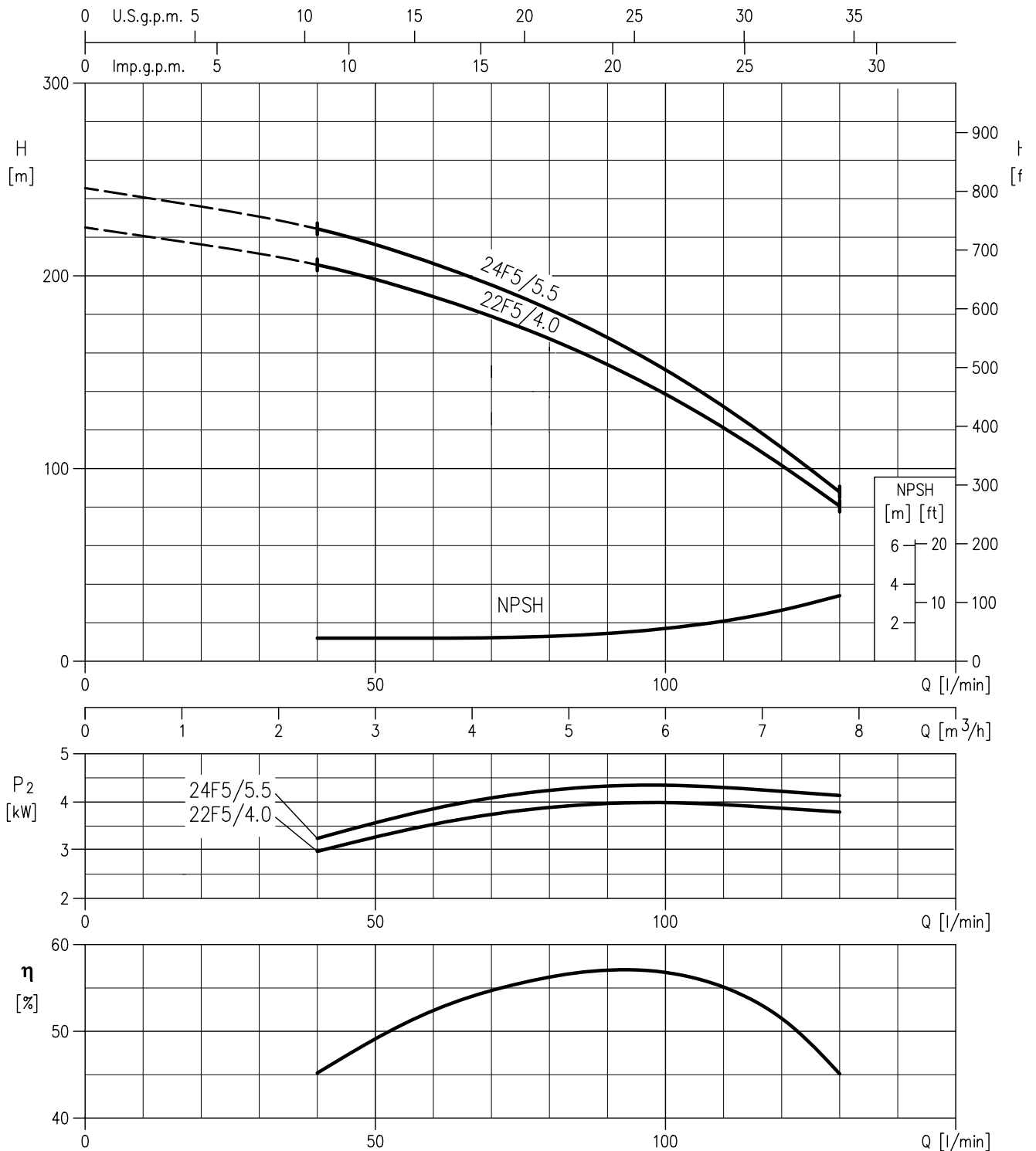


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 5

50 Hz

Impeller diameter = 95 mm

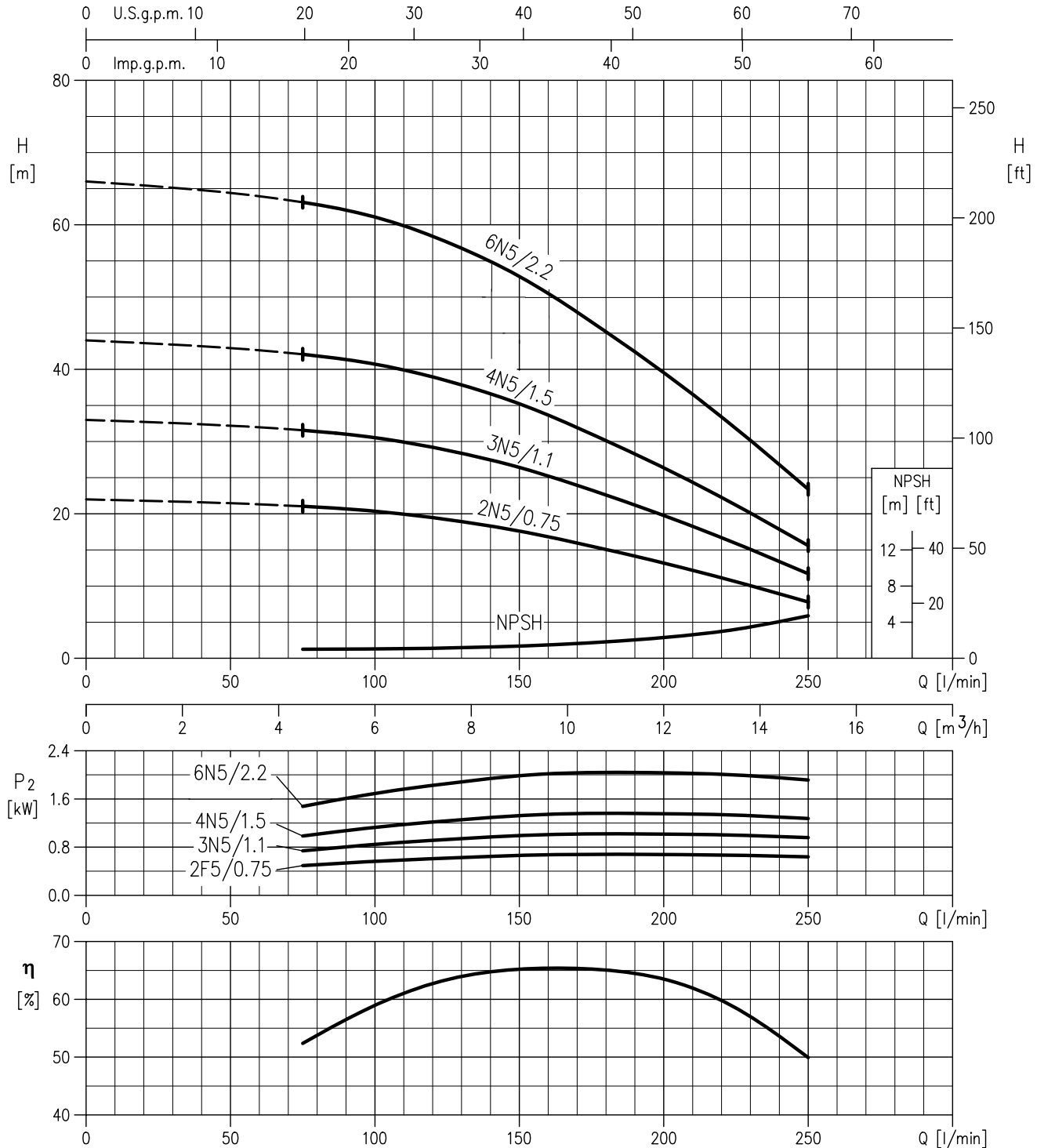


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 10

50 Hz

Impeller diameter = 96 mm

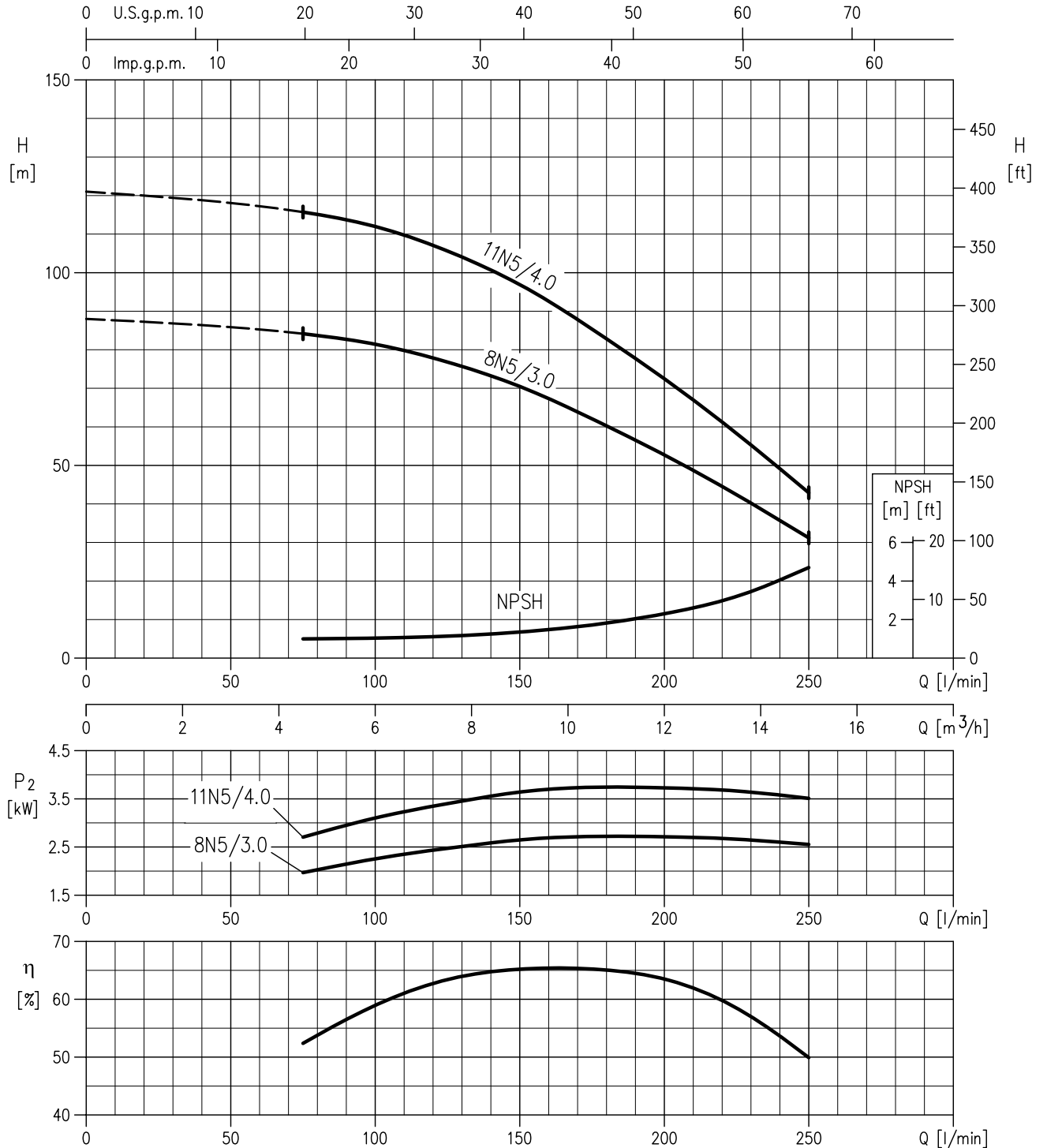


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 10

50 Hz

Impeller diameter = 96 mm

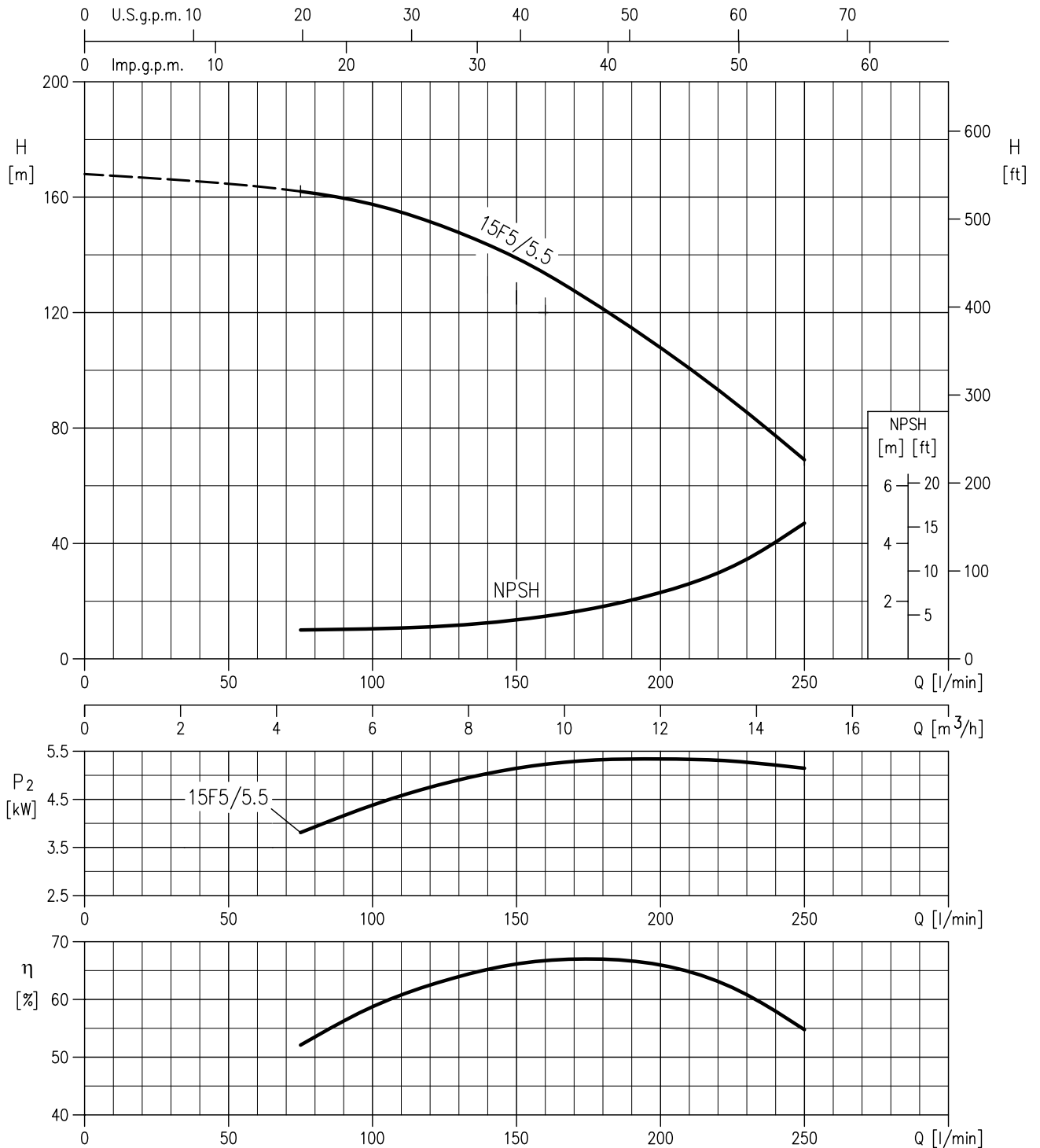


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 10

50 Hz

Impeller diameter = 96 mm

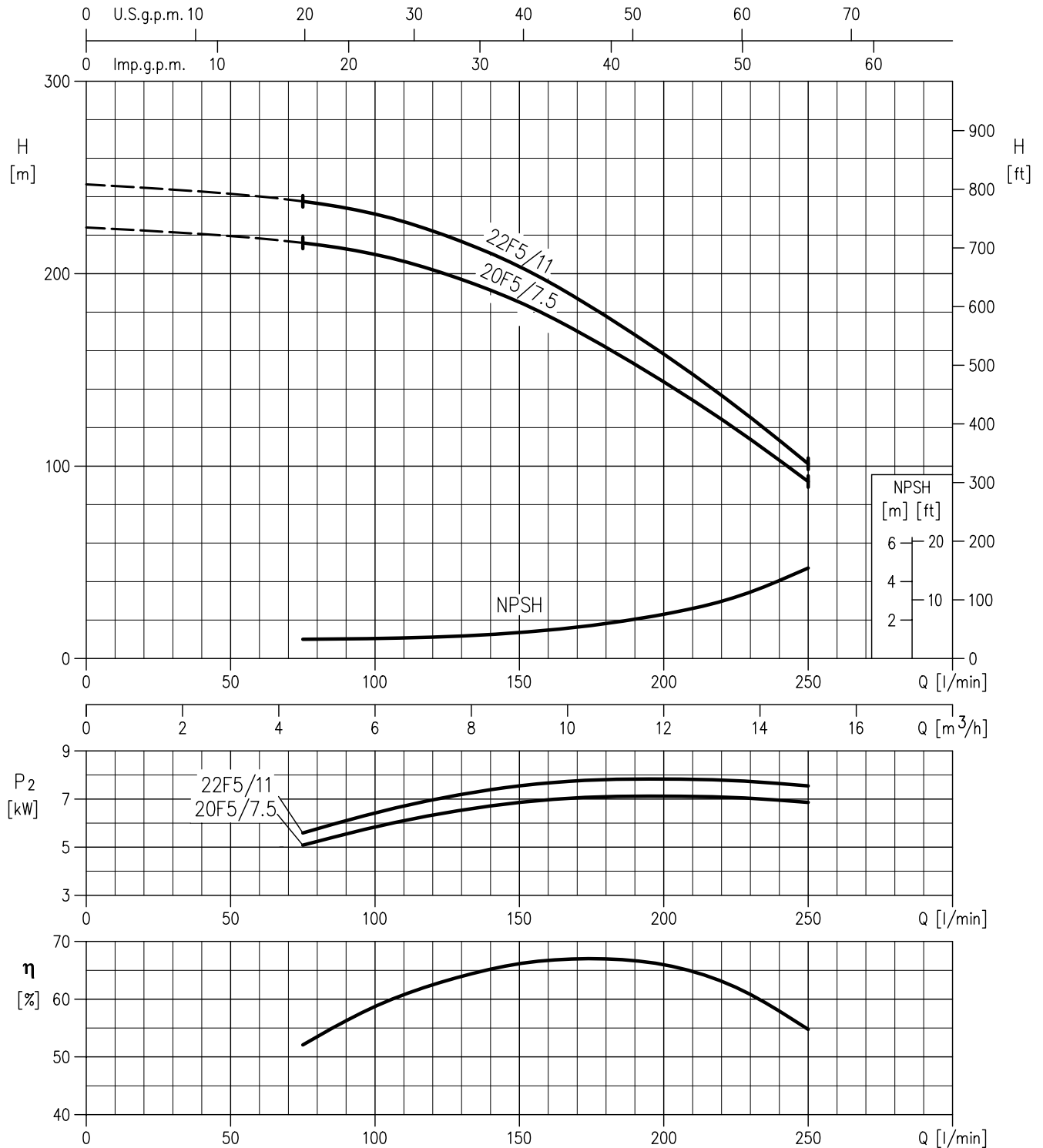


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 10

50 Hz

Impeller diameter = 96 mm

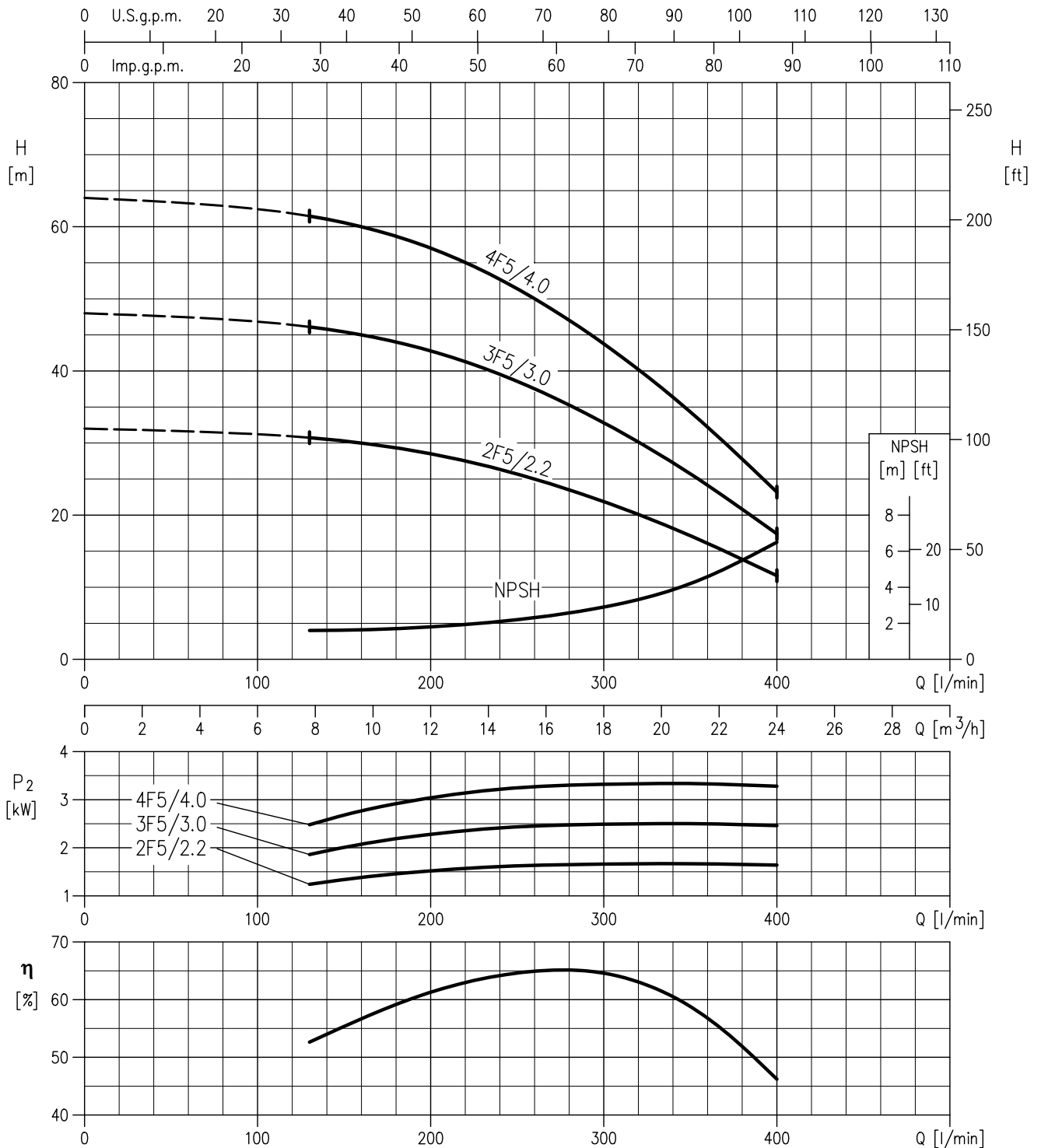


Rotation speed ≈ 2850 min⁻¹
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 18

50 Hz

Impeller diameter = 115 mm

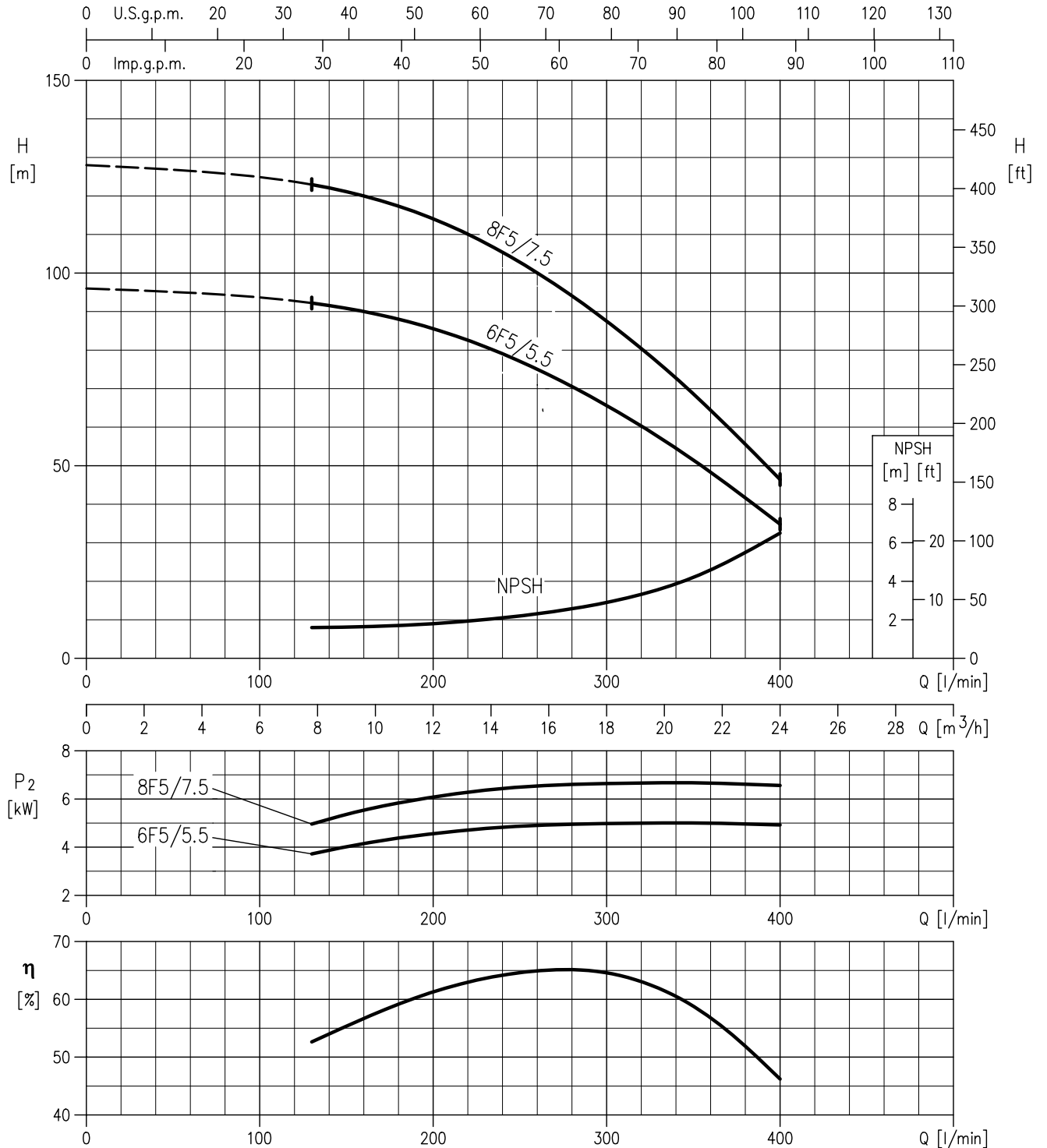


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 18

50 Hz

Impeller diameter = 115 mm

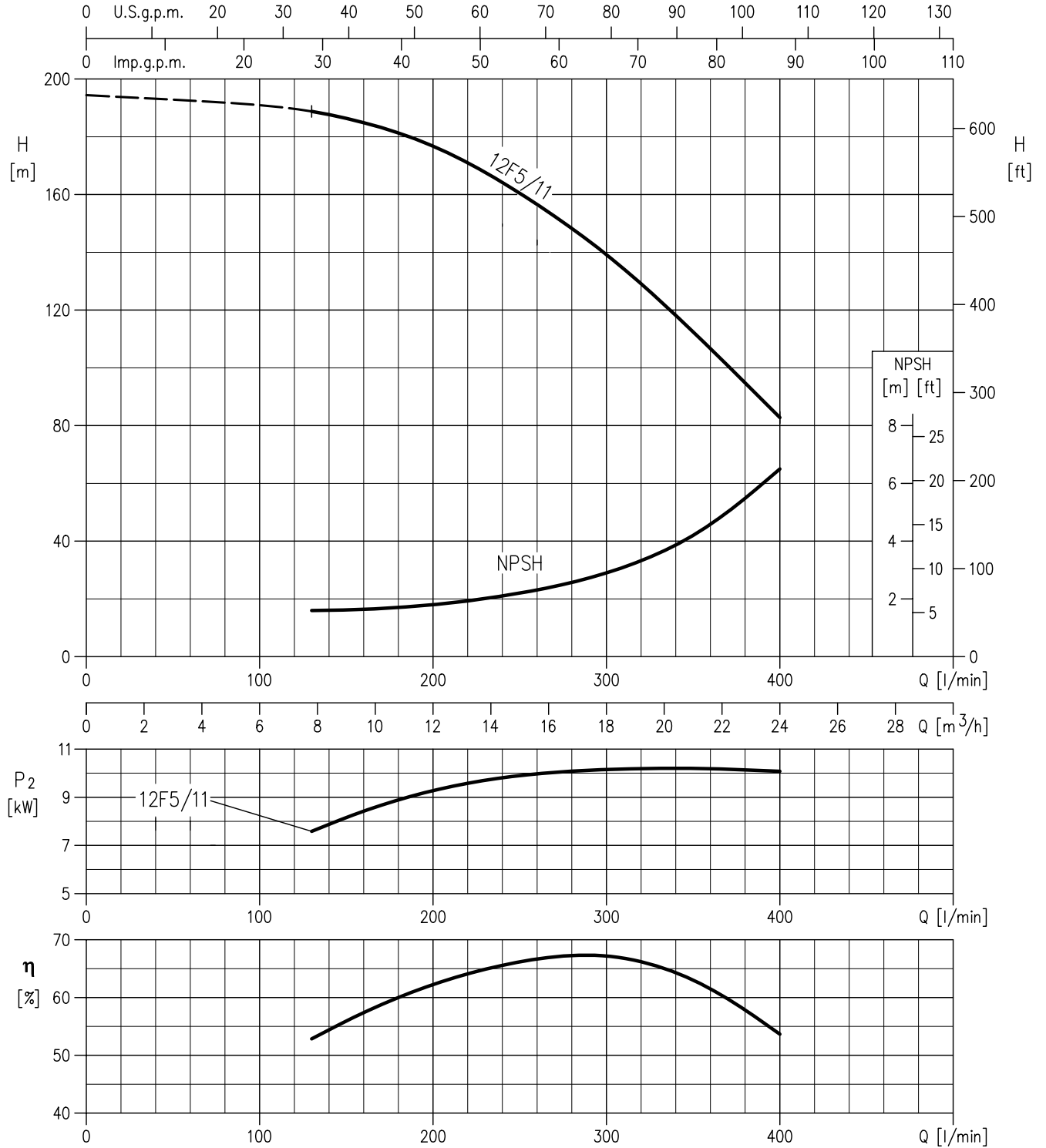


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 18

50 Hz

Impeller diameter = 115 mm

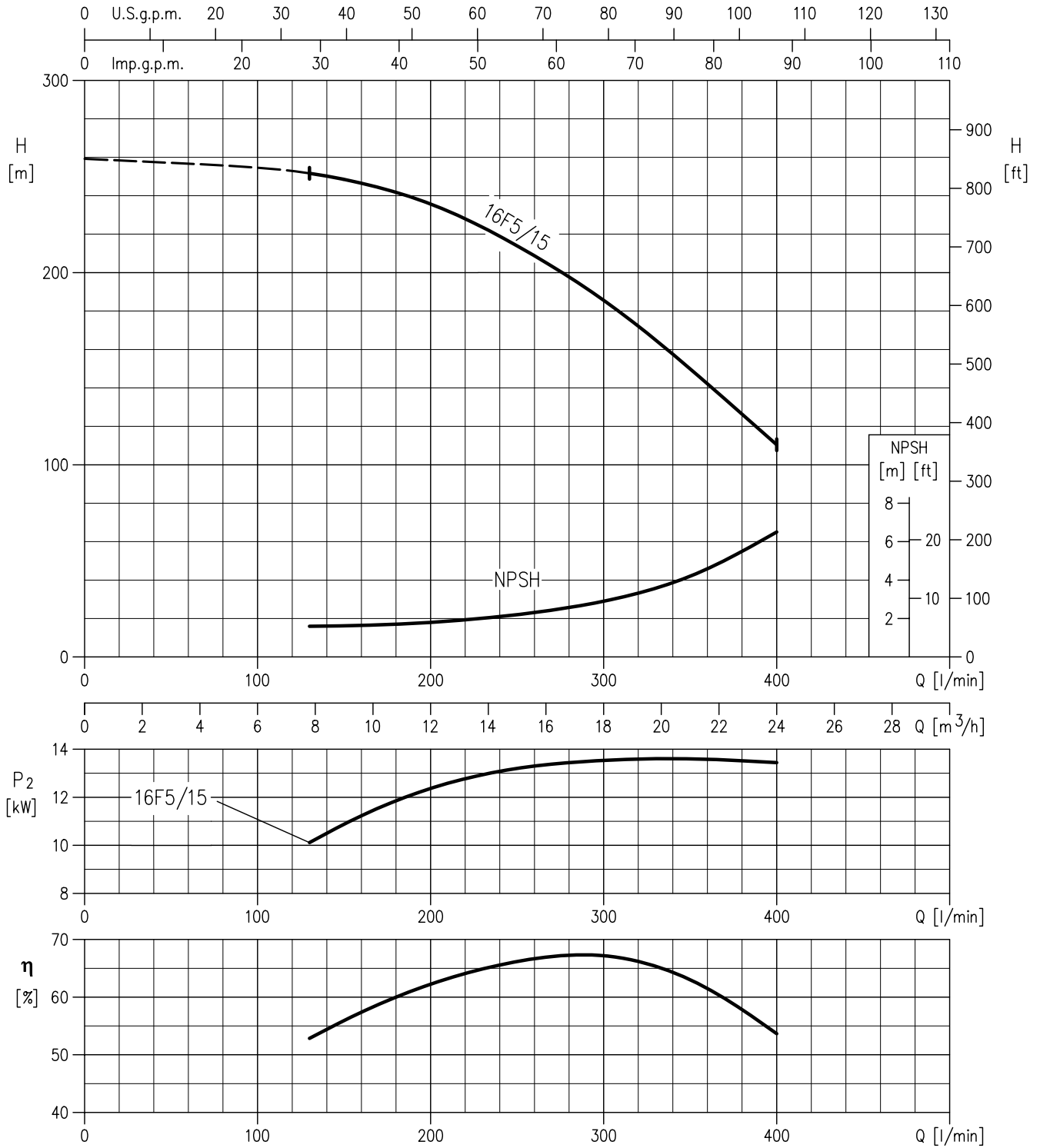


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906-Annex A

PERFORMANCE CURVE: EVMG 18

50 Hz

Impeller diameter = 115 mm

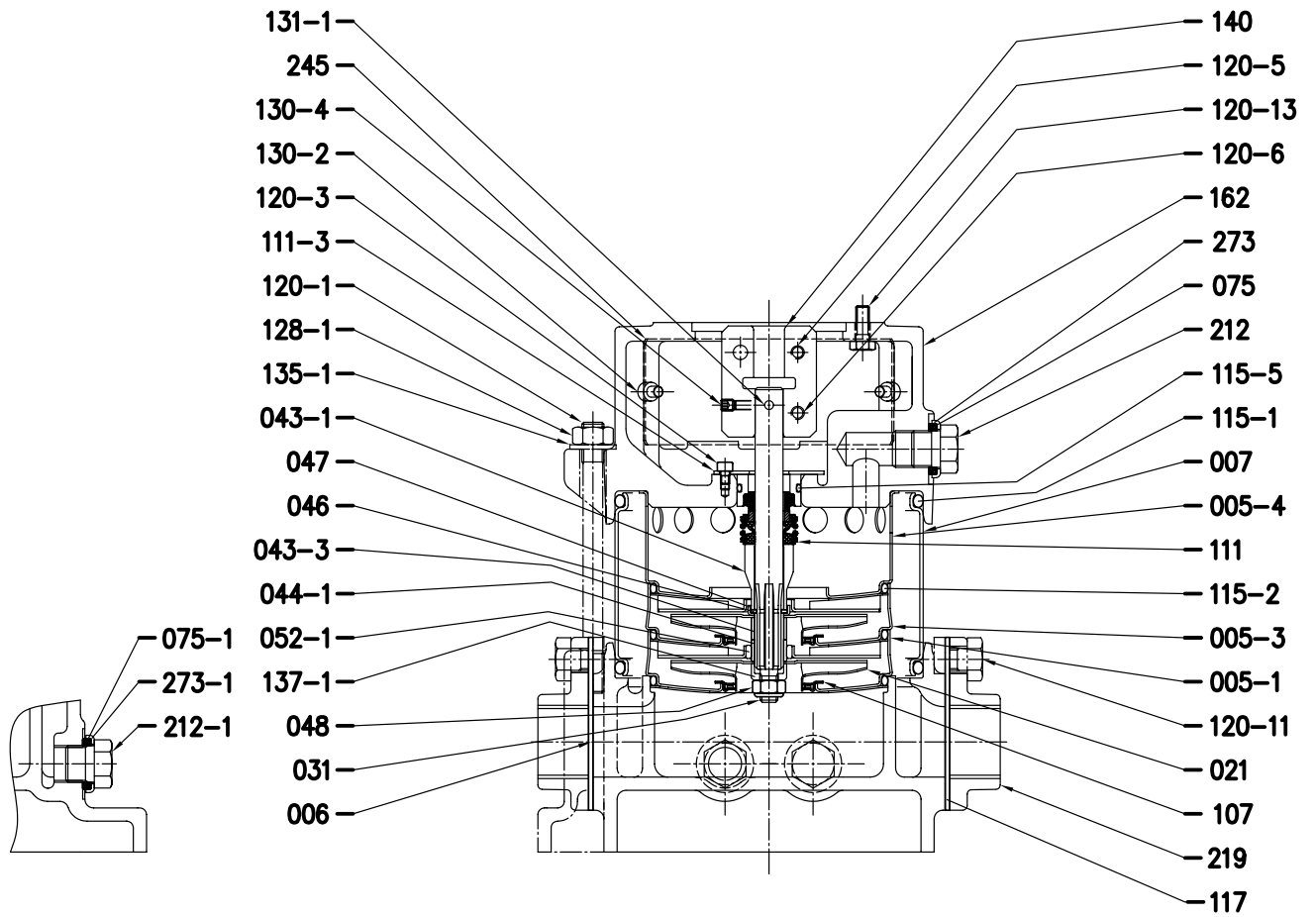


Rotation speed ≈ 2850 min⁻¹
 Test standard: ISO 9906-Annex A

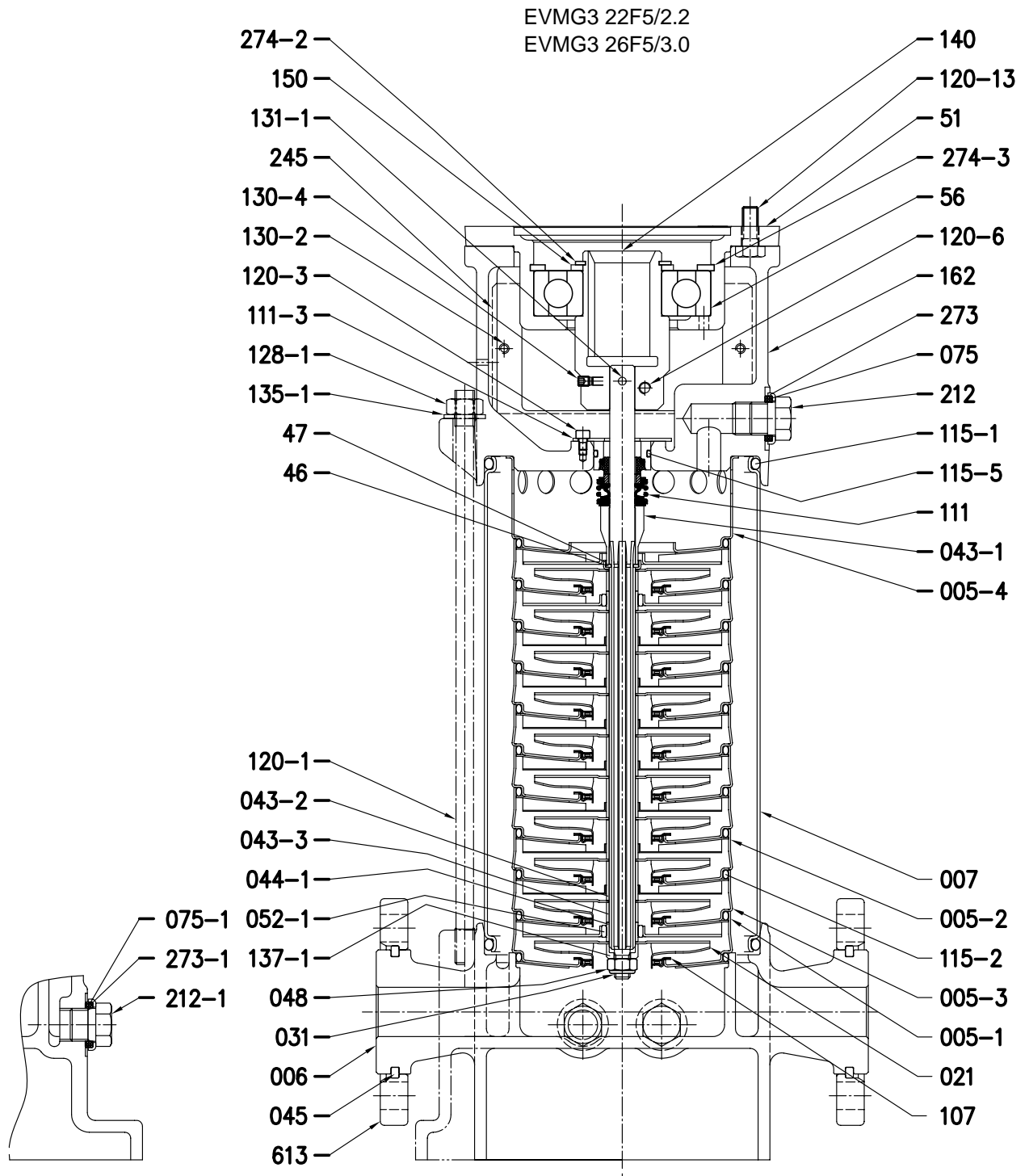
Pump without ball bearing

(Up to 1.5kw)

- EVMG3 3N5/0.37
- EVMG3 5N5/0.55
- EVMG3 7N5/0.75
- EVMG3 11N5/1.1
- EVMG3 15N5/1.5

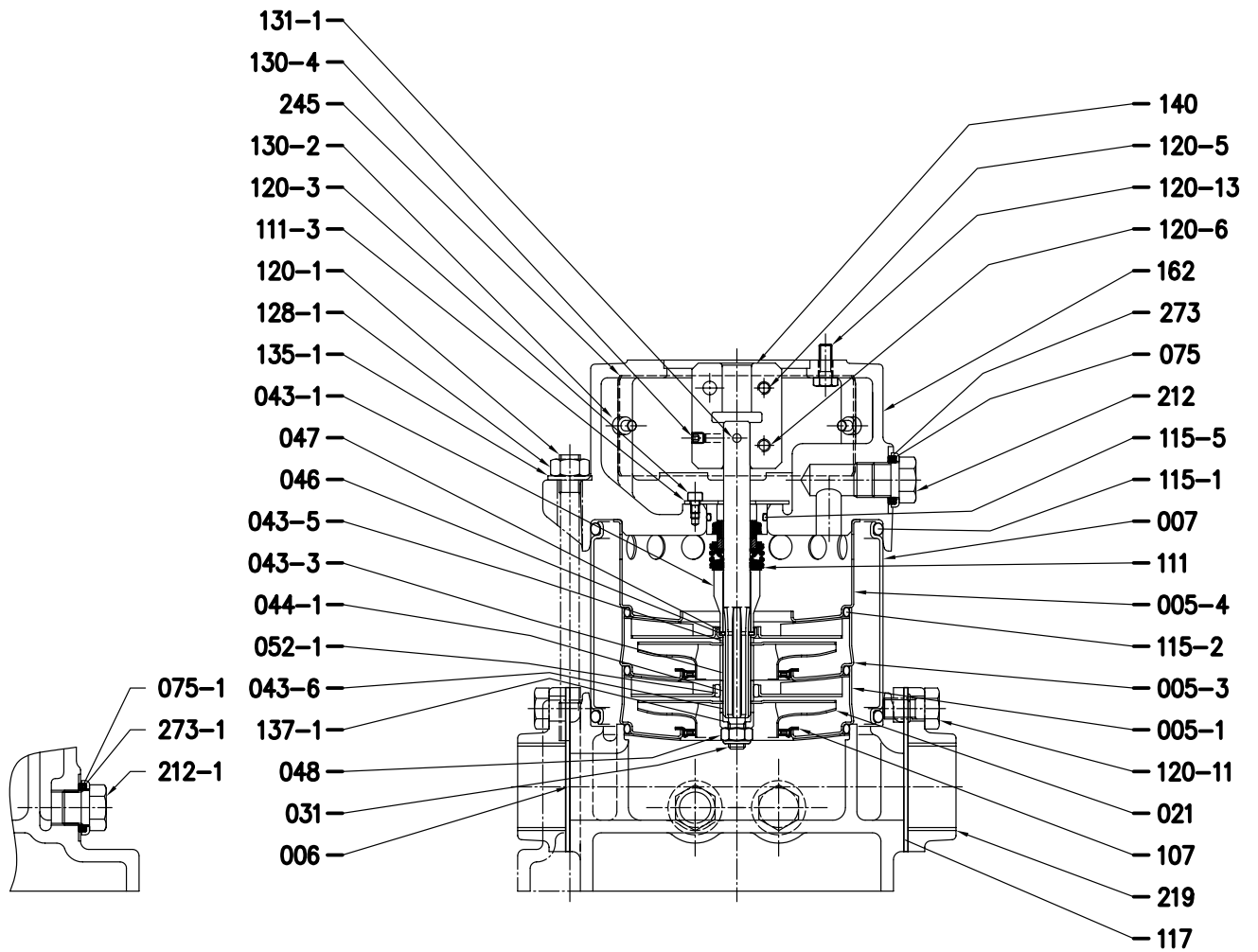


Pump with single ball bearing (2.2kw and above)



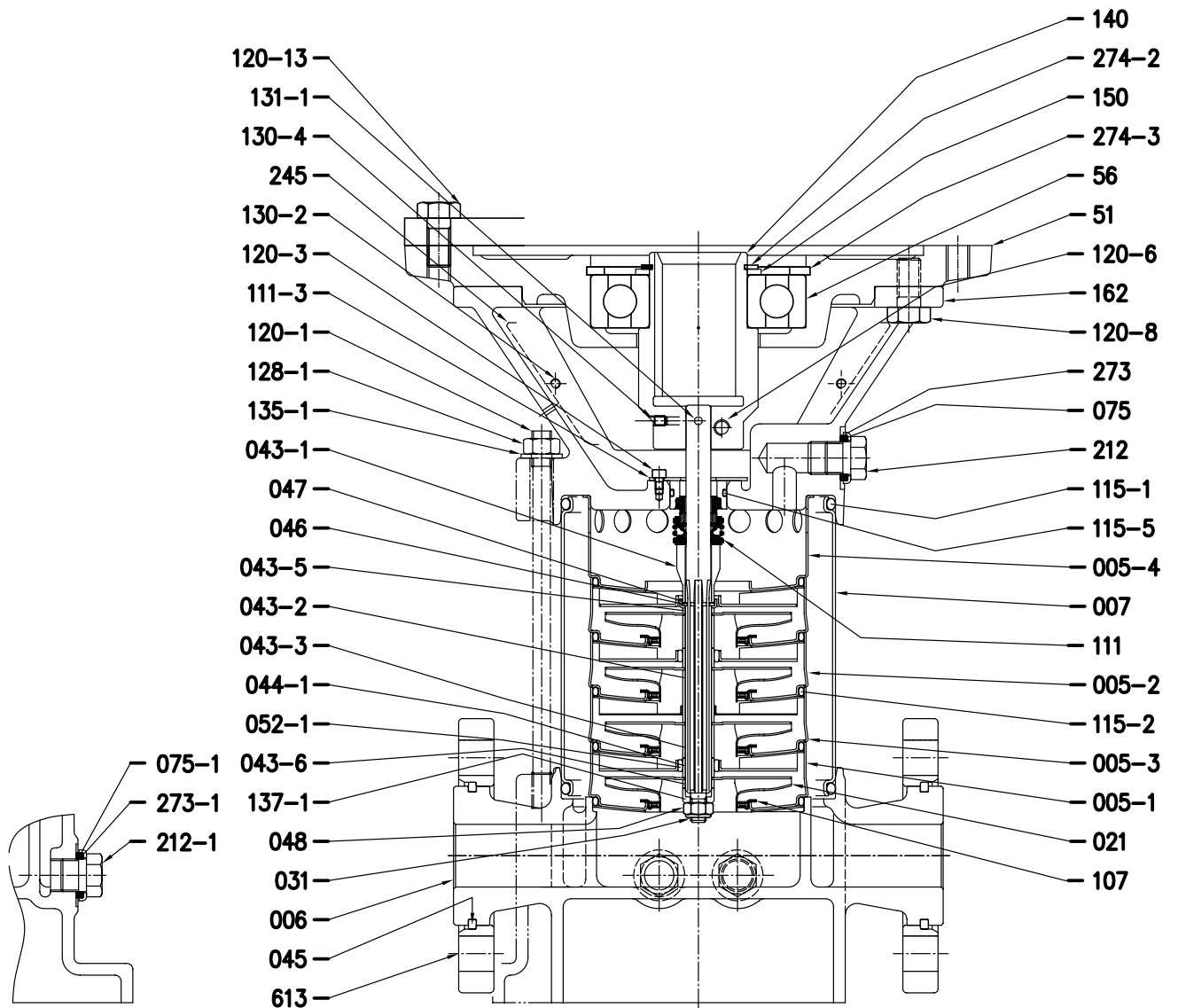
Pump without ball bearing (Up to 1.5kw)

- EVMG5 2N5/0.37
- EVMG5 3N5/0.55
- EVMG5 4N5/0.75
- EVMG5 6N5/1.1
- EVMG5 8N5/1.5



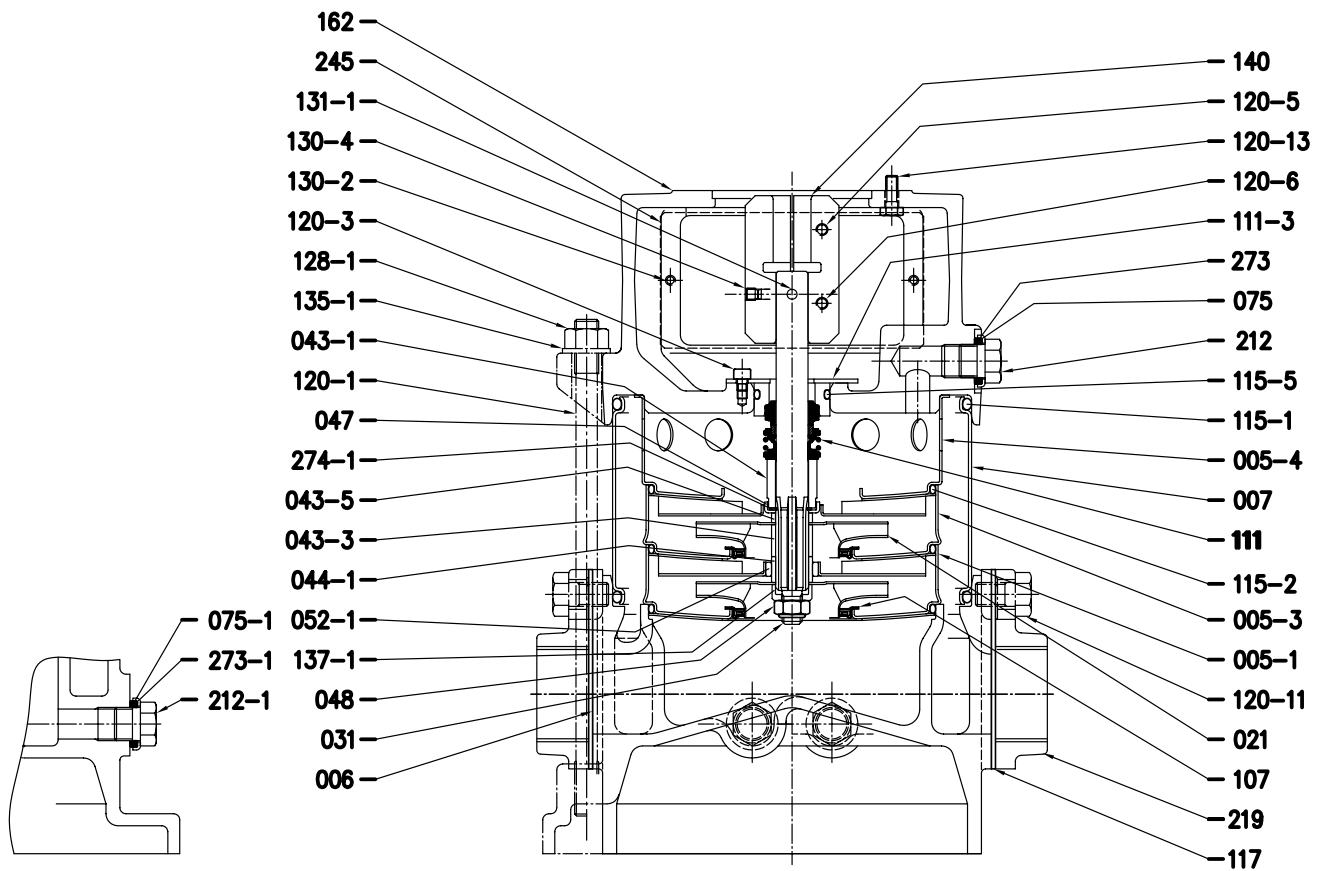
Pump with single ball bearing (2.2kw and above)

EVMG5 12N5/2.2
 EVMG5 16N5/3.0
 EVMG5 22F5/4.0
 EVMG5 24F5/5.5



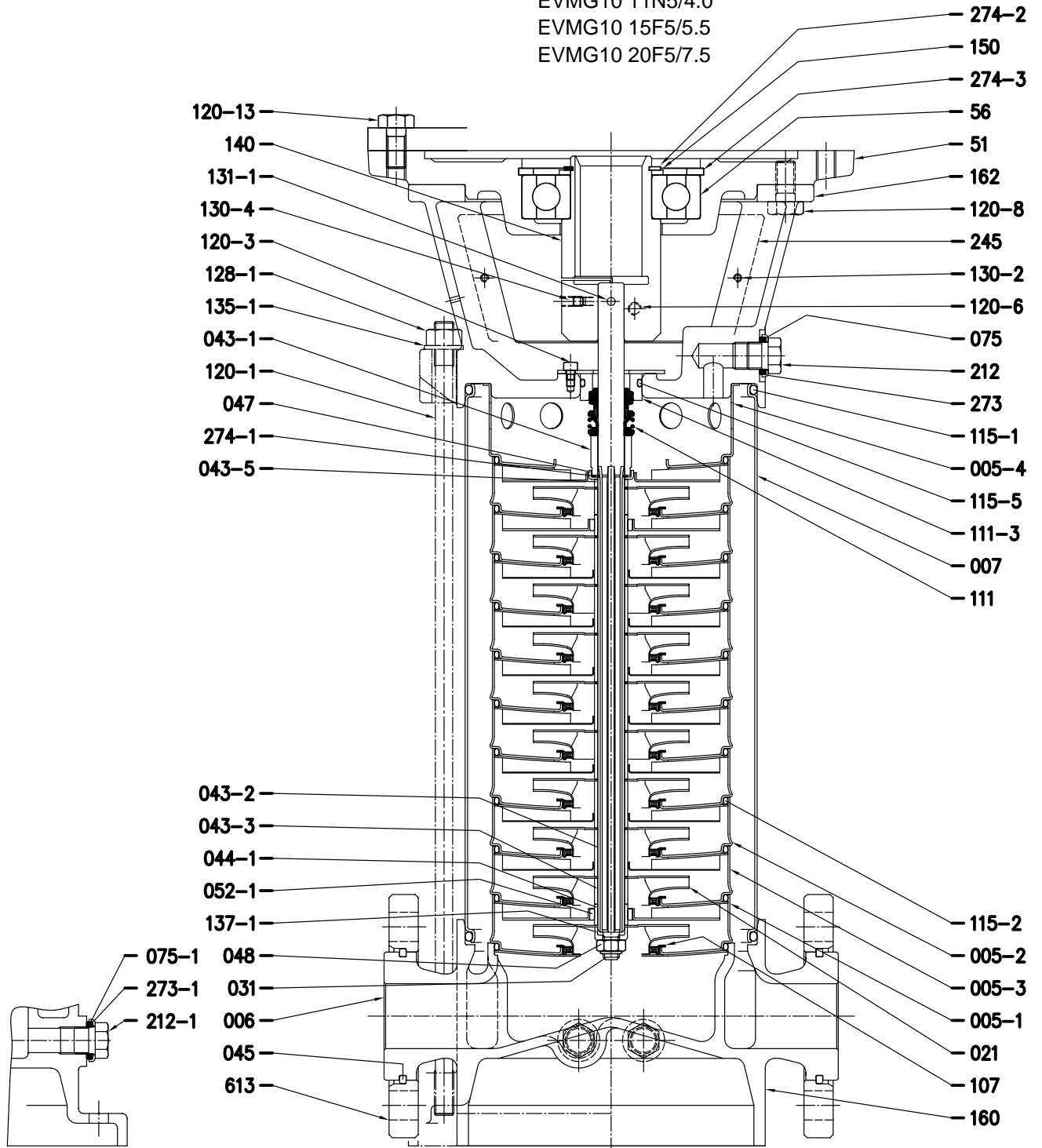
Pump without ball bearing (Up to 1.5kw)

EVMG10 2N5/0.75
EVMG10 3N5/1.1
EVMG10 4N5/1.5



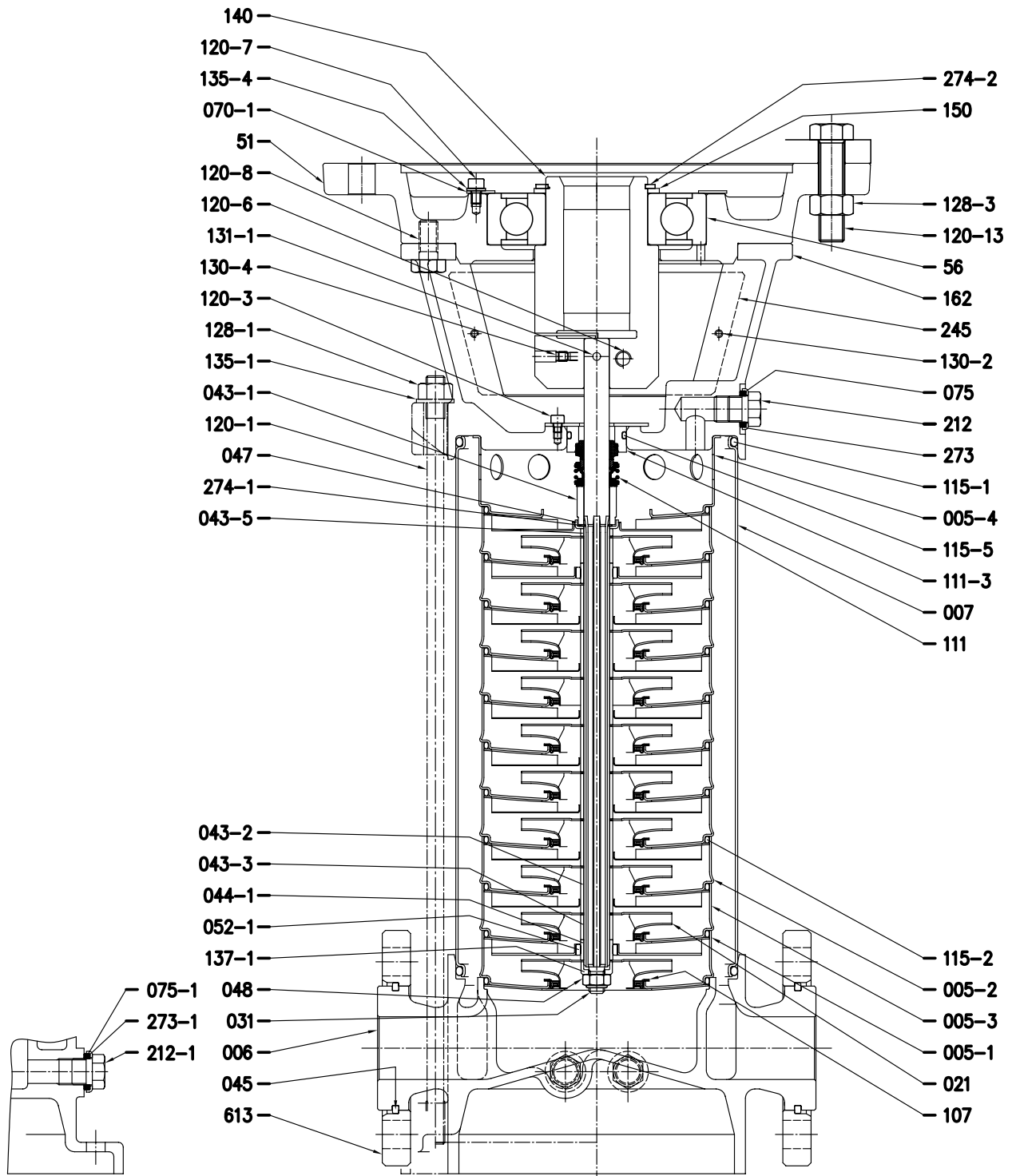
Pump with single ball bearing (2.2kw to 7.5kw)

- EVMG10 6N5/2.2
- EVMG10 8N5/3.0
- EVMG10 11N5/4.0
- EVMG10 15F5/5.5
- EVMG10 20F5/7.5



Pump with single ball bearing (11kw)

EVMG10 22F5/11

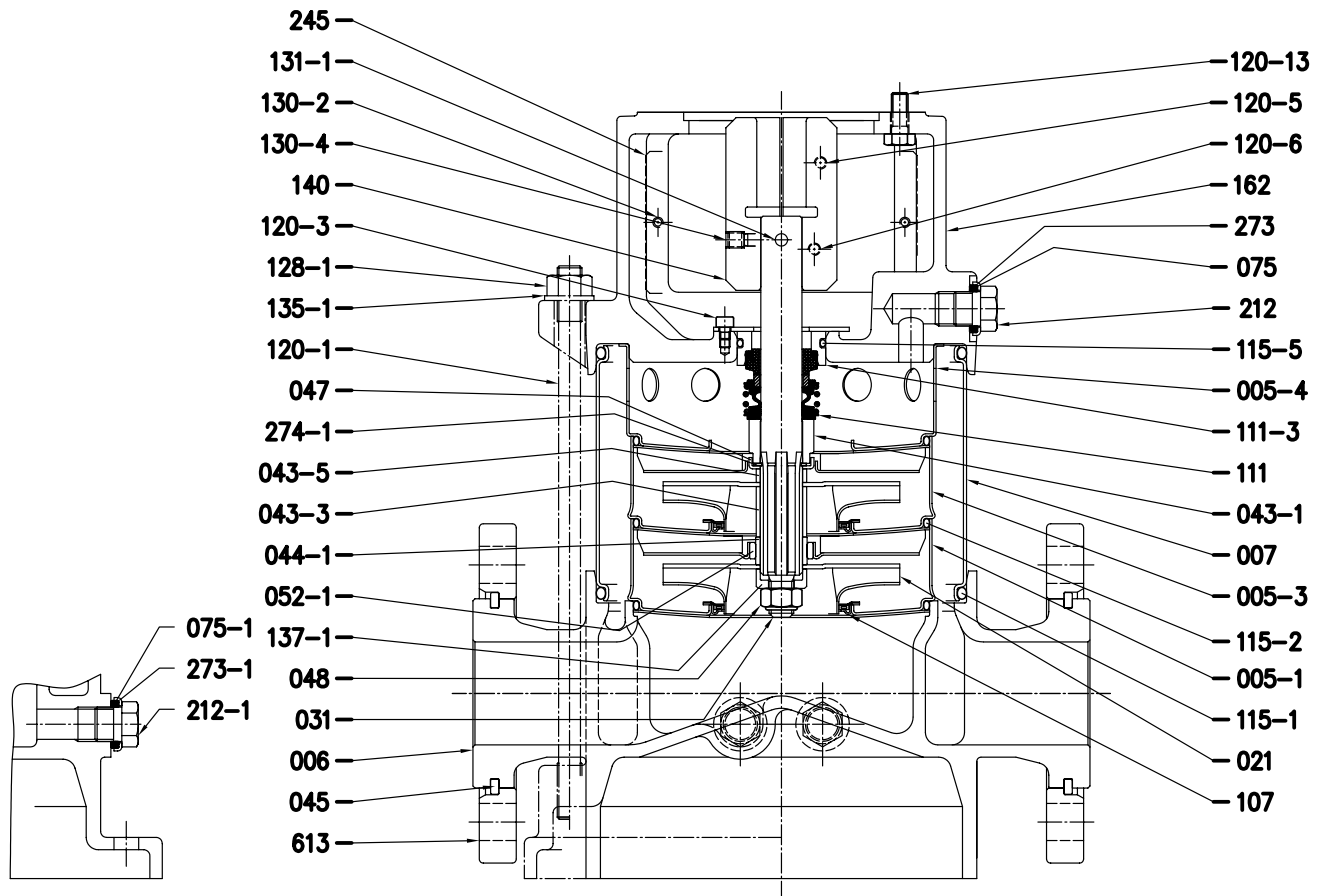


Pump without ball bearing

(2.2kw and 3kw)

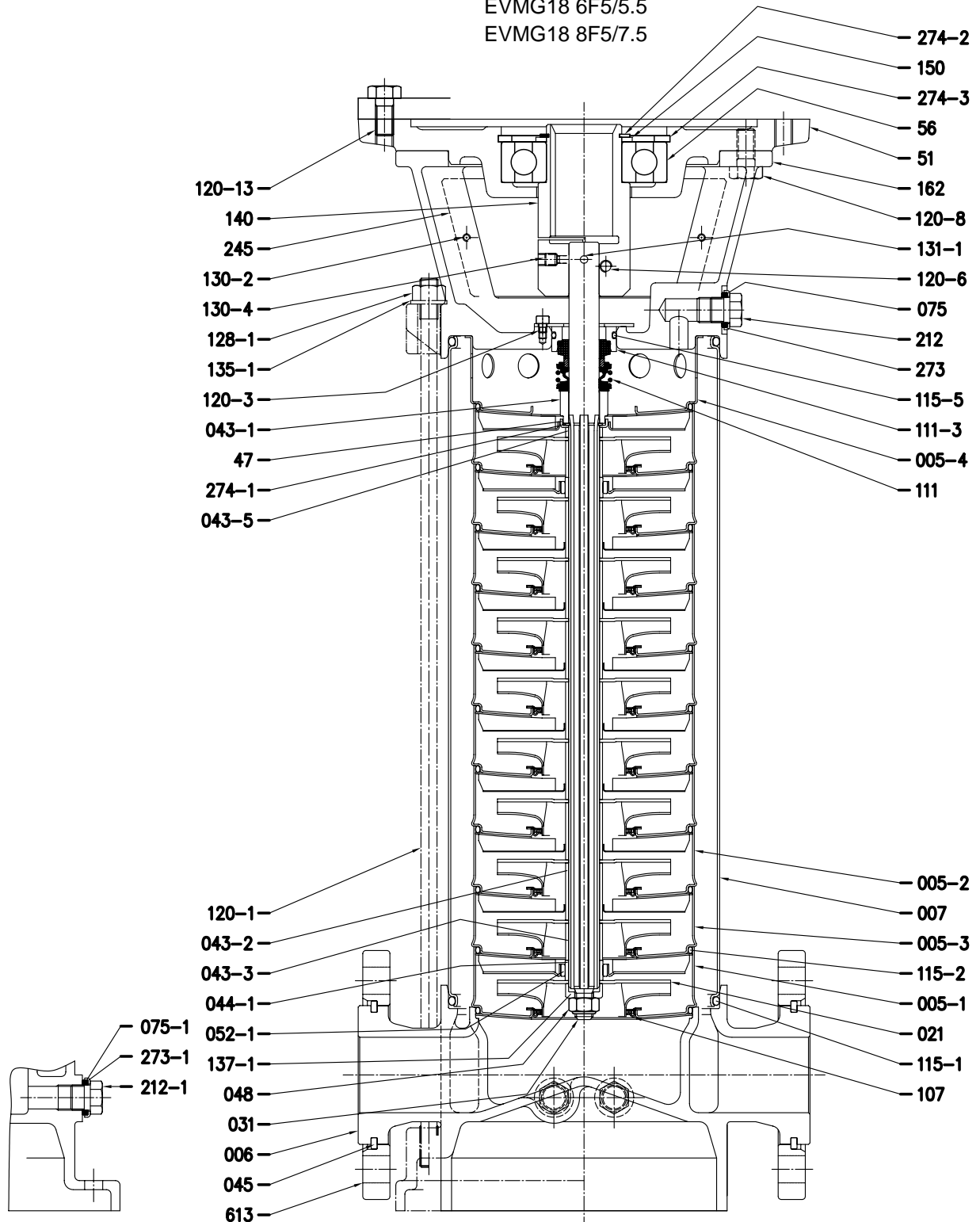
EVMG18 2F5/2.2

EVMG18 3F5/3.0



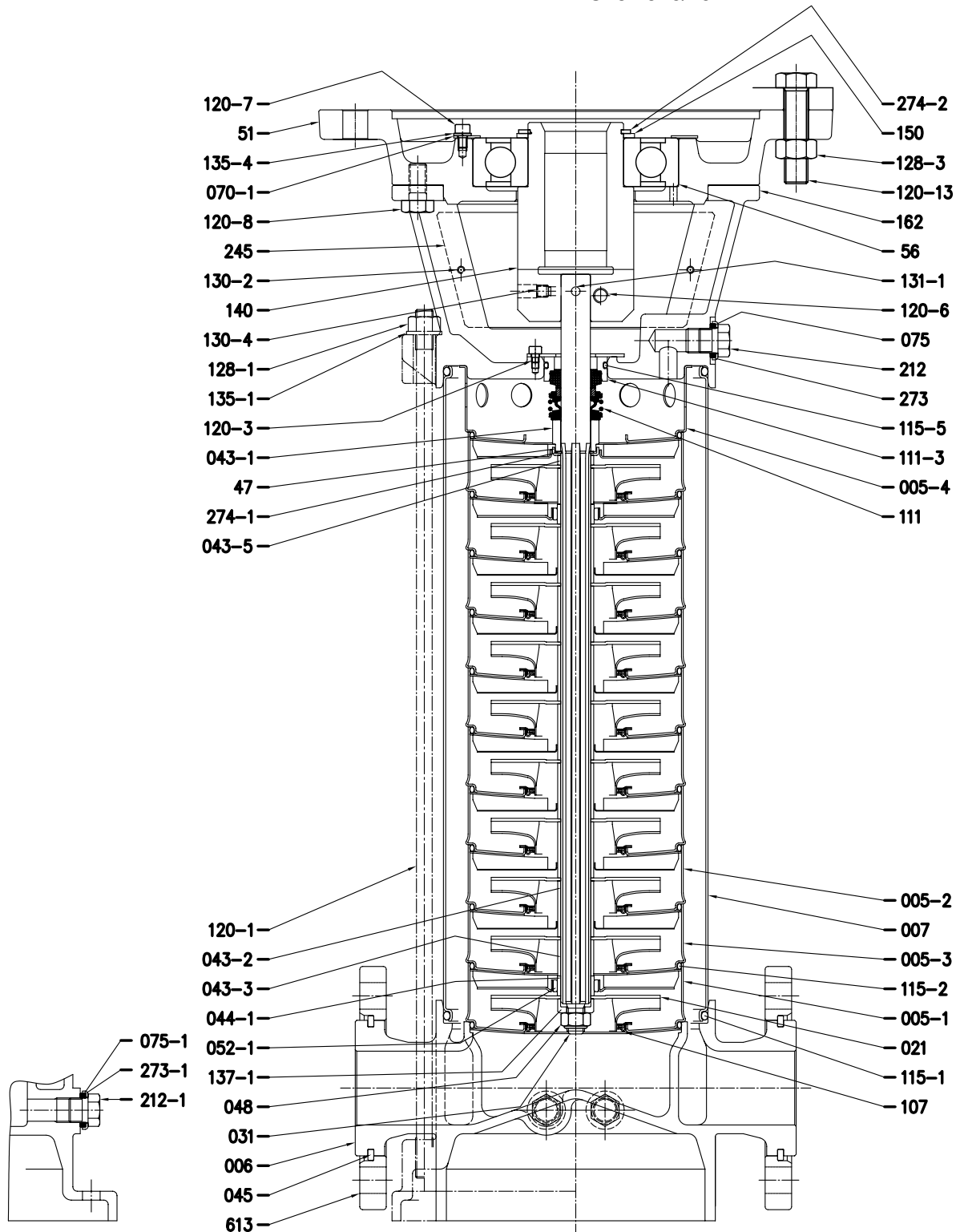
Pump with single ball bearing (4kw to 7.5kw)

EVMG18 4F5/4.0
EVMG18 6F5/5.5
EVMG18 8F5/7.5



Pump with single ball bearing (11kw to 15kw)

EVMG18 12F5/11
EVMG18 16F5/15



N°	Part name	Material	Dimensions	Standard	N. For 1 unit
005-1	Suction casing	EN 1.4301(AISI 304)			1
005-2	Intermediate casing	EN 1.4301(AISI 304)			[1]
005-3	Intermediate casing bearing	EN 1.4301(AISI 304)			[1]
005-4	Discharge casing	EN 1.4301(AISI 304)			1
006	Bottom casing	Cast iron EN-GJL-200 -EN 1561			1
007	Outer casing	EN 1.4401 (AISI 316)			1
021	Impeller	EN 1.4301(AISI 304)			[1]
031	Shaft	EN 1.4401 (AISI 316)			1
043-1	Shaft sleeve (mechanical seal)	EN 1.4301(AISI 304)			1
043-2	Shaft sleeve (intermediate)	EN 1.4301(AISI 304)			[1]
043-3	Shaft sleeve (bearing)	EN 1.4301(AISI 304)			[1]
043-5	Shaft sleeve (last stage)	EN 1.4301(AISI 304)			[1]
043-6	Shaft sleeve (adjustment)	EN 1.4301(AISI 304)			[1]
044-1	Shaft sleeve bearing	Tungsten carbide			[1]
045	Flange holder	EN 1.4021 (AISI 420)			4
046	Split ring (mechanical seal)	EN 1.4301(AISI 304)			[1]
047	Ring holder	EN 1.4301(AISI 304)			1
048	Impeller nut	A2-70 UNI 7323 with inox insert	M8		1
051	Motor adapter	Cast iron EN-GJL-200-EN 1561			[1]
052-1	Bearing	Tungsten carbide			[1]
056	Ball bearing	See table pag.316			[1]
075	O-ring (plug)	EPDM			1
075-1	O-ring (plug)	EPDM			2
					4
107	Liner ring	EPDM/EN 1.4301(AISI 304)			[1]
111	Mechanical seal	Silicon carbide/Carbon/FPM			1
111-3	Mechanical seal seat	EN 1.4301(AISI 304)			1
115-1	O-ring (outer casing)	EPDM	129,54X5,34	OR 6510	2
115-2	O-ring (intermediate casing)	EPDM	98,02X3,53	OR 4387	[1]
115-5	O-ring	EPDM	23,47X2,62	OR 3093	1
117	Flange gasket	EPDM			[1]

N°	Part name	Material	Dimensions	Standard	N. For 1 unit	
120-1	Tie rod	Zincate steel 6.8 strenght class ISO 898/1			4	
120-3	Screw	A2-70 UNI 7323	M4X6	UNI 5931	4	
120-5	Screw for coupling	Zincate steel 8.8 strenght class ISO 898/1	M6X16	UNI 5931	[1]	
120-6	Screw for coupling	EVMG3, EVMG5 2 to 22 EVMG5 24	Zincate steel	M6X16 M8X20	UNI 5931 UNI 5931	2
120-8	Screw (motor adapter)	Zincate steel 8.8 strenght class ISO 898/1	M12X25	UNI 5739	[1]	
120-11	Screw for counterflange	A2-70 UNI 7323	M10X20	UNI 5739	[1]	
120-13	Screw for motor	EVMG3 2 to 11, EVMG5 2 to 6 EVMG3 13 to 15, EVMG5 7 to 8 EVMG3 18 to 26, EVMG5 10 to 22 EVMG5 24	Zincate steel 8.8 strenght class ISO 898/1	M6X16 M8X20 M8X30 M12X25	UNI 5739 UNI 5739 UNI 5739 UNI 5739	4
128-1	Nut for tie rod	Zincate steel	M10	UNI 5588	4	
130-2	Screw for coupling guard	A2-70 UNI 7323	M5X6	UNI 7687	4	
130-4	Set-screw	Carbon steel	M5X6	UNI 5929	1	
131-1	Pin for shaft	Carbon steel			1	
135-1	Washer	Zincate steel	10,5X21X2	UNI 6592	4	
137-1	Impeller spacer	EN 1.4301(AISI 304)			1	
140	Coupling	Brass OT 58 UNI 5705			1	
150	Spacer	Carbon steel			[1]	
162	Motor bracket	Cast iron EN-GJL-200-EN 1561			1	
212	Plug	EN 1.4301(AISI 304)			1	
212-1	Plug	EN 1.4301(AISI 304)			2	
219	Counter flange	Zincate steel			4	
245	Coupling guard	EN 1.4301(AISI 304)			[1]	
273	Washer (plug)	EN 1.4301(AISI 304)			2	
273-1	Washer (plug)	EN 1.4301(AISI 304)			2	
274-2	C-type snap ring (coupling)	EVMG3 18, EVMG 3 22, EVMG 5 10 to 12 EVMG3 26, EVMG5 14 to 22, EVMG5 24	Carbon steel TC 80	D35 D40 D50	UNI 7435	[1]
274-3	C-type snap ring (bracket)	EVMG3 18, EVMG 3 22, EVMG 5 10 to 12 EVMG3 26, EVMG5 14 to 22, EVMG5 24	Carbon steel TC 80	D72 D90 D110	UNI 7437	[1]
613	Flange	Carbon steel			2	

N°	Part name	Material EVMG	Dimensions	Standard	N. For 1 unit
005-1	Suction casing	EN 1.4301(AISI 304)			1
005-2	Intermediate casing	EN 1.4301(AISI 304)			[1]
005-3	Intermediate casing bearing	EN 1.4301(AISI 304)			
005-4	Discharge casing	EN 1.4301(AISI 304)			1
006	Bottom casing	Cast iron EN-GJL-200 -EN 1561			
007	Outer casing	EN 1.4401 (AISI 316)			1
021	Impeller	EN 1.4301(AISI 304)			[1]
031	Shaft	EN 1.4401 (AISI 316)			1
043-1	Shaft sleeve (mechanical seal)	EN 1.4301(AISI 304)			1
043-2	Shaft sleeve (intermediate)	EN 1.4301(AISI 304)			[1]
043-3	Shaft sleeve (bearing)	EN 1.4301(AISI 304)			[1]
043-5	Shaft sleeve (last stage)	EN 1.4301(AISI 304)			
044-1	Shaft sleeve bearing	Tungsten carbide			[1]
045	Flange holder	EN 1.4021 (AISI 420)			4
046	Split ring (mechanical seal)	EN 1.4301(AISI 304)			[1]
048	Impeller nut	A2-70 UNI 7323 with inox insert	M10		1
051	Motor adapter	Cast iron EN-GJL-200-EN 1561			[1]
052-1	Bearing	Tungsten carbide			[1]
056	Ball bearing	See table pag.316			[1]
070-1	Ring for bearing	EN 1.4301(AISI 304)			[1]
075	O-ring (plug)	EPDM			1
075-1	O-ring (plug)	EPDM			2
					4
107	Liner ring	EPDM/EN 1.4301(AISI 304)			[1]
111	Mechanical seal	Silicon carbide/Carbon/FPM			1
111-3	Mechanical seal seat	EN 1.4301(AISI 304)			1
115-1	O-ring (outer casing)	EPDM	164,46X5,34	OR 6645	2
115-2	O-ring (intermediate casing)	EPDM			
115-5	O-ring	EPDM	31,34X3,53	OR 4125	1
117	Flange Gasket	EPDM			[1]

N°	Part name	Material EVMG	Dimensions	Standard	N. For 1 unit	
120-1	Tie rod	Zincate steel 6.8 strenght class ISO 898/1			4	
120-3	Screw	A2-70 UNI 7323	M5X6	UNI 5931	4	
120-5	Screw for coupling	Zincate steel 8.8 strenght class ISO 898/1	M6X16	UNI 5931	[1]	
120-6	Screw for coupling	Zincate steel	EVMG10 2 to 6	M6X16	UNI 5931	2
			EVMG10 8 to 20	M8X20	UNI 5931	
			EVMG10 22	M10X25	UNI 5931	
120-7	Screw (bearing)	Zincate steel 8.8 strenght class ISO 898/1	6X10	UNI 5739	[1]	
120-8	Screw (motor adapter)	Zincate steel	M2X25	UNI 5739	[1]	
120-11	Screw for counterflange	A2-70 UNI 7323	M12X20	UNI 5739	[1]	
120-13	Screw for motor	Zincate steel 8.8 strenght class ISO 898/1	EVMG10 2 to3	M6X16	UNI 5931	4
			EVMG10 4	M8X20	UNI 5739	
			EVMG10 5 to11	M8X30	UNI 5739	
			EVMG10 12 to20	M12X25	UNI 5739	
			EVMG10 22	M16X65	UNI 5739	
128-1	Nut for tie rod	Zincate steel	M12	UNI 5588	4	
128-3	Nut (motor)	Zincate steel			[1]	
130-2	Screw for coupling guard	A2-70 UNI 7323	M5X6	UNI 7687	4	
130-4	Set-screw	Carbon steel	M6X6	UNI 5929	1	
131-1	Pin for shaft	Carbon steel			1	
135-1	Washer	Zincate steel	13X24X2,5	UNI 6592	4	
135-4	Washer (bearing)	Carbon steel			[1]	
137-1	Impeller spacer	EN 1.4301(AISI 304)			1	
140	Coupling	Zincate steel			1	
150	Spacer	Carbon steel			[1]	
162	Motor bracket	Cast iron EN-GJL-200-EN 1561			1	
212	Plug	EN 1.4301(AISI 304)			1	
212-1	Plug	EN 1.4301(AISI 304)			2	
					4	
219	Counter flange	Brass OT 58 UNI 5705			[1]	
245	Coupling guard	EN 1.4301(AISI 304)			2	
273	Washer (plug)	EN 1.4301(AISI 304)			1	
273-1	Washer (plug)	EN 1.4301(AISI 304)			2	
					4	
274-1	C-type snap ring (mechanical seal)	EN 1.4301(AISI 304)	D.16 JIS B2804-1978		[1]	
274-2	C-type snap ring (coupling)	Carbon steel TC 80	EVMG10 5, EVMG 10 6	D35	UNI 7435	[1]
			EVMG10 8 to 11	D40		
			EVMG10 12 to 20	D50		
			EVMG10 22	D65		
274-3	C-type snap ring (bracket)	Carbon steel TC 80	EVMG 10 5, EVMG 10 6	72	UNI 7437	[1]
			EVMG 10 8 to 11	90		
			EVMG 10 12 to 20	110		
613	Flange	Carbon steel			2	

N°	Part name	Material EVMG	Dimensions	Standard	N. For 1 unit
005-1	Suction casing	EN 1.4301(AISI 304)			1
005-2	Intermediate casing	EN 1.4301(AISI 304)			[1]
005-3	Intermediate casing bearing	EN 1.4301(AISI 304)			[1]
005-4	Discharge casing	EN 1.4301(AISI 304)			1
006	Bottom casing	Cast iron EN-GJL-200 -EN 1561			1
007	Outer casing	EN 1.4401 (AISI 316)			1
021	Impeller	EN 1.4301(AISI 304)			[1]
031	Shaft	EN 1.4401 (AISI 316)			1
043-1	Shaft sleeve (mechanical seal)	EN 1.4301(AISI 304)			1
043-2	Shaft sleeve (intermediate)	EN 1.4301(AISI 304)			[1]
043-3	Shaft sleeve (bearing)	EN 1.4301(AISI 304)			[1]
043-5	Shaft sleeve (last stage)	EN 1.4301(AISI 304)			[1]
044-1	Shaft sleeve bearing	Tungsten carbide			[1]
045	Flange holder	EN 1.4021 (AISI 420)			4
047	Ring holder	EN 1.4301(AISI 304)			1
048	Impeller nut	A2-70 UNI 7323 with inox insert	M12		1
051	Motor adapter	Cast iron EN-GJL-200-EN 1561			[1]
052-1	Bearing	Tungsten carbide			[1]
056	Ball bearing	See table pag.357			[1]
070-1	Ring for bearing	EN 1.4301(AISI 304)			[1]
075	O-ring (plug)	EPDM			1
075-1	O-ring (plug)	EPDM			2
					4
107	Liner ring	EPDM/EN 1.4301(AISI 304)			[1]
111	Mechanical seal	Silicon carbide/Carbon/FPM			1
111-3	Mechanical seal seat	EN 1.4301(AISI 304)			1
115-1	O-ring (outer casing)	EPDM	164,46X5,34	OR 6645	2
115-2	O-ring (intermediate casing)	EPDM	126,6X3,53		[1]
115-5	O-ring	EPDM	36,1X3,53	OR 4143	1

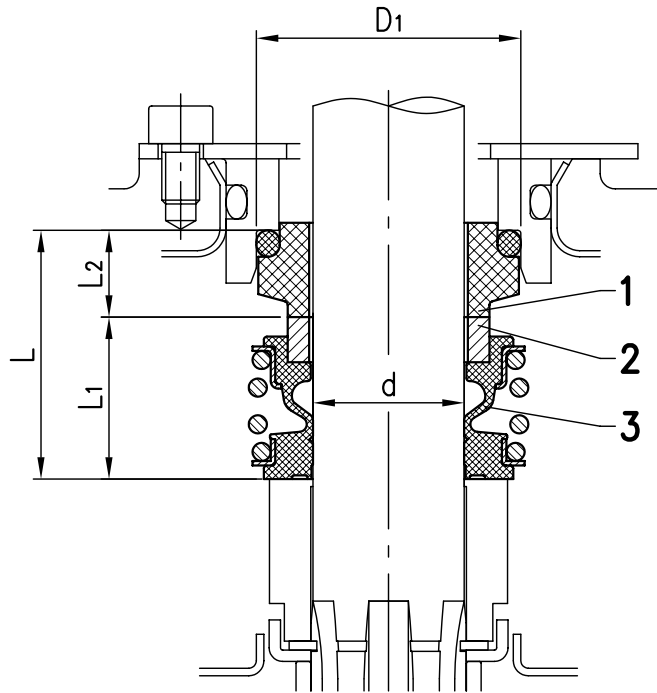
N°	Part name	Material	Dimensions	Standard	N. For 1 unit	
120-1	Tie rod	Zincate steel 6.8 strenght class ISO 898/1			4	
120-3	Screw	A2-70 UNI 7323	M5X6	UNI 5931	4	
120-5	Screw for coupling	Zincate steel 8.8 strenght class ISO 898/1	M6X16	UNI 5931	[1]	
120-6	Screw for coupling	Zincate steel	EVMG 18 2	M6X16	UNI 5931	2
			EVMG18 3 to8	M8X20	UNI 5931	
			EVM18 10 to 16	M10X25	UNI 5931	
120-7	Screw (bearing)	Zincate steel 8.8 strenght class ISO 898/1	6X10	UNI 5739	[1]	
120-8	Screw (motor adapter)	Zincate steel 8.8 strenght class ISO 898/1	M12X25	UNI 5739	[1]	
120-13	Screw for motor	Zincate steel 8.8 strenght class ISO 898/1	EVMG18 2 to 3	M8X20	UNI 5739	4
			EVMG18 4	M8X30	UNI 5739	
			EVMG18 5 to 8	M12X25	UNI 5739	
			EVMG18 10 to 16	M16X65	UNI 5739	
128-1	Nut for tie rod	Zincate steel			4	
128-3	Nut (motor)	Zincate steel			[1]	
130-2	Screw for coupling guard	A2-70 UNI 7323	M5X6	UNI 7687	4	
130-4	Set-screw	Carbon steel	M8X8	UNI 5929	1	
131-1	Pin for shaft	Carbon steel			1	
135-1	Washer	Zincate steel	13X24X2,5	UNI 6512	4	
135-4	Washer (bearing)	Carbon steel			[1]	
137-1	Impeller spacer	EN 1.4301(AISI 304)			1	
140	Coupling	All models	Brass OT 58 UNI 5705		1	
		EVM18 10 to 16	CF 35 SMn Pb10			
150	Spacer	Carbon steel			[1]	
162	Motor bracket	Cast iron EN-GJL-200-EN 1561			1	
212	Plug	EN 1.4301(AISI 304)			1	
212-1	Plug	EN 1.4301(AISI 304)			2	
					4	
245	Coupling guard	EN 1.4301(AISI 304)			2	
273	Washer (plug)	EN 1.4301(AISI 304)			1	
273-1	Washer (plug)	EN 1.4301(AISI 304)			2	
					4	
274-1	C-type snap ring (mechanical seal)	EN 1.4301(AISI 304)			[1]	
274-2	C-type snap ring (coupling)	Carbon steel TC 80	EVMG18 4	D 40	UNI 7435	[1]
			EVMG18 5-8	D 50		
			EVMG18 10-16	D 65		
274-3	C-type snap ring (bracket)	Carbon steel TC 80	EVMG18 4	D 90	UNI 7437	[1]
			EVMG18 5 to 8	D 110		
613	Flange	Carbon steel			2	

CONSTRUCTIONS: EVMG3-5

50 Hz

Pump Type EVM(i)	Quantity for model																													
	005-2	005-3	021	043-2	043-3	043-5	043-6	044-1	046	051	052-1	056	Bearing type	070-1	107	115-2	115-3	117	120-5	120-7	120-8	120-11	128-3	135-4	150	219	274-1	274-2	274-3	
3 3N5/0.37	1	1	3	1	1	1	1	1	1	1	1	1	/	/	3	4	2	2	2	/	/	4	/	/	/	/	2	/	/	/
3 5N5/0.55	3	1	5	3	1	/	1	1	1	1	1	/	/	5	6	2	2	2	2	/	/	4	/	/	/	/	2	/	/	/
3 7N5/0.75	5	1	7	5	1	/	1	1	1	1	1	/	/	7	8	2	2	2	2	/	/	4	/	/	/	/	2	/	/	/
3 11N5/1.1	9	1	11	9	1	/	1	1	1	1	1	/	/	11	12	2	2	2	2	/	/	4	/	/	/	/	2	/	/	/
3 15N5/1.5	12	2	15	12	2	/	1	2	1	1	2	1	/	/	15	16	2	2	2	/	/	4	/	/	/	/	2	/	/	/
3 22F5/2.2	19	2	22	19	2	/	1	2	1	1	2	1	6207 ZZ	/	22	23	/	/	/	/	/	/	/	/	/	1	/	/	/	1
3 26F5/3.0	23	2	26	23	2	/	1	2	1	1	2	1	6308 ZZ	/	26	27	/	/	/	/	/	/	/	/	1	/	/	/	/	1
5 2N5/0.37	/	1	2	/	1	1	1	1	1	1	1	/	/	2	3	2	2	2	2	/	/	4	/	/	/	2	/	/	/	/
5 3N5/0.55	1	1	3	1	1	1	1	1	1	1	1	/	/	3	4	2	2	2	2	/	/	4	/	/	/	2	/	/	/	/
5 4N5/0.75	2	1	4	2	1	1	1	1	1	1	1	/	/	4	5	2	2	2	2	/	/	4	/	/	/	2	/	/	/	/
5 6N5/1.1	4	1	6	4	1	1	1	1	1	1	1	/	/	6	7	2	2	2	2	/	/	4	/	/	/	2	/	/	/	/
5 8N5/1.5	6	1	8	6	1	1	1	1	1	1	1	/	/	8	9	2	2	2	2	/	/	4	/	/	/	2	/	/	/	/
5 12N5/2.2	9	2	12	9	2	1	1	2	1	1	2	1	6207 ZZ	/	12	13	2	2	2	/	/	4	/	/	/	1	2	/	/	1
5 16N5/3.0	13	2	16	13	2	1	1	2	1	1	2	1	6308 ZZ	/	16	17	2	2	2	/	/	4	/	/	/	1	2	/	/	1
5 22F5/4.0	19	2	22	19	2	1	1	2	1	1	2	1	6308 ZZ	/	22	23	/	/	/	/	/	4	/	/	/	1	/	/	/	1
5 24F5/5.5	21	2	24	21	2	1	1	2	1	1	2	1	6310 ZZ	/	24	25	/	/	/	/	/	4	/	/	/	1	/	/	/	1
10 2N5/0.75	/	1	2	/	1	1	1	1	1	1	1	/	/	2	3	2	2	2	2	/	/	4	/	/	/	2	1	/	/	/
10 3N5/1.1	1	1	3	1	1	1	1	1	1	1	1	/	/	3	4	2	2	2	2	/	/	4	/	/	/	2	1	/	/	/
10 4N5/1.5	2	1	4	2	1	1	1	1	1	1	1	/	/	4	5	2	2	2	2	/	/	4	/	/	/	2	1	/	/	/
10 5N5/2.2	3	1	5	3	1	1	1	1	1	1	1	/	/	5	6	2	2	2	2	/	/	4	/	/	/	1	2	1	1	1
10 6N5/2.2	4	1	6	4	1	1	1	1	1	1	1	1	6207 ZZ	/	6	7	2	2	2	/	/	4	/	/	/	1	2	1	1	1
10 8N5/3.0	6	1	8	6	1	1	1	1	1	1	1	1	6308 ZZ	/	8	9	2	2	2	/	/	4	/	/	/	1	2	1	1	1
10 11N5/4.0	9	1	11	9	1	1	1	1	1	1	1	1	6308 ZZ	/	11	12	2	2	2	/	/	4	/	/	/	1	2	1	1	1
10 15F5/5.5	12	2	15	12	2	1	1	2	1	1	2	1	6310 ZZ	/	15	16	/	/	/	/	/	4	/	/	/	1	/	1	1	1
10 22F5/11	19	2	22	19	2	1	1	2	1	1	2	1	6313 ZZ	1	22	23	/	/	/	/	3	4	/	/	3	1	/	1	1	1
18 2F5/2	/	1	2	/	1	1	1	1	1	1	1	/	/	2	3	2	2	2	2	/	/	4	/	/	/	1	1	/	/	/
18 3F5/3.0	1	1	3	1	1	1	1	1	1	1	1	/	/	3	4	2	2	2	2	/	/	4	/	/	/	1	1	/	/	/
18 4F5/4.0	2	1	4	2	1	1	1	1	1	1	1	1	6308 ZZ	/	4	5	2	2	2	/	/	4	/	/	/	1	1	1	1	1
18 6F5/5.5	4	1	6	4	1	1	1	1	1	1	1	1	6310 ZZ	/	6	7	2	2	2	/	/	4	/	/	/	1	1	1	1	1
18 8F5/7.5	6	1	8	6	1	1	1	1	1	1	1	1	6310 ZZ	/	8	9	2	2	2	/	/	4	/	/	/	1	1	1	1	1
18 12F5/11	9	2	12	9	2	1	1	2	1	1	2	1	6313 ZZ	1	12	13	/	/	/	/	3	4	/	/	3	1	/	1	1	1
18 16F5/15	13	2	16	13	2	1	1	2	1	1	2	1	6313 ZZ	1	16	17	/	/	/	/	3	4	/	/	3	1	/	1	1	1

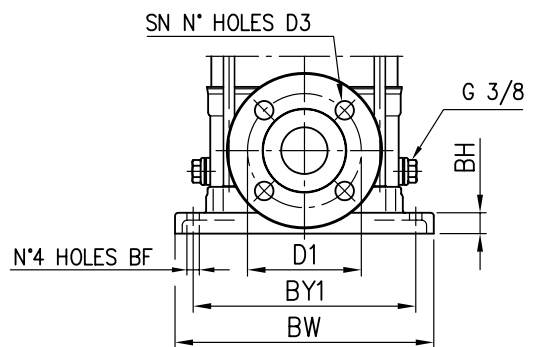
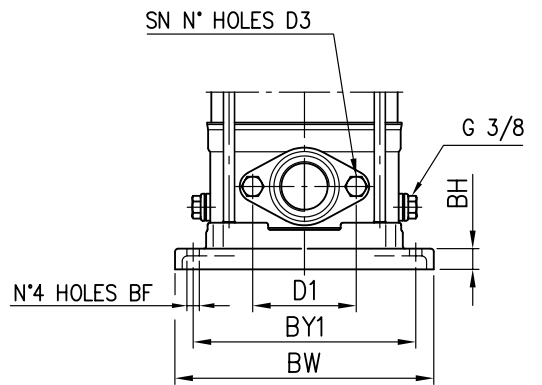
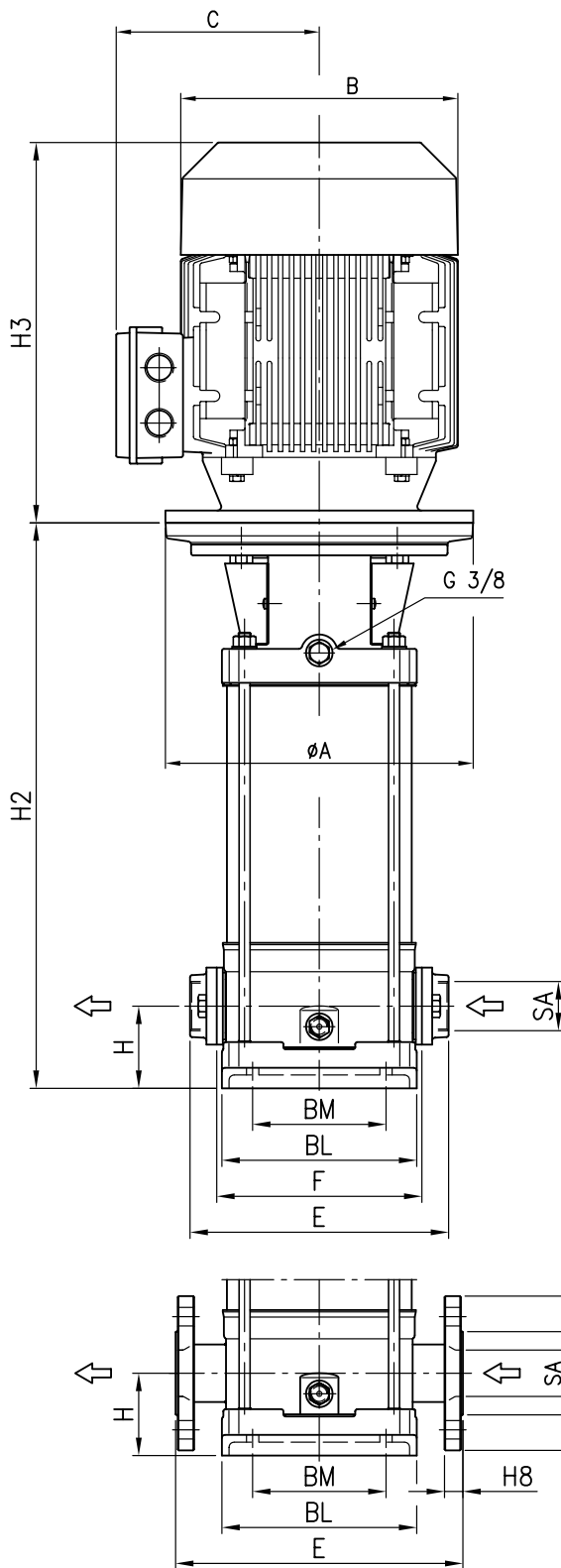
Mechanical seal



Pump Type	Size [mm]	Max. working pressure [MPa]	Manufacturer Reference			d [mm]	D ₁ [mm]	L [mm]	L ₁ [mm]	L ₂ [mm]	Material						
			Manuf.	Description	Material Description						1 stationary seal ring	2 rotary seal ring	3 rubber				
3-5	12.7	1.6	Burgmann	RMG1/12.7-G82	Q1BVGG	12.7	23	23.5	16	7.5	Carbon graphite	Silicon carbide	FPM (1)				
		2.5															
10	16	1.6		RMG1/16-G30			16	27	27	17				10			
		2.5															
18	20	1.6		RMG1/20-G82			20	35	33	21.5				11.5			
		2.5															

DIMENSIONS EVMG3-18

50 Hz



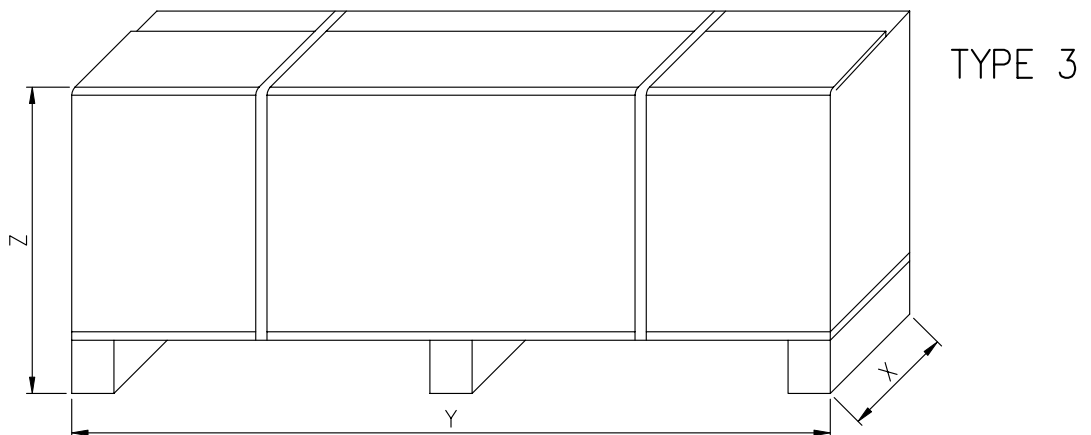
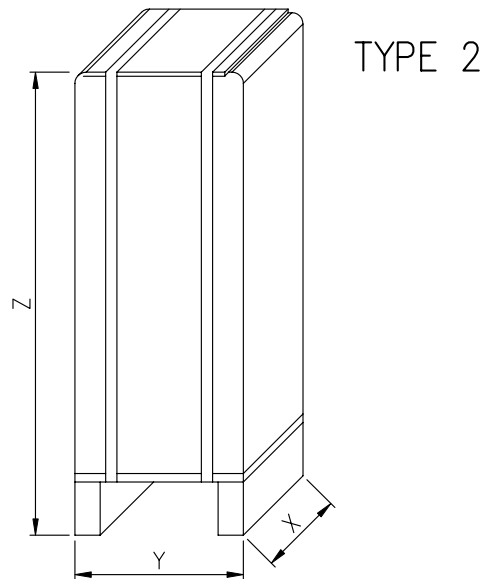
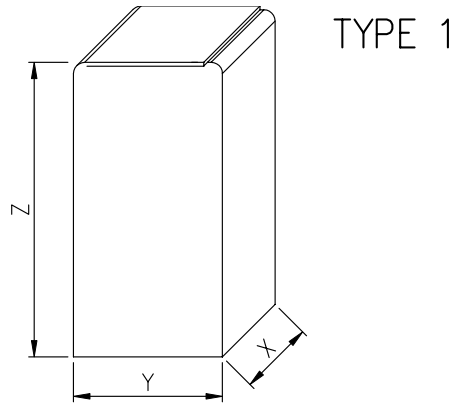
See dimensions pages 401

DIMENSIONS EVMG3-18

50 Hz

Pump Type EVM	Pmax. [MPa] 2)	Motor Size	Dimensions [mm] (For 3 phase Models *)																			Weight [kg]			
			H	H2	H3	F	E	B	C	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A	Pump	Pump + motor
3 3N5/0.37	1.6	71	50	262	215	160	206	142	112	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø105	12	17
3 5N5/0.55	1.6	71	50	304	215	160	206	142	112	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø105	13	19
3 7N5/0.75	1.6	80	50	356	232	160	206	160	129	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120	14	22
3 11N5/1.1	1.6	80	50	440	232	160	206	160	129	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120	16	26
3 15N5/1.5	1.6	90S	50	534	267	160	206	180	138	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø140	19	32
3 22F5/2.2	2.5	90L	75	717	267	-	250	180	138	100	149	180	210	Ø25	Ø66	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø140	27	43
3 26F5/3.0	2.5	100	75	811	306	-	250	196	145	100	149	180	210	Ø25	Ø66	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø160	31	50
5 2N5/0.37	1.6	71	50	255	215	160	206	142	112	100	149	180	210	G 1 1/4	-	75	-	-	2	M10	Ø12	20	Ø105	12	17
5 3N5/0.55	1.6	71	50	283	215	160	206	142	112	100	149	180	210	G 1 1/4	-	75	-	-	2	M10	Ø12	20	Ø105	12	18
5 4N5/0.75	1.6	80	50	321	232	160	206	160	129	100	149	180	210	G 1 1/4	-	75	-	-	2	M10	Ø12	20	Ø120	13	21
5 6N5/1.1	1.6	80	50	377	232	160	206	160	129	100	149	180	210	G 1 1/4	-	75	-	-	2	M10	Ø12	20	Ø120	14	24
5 8N5/1.5	1.6	90S	50	443	267	160	206	180	138	100	149	180	210	G 1 1/4	-	75	-	-	2	M10	Ø12	20	Ø140	16	28
5 12N5/2.2	1.6	90L	50	565	267	160	206	180	138	100	149	180	210	G 1 1/4	-	75	-	-	2	M10	Ø12	20	Ø140	20	36
5 16N5/3.0	1.6	100	50	688	306	160	206	196	145	100	149	180	210	G 1 1/4	-	75	-	-	2	M10	Ø12	20	Ø160	23	43
5 22F5/4.0	2.5	112	75	881	306	-	250	196	145	100	149	180	210	Ø32	Ø76	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160	31	59
5 24F5/5.5	2.5	132S	75	948	370	-	250	270	198	100	149	180	210	Ø32	Ø76	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø300	35	75
10 2N5/0.75	1.6	80	80	333	232	200	252	160	129	130	190	215	250	G 1 1/2	-	100	-	-	2	M12	Ø12	20	Ø120	18	26
10 3N5/1.1	1.6	80	80	363	232	200	252	160	129	130	190	215	250	G 1 1/2	-	100	-	-	2	M12	Ø12	20	Ø120	20	29
10 4N5/1.5	1.6	90S	80	403	267	200	252	180	138	130	190	215	250	G 1 1/2	-	100	-	-	2	M12	Ø12	20	Ø140	22	35
10 6N5/2.2	1.6	90L	80	473	267	200	252	180	138	130	190	215	250	G 1 1/2	-	100	-	-	2	M12	Ø12	20	Ø140	24	40
10 8N5/3.0	1.6	100	80	543	306	200	252	196	145	130	190	215	250	G 1 1/2	-	100	-	-	2	M12	Ø12	20	Ø160	31	50
10 11N5/4.0	1.6	112	80	633	306	200	252	196	145	130	190	215	250	G 1 1/2	-	100	-	-	2	M12	Ø12	20	Ø160	34	61
10 15F5/5.5	2.5	132S	80	764	370	-	280	270	198	130	190	215	250	Ø40	Ø88	Ø110	Ø150	20	4	Ø18	Ø12	20	Ø300	46	86
10 20F5/7.5	2.5	132S	80	915	370	-	280	270	198	130	190	215	250	Ø40	Ø88	Ø110	Ø150	20	4	Ø18	Ø12	20	Ø300	50	95
10 22F5/11	2.5	160M	80	1005	503	-	280	335	246	130	190	215	250	Ø40	Ø88	Ø110	Ø150	20	4	Ø18	Ø12	20	Ø350	56	137
18 2F5/2.2	1.6	90L	90	373	267	-	300	180	138	130	190	215	250	Ø50	Ø102	Ø125	Ø165	20	4	Ø18	Ø12	20	Ø140	27	43
18 3F5/3.0	1.6	100	90	423	306	-	300	196	145	130	190	215	250	Ø50	Ø102	Ø125	Ø165	20	4	Ø18	Ø12	20	Ø160	29	48
18 4F5/4.0	1.6	112	90	473	306	-	300	196	145	130	190	215	250	Ø50	Ø102	Ø125	Ø165	20	4	Ø18	Ø12	20	Ø160	31	59
18 6F5/5.5	1.6	132S	90	564	370	-	300	270	198	130	190	215	250	Ø50	Ø102	Ø125	Ø165	20	4	Ø18	Ø12	20	Ø300	41	81
18 8F5/7.5	2.5	132S	90	644	370	-	300	270	198	130	190	215	250	Ø50	Ø102	Ø125	Ø165	20	4	Ø18	Ø12	20	Ø300	44	89
18 12F5/11	2.5	160M	90	834	503	-	300	335	246	130	190	215	250	Ø50	Ø102	Ø125	Ø165	20	4	Ø18	Ø12	20	Ø350	57	138
18 16F5/15	2.5	160M	90	995	503	-	300	335	246	130	190	215	250	Ø50	Ø102	Ø125	Ø165	20	4	Ø18	Ø12	20	Ø350	61	154

* Dimensions refer to pumps with AEG 3 phase Motors.
 Motor dimensions and weight will vary depending on
 motor brand fitted.



PUMP TYPE EVM (.)	PUMPS					PUMP WITH MOTOR *				
	PACKING [mm]			WEIGHT [kg]	PACK TYPE	PACKING [mm]			WEIGHT [kg]	PACK TYPE
	X	Y	Z			X	Y	Z		
3 3N5/0.37	265	265	410	13	1	265	265	525	19	1
3 5N5/0.55	265	265	410	14	1	300	300	825	23	2
3 7N5/0.75	265	265	410	15	1	300	300	825	26	2
3 11N5/1.1	265	265	525	17	1	300	300	825	30	2
3 15N5/1.5	300	300	825	23	2	300	300	935	36	2
3 22F5/2.2	300	300	935	31	2	400	400	1047	50	2
3 26F5/3.0	400	400	1047	38	2	480	480	1297	60	2
5 2N5/0.37	265	265	410	13	1	265	265	525	18	1
5 3N5/0.55	265	265	410	13	1	265	265	525	20	1
5 4N5/0.75	265	265	410	14	1	300	300	825	25	2
5 6N5/1.1	265	265	410	15	1	300	300	825	28	2
5 8N5/1.5	265	265	525	17	1	300	300	935	32	2
5 12N5/2.2	300	300	825	24	2	400	400	1047	42	2
5 16N5/3.0	300	300	825	27	2	400	400	1047	49	2
5 22F5/4.0	400	400	1047	38	2	410	1350	542	72	3
5 24F5/5.5	400	400	1230	42	2	520	1540	547	91	3
10 2N5/0.75	265	265	410	22	1	300	300	825	30	2
10 3N5/1.1	265	265	410	24	1	300	300	825	33	2
10 4N5/1.5	265	265	525	26	1	300	300	825	39	2
10 6N5/2.2	265	265	525	30	1	300	300	935	46	2
10 8N5/3.0	300	300	825	32	2	400	400	1047	54	2
10 11N5/4.0	300	300	825	35	2	400	400	1047	65	2
10 15F5/5.5	400	400	1047	53	2	410	1350	542	100	3
10 20F5/7.5	400	400	1230	60	2	410	1350	542	112	3
10 22F5/11	400	400	1230	62	2	610	1750	597	158	3
18 2F5/2.2	400	400	780	31	2	400	700	780	47	2
18 3F5/3.0	400	400	780	32	2	400	400	1047	53	2
18 4F5/4.0	400	400	780	36	2	400	400	1047	65	2
18 6F5/5.5	400	400	780	47	2	400	400	1047	89	2
18 8F5/7.5	400	400	1047	50	2	480	480	1297	98	2
18 12F5/11	400	400	1047	65	2	520	1540	547	155	3
18 16F5/15	400	400	1230	72	2	610	1750	597	179	3

* Dimensions refer to pumps with AEG 3 phase Motors.

Motor dimensions and weight will vary depending on motor brand fitted.

Standard motors technical data *											
Pump type EVM(.)	Size	Motor ball bearing		Full load efficiency and power-factor		Full load current [A]			Locked rotor current [A]		
		Pump side	Fan side	η %	cos- ϕ	230 V	400V	690V	230 V	400V	690V
3 3N5/0.37	71	6202-ZZ	6202-ZZ	65.3	0.70	1.9	1.1	-	9.0	5.2	-
3 5N5/0.55	71	6202-ZZ	6202-ZZ	70.8	0.70	2.8	1.6	-	13.3	7.7	-
3 7N5/0.75	80	6204-ZZ	6204-ZZ	74.5	0.78	3.3	1.9	-	16.5	9.5	-
3 11N5/1.1	80	6204-ZZ	6204-ZZ	77.6	0.82	4.3	2.5	-	19.9	11.5	-
3 15N5/1.5	90	6205-ZZ	6205-ZZ	78.6	0.82	5.9	3.4	-	29.4	17	-
3 22F5/2.2	90	6205-ZZ	6205-ZZ	81.8	0.81	8.5	4.9	-	60.3	34.8	-
3 26F5/3.0	100	6206-ZZ	6206-ZZ	82.6	0.85	11.3	6.5	-	81.4	47	-
5 2N5/0.37	71	6202-ZZ	6202-ZZ	65.3	0.70	1.9	1.1	-	9.0	5.2	-
5 3N5/0.55	71	6202-ZZ	6202-ZZ	70.8	0.70	2.8	1.6	-	13.3	7.7	-
5 4N5/0.75	80	6204-ZZ	6204-ZZ	74.5	0.78	3.3	1.9	-	16.5	9.5	-
5 6N5/1.1	80	6204-ZZ	6204-ZZ	77.6	0.82	4.3	2.5	-	19.9	11.5	-
5 8N5/1.5	90	6205-ZZ	6205-ZZ	78.6	0.82	5.9	3.4	-	29.4	17	-
5 12N5/2.2	90	6205-ZZ	6205-ZZ	81.8	0.81	8.5	4.9	-	60.3	34.8	-
5 16N5/3.0	100	6206-ZZ	6206-ZZ	82.6	0.85	11.3	6.5	-	81.4	47	-
5 22F5/4.0	112	6206-ZZ	6206-ZZ	85.0	0.84	14.7	8.5	-	119.5	69	-
5 24F5/5.5	132	6208-ZZ	6208-ZZ	85.7	0.86	-	10.8	6.2	-	71.3	41.2
10 2N5/0.75	80	6204-ZZ	6204-ZZ	74.5	0.78	3.3	1.9	-	16.5	9.5	-
10 3N5/1.1	80	6204-ZZ	6204-ZZ	77.6	0.82	4.3	2.5	-	19.9	11.5	-
10 4N5/1.5	90	6205-ZZ	6205-ZZ	78.6	0.82	5.9	3.4	-	29.4	17	-
10 6N5/2.2	90	6205-ZZ	6205-ZZ	81.8	0.81	8.5	4.9	-	60.3	34.8	-
10 8N5/3.0	100	6206-ZZ	6206-ZZ	82.6	0.85	11.3	6.5	-	81.4	47	-
10 11N5/4.0	112	6206-ZZ	6206-ZZ	85.0	0.84	14.7	8.5	-	119.5	69	-
10 15F5/5.5	132	6208-ZZ	6208-ZZ	85.7	0.86	-	10.8	6.2	-	71.3	41.2
10 20F5/7.5	132	6208-ZZ	6208-ZZ	87.0	0.89	-	14.1	8.1	-	101.5	58.6
10 22F5/11	160	6209-ZZ	6209-ZZ	88.7	0.84	-	21.5	12.4	-	144	83.1
18 2F5/2.2	90	6205-ZZ	6205-ZZ	81.8	0.81	8.5	4.9	-	60.3	34.8	-
18 3F5/3.0	100	6206-ZZ	6206-ZZ	82.6	0.85	11.3	6.5	-	81.4	47	-
18 4F5/4.0	112	6206-ZZ	6206-ZZ	85.0	0.84	14.7	8.5	-	119.5	69	-
18 6F5/5.5	132	6208-ZZ	6208-ZZ	85.7	0.86	-	10.8	6.2	-	71.3	41.2
18 8F5/7.5	132	6208-ZZ	6208-ZZ	87.0	0.89	-	14.1	8.1	-	101.5	58.6
18 12F5/11	160	6209-ZZ	6209-ZZ	88.7	0.84	-	21.5	12.4	-	144	83.1
18 16F5/15	160	6209-ZZ	6209-ZZ	89.7	0.85	-	28.5	16.5	-	205.2	118.5

* Refers to AEG 3 phase Motors