

EVM

The new EVM pumps are vertical multistage centrifugal models, which come in various versions: Cast iron (EVMG), AISI 304 stainless steel (EVM), AISI 316 stainless steel (EVML) and WRAS-approved (EVMW).



APPLICATIONS

- Washing system
- Water treatment plants
- Reverse Osmosis system
- Some chemical applications
- Conditioning systems
- Heating systems
- Industrial boilers
- Pressure boosting for industrial systems

MATERIALS

- Pump body, external casing, casing cover, impellers, diffusers, bearing sleeve, coupling guard and bolts in contact with liquid AISI 304 (EVM), AISI 316 (EVML), EVMG version: bottom casing in cast iron
- Tie-rods and bolts not in contact with liquid in zinc coated steel
- Shaft in AISI 316
- Bearing in contact with liquids in tungsten-carbide
- Bracket and base in cast iron
- Mechanical seal in SiC/Carbon/FPM (EVM3-EVM5-EVM10-EVM18)
- Cartridge mechanical seal standard (EVM32-EVM45-EVM64)

SPECIFICATIONS

- Maximum working pressure:
 - 16 bar
 - 25 bar
 - 30 bar (only for EVM32-EVM45)
- Liquid temperature: from -15°C up to +120°C
from -15°C up to +85°C (for EVMW)

TECHNICAL DATA

- Asynchronous 2 poles motor
- Insulation: Class F
- Protection: IP55
- 1~230V \pm 10% 50Hz (up to 2.2 kW)
- 3~230/400V \pm 10% 50Hz delta connection (up to 4 kW included)
- 3~400/690V \pm 10% above 5.5kW

(F=round flanges; N=oval flanges)

STANDARD SPECIFICATIONS - EVM (G)

STANDARD SPECIFICATIONS - EVM (L)

STANDARD SPECIFICATIONS - EVM (L)

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EVM

EBARA Corporation was established in 1912 as a pump manufacturer and today EBARA is the world's foremost manufacturer of pump and pump system. EBARA is proudly presenting Vertical Multi-stage pump type EVM, manufactured with great experience of EBARA in design and production of stamped stainless steel pumps, EBARA EVM pumps offer technically advance designs to meet most market demands, including pumping of aggressive liquids.

Two standard pump options are available to satisfy most of the market requirements:

- EVM(G) : Bottom casing in cast iron, other liquid contact parts in SS304 stainless steel for general water supply usage.
- EVM(L) : All wetted contact upon parts in SS316 stainless steel for aggressive liquid pumping operation.

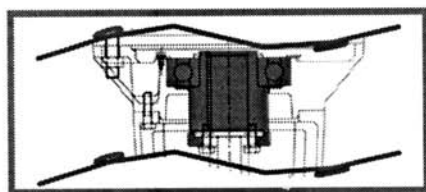
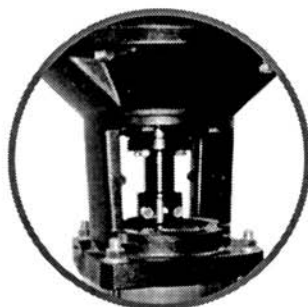
Optional materials available upon request: All wetted contact parts in SS304 stainless steel for industrial pumping applications.

1. Quality motor used.

Standard IEC electrical motor used for EVM pump; thus ensuring easy replacement as standard motor is easily available in the market.

2. Spacer coupling for user-friendly servicing.

For 11kW & above models, uniquely designed 'split' type spacer coupling are used to permit easy assembly/disassembly works without dismantling pipe work and motor.



BALL BEARING

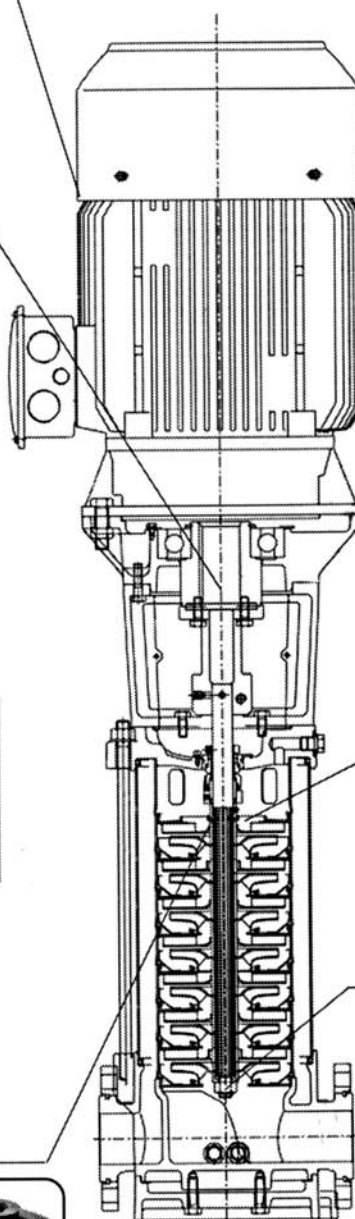
Heavy duty bearing set mounted on pump motor bracket, thus eliminating use of non-standard motors to ensure reliable pump operation.

3. Cartridge mechanical seal.

Cartridge mechanical seal is used for all pump models, except EVM 3-18 (16Bar). Thus permitting easy maintenance works at site.



STANDARD IEC MOTOR WITH ALL BEARING



4. Wide selection options.

Two (2) pump types are available as standard i.e. EVMG (Cast iron bottom casing; other wetted parts in SUS304) and EVML (All wetted parts in SUS316L).

- All wetted parts in SUS304 available as option.

EVM(G) Version
FC/SUS304

EVM (L) Version
SUS316

Option: EVM Version
SUS304

5. High efficiency hydraulic design

EBARA owned R&D has resulted in the newly developed hydraulic parts for EVM, particularly impellers and intermediate casing that provides high efficiency operation.



2D S/S impeller



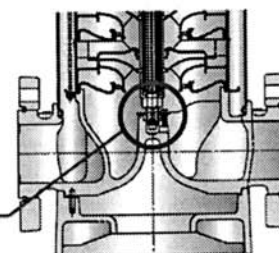
3D S/S impeller



Guide vane
intermediate
casing

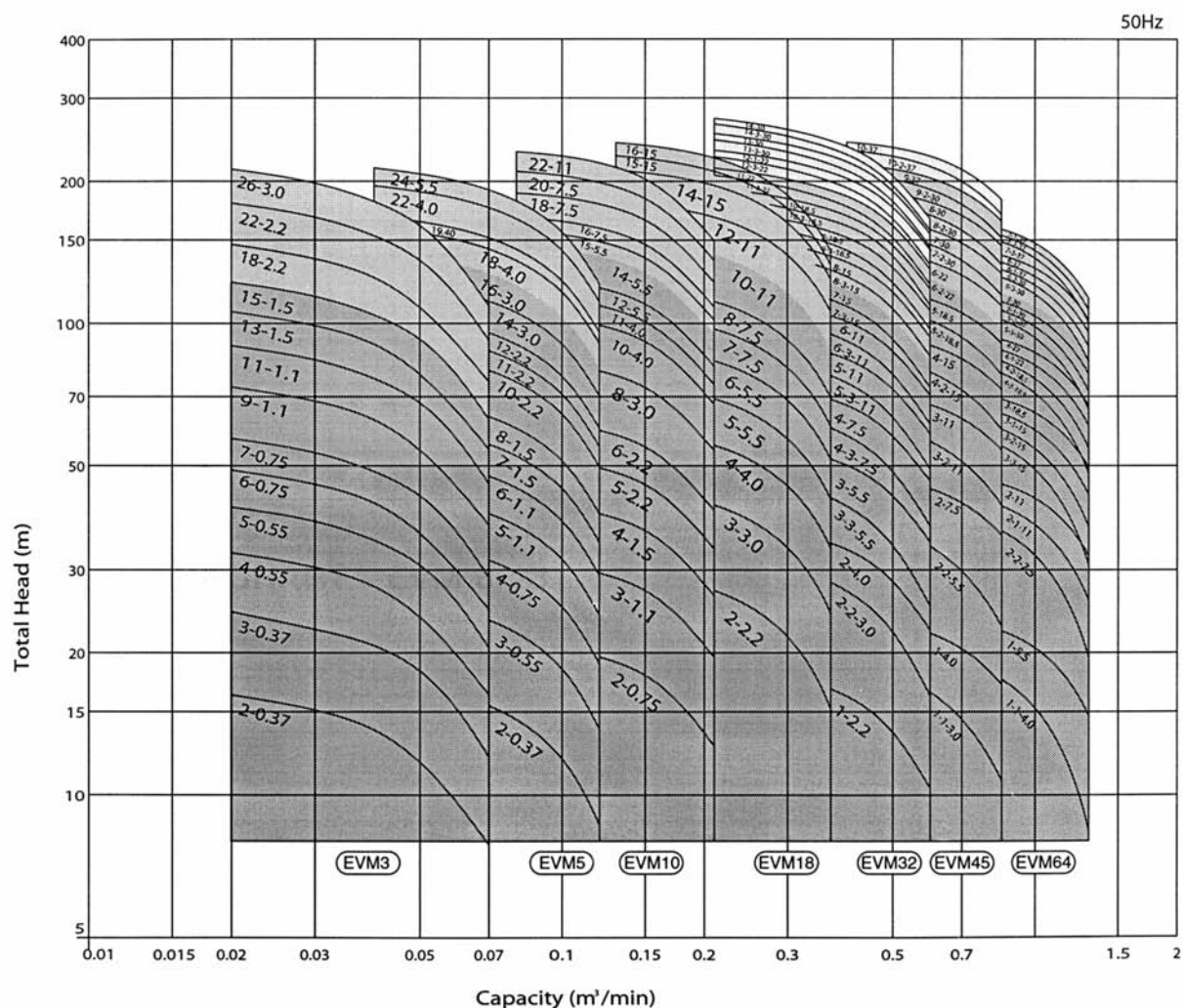
6. Bottom casing support.

For EVM 45 and 64, unique bottom casing bearing is used to enhance longer operating life of the pumps.



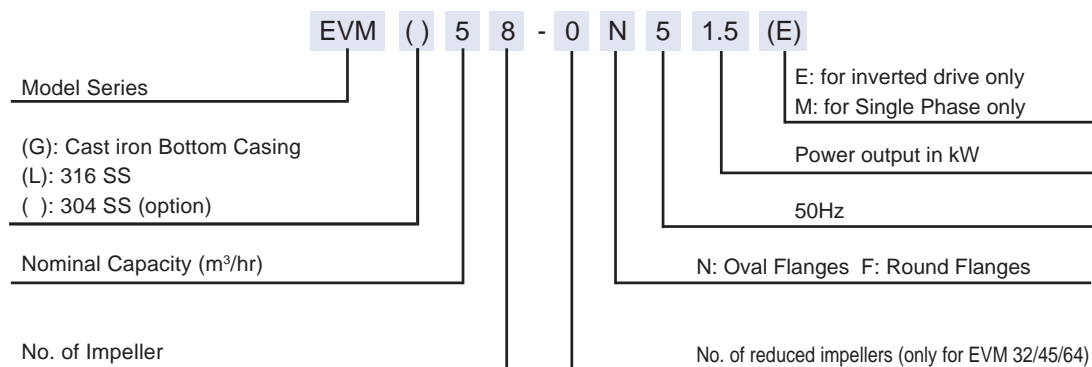
Tungsten carbide Bottom
Bearing.

SELECTION CHART - EVM 3 - 64

50 HZ


IDENTIFICATION CODE - EVM 3 - 64

Capacity (m³/min)



PERFORMANCE TABLE - EVM 3-5-10-18
50 Hz

Pump Type	Motor			Maximum working pressure [Mpa]	Q=Capacity													
					l/min 0	20	40	60	75	100	130	150	200	250	300	350	400	
	kW	HP	size		m³/h 0	1.2	2.4	3.6	4.5	6.0	7.8	9	12	15	18	21	24	
	H=Total manometric head in meters																	
3 2N5/0.37	0.37	0.5	71	1.6	18.6	16.7	14.0	10.3	6.6	-	-	-	-	-	-	-		
3 3N5/0.37	0.37	0.5	71	1.6	27.9	25.1	20.9	15.5	9.9	-	-	-	-	-	-	-		
3 4N5/0.55	0.55	0.75	71	1.6	37.2	33.4	27.9	20.6	13.2	-	-	-	-	-	-	-		
3 5N5/0.55	0.55	0.75	71	1.6	46.5	42.0	34.9	25.8	16.5	-	-	-	-	-	-	-		
3 6N5/0.75	0.75	1	80	1.6	56.0	50.0	42.0	30.9	19.8	-	-	-	-	-	-	-		
3 7N5/0.37	0.75	1	80	1.6	65.0	58.5	49.0	36.1	23.1	-	-	-	-	-	-	-		
3 9N5/1.1	1.1	1.5	80	1.6	84.0	75.0	63.0	46.5	29.7	-	-	-	-	-	-	-		
3 11N5/1.1	1.1	1.5	80	1.6	102.0	92.0	77.0	56.5	36.3	-	-	-	-	-	-	-		
3 13N5/1.5	1.5	2	90S	1.6	121.0	109.0	90.5	67.0	43.0	-	-	-	-	-	-	-		
3 15N5/1.5	1.5	2	90S	1.6	140.0	125.0	105.0	77.5	49.5	-	-	-	-	-	-	-		
3 18F5/2.2	2.2	3	90L	2.5	167.0	151.0	126.0	92.5	59.5	-	-	-	-	-	-	-		
3 22F5/2.2	2.2	3	90L	2.5	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	1.6	20.2	-	18.4	16.9	15.4	12.2	6.9	-	-	-	-	-		
5 3N5/0.55	0.55	0.75	71	1.6	30.2	-	27.6	25.3	23.1	18.4	10.3	-	-	-	-	-		
5 4N5/0.75	0.75	1	80	1.6	40.5	-	36.8	33.8	30.8	24.5	13.8	-	-	-	-	-		
5 5N5/1.1	1.1	1.5	80	1.6	50.5	-	46.0	42.0	38.6	30.6	17.2	-	-	-	-	-		
5 6N5/1.1	1.1	1.5	80	1.6	60.5	-	55.0	50.5	46.5	36.7	20.6	-	-	-	-	-		
5 7N5/1.5	1.5	2	90S	1.6	70.5	-	64.5	59.0	54.0	43.0	24.1	-	-	-	-	-		
5 8N5/1.5	1.5	2	90S	1.6	80.5	-	73.5	67.5	61.5	49.0	27.5	-	-	-	-	-		
5 10N5/2.2	2.2	3	90L	1.6	102.0	-	93.5	86.0	79.0	63.0	36.6	-	-	-	-	-		
5 11N5/2.2	2.2	3	90L	1.6	113.0	-	103.0	94.5	86.5	69.5	40.5	-	-	-	-	-		
5 12N5/2.2	2.2	3	90L	1.6	123.0	-	112.0	103.0	94.5	75.5	44.0	-	-	-	-	-		
5 14N5/3.0	3	4	100	1.6	143.0	-	131.0	120.0	110.0	88.0	51.0	-	-	-	-	-		
5 16N5/3.0	3	4	100	1.6	164.0	-	150.0	138.0	126.0	101.0	58.5	-	-	-	-	-		
5 18F5/4.0	4	5.5	112	2.5	184.0	-	168.0	155.0	142.0	113.0	66.0	-	-	-	-	-		
5 19F5/4.0	4	5.5	112	2.5	194.0	-	178.0	163.0	150.0	120.0	69.5	-	-	-	-	-		
5 22F5/4.0	4	5.5	112	2.5	225.0	-	206.0	189.0	173.0	139.0	80.5	-	-	-	-	-		
5 24F5/5.5	5.5	7.5	132S	2.5	246.0	-	224.0	206.0	189.0	151.0	88.0	-	-	-	-	-		
10 2N5/0.75	0.75	1	80	1.6	22.0	-	-	-	21.0	20.4	18.9	17.6	13.2	7.8	-	-		
10 3N5/1.1	1.1	1.5	80	1.6	33.0	-	-	-	31.6	30.5	28.4	26.4	19.8	11.7	-	-		
10 4N5/1.5	1.5	2	90S	1.6	44.0	-	-	-	42.0	40.5	37.8	35.2	26.4	15.6	-	-		
10 5N5/2.2	2.2	3	90L	1.6	55.0	-	-	-	52.5	51.0	47.5	44.0	33.0	19.5	-	-		
10 6N5/2.2	2.2	3	90L	1.6	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 10N5/4.0	4	5.5	112	1.6	110.0	-	-	-	105.0	102.0	94.5	88.0	66.0	39.0	-	-		
10 11N5/4.0	4	5.5	112	1.6	121.0	-	-	-	116.0	112.0	104.0	97.0	72.5	43.0	-	-		
10 12N5/5.5	5.5	7.5	132S	1.6	134.0	-	-	-	130.0	126.0	118.0	111.0	86.5	55.0	-	-		
10 14N5/5.5	5.5	7.5	132S	1.6	157.0	-	-	-	151.0	147.0	138.0	130.0	101.0	64.5	-	-		
10 15N5/5.5	5.5	7.5	132S	2.5	168.0	-	-	-	162.0	158.0	148.0	139.0	108.0	69.0	-	-		
10 16N5/7.5	7.5	10	132S	2.5	179.0	-	-	-	173.0	169.0	158.0	148.0	115.0	73.5	-	-		
10 18F5/7.5	7.5	10	132S	2.5	202.0	-	-	-	194.0	189.0	177.0	167.0	129.0	83.0	-	-		
10 20F5/7.5	7.5	10	132S	2.5	224.0	-	-	-	216.0	210.0	197.0	185.0	144.0	92.0	-	-		
10 22F5/11	11	15	160M	2.5	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		
18 3F5/3.0	3	4	100	1.6	48.0	-	-	-	-	-	46.0	45.5	43.0	38.6	32.8	25.7		
18 4F5/4.0	4	5.5	112	1.6	64.0	-	-	-	-	-	61.5	60.5	57.0	51.5	44.0	34.3		
18 5F5/5.5	5.5	7.5	132S	1.6	80.0	-	-	-	-	-	77.0	75.5	71.5	64.5	54.5	43.0		
18 6F5/5.5	5.5	7.5	132S	1.6	96.0	-	-	-	-	-	92.0	91.0	85.5	77.0	65.5	51.5		
18 7F5/7.5	7.5	10	132S	2.5	112.0	-	-	-	-	-	108.0	106.0	100.0	90.0	76.5	60.0		
18 8F5/7.5	7.5	10	132S	2.5	128.0	-	-	-	-	-	123.0	121.0	114.0	103.0	84.5	68.5		
18 10F5/11	11	15	160M	2.5	162.0	-	-	-	-	-	157.0	155.0	147.0	134.0	116.0	93.5		
18 12F5/11	11	15	160M	2.5	194.0	-	-	-	-	-	189.0	186.0	177.0	160.0	139.0	112.0		
18 14F5/15	15	20	160M	2.5	227.0	-	-	-	-	-	220.0	217.0	206.0	187.0	162.0	131.0		
18 15F5/15	15	20	160M	2.5	243.0	-	-	-	-	-	236.0	233.0	221.0	201.0	174.0	141.0		
18 16F5/15	15	20	160M	2.5	259.0	-	-	-	-	-	252.0	249.0	236.0	214.0	186.0	150.0		



PERFORMANCE TABLE - EVM 32-64

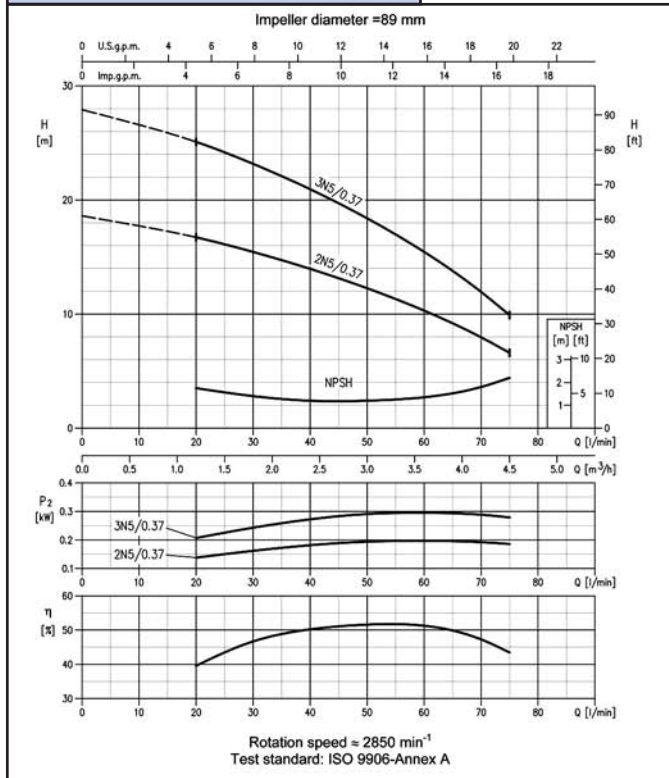
50 Hz

Pump Type EVM(.)	Motor			Maximum working pressure [Mpa]	Q=Capacity										
	kW	HP	Size		l/min 0 m³/h 0	200	350	500	600	700	900	1000	1200	1400	
						12	21	30	36	42	54	60	72	84	
						H=Total manometric head in meters									
32 1-0F5/2.2	2.2	3	90L	1.6	22.6	20.2	17.5	13.9	10.3	5.7	-	-	-	-	
32 2-2F5/3.0	3	4	100		39.0	34.6	29.7	21.2	14.2	-	-	-	-	-	
32 2-0F5/4.0	4	5.5	112		45.0	40.5	36.0	29.5	23.2	14.9	-	-	-	-	
32 3-3F5/5.5	5.5	7.5	132S		55.0	52.0	45.0	32.8	22.7	-	-	-	-	-	
32 3-0F5/5.5	5.5	7.5	132S		68.0	61.0	54.5	45.0	36.1	24.1	-	-	-	-	
32 4-3F5/7.5	7.5	10	132S		81.0	72.5	63.5	48.5	35.6	-	-	-	-	-	
32 4-0F5/7.5	7.5	10	132S		90.5	81.5	73.0	61.0	49.0	33.3	-	-	-	-	
32 5-3F5/11	11	15	160M		104.0	93.0	82.0	64.0	48.5	30.5	-	-	-	-	
32 5-0F5/11	11	15	160M		113.0	102.0	91.5	76.5	62.0	42.5	-	-	-	-	
32 6-3F5/11	11	15	160M		126.0	114.0	100.0	79.5	61.5	39.7	-	-	-	-	
32 6-0F5/11	11	15	160M		136.0	123.0	110.0	92.0	75.0	51.5	-	-	-	-	
32 7-3F5/15	15	20	160M	149.0	134.0	119.0	95.5	74.5	49.0	-	-	-	-		
32 7-0F5/15	15	20	160M	2.5	158.0	143.0	128.0	108.0	87.5	61.0	-	-	-	-	
32 8-3F5/15	15	20	160M		172.0	155.0	137.0	111.0	87.0	58.0	-	-	-	-	
32 8-0F5/15	15	20	160M		181.0	164.0	147.0	123.0	101.0	70.0	-	-	-	-	
32 9-3F5/18.5	18.5	25	160L		194.0	175.0	156.0	127.0	100.0	67.5	-	-	-	-	
32 8-0F5/18.5	18.5	25	160L		203.0	184.0	165.0	139.0	114.0	79.5	-	-	-	-	
32 10-3F5/18.5	18.5	25	160L		217.0	196.0	174.0	142.0	113.0	76.5	-	-	-	-	
32 10-1F5/18.5	18.5	25	160L		223.0	202.0	180.0	151.0	122.0	84.5	-	-	-	-	
32 11-3F5/22	22	30	180		239.0	216.0	193.0	158.0	126.0	85.5	-	-	-	-	
32 11-0F5/22	22	30	180		249.0	225.0	202.0	170.0	139.0	97.5	-	-	-	-	
32 12-3F5/22	22	30	180		262.0	237.0	211.0	174.0	139.0	95.0	-	-	-	-	
32 12-1F5/22	22	30	180		3.0	268.0	243.0	217.0	182.0	148.0	103.0	-	-	-	-
32 13-3F5/30	30	40	200	285.0		257.0	229.0	189.0	152.0	104.0	-	-	-	-	
32 13-0F5/30	30	40	200	294.0		266.0	239.0	202.0	165.0	116.0	-	-	-	-	
32 14-3F5/30	30	40	200	307.0		278.0	248.0	205.0	165.0	113.0	-	-	-	-	
32 14-0F5/30	30	40	200	316.0	287.0	257.0	217.0	178.0	125.0	-	-	-	-		
45 1-1F5/3.0	3	4	100	1.6	21.0	-	18.9	17.6	16.3	14.3	8.3	-	-	-	
45 1-0F5/4.0	4	5.5	112		27.0	-	25.6	24.6	23.5	21.8	16.7	13.3	-	-	
45 2-2F5/5.5	5.5	7.5	132S		42.0	-	38.1	35.8	33.4	29.8	18.6	-	-	-	
45 2-0F5/7.5	7.5	10	132S		54.0	-	51.5	50.0	48.0	45.0	35.4	29.1	-	-	
45 3-2F5/11	11	15	160M		69.0	-	64.0	61.0	58.0	53.0	37.3	-	-	-	
45 3-0F5/11	11	15	160M		81.0	-	77.5	75.0	72.5	68.0	54.0	45.0	-	-	
45 4-2F5/15	15	20	160M		96.0	-	90.0	86.0	82.0	76.0	56.0	43.0	-	-	
45 4-0F5/15	15	20	160M		108.0	-	103.0	100.0	96.5	91.0	73.0	60.5	-	-	
45 5-2F5/18.5	18.5	25	160L		123.0	-	116.0	111.0	107.0	99.0	74.5	58.5	-	-	
45 5-2F5/18.5	18.5	25	160L		123.0	-	116.0	111.0	107.0	99.0	74.5	58.5	-	-	
45 5-0F5/18.5	18.5	25	160L		135.0	-	129.0	125.0	121.0	114.0	91.5	76.5	-	-	
45 6 2F5/22	22	30	180	150.0	-	4142.0	137.0	131.0	122.0	93.5	74.5	-	-		
45 6-0F5/22	22	30	180	2.5	162.0	-	155.0	151.0	146.0	137.0	110.0	92.5	-	-	
45 7-2F5/30	30	40	200		177.0	-	168.0	162.0	155.0	145.0	112.0	90.5	-	-	
45 7-0F5/30	30	40	200		189.0	-	181.0	176.0	170.0	160.0	129.0	108.0	-	-	
45 8-2F5/30	30	40	200		204.0	-	194.0	187.0	180.0	168.0	131.0	106.0	-	-	
45 8-0F5/30	30	40	200		216.0	-	207.0	201.0	194.0	183.0	148.0	124.0	-	-	
45 9-2F5/30	30	40	200		231.0	-	219.0	212.0	204.0	191.0	150.0	122.0	-	-	
45 9-0F5/37	37	50	200		243.0	-	233.0	226.0	219.0	206.0	166.0	140.0	-	-	
45 10-2F5/37	37	50	200		3.0	258.0	-	245.0	237.0	229.0	214.0	168.0	138.0	-	-
45 10-0F5/37	37	50	200			270.0	-	259.0	251.0	243.0	229.0	185.0	156.0	-	-
64 1-1F5/4.0	4	5.5	100		1.6	23.7	-	-	21.0	20.4	19.7	17.5	15.9	11.4	-
64 1-0F5/5.5	5.5	7.5	132S	29.3		-	-	26.6	26.1	25.4	23.7	22.3	18.5	13.5	
64 2-2F5/7.5	7.5	10	132S	47.5		-	-	42.5	41.5	40.5	36.5	33.5	25.3	-	
64 2-1F5/11	11	15	160M	53.0		-	-	48.0	47.0	46.0	42.5	40.0	32.4	23.0	
64 2-0F5/11	11	15	160M	58.5		-	-	53.5	53.0	52.0	49.0	46.5	39.5	30.6	
64 3-3F5/15	15	20	160M	71.0		-	-	64.0	62.5	61.0	55.5	51.0	39.3	-	
64 3-2F5/15	15	20	160M	76.5		-	-	69.5	68.0	66.5	61.5	57.5	46.5	32.5	
64 3-1F5/15	15	20	160M	82.5		-	-	75.0	74.0	72.5	68.0	64.0	53.5	40.0	
64 3-1F5/18.5	18.5	25	160L	88.0		-	-	80.5	79.5	78.0	74.0	70.5	60.5	47.5	
64 4-3F5/18.5	18.5	25	160L	100.0		-	-	91.0	89.0	87.0	80.5	75.5	60.5	42.0	
64 4-2F5/18.5	18.5	25	160L	106.0		-	-	96.5	95.0	93.0	87.0	81.5	67.5	49.5	
64 4-1F5/22	22	30	180	112.0		-	-	102.0	101.0	98.5	93.0	88.0	74.5	57.0	
64 4-0F5/22	22	30	180	117.0		-	-	108.0	106.0	104.0	99.0	94.5	81.5	64.5	
64 5-3F5/30	30	40	200	130.0		-	-	118.0	116.0	114.0	106.0	99.5	81.5	59.0	
64 5-2F5/30	30	40	200	135.0		-	-	124.0	122.0	119.0	112.0	106.0	88.5	66.5	
64 5-1F5/30	30	40	200	141.0		-	-	129.0	127.0	125.0	118.0	112.0	95.5	74.0	
64 5-0F5/30	30	40	200	147.0		-	-	135.0	133.0	131.0	124.0	119.0	103.0	81.5	
64 6-3F5/30	30	40	200	159.0		-	-	145.0	143.0	140.0	131.0	124.0	103.0	76.0	
64 6-2F5/30	30	40	200	165.0		-	-	151.0	148.0	146.0	137.0	130.0	110.0	83.5	
64 6-1F5/37	37	50	200	2.5	170.0	-	-	156.0	154.0	151.0	143.0	136.0	117.0	91.0	
64 6-0F5/37	37	50	200		176.0	-	-	162.0	160.0	157.0	149.0	143.0	124.0	99.0	
64 7-3F5/37	37	50	200		188.0	-	-	172.0	169.0	166.0	156.0	148.0	124.0	93.0	
64 7-2F5/37	37	50	200		194.0	-	-	178.0	175.0	172.0	162.0	154.0	131.0	101.0	
64 7-1F5/37	37	50	200	200.0	-	-	183.0	181.0	178.0	168.0	161.0	138.0	108.0		

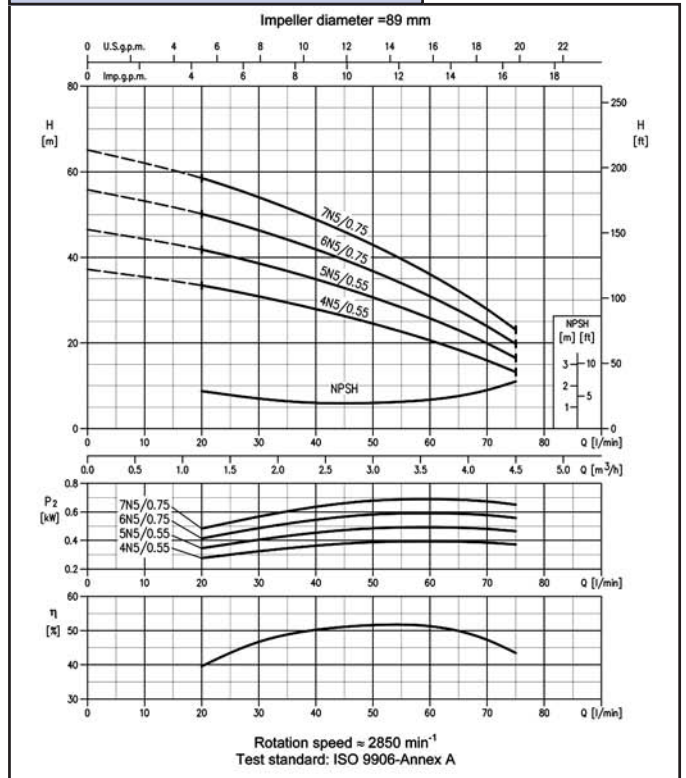
PERFORMANCE CURVE - EVM 3

 2900 min⁻¹

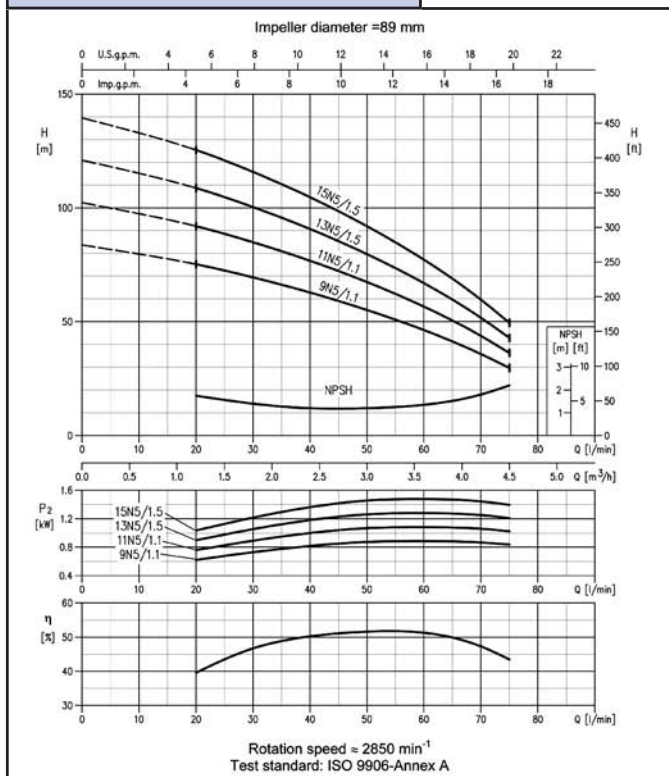
EVM 3



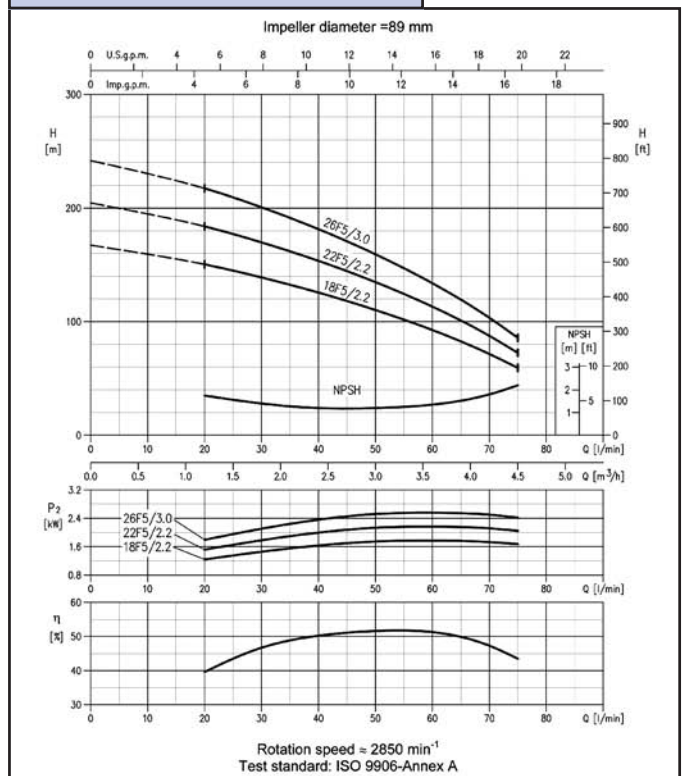
EVM 3



EVM 3



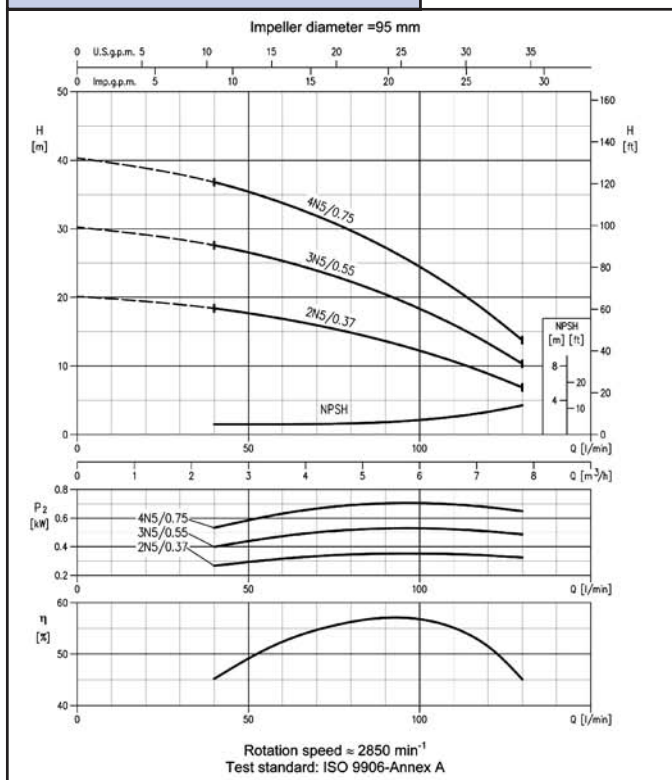
EVM 3



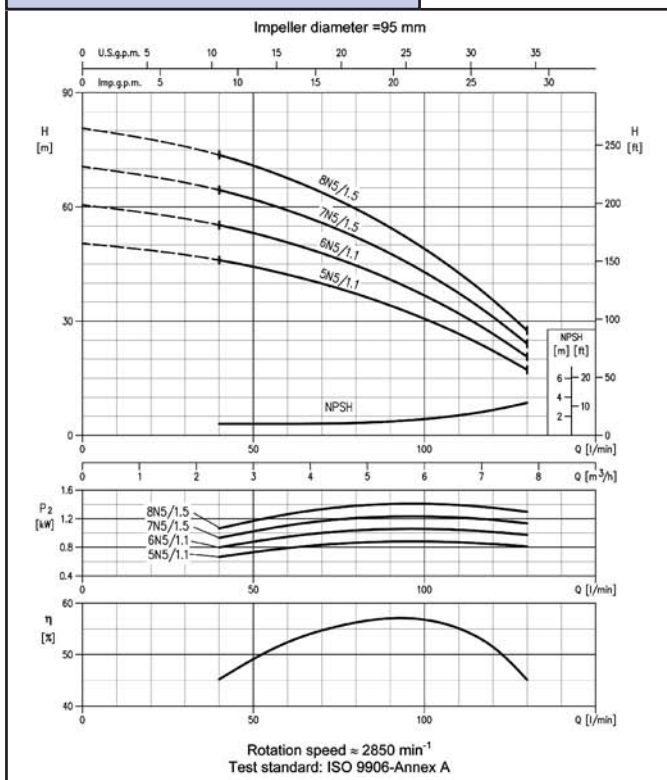
PERFORMANCE CURVE - EVM 5

 2900 min⁻¹

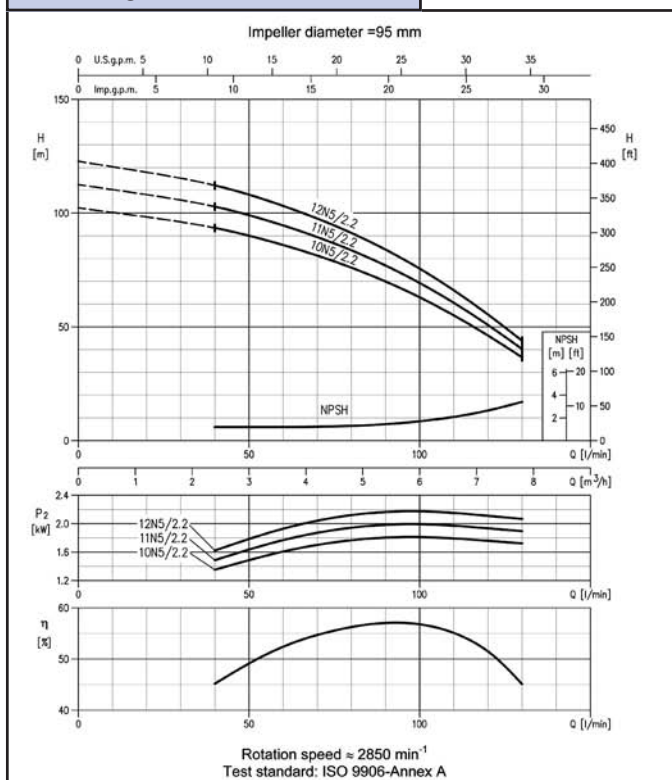
EVM 5



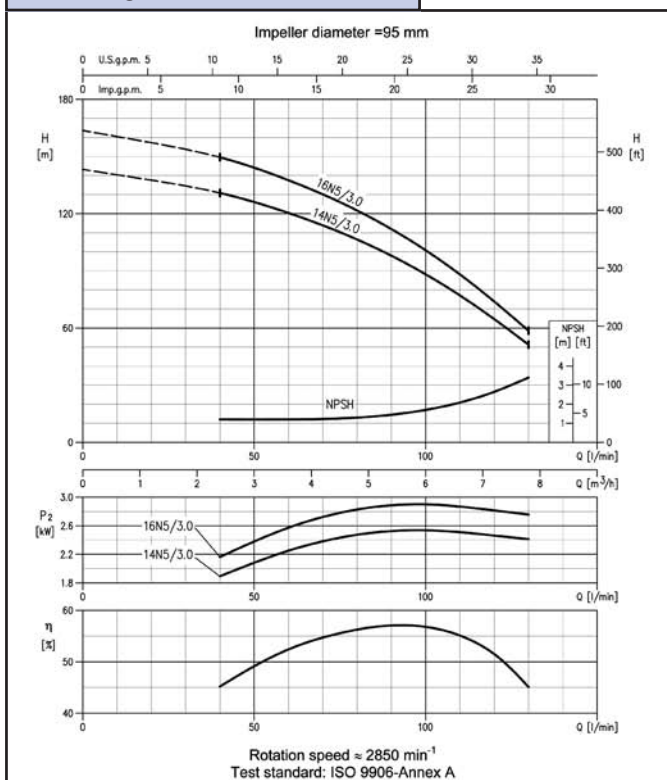
EVM 5



EVM 5



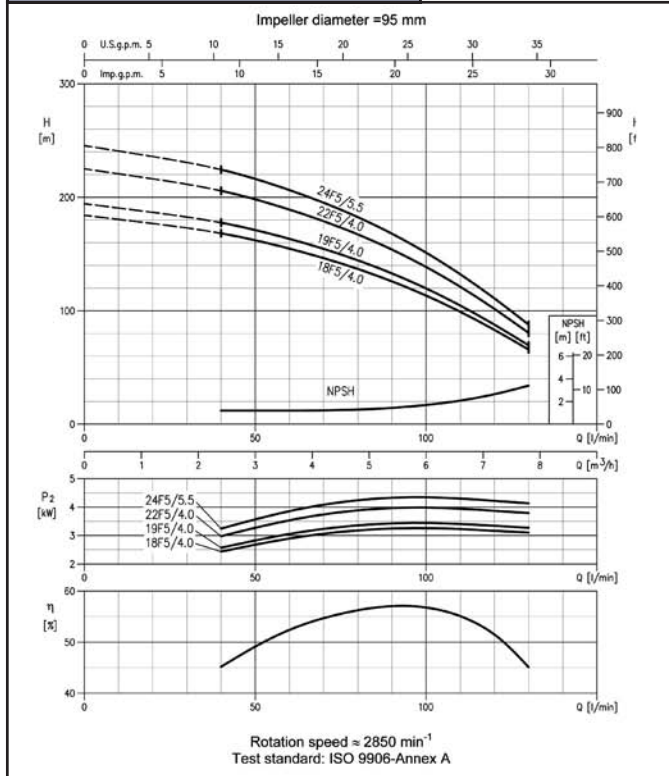
EVM 5



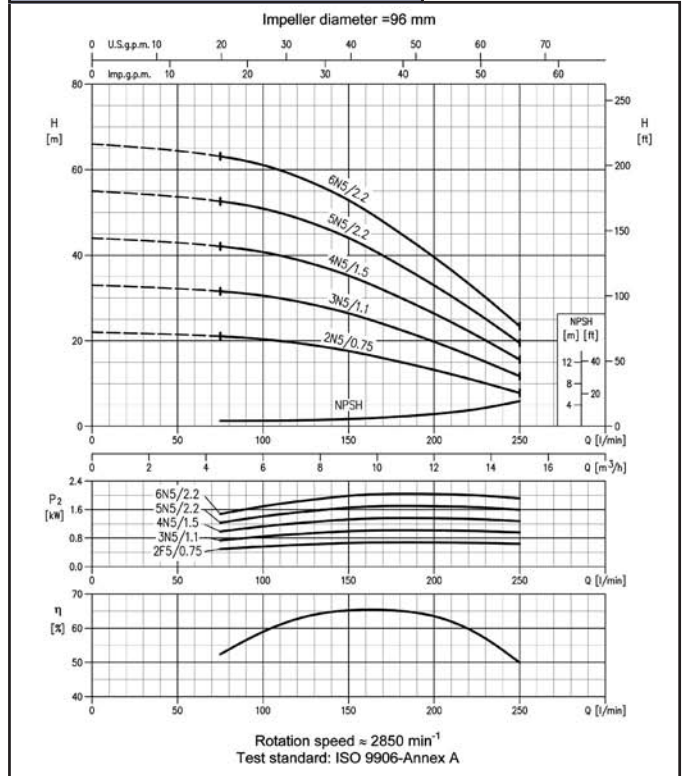
PERFORMANCE CURVE - EVM 5-10

2900 min⁻¹

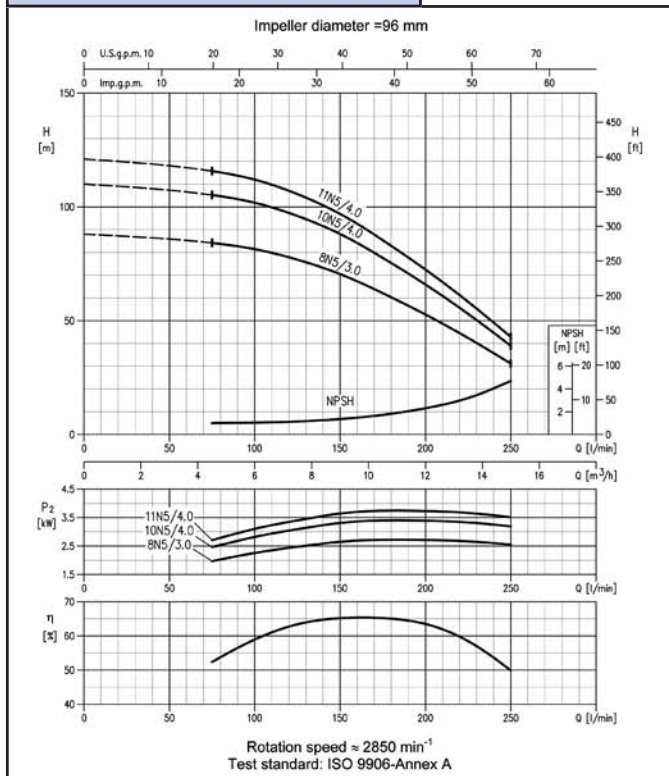
EVM 5



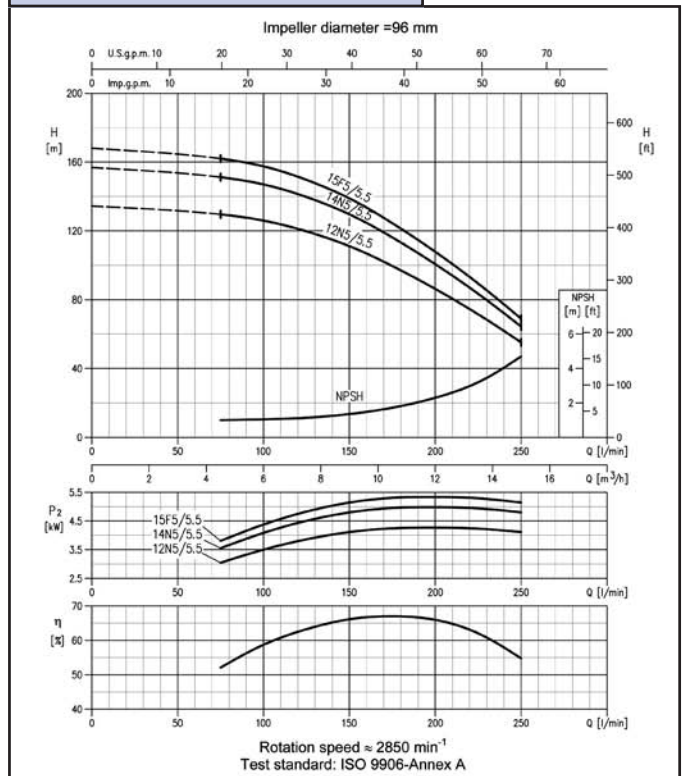
EVM 10



EVM 10



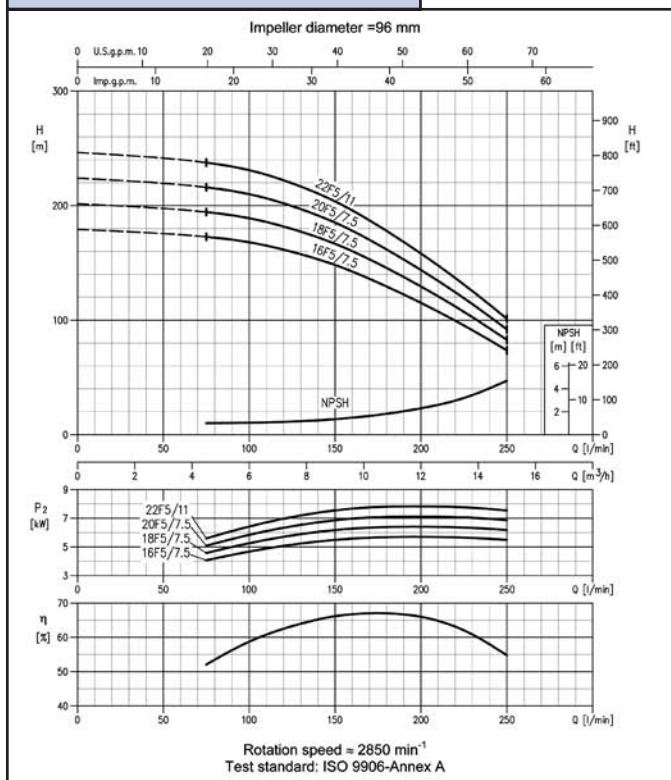
EVM 10



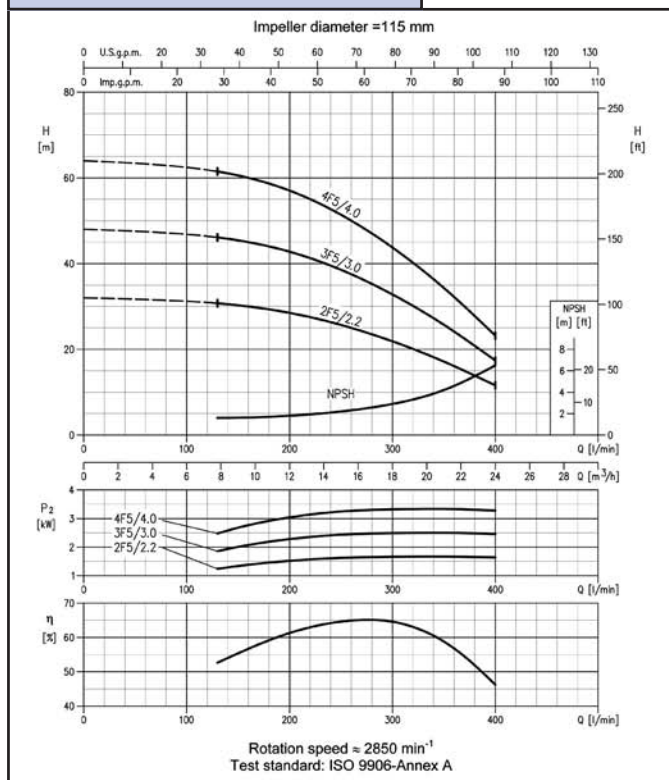
PERFORMANCE CURVE - EVM 10-18

2900 min⁻¹

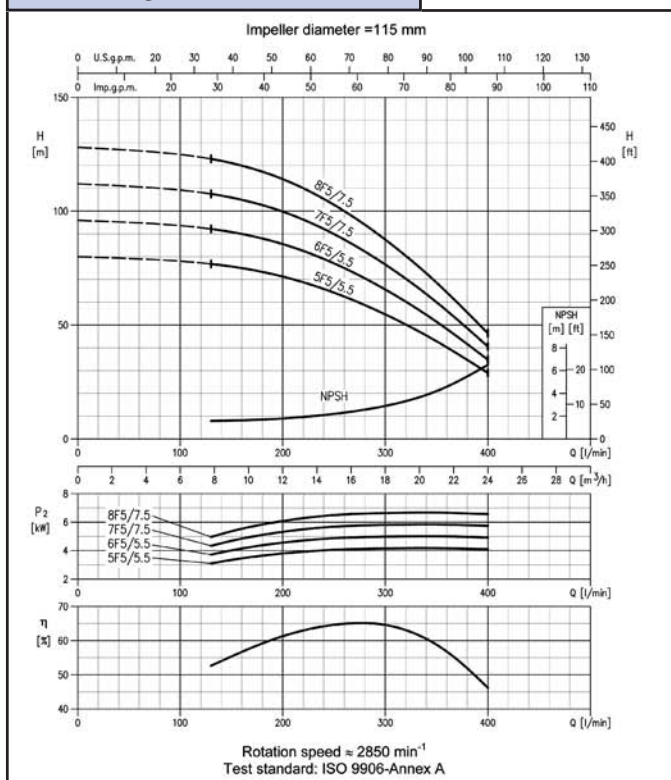
EVM 10



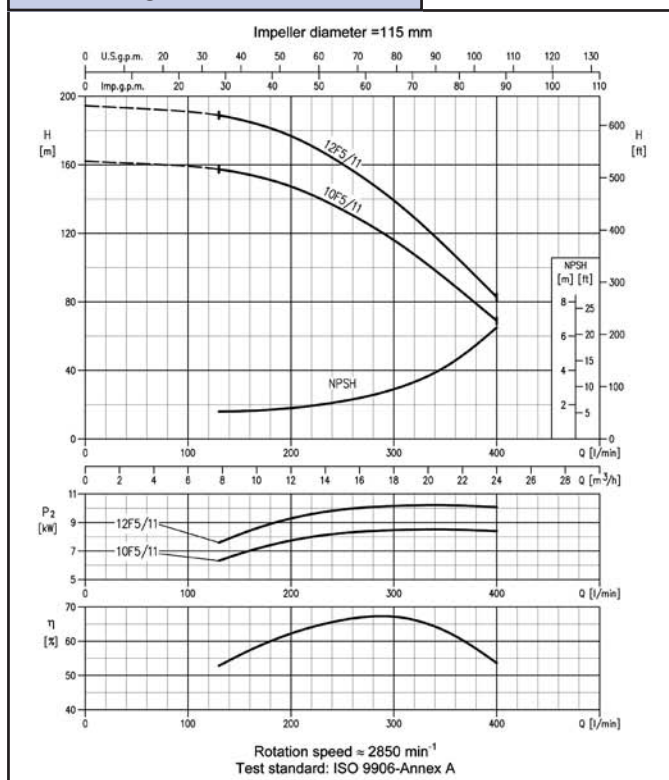
EVM 18



EVM 18



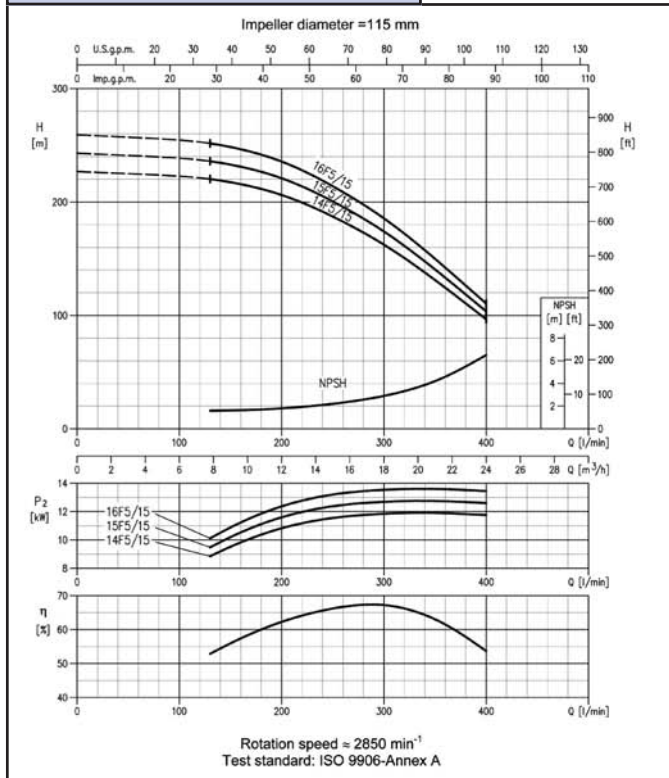
EVM 18



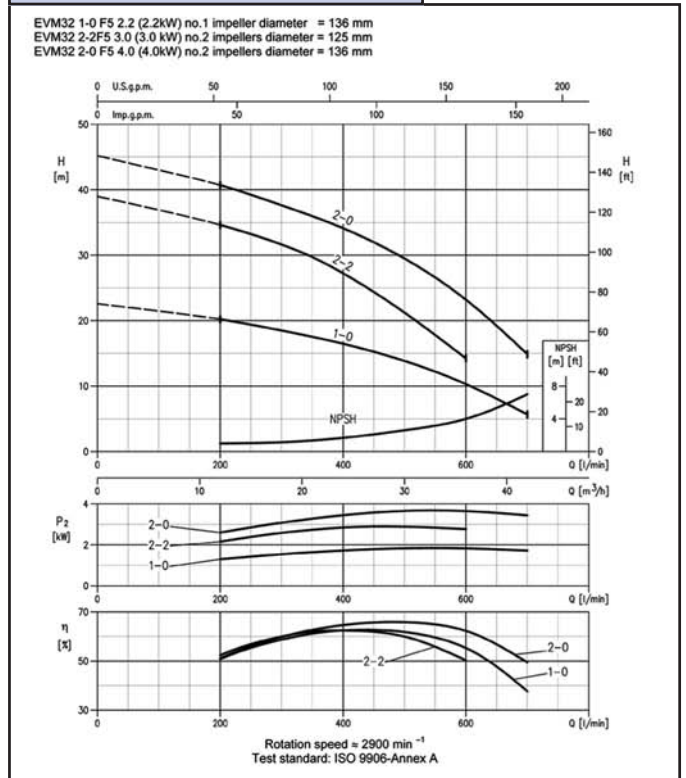
PERFORMANCE CURVE - EVM 18-32

2900 min⁻¹

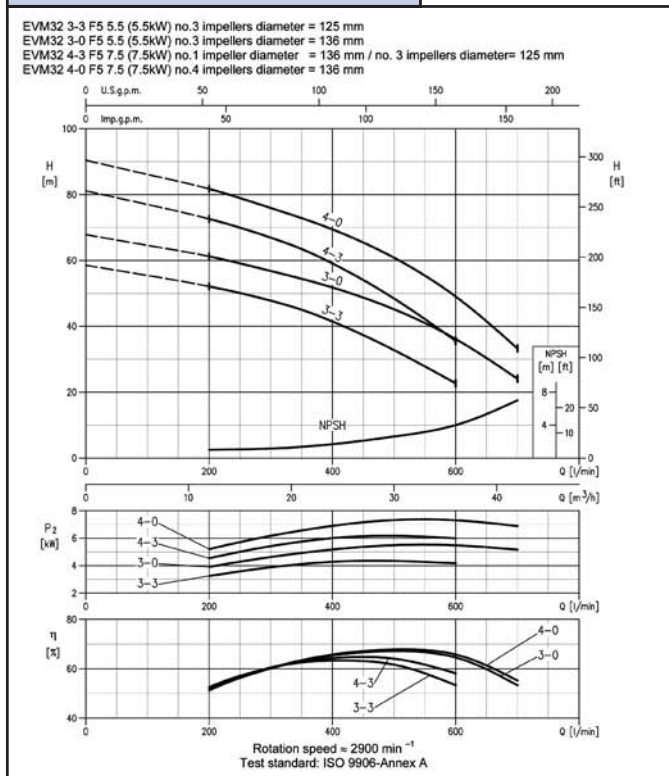
EVM 18



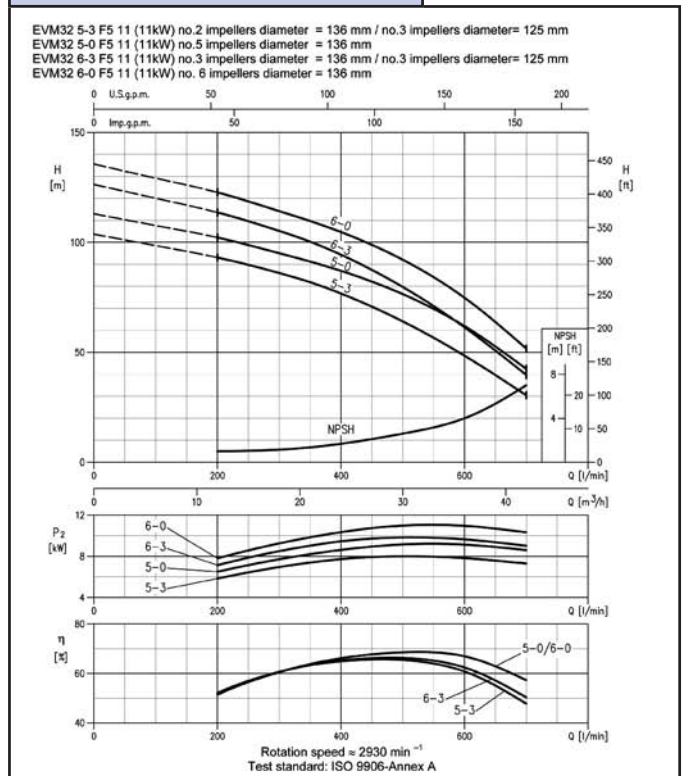
EVM 32



EVM 32



EVM 32

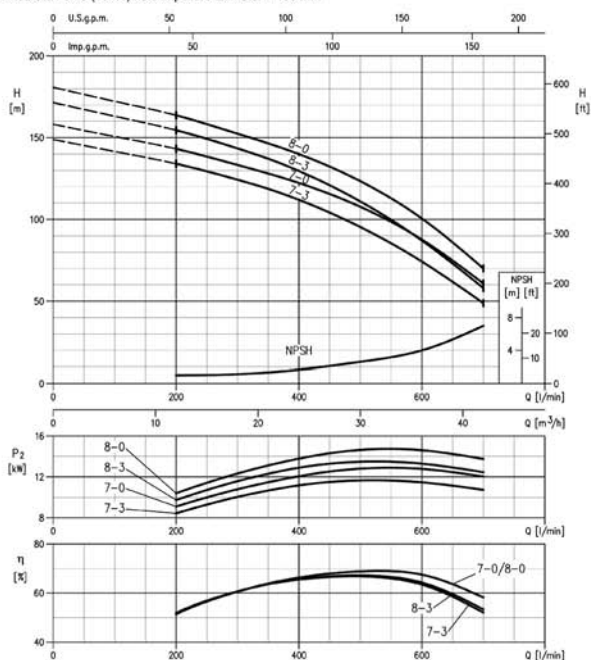


PERFORMANCE CURVE - EVM 32

2900 min⁻¹

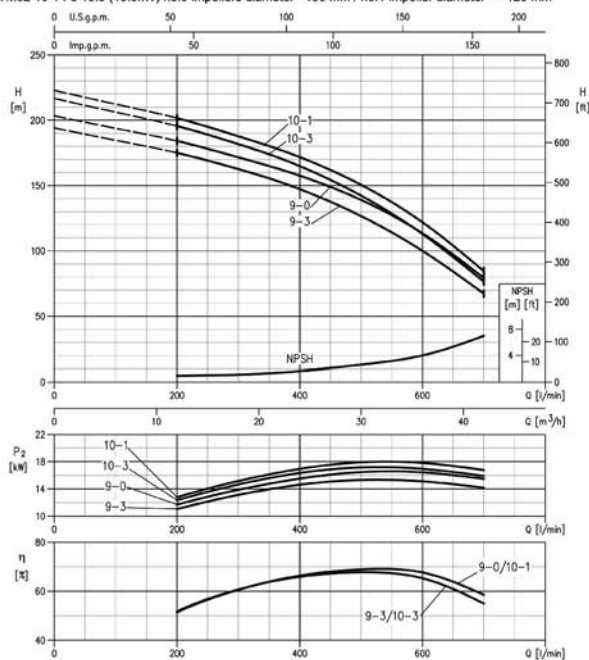
EVM 32

EVM32 7-3 F5 15 (15kW) no.4 impellers diameter = 136 mm / no.3 impellers diameter= 125 mm
 EVM32 7-0 F5 15 (15kW) no.7 impellers diameter = 136 mm
 EVM32 8-3 F5 15 (15kW) no.5 impellers diameter = 136 mm / no.3 impellers diameter= 125 mm
 EVM32 8-0 F5 15 (15kW) no.8 impellers diameter = 136 mm



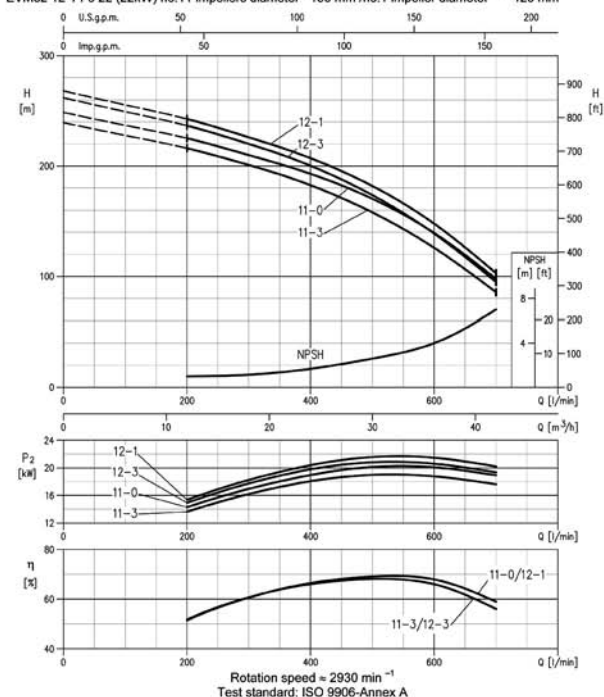
EVM 32

EVM32 9-3 F5 18.5 (18.5kW) no.6 impellers diameter= 136 mm / no.3 impellers diameter = 125 mm
 EVM32 9-0 F5 18.5 (18.5kW) no.9 impellers diameter= 136 mm
 EVM32 10-3 F5 18.5 (18.5kW) no.7 impellers diameter= 136 mm / no.3 impellers diameter = 125 mm
 EVM32 10-1 F5 18.5 (18.5kW) no.9 impellers diameter= 136 mm / no.1 impeller diameter = 125 mm



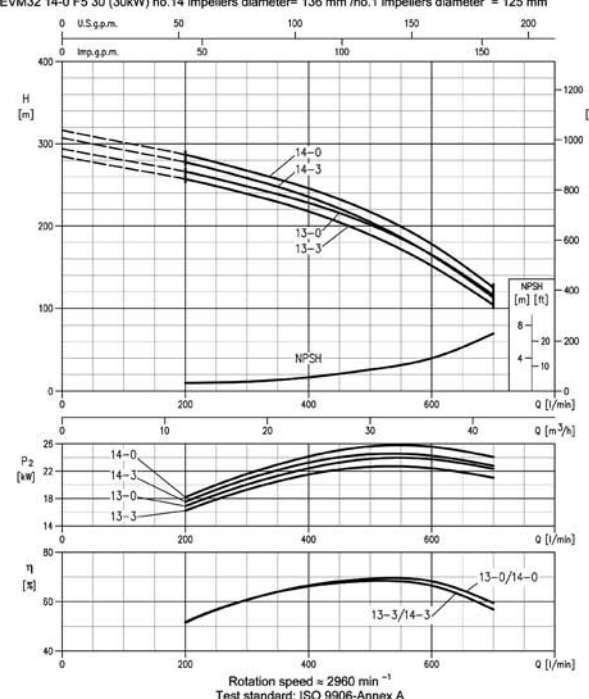
EVM 32

EVM32 11-3 F5 22 (22kW) no. 8 impellers diameter= 136 mm / no.3 impellers diameter = 125 mm
 EVM32 11-0 F5 22 (22kW) no.11 impellers diameter= 136 mm
 EVM32 12-3 F5 22 (22kW) no. 9 impellers diameter= 136 mm / no.3 impellers diameter = 125 mm
 EVM32 12-1 F5 22 (22kW) no.11 impellers diameter= 136 mm / no.1 impeller diameter = 125 mm



EVM 32

EVM32 13-3 F5 30 (30kW) no.10 impellers diameter= 136 mm / no.3 impellers diameter = 125 mm
 EVM32 13-0 F5 30 (30kW) no.13 impellers diameter= 136 mm
 EVM32 14-3 F5 30 (30kW) no.11 impellers diameter= 136 mm / no.3 impellers diameter = 125 mm
 EVM32 14-0 F5 30 (30kW) no.14 impellers diameter= 136 mm / no.1 impellers diameter = 125 mm

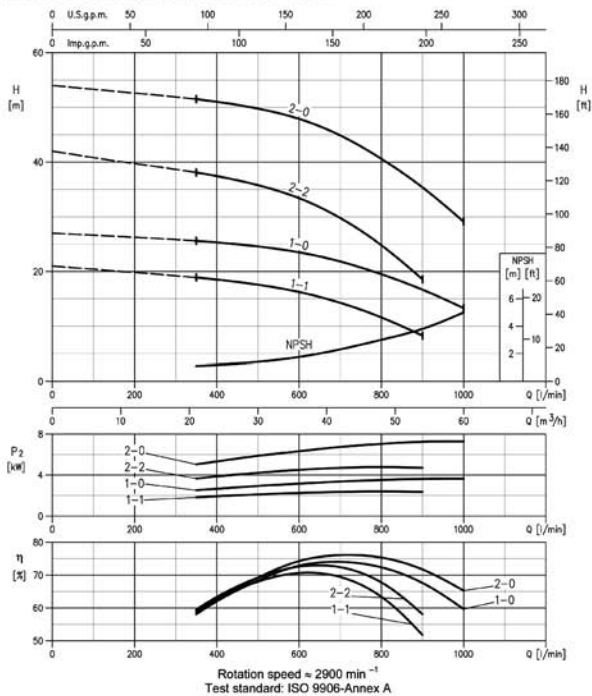


PERFORMANCE CURVE - EVM 45

2900 min⁻¹

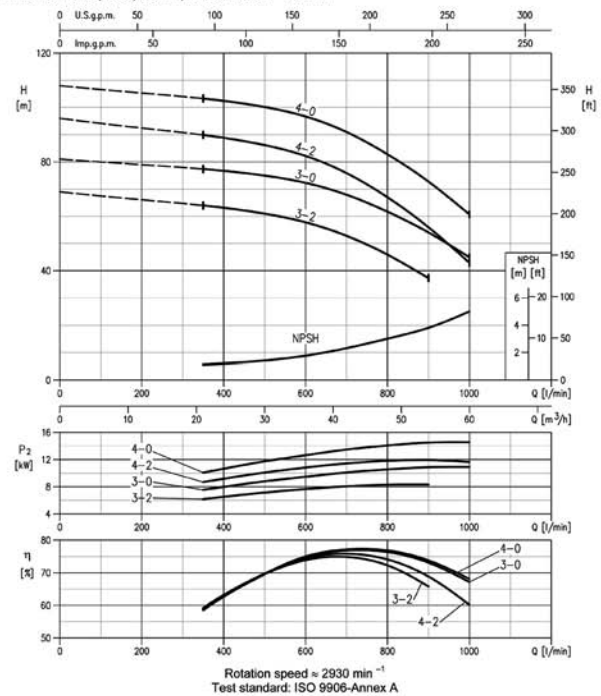
EVM 45

EVM45 1-1 F5 3.0 (3.0kW) no.1 impeller diameter = 127 mm
 EVM45 1-0 F5 4.0 (4.0kW) no.1 impeller diameter = 143 mm
 EVM45 2-2 F5 5.5 (5.5kW) no.2 impellers diameter = 127 mm
 EVM45 2-0 F5 7.5 (7.5kW) no.2 impellers diameter = 143 mm



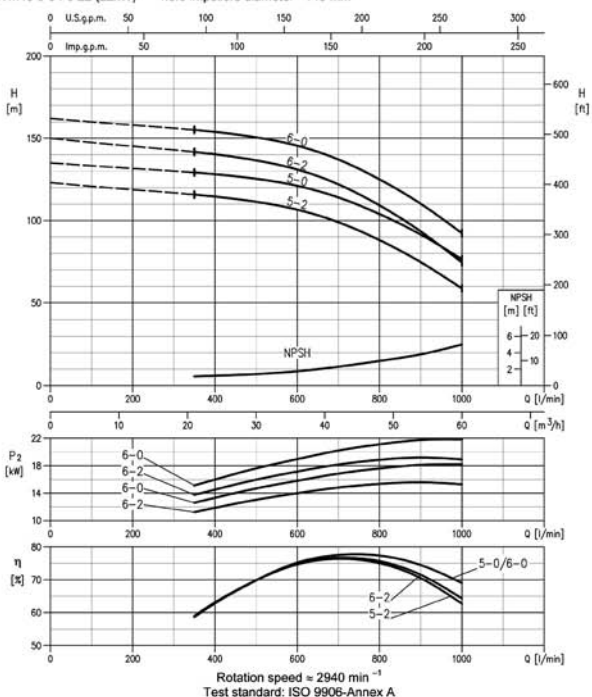
EVM 45

EVM45 3-2 F5 11 (11kW) no.1 impeller diameter = 143 mm / no.2 impellers diameter= 127 mm
 EVM45 3-0 F5 11 (11kW) no.3 impellers diameter = 143 mm
 EVM45 4-2 F5 15 (15kW) no.2 impellers diameter = 143 mm / no.2 impellers diameter= 127 mm
 EVM45 4-0 F5 15 (15kW) no.4 impellers diameter = 143 mm



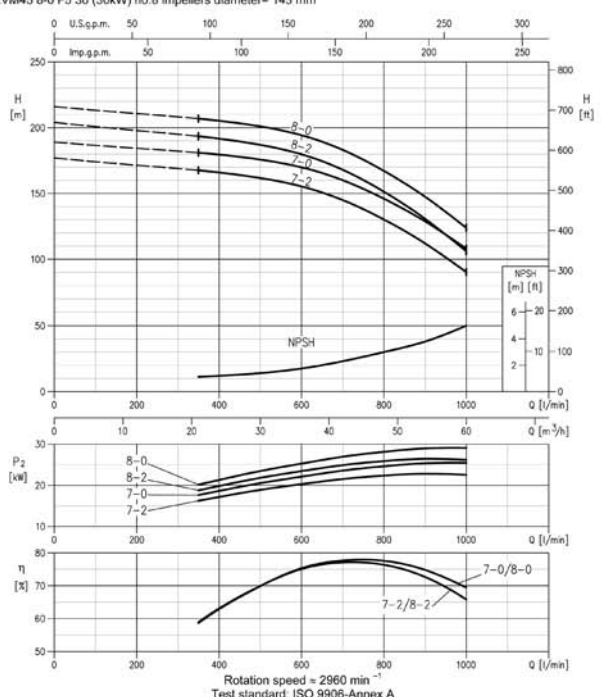
EVM 45

EVM45 5-2 F5 18.5 (18.5kW) no.3 impellers diameter= 143 mm / no.2 impellers diameter= 127 mm
 EVM45 5-0 F5 18.5 (18.5kW) no.5 impellers diameter= 143 mm
 EVM45 6-2 F5 22 (22kW) no.4 impellers diameter= 143 mm / no.2 impellers diameter= 127 mm
 EVM45 6-0 F5 22 (22kW) no.6 impellers diameter= 143 mm



EVM 45

EVM45 7-2 F5 30 (30kW) no.5 impellers diameter= 143 mm / no.2 impellers diameter= 127 mm
 EVM45 7-0 F5 30 (30kW) no.7 impellers diameter= 143 mm
 EVM45 8-2 F5 30 (30kW) no.6 impellers diameter= 143 mm / no.2 impellers diameter= 127 mm
 EVM45 8-0 F5 30 (30kW) no.8 impellers diameter= 143 mm

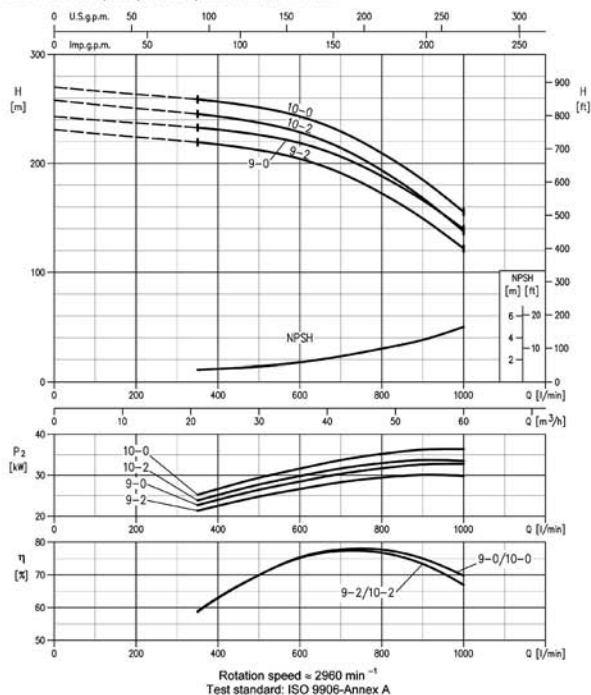


PERFORMANCE CURVE - EVM 45-64

2900 min⁻¹

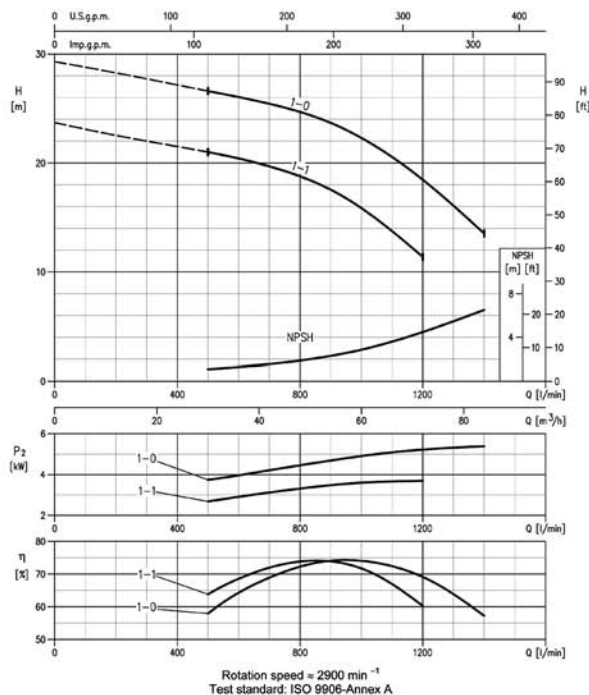
EVM 45

EVM45 9-2 F5 30 (30kW) no. 7 impellers diameter= 143 mm / no.2 impellers diameter= 127 mm
EVM45 9-0 F5 37 (37kW) no. 9 impellers diameter= 143 mm
EVM45 10-2 F5 37 (37kW) no. 8 impellers diameter= 143 mm / no.2 impellers diameter= 127 mm
EVM45 10-0 F5 37 (37kW) no.10 impellers diameter= 143 mm



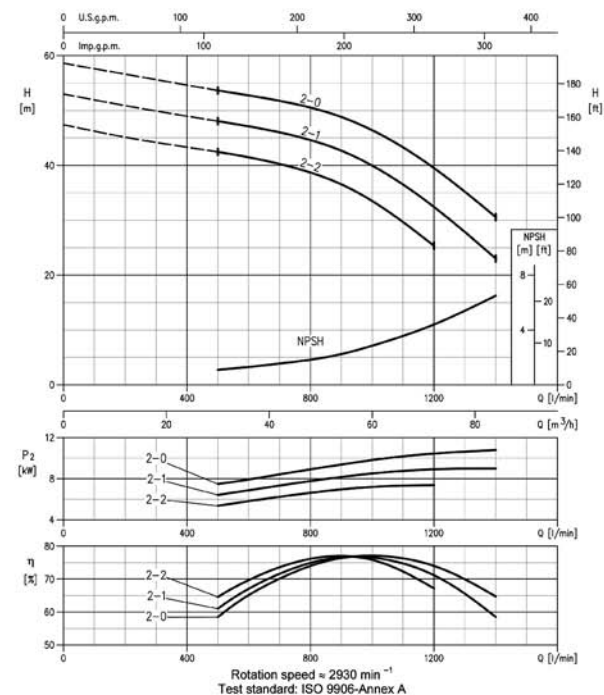
EVM 64

EVM64 1-1 F5 4.0 (4.0kW) no.1 impeller diameter= 131 mm
EVM64 1-0 F5 5.5 (5.5kW) no.1 impeller diameter= 143 mm



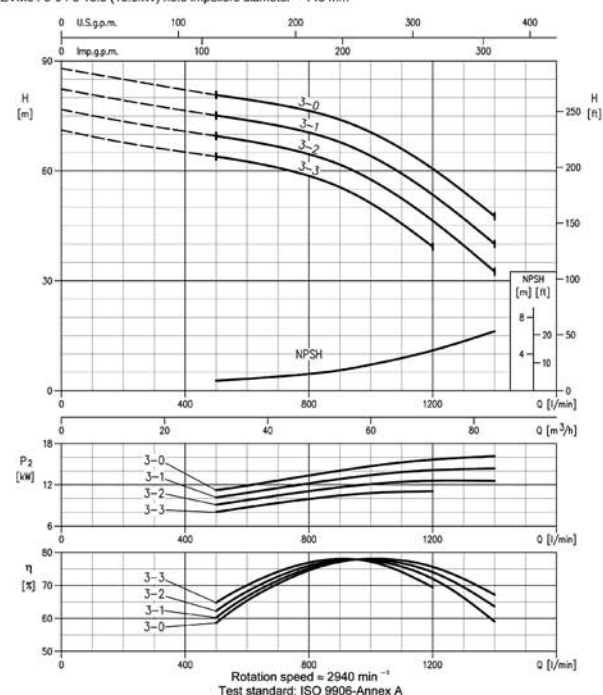
EVM 64

EVM64 2-2 F5 7.5 (7.5kW) no.2 impellers diameter = 131 mm
EVM64 2-1 F5 11 (11kW) no.1 impeller diameter = 143 mm / no.1 impeller diameter= 131mm
EVM64 2-0 F5 11 (11kW) no.2 impellers diameter = 143 mm



EVM 64

EVM64 3-3 F5 15 (15kW) no.3 impellers diameter = 131 mm
EVM64 3-2 F5 15 (15kW) no.1 impeller diameter = 143 mm / no.2 impellers diameter = 131mm
EVM64 3-1 F5 15 (15kW) no.2 impellers diameter = 143 mm / no.1 impeller diameter = 131mm
EVM64 3-0 F5 18.5 (18.5kW) no.3 impellers diameter = 143 mm

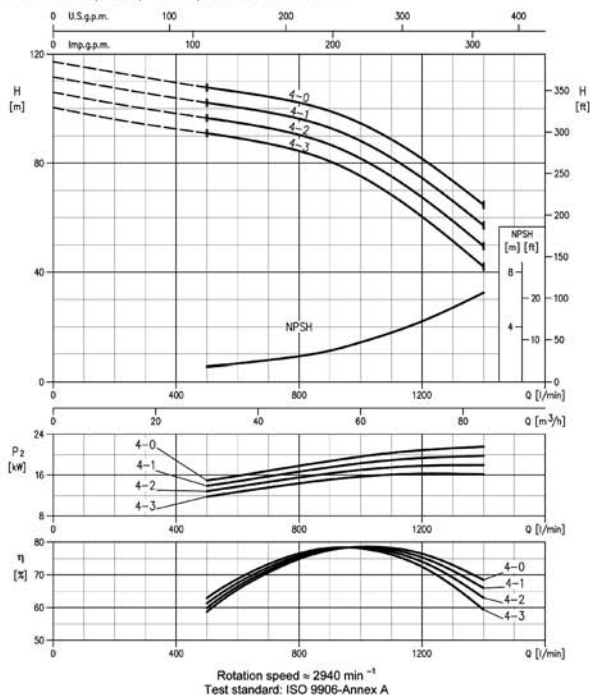


PERFORMANCE CURVE - EVM 64

2900 min⁻¹

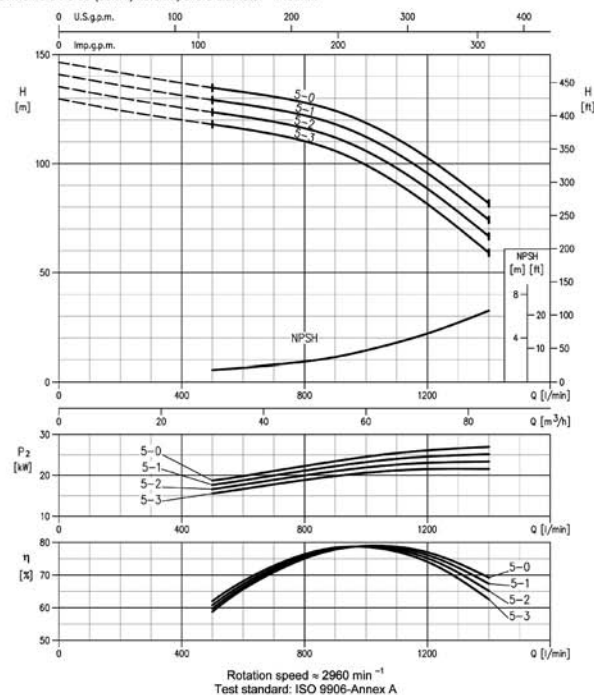
EVM 64

EVM64 4-3 F5 18.5 (18.5kW) no.1 impeller diameter = 143 mm / no.3 impellers diameter = 131mm
 EVM64 4-2 F5 18.5 (18.5kW) no.2 impellers diameter = 143 mm / no.2 impellers diameter = 131mm
 EVM64 4-1 F5 22 (22kW) no.3 impellers diameter = 143 mm / no.1 impeller diameter = 131mm
 EVM64 4-0 F5 22 (22.5kW) no.4 impellers diameter = 143 mm



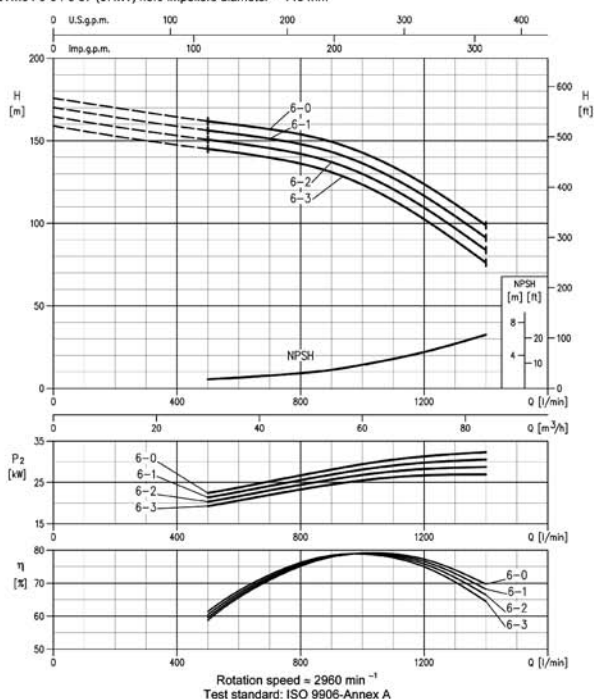
EVM 64

EVM64 5-3 F5 30 (30kW) no.2 impellers diameter= 143 mm / no.3 impellers diameter = 131mm
 EVM64 5-2 F5 30 (30kW) no.3 impellers diameter= 143 mm / no.2 impellers diameter = 131mm
 EVM64 5-1 F5 30 (30kW) no.4 impellers diameter= 143 mm / no.1 impeller diameter = 131mm
 EVM64 5-0 F5 30 (30kW) no.5 impellers diameter= 143 mm



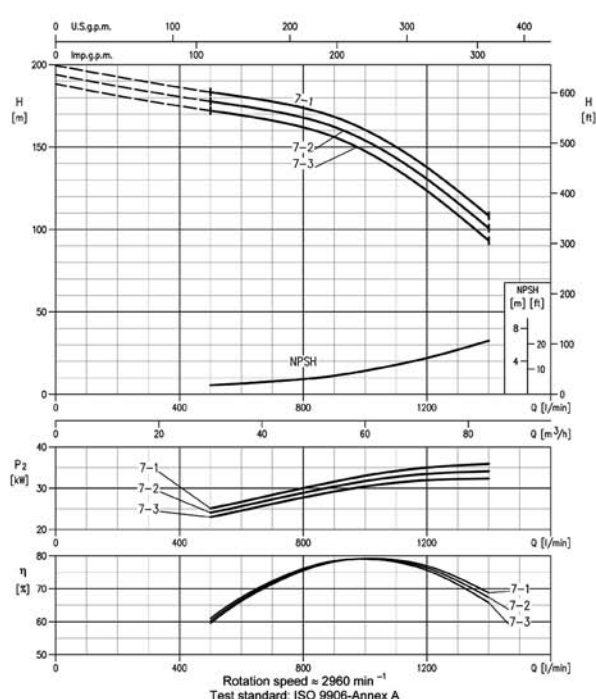
EVM 64

EVM64 6-3 F5 30 (30kW) no.3 impellers diameter = 143 mm / no.3 impellers diameter = 131mm
 EVM64 6-2 F5 30 (30kW) no.4 impellers diameter = 143 mm / no.2 impellers diameter = 131mm
 EVM64 6-1 F5 37 (37kW) no.5 impellers diameter = 143 mm / no.1 impeller diameter = 131mm
 EVM64 6-0 F5 37 (37kW) no.6 impellers diameter = 143 mm

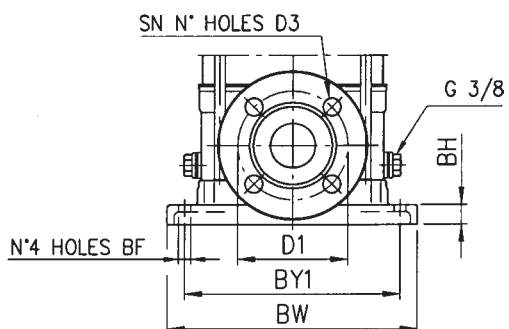
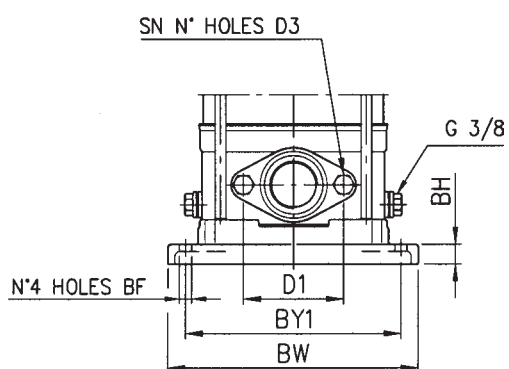
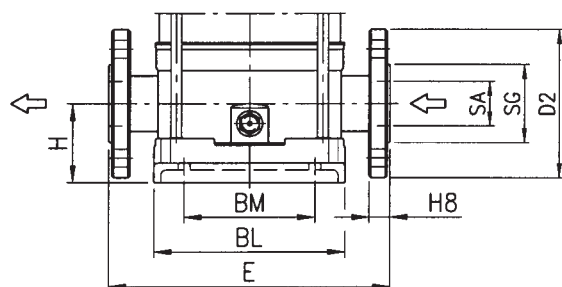
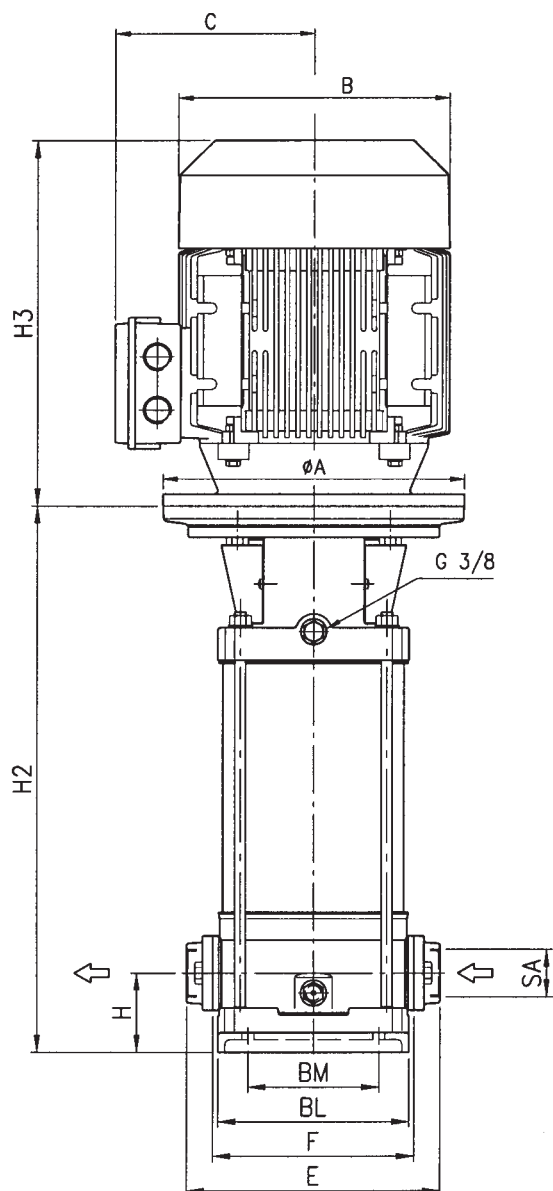


EVM 64

EVM64 7-3 F5 37 (37kW) no.4 impellers diameter= 143 mm / no.3 impellers diameter = 131mm
 EVM64 7-2 F5 37 (37kW) no.5 impellers diameter= 143 mm / no.2 impellers diameter = 131mm
 EVM64 7-1 F5 37 (37kW) no.6 impellers diameter= 143 mm / no.1 impeller diameter = 131mm



DIMENSION - EVM(.) 3-18



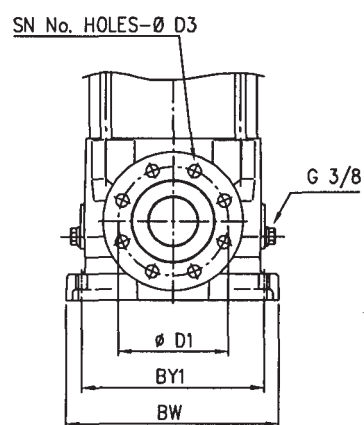
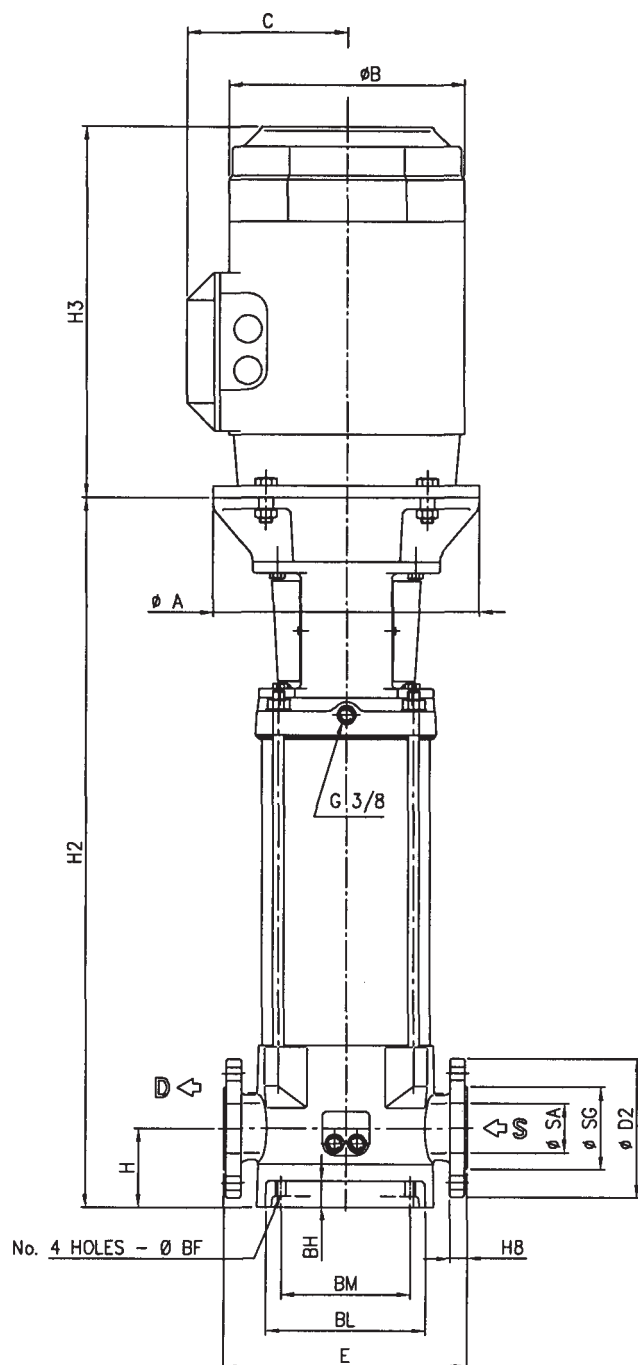
DIMENSION - EVM(.) 3 - 18

Pump Type EVM	Pmax. [MPa] 2)	Motor Size	Dimensions [mm]																										Weight [kg]		
			H	H2	H3 1)		F	E	B 1)		C 1)		BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A	Pump	Pump + motor			
					1~	3~			1~	3~	1~	3~																1~	3~	1~	3~
3 2N5/0.37	1.6	71	50	241	215	215	160	206	142	142	129	112	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø105	11	17	17		
3 3N5/0.37	1.6	71	50	262	215	215	160	206	142	142	129	112	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø105	12	17	17		
3 4N5/0.55	1.6	71	50	283	215	215	160	206	142	142	129	112	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø105	12	19	19		
3 5N5/0.55	1.6	71	50	304	215	215	160	206	142	142	129	112	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø105	13	20	19		
3 6N5/0.75	1.6	80	50	335	232	232	160	206	160	160	150	129	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120	14	25	22		
3 7N5/0.75	1.6	80	50	356	232	232	160	206	160	160	150	129	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120	14	25	22		
3 9N5/1.1	1.6	80	50	398	232	232	160	206	160	160	150	129	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120	15	27	24		
3 11N5/1.1	1.6	80	50	440	232	232	160	206	160	160	150	129	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø120	16	28	26		
◆ 3 13N5/1.5	1.6	90S	50	492	278	267	160	206	172	180	140	138	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø140	18	35	30		
◆ 3 15N5/1.5	1.6	90S	50	534	278	267	160	206	172	180	140	138	100	149	180	210	G 1"	-	75	-	-	2	M10	Ø12	20	Ø140	19	37	32		
◆ 3 18F5/2.2	2.5	90L	75	632	278	267	-	250	172	180	140	138	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø140	25	44	41		
◆ 3 22F5/2.2	2.5	90L	75	717	278	267	-	250	172	180	140	138	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø140	27	47	43		
3 26F5/3.0	2.5	100	75	811	-	306	-	250	-	196	-	145	100	149	180	210	Ø25	Ø63	Ø85	Ø115	16	4	Ø14	Ø12	20	Ø160	31	-	50		
5 2N5/0.37	1.6	71	50	255	215	215	160	206	142	142	129	112	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø105	12	17	17		
5 3N5/0.55	1.6	71	50	283	215	215	160	206	142	142	129	112	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø105	12	19	18		
5 4N5/0.75	1.6	80	50	321	232	232	160	206	160	160	150	129	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø120	13	24	21		
5 5N5/1.1	1.6	80	50	349	232	232	160	206	160	160	150	129	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø120	14	25	23		
5 6N5/1.1	1.6	80	50	377	232	232	160	206	160	160	150	129	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø120	14	26	24		
◆ 5 7N5/1.5	1.6	90S	50	415	278	267	160	206	172	180	140	138	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø140	15	33	28		
◆ 5 8N5/1.5	1.6	90S	50	443	278	267	160	206	172	180	140	138	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø140	16	33	28		
◆ 5 10N5/2.2	1.6	90L	50	509	278	267	160	206	172	180	140	138	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø140	18	37	34		
◆ 5 11N5/2.2	1.6	90L	50	537	278	267	160	206	172	180	140	138	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø140	19	39	35		
◆ 5 12N5/2.2	1.6	90L	50	565	278	267	160	206	172	180	140	138	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø140	20	39	36		
5 14N5/3.0	1.6	100	50	631	-	306	160	206	-	196	-	145	100	149	180	210	G 1 1/4"	-	75	-	-	2	M10	Ø12	20	Ø160	22	-	41		
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 18F5/4.0	2.5	112	75	769	-	306	-	250	-	196	-	145	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160	29	-	56		
5 19F5/4.0	2.5	112	75	797	-	306	-	250	-	196	-	145	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160	29	-	57		
5 22F5/4.0	2.5	112	75	881	-	306	-	250	-	196	-	145	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø160	31	-	59		
5 24F5/5.5	2.5	132	75	948	-	328	-	250	-	220	-	161	100	149	180	210	Ø32	Ø71	Ø100	Ø140	20	4	Ø14	Ø12	20	Ø300	35	-	67		

- 1) AEG motor dimensions except ◆ Single phase motors manufactured by Ebara
2) 1.6 MPa=16 bar
2.5 MPa=25 bar

Pump Type EVM	Pmax. [MPa] 2)	Motor Size	Dimensions [mm]																							Weight [kg]			
			H	H2	H3 1)	F	E	B 1)	C 1)	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A	Pump	Pump + motor				
																									1~	3~			
10 2N5/0.75	1.6	80	80	333	232	232	200	252	160	160	150	129	130	190	215	250	G 1 1/2"	-	100	-	-	2	M12	Ø12	20	Ø120	18	29	26
10 3N5/1.1	1.6	80	80	363	232	232	200	252	160	160	150	129	130	190	215	250	G 1 1/2"	-	100	-	-	2	M12	Ø12	20	Ø120	20	31	29
◆ 10 4N5/1.5	1.6	90S	80	403	278	267	200	252	172	180	140	138	130	190	215	250	G 1 1/2"	-	100	-	-	2	M12	Ø12	20	Ø140	22	40	35
◆ 10 5N5/2.2	1.6	90L	80	443	278	267	200	252	172	180	140	138	130	190	215	250	G 1 1/2"	-	100	-	-	2	M12	Ø12	20	Ø140	23	42	39
◆ 10 6N5/2.2	1.6	90L	80	473	278	267	200	252	172	180	140	138	130	190	215	250	G 1 1/2"	-	100	-	-	2	M12	Ø12	20	Ø140	24	44	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 10N5/4.0	1.6	112	80	603	-	306	200	252	-	196	-	145	130	190	215	250	G 1 1/2"	-	100	-	-	2	M12	Ø12	20	Ø160	32	-	59
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 12N5/5.5	1.6	132	80	674	-	328	200	252	-	220	-	161	130	190	215	250	G 1 1/2"	-	100	-	-	2	M12	Ø12	20	Ø300	39	-	71
10 14N5/5.5	1.6	132	80	734	-	328	200	252	-	220	-	161	130	190	215	250	G 1 1/2"	-	100	-	-	2	M12	Ø12	20	Ø300	42	-	74
10 15F5/5.5	2.5	132	80	764	-	328	-	280	-	220	-	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300	46	-	78
10 16F5/7.5	2.5	132	80	794	-	328	-	280	-	220	-	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300	48	-	86
10 18F5/7.5	2.5	132	80	854	-	328	-	280	-	220	-	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300	50	-	88
10 20F5/7.5	2.5	132	80	915	-	328	-	280	-	220	-	161	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø300	50	-	88
10 22F5/11	2.5	160M	80	1005	-	403	-	280	-	248	-	195	130	190	215	250	Ø40	Ø79	Ø110	Ø150	21	4	Ø18	Ø12	20	Ø350	56	-	113
◆ 18 2F5/2.2	1.6	90L	90	373	278	267	-	300	172	180	140	138	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø140	27	47	43
18 3F5/3.0	1.6	100	90	423	-	306	-	300	-	196	-	145	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø160	29	29	48
18 4F5/4.0	1.6	112	90	473	-	306	-	300	-	196	-	145	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø160	31	-	59
18 5F5/5.5	1.6	132	90	524	-	328	-	300	-	220	-	161	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø300	38	-	70
18 6F5/5.5	1.6	132	90	564	-	328	-	300	-	220	-	161	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø300	41	-	73
18 7F5/7.5	2.5	132	90	604	-	328	-	300	-	220	-	161	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø300	44	-	82
18 8F5/7.5	2.5	132	90	644	-	328	-	300	-	220	-	161	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø300	44	-	82
18 10F5/11	2.5	160M	90	754	-	403	-	300	-	248	-	195	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350	54	-	111
18 12F5/11	2.5	160M	90	834	-	403	-	300	-	248	-	195	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350	57	-	114
18 14F5/15	2.5	160M	90	914	-	503	-	300	-	335	-	246	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350	58	-	151
18 15F5/15	2.5	160M	90	955	-	503	-	300	-	335	-	246	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350	58	-	151
18 16F5/15	2.5	160M	90	995	-	503	-	300	-	335	-	246	130	190	215	250	Ø50	Ø92	Ø125	Ø165	21	4	Ø18	Ø12	20	Ø350	61	-	151

DIMENSION - EVM(.) 32 - 64



DIMENSION -EVM(.) 32

Pump Type EVM	Pmax. [MPa] 2)	Motor Size	Dimensions [mm]																				Weight [kg]	
			H	H2	H3 1) 3~	E	B 1) 3~	C 1) 3~	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A	Pump	Pump + motor
32 1-0F5/2.2	1.6	90L	105	493	267	320	180	138	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	140	56	72
32 2-2F5/3.0	1.6	100	105	503	306	320	196	145	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	160	58	77
32 2-0F5/4.0	1.6	112	105	503	306	320	196	145	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	160	58	85
32 3-3F5/5.5	1.6	132	105	572	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300	74	106
32 3-0F5/5.5	1.6	132	105	572	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300	74	106
32 4-3F5/7.5	1.6	132	105	620	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300	77	115
32 4-0F5/7.5	1.6	132	105	620	328	320	220	161	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	300	77	115
32 5-3F5/11	1.6	160M	105	799	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350	96	153
32 5-0F5/11	1.6	160M	105	799	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350	96	153
32 6-3F5/11	1.6	160M	105	847	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350	99	156
32 6-0F5/11	1.6	160M	105	847	403	320	248	195	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350	99	156
32 7-3F5/15	1.6	160M	105	895	503	320	335	246	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350	102	195
32 7-0F5/15	1.6	160M	105	895	503	320	335	246	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	4	Ø18	Ø14	35	350	102	195
32 8-3F5/15	2.5	160M	105	943	503	320	335	246	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	105	198
32 8-0F5/15	2.5	160M	105	943	503	320	335	246	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	105	198
32 9-3F5/18.5	2.5	160L	105	991	547	320	335	246	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	108	209
32 9-0F5/18.5	2.5	160L	105	991	547	320	335	246	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	108	209
32 10-3F5/18.5	2.5	160L	105	1039	547	320	335	246	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	112	213
32 10-1F5/18.5	2.5	160L	105	1039	547	320	335	246	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	112	213
32 11-3F5/22	2.5	180	105	1087	602	320	366	266	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	116	246
32 11-0F5/22	2.5	180	105	1087	602	320	366	266	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	116	246
32 12-3F5/22	2.5	180	105	1135	602	320	366	266	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	119	249
32 12-1F5/22	3.0	180	105	1135	602	320	366	266	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	350	119	249
32 13-3F5/30	3.0	200	105	1198	669	320	405	341	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400	129	301
32 13-0F5/30	3.0	200	105	1198	669	320	405	341	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400	129	301
32 14-3F5/30	3.0	200	105	1246	669	320	405	341	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400	133	305
32 14-0F5/30	3.0	200	105	1246	669	320	405	341	170	210	240	280	Ø65	Ø110	Ø145	Ø185	23	8	Ø18	Ø14	35	400	133	305

1) AEG motor dimensions

2) 1.6 MPa=16 bar

2.5 MPa=25 bar

3.0 MPa=30 bar

DIMENSION - EVM(.) 45

Pump Type EVM	Pmax. [MPa] 2)	Motor Size	Dimensions [mm]																				Weight [kg]	
			H	H2	H3 1) 3~	E	B 1) 3~	C 1) 3~	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A	Pump	Pump + motor
45 1-1F5/3.0	1.6	100	140	525	306	365	196	145	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	160	71	90
45 1-0F5/4.0	1.6	112	140	525	306	365	196	145	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	160	73	100
45 2-2F5/5.5	1.6	132	140	618	328	365	220	161	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	300	81	113
45 2-0F5/7.5	1.6	132	140	618	328	365	220	161	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	300	81	119
45 3-2F5/11	1.6	160M	140	821	403	365	248	195	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350	99	156
45 3-0F5/11	1.6	160M	140	821	403	365	248	195	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350	99	156
45 4-2F5/15	2.5	160M	140	893	503	365	335	246	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350	108	189
45 4-0F5/15	2.5	160M	140	893	503	365	335	246	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350	108	189
45 5-2F5/18.5	2.5	160L	140	965	547	365	335	246	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350	128	229
45 5-0F5/18.5	2.5	160L	140	965	547	365	335	246	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350	128	229
45 6-2F5/22	2.5	180	140	1037	602	365	366	266	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350	133	263
45 6-0F5/22	2.5	180	140	1037	602	365	366	266	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	350	133	263
45 7-2F5/30	2.5	200	140	1124	669	365	405	341	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400	139	311
45 7-0F5/30	2.5	200	140	1124	669	365	405	341	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400	139	311
45 8-2F5/30	2.5	200	140	1196	669	365	405	341	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400	146	318
45 8-0F5/30	2.5	200	140	1196	669	365	405	341	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400	146	318
45 9-2F5/3.0	2.5	200	140	1269	669	365	405	341	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400	151	323
45 9-0F5/37	2.5	200	140	1269	669	365	405	341	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400	151	341
45 10-2F5/37	3.0	200	140	1341	669	365	405	341	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400	156	346
45 10-0F5/37	3.0	200	140	1341	669	365	405	341	190	251	266	331	Ø80	Ø120	Ø160	Ø200	20	8	Ø18	Ø14	45	400	156	346

1) AEG motor dimensions

2) 1.6 MPa=16 bar

2.5 MPa=25 bar

3.0 MPa=30 bar

DIMENSIONS -EVM(.) 64

Pump Type EVM	Pmax. [MPa] 2)	Motor Size	Dimensions [mm]																				Weight [kg]	
			H	H2	H3 1) 3~	E	B 1) 3~	C 1) 3~	BM	BL	BY1	BW	SA	SG	D1	D2	H8	SN	D3	BF	BH	A	Pump	Pump + motor
64 1-1F5/4.0	1.6	100	140	525	306	365	196	145	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	160	70	98
64 1-0F5/5.5	1.6	132	140	546	328	365	220	161	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	300	77	109
64 2-2F5/7.5	1.6	132	140	618	328	365	220	161	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	300	81	119
64 2-1F5/11	1.6	160M	140	749	403	365	248	195	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	94	151
64 2-0F5/11	1.6	160M	140	749	403	365	248	195	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	94	151
64 3-3F5/15	1.6	160M	140	821	503	365	335	246	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	99	192
64 3-2F5/15	1.6	160M	140	821	503	365	335	246	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	99	192
64 3-1F5/15	1.6	160M	140	821	503	365	335	246	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	99	192
64 3-0F5/18.5	1.6	160L	140	821	547	365	335	246	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	99	200
64 4-3F5/18.5	1.6	160L	140	893	547	365	335	246	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	108	209
64 4-2F5/18.5	1.6	160L	140	893	547	365	335	246	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	108	209
64 4-1F5/22	1.6	180	140	893	602	365	366	266	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	116	246
64 4-0F5/22	1.6	180	140	893	602	365	366	266	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	350	116	246
64 5-3F5/30	1.6	200	140	980	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400	128	300
64 5-2F5/30	1.6	200	140	980	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400	128	300
64 5-1F5/30	1.6	200	140	980	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400	128	300
64 5-0F5/30	1.6	200	140	980	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400	128	300
64 6-3F5/30	1.6	200	140	1052	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø180	Ø220	20	8	Ø18	Ø14	45	400	136	308
64 6-2F5/30	2.5	200	140	1052	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø190	Ø235	26	8	Ø22	Ø14	45	400	136	308
64 6-1F5/37	2.5	200	140	1052	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø190	Ø235	26	8	Ø22	Ø14	45	400	136	326
64 6-0F5/37	2.5	200	140	1052	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø190	Ø235	26	8	Ø22	Ø14	45	400	136	326
64 7-3F5/37	2.5	200	140	1124	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø190	Ø235	26	8	Ø22	Ø14	45	400	139	329
64 7-2F5/37	2.5	200	140	1124	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø190	Ø235	26	8	Ø22	Ø14	45	400	139	329
64 7-1F5/37	2.5	200	140	1124	669	365	405	341	190	251	266	331	Ø100	Ø140	Ø190	Ø235	26	8	Ø22	Ø14	45	400	139	329

1) AEG motor dimensions

2) 1.6 MPa=16 bar

2.5 MPa=25 bar