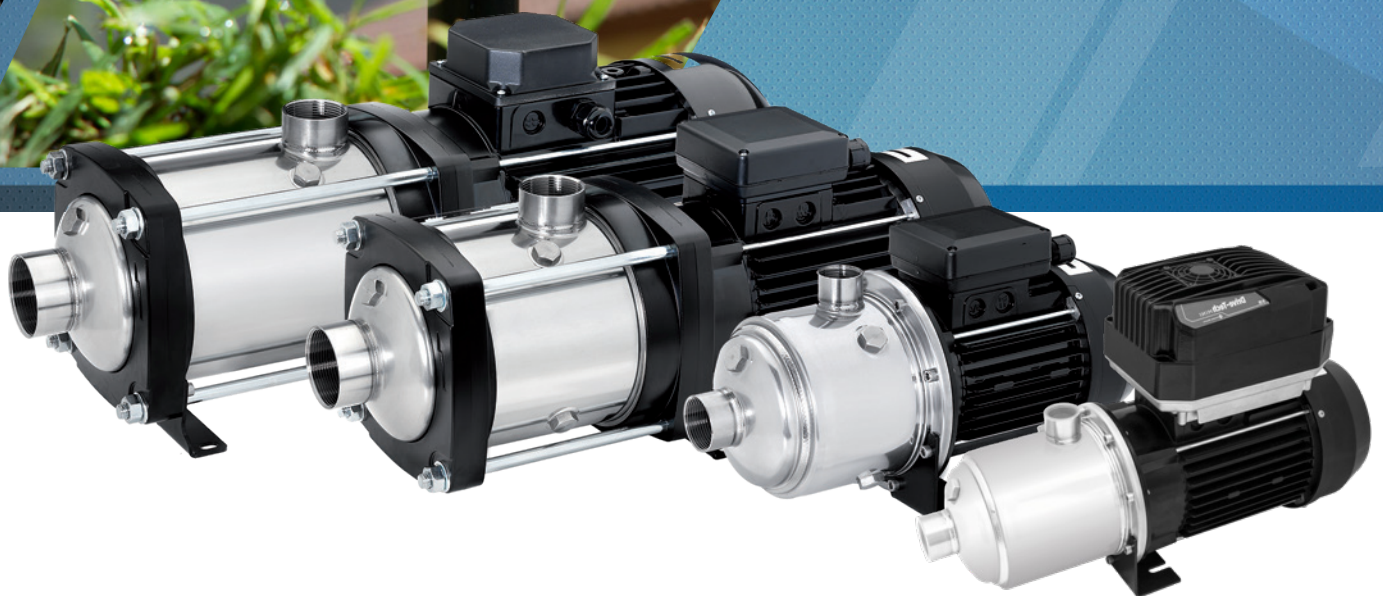




HORIZONTAL MULTISTAGE PUMPS 50 HZ

EH, EHsp (SELF-PRIMING), EH DTm (WITH DRIVE-TECH_{MINI}) SERIES



INDEX

Stainless Steel horizontal multistage pumps.....	2
Features and benefits.....	2
Family curves.....	3
Pump identification code.....	4
General features.....	4
Mechanical seal specifications	5
Motor specifications 50 Hz - EH-EHsp	6
Motor specifications three-phase 60 Hz - EH DTm.....	8
Motor spare parts	9
EH SERIES - HORIZONTAL MULTISTAGE PUMPS	
Spare parts and materials.....	12
EH 3-5-9	12
EH 15-20.....	14
Technical data and performance curves at 50 Hz.....	17
EH 3	18
EH 5	20
EH 9	22
EH 15.....	24
EH 20.....	26
EHsp SERIES - HORIZONTAL SELF-PRIMING PUMPS	
Spare parts and materials.....	30
EHsp 3-5	30
Technical data and performance curves at 50 Hz.....	33
EHsp 3	34
EHsp 5	36
EH DTm SERIES - HORIZONTAL MULTISTAGE PUMPS DRIVE-TECH_{MINI}	
EH DTm - Package system and main components included	40
Spare parts and materials.....	41
EH DTm 3-5-9	41
Drive-Tech_{MINI} inverter for EH Dtm pumps.....	42
Technical data and performance curves (motor frequency 60 Hz).....	45
EH DTm 3	46
EH DTm 5	51
EH DTm 9	55

NOTE: Franklin Electric S.r.l. reserves the right to amend specification without prior notice

For the most up-to-date product information, visit franklinwater.eu.

STAINLESS STEEL HORIZONTAL MULTISTAGE PUMPS

FEATURES AND BENEFITS

APPLICATIONS



Water Distribution
Pressure Boosting



Circulation of hot+cold water
for heating, cooling,
conditioning systems



Irrigation
Gardening, Sprinklers



Wash down unit



Domestic, industrial and
agricultural systems

COMPACT CLOSE-COUPLED DESIGN

- Reinforced with tie rods and corrosion resistance (EH 15-20)
- Materials WRAS and ACS certificated
- Flexible application base plate (only for EH and EH DTm)
- Floating neck ring in PPS
- Heavy duty oversize motor shaft
- Impellers and diffusers are made of stainless steel
- Easy maintenance
- Connections: Rp threaded for inlet and outlet (NPT optional)
- Mechanical seal Type E0 = Carbon graphite / Ceramic alumina / EPDM: EH 3-5-9, EHsp 3-5; EH DTm 3-5-9
- Mechanical seal Type E1 = Carbon graphite / Silicon carbide / EPDM: EH 15-20

SUPERIOR EFFICIENCY AND PERFORMANCE

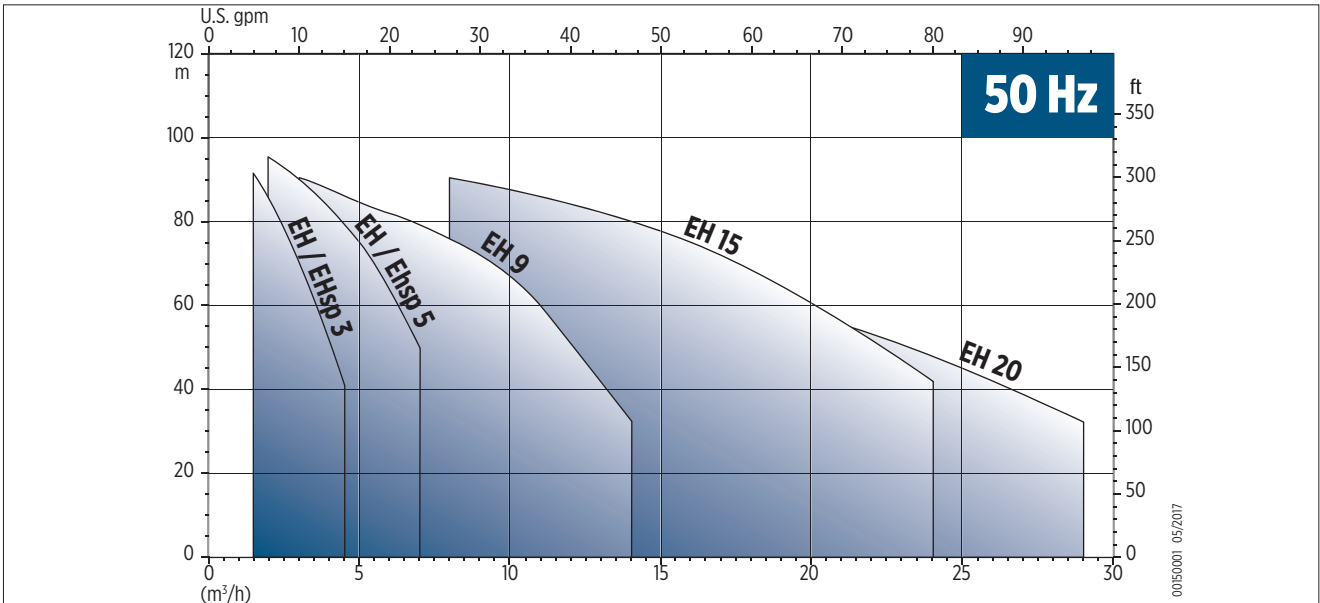
- Flow: up to 29 m³/h
- Head: up to 104 m
- Maximum working pressure 10 Bar
- Max. altitude at nominal load: 1000 m
- Maximum allowable amount of sand: 50 g/m³ (EH)
- Maximum ambient temperature: 40 °C
- The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B

CONSTRUCTION OPTIONS

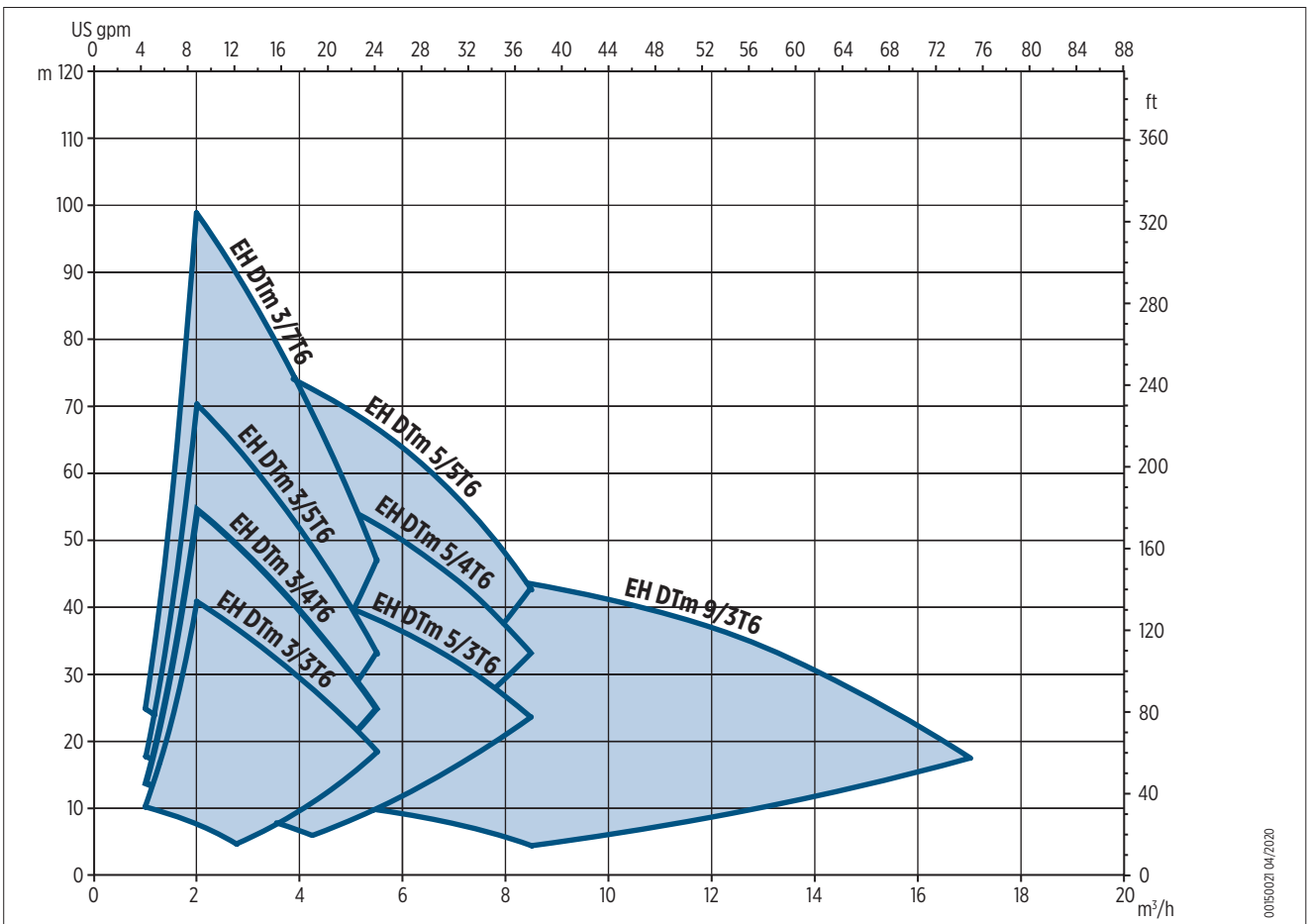
- Special mechanical seal (EH)
- Inlet and outlet connections NPT threaded

FAMILY CURVES

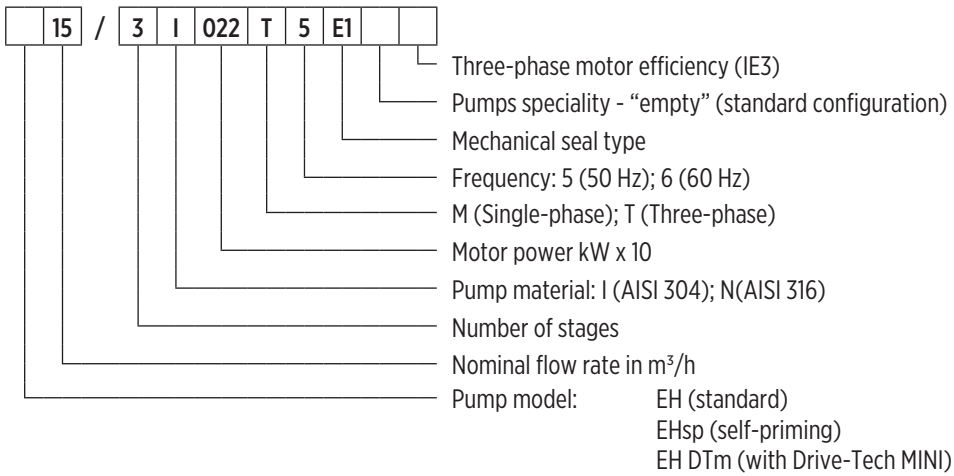
EH-EHsp



EH DTm



PUMP IDENTIFICATION CODE



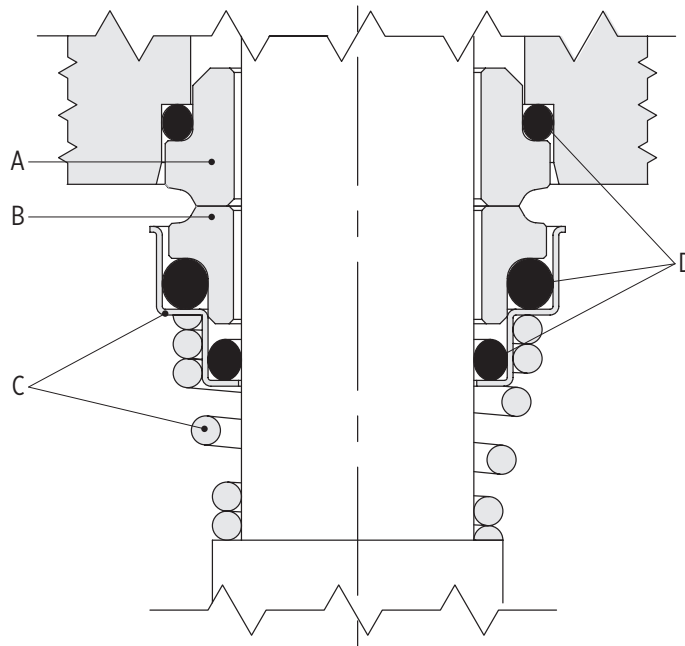
00140001EN 05/2021

GENERAL FEATURES

Model		3	5	9	15	20
Nominal flow [m ³ /h]		3.2	5.1	9.1	16.4	19
Maximum liquid temperature [°C]	Single-phase	55	55	55	55	55
	Three-phase (only industrial uses)	110	110	110	110	110
	Three-phase (domestic, commercial, other uses)	85	85	85	85	85
	Three-phase (drinking water)	85	85	85	85	85
	Version with Drive-tech _{MINI}	85	85	85	-	-
	Self-priming version	35	35	-	-	-
Max. D hydraulic [%]	Standard version	45.5	56.8	61	66.7	68.2
	Version with Drive-tech _{MINI}	42	56.8	61	-	-
	Self-priming version	40	53	-	-	-
Range [m ³ /h]	Standard version	1.5 - 4.5	2 - 7	3 - 14	8 - 24	10 - 28
	Version with Drive-tech _{MINI}	1.0 - 5.5	1.2 - 8.5	3 - 17	-	-
Pressione max. [bar]	Standard version	10	10	10	10	10
Material versions	I (AISI 304)	•	•	•	•	•
	N (AISI 316L)	•	•	•	•	•
Hydraulic connection (dimensions)	Rp (inlet - outlet) - standard	1"¼ - 1"	1"¼ - 1"	1"½ - 1"¼	2" - 1"½	2" - 1"½
	NPT (inlet - outlet) - optional	1"¼ - 1"	1"¼ - 1"	1"½ - 1"¼	2" - 1"½	2" - 1"½

"-" = not available
 • = available

MECHANICAL SEAL SPECIFICATIONS



00130002_05/2017

STANDARD VERSION

Model	Type				Position				Temperature [°C]
					A Stationary part	B Rotating part	C Other components	D Elastomers	
EH 3-5-9 / EHsp 3-5 / EH DTm 3-5-9									
E0	V	B	G	E	Ceramic alumina	Carbon graphite	AISI 316	EPDM	-15 / +110
EH 15-20									
E1	B	Q	G	E	Carbon graphite	Silicon Carbide	AISI 316	EPDM	-15 / +110

AVAILABLE ON REQUEST (ONLY FOR EH)

Model	Type				Position				Temperature [°C]
					A Stationary part	B Rotating part	C Other components	D Elastomers	
E2	Q	Q	G	E	Silicon Carbide	Silicon Carbide	AISI 316	EPDM	-15 / +110
V3*	Q	Q	G	V	Silicon Carbide	Silicon Carbide	AISI 316	FKM	-10 / +110
V8*	Q	U	G	V	Silicon Carbide	Tungsten Carbide	AISI 316	FKM	-10 / +110

* on request version with stopper pin

Type	Material
B	Carbon graphite
E	EPDM
G	AISI 316
Q	Silicon Carbide
V	FKM
V	Ceramic alumina
U	Tungsten Carbide

MOTOR SPECIFICATIONS 50 HZ - EH-EHsp

- Asynchronous, TEFC (Totally Enclosed, Fan-Cooled)
- 2 pole
- Protection degree: IP55
- Insulation class: F
- Frequency of starts:
 - Max. 60 starts/hour for motor power up to 3 kW (with min. 1 minute resting time)
 - Max. 30 starts/hour for motor power from 4 kW (with min. 2 minute resting time)

SINGLE-PHASE VERSION

- Standard voltage 220-240 V ± 5%
- Thermal protection built into the motor

P _N [kW]	MOTOR SIZE	INPUT CURRENT I _N [A]	Capacitor		230 V - 50 Hz						
			μF	V	η _N [min ⁻¹]	I _s /I _N	η %	cos φ	T _N [Nm]	T _s /T _N	T _M /T _N
0.33	71	2.5	16	450	2920	6.5	64.8	0.88	1.08	1	1.6
0.45	71	3	16	450	2890	5.4	69.7	0.92	1.5	0.72	1.6
0.55	71	3.5	16	450	2860	4.6	72.6	0.94	1.83	0.59	1.85
0.75	71	4.67	16	450	2790	3.5	72.2	0.97	2.56	0.42	1.87
0.9	71	5.45	30	450	2875	4.8	75.3	0.93	3	0.47	1.67
1.1	71	6.6	30	450	2820	3.9	77	0.96	3.7	0.38	1.86
1.3	80	7.46	30	450	2860	4.2	80.8	0.94	4.35	0.57	1.86
1.5	80	8.56	30	450	2830	3.6	79.9	0.95	5.05	0.5	1.92
1.85	90	10.9	60	450	2760	2.8	76.6	0.96	6.4	0.39	2.4
2.2	90	12.6	60	450	2870	2.2	76.7	0.99	7.3	0.51	1.99

THREE-PHASE VERSION

- Efficiency class: IE3 (Premium Efficiency) according to IEC 60034-30-1:2014
- Electrical performance according to IEC 60034-2-1:2007
- Standard voltage:
 - 220-240 / 380-415 V ± 5 % up to 3 kW
 - 380-415 / 660-690 V ± 5 % from 4 kW
- Thermal protection to be provided into the starter panel by the installer

P _N [kW]	Rendimento / Efficiency η _N %						IE
	Δ 230 V Y 400 V			Δ 400 V Y 690 V			
	4/4	3/4	2/4	4/4	3/4	2/4	
0.75	80.9	81.5	79.6	-	-	-	3
1.1	82.7	84.6	84.2	-	-	-	
1.5	84.3	85.7	85.3	-	-	-	
2.2	86.1	86.7	85.4	-	-	-	
3	87.1	87.5	86.1	-	-	-	
4	-	-	-	88.1	88.7	87.7	
5.5	-	-	-	89.2	89.4	88.1	

P_N [kW]	MOTOR SIZE	N. of poles	f_N [Hz]	400 V - 50 Hz				
				$\cos \varphi$	I_s / I_N	T_N [Nm]	T_s / T_N	T_M / T_N
0.75	71	2	50	0.83	6.8	2.6	3.6	3.7
1.1	71			0.82	5.9	3.7	3.2	3.1
1.5	80			0.79	6.8	5.1	3.2	3.2
2.2	90			0.8	9.6	7.3	4.3	4.4
3	90			0.83	9.6	9.9	4.7	4.9
4	100			0.85	8.1	13.2	2.8	3
5.5	112			0.81	8.4	18.1	4.3	4.5

P_N [kW]	VOLTAGE U_N				n_N [min ⁻¹]	Motor operating conditions		
	Δ 230 V	Y 400 V	Δ 400 V	Y 690 V		Altitude Above Sea Level [m]	T. amb min/max [°C]	ATEX
	I_N [A]							
0.75	2.8	1.6	-	-	2800	≤ 1000	-15 / +40	No
1.1	4.1	2.3	-	-	2840			
1.5	5.7	3.3	-	-	2830			
2.2	8	4.6	-	-	2880			
3	10.4	6	-	-	2900			
4	-	-	7.7	4.4	2900			
5.5	-	-	11	6.4	2900			

MOTOR SPECIFICATIONS THREE-PHASE 60 HZ - EH DTm

- Asynchronous, TEFC (Totally Enclosed, Fan-Cooled)
- 2 poles
- Protection degree: IP55
- Insulation class: F
- Efficiency class: IE3 (Premium Efficiency) according to IEC 60034-30-1:2014
- Electrical performance according to IEC 60034-2-1:2007
- Standard voltage: 220÷230 V ± 5 % up to 3 kW

P _N [kW]	Rendimento / Efficiency η _N %			IE
	Δ 230 V Y 400 V			
	4/4	3/4	2/4	
0.75	82.5	82.6	80.4	3
1.1	84	84.5	82.8	
1.5	85.5	85.7	83.7	
2.2	86.9	87.6	86.8	

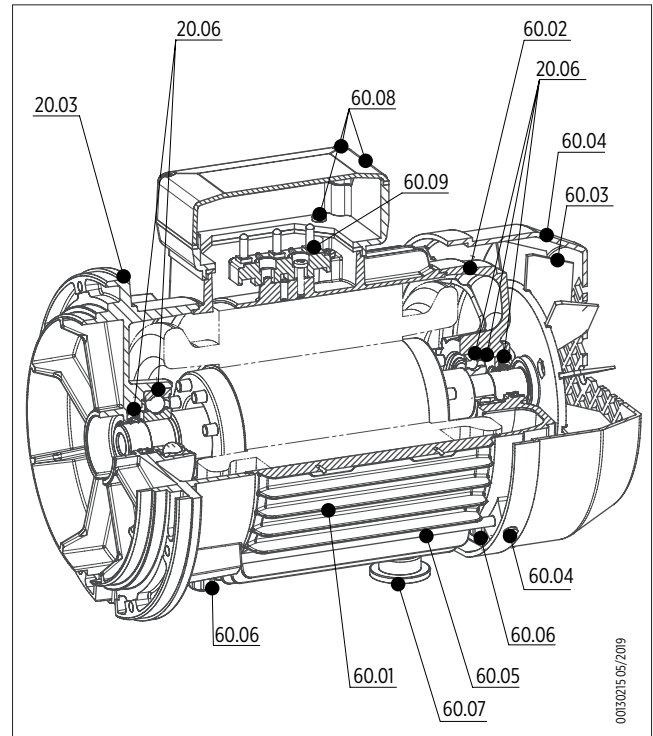
P _N [kW]	MOTOR SIZE	N. of poles	f _N [Hz]	230 V 60 Hz				
				cos φ	I _s / I _N	T _N [Nm]	T _s / T _N	T _M / T _N
0.75	71	2	60	0.85	7.9	2.1	3.9	4
1.1	71			0.85	6.6	3.1	3	3.1
1.5	80			0.85	8.2	4.1	3.1	3.2
2.2	90			0.89	9.8	6.0	4	4.1

P _N [kW]	VOLTAGE U _N		n _N [min ⁻¹]	Motor operating conditions		
	Δ 230 V	Y 400 V		Altitude Above Sea Level [m]	T. amb min/max [°C]	ATEX
	I _N [A]					
0.75	2.8	1.6	3440	≤ 1000	-15 / +40	NO
1.1	4.0	2.3	3440			
1.5	5.4	3.1	3480			
2.2	7.5	4.3	3490			

MOTOR SPARE PARTS

SPARE PARTS LIST

Ref. No.	Part description
20.03	Motor bracket
20.06	Kit bearings
60.01	Motor housing and stator
60.02	Bearing housing
60.03	Fan
60.04	Fan cover and screws
60.05	Motor tie rods
60.06	Kit motor spare components
60.07	Motor housing foot
60.08	Terminal box cover and base
60.09	Terminal board

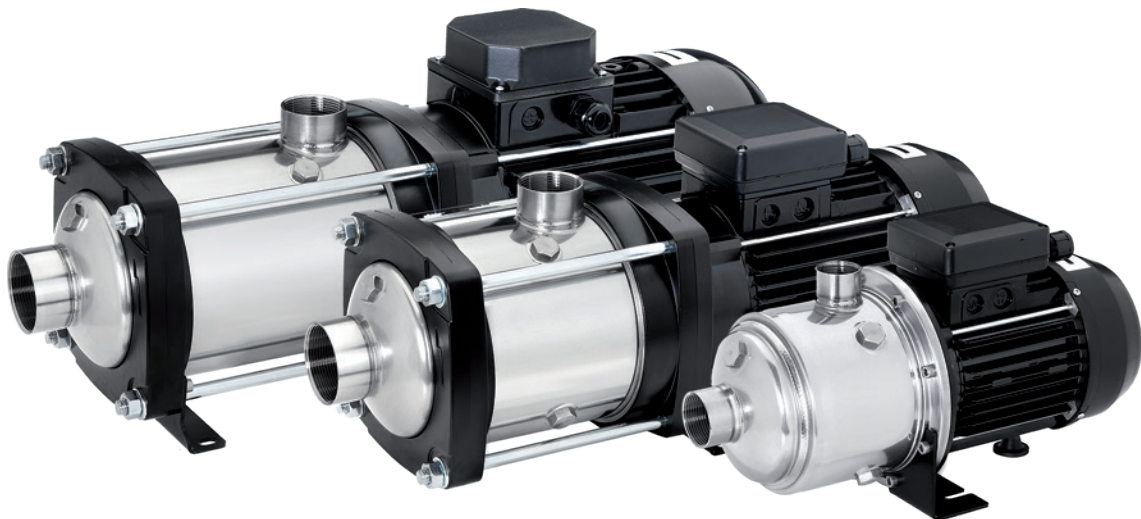


ErP REGULATION

Information related to energy performance of the motor, according to Reg. 2019/1781 CE and modifications:

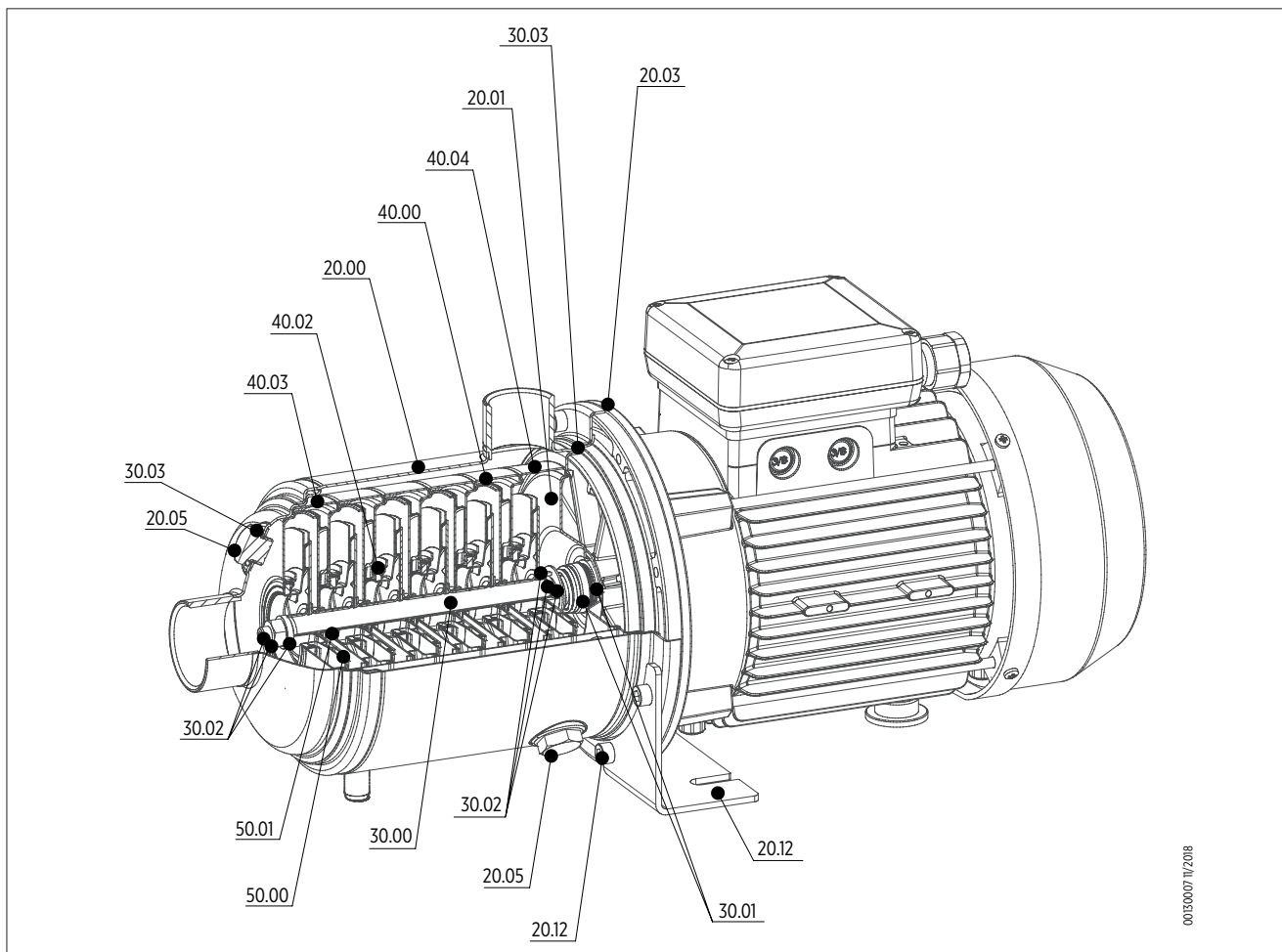
1. nominal efficiency (η) at the full, 75 % and 50 % rated load and voltage (UN): see motor nameplate or the catalogue (<http://franklinwater.eu/products/>);
2. efficiency level: see motor nameplate or the catalogue;
3. the year of manufacture: see motor nameplate
4. manufacturer's name or trade mark, commercial registration number and place of manufacturer: see the motor nameplate;
5. product's model number: see motor nameplate or the catalogue (<http://franklinwater.eu/products/>);
6. number of poles of the motor: see motor nameplate or the catalogue (<http://franklinwater.eu/products/>);
7. the rated power output(s) or range of rated power output (kW): see motor nameplate or the catalogue (<http://franklinwater.eu/products/>);
8. the rated input frequency(s) of the motor (Hz): see motor nameplate or the catalogue (<http://franklinwater.eu/products/>);
9. the rated voltage(s) or range of rated voltage (V): see motor nameplate or the catalogue (<http://franklinwater.eu/products/>);
10. the rated speed(s) or range of rated speed (rpm): see motor nameplate or the catalogue (<http://franklinwater.eu/products/>);
11. information relevant for disassembly, recycling or disposal at end-of-life: see the motor Instruction manual;
12. information on the range of operating conditions for which the motor is specifically designed (<http://franklinwater.eu/products/>):
 - a. altitudes above sea-level: 0-1000 m;
 - b. ambient air temperature: max. 40°C;
 - c. ---;
 - d. maximum operating temperature: max. 60°C;
 - e. ---

EH Series
Horizontal multistage pumps
3-5-9-15-20
50 Hz



SPARE PARTS AND MATERIALS

EH 3-5-9



00500071/2018

PARTS IN CONTACT WITH LIQUID

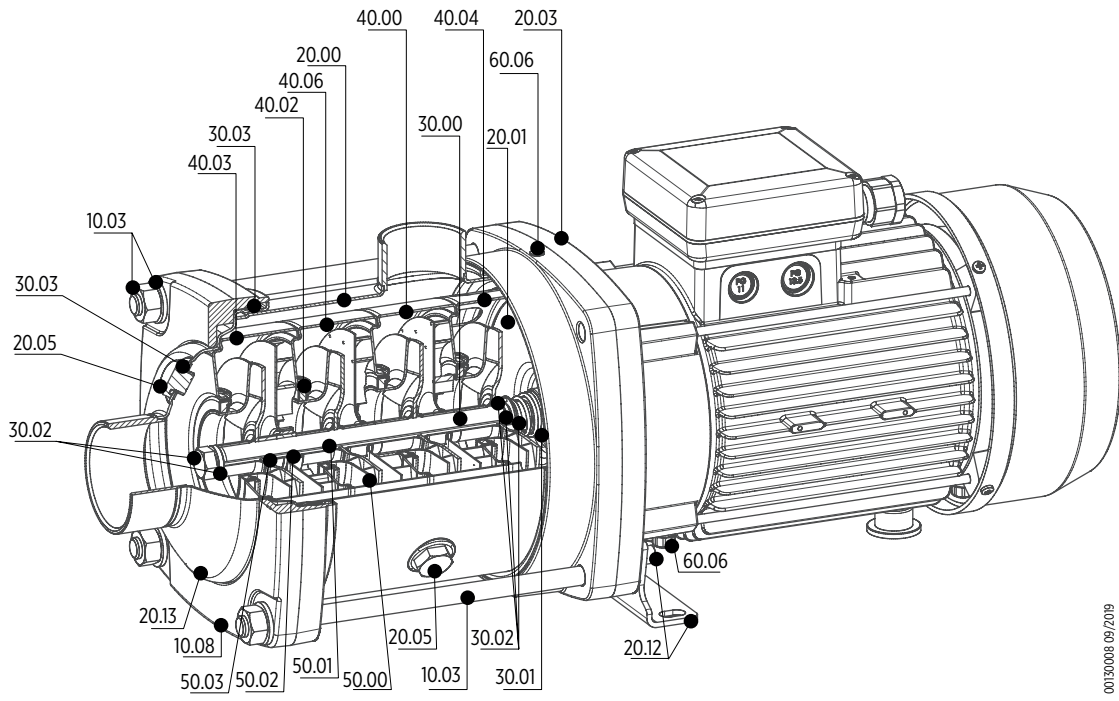
Ref. No.	Part description	Material	Standard			
			I version		N version	
			ASTM/AISI	DIN/EN	ASTM/AISI	DIN/EN
20.00	Outer case	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
20.01	Mechanical seal housing	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
20.05	Filling plug	Stainless steel	AISI 304	14.301	AISI 316	14.401
30.00	Pump shaft	Stainless steel	AISI 304	14.301	AISI 316	14.401
30.01	Kit mechanical seal	Carbon graphite / Ceramic alumina / EPDM				
30.02	Mechanical seal fastening kit	Stainless steel	AISI 304	14.301	AISI 316	14.401
30.03	Kit O-rings	EPDM				
40.00	Stage housing and diffuser	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
40.02	Floating neck ring	Stainless steel and PPS	AISI 304	14.301	AISI 316 L	14.404
40.03	Initial stage housing	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
40.04	Last Stage with diffuser	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
50.00	Impeller	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
50.01	Impeller spacers	Stainless steel	AISI 304	14.301	AISI 316 L	14.404

SPARE PARTS LIST

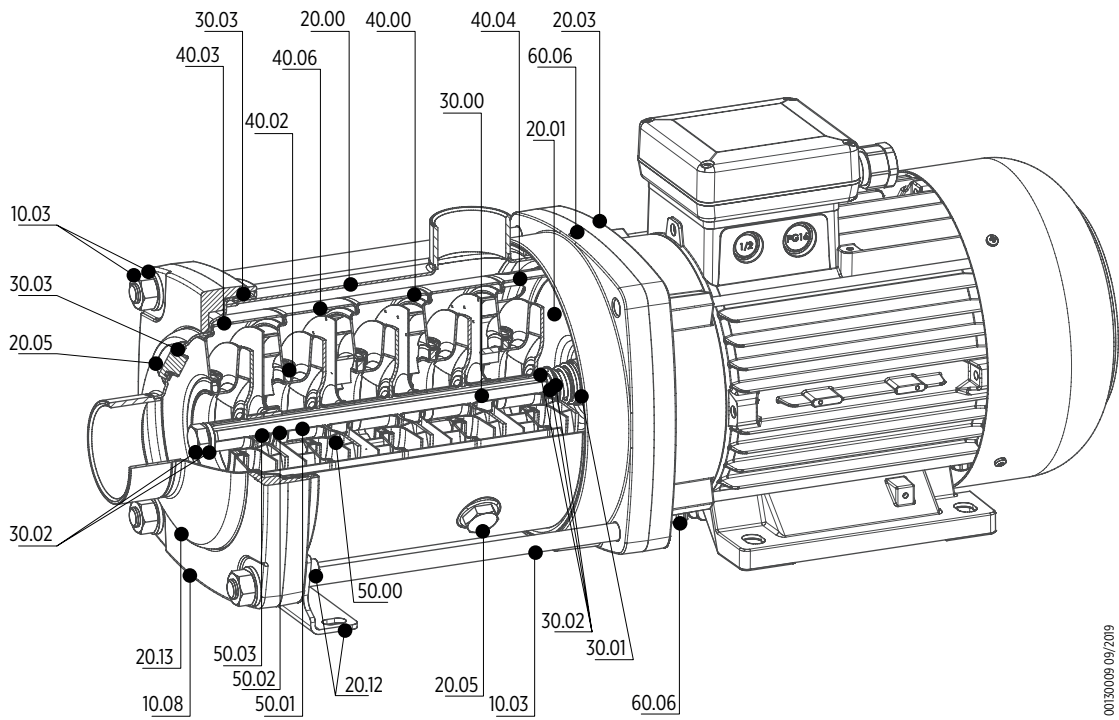
Ref. No.	Part description
20.00	Outer case
20.01	Mechanical seal housing
20.03	Motor bracket
20.05	Filling plug
20.12	Support foot and screws
30.00	Pump shaft
30.01	Kit mechanical seal
30.02	Mechanical seal fastening kit

Ref. No.	Part description
30.03	Kit O-rings
40.00	Stage housing and diffuser
40.02	Floating neck ring
40.03	Initial stage housing
40.04	Last Stage with diffuser
50.00	Impeller
50.01	Impeller spacer

EH 15-20



00130008 09/2019



00130009 09/2019

PARTS IN CONTACT WITH LIQUID

Ref. No.	Part description	Material	Standard			
			I version		N version	
			ASTM/AISI	DIN/EN	ASTM/AISI	DIN/EN
20.00	Outer case	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
20.01	Mechanical seal housing	Stainless steel	AISI 304	14.301	AISI 316	14.401
20.05	Filling plug	Stainless steel	AISI 304	14.301	AISI 316	14.401
20.13	Inlet cover	Stainless steel	AISI 304	14.301	AISI 316	14.401
30.00	Pump shaft	Stainless steel	AISI 304	14.301	AISI 316	14.401
30.01	Kit mechanical seal	Carbon graphite / Silicon Carbide (SiC) / EPDM				
30.02	Mechanical seal fastening kit	Stainless steel	AISI 304	14.301	AISI 316	14.401
30.03	Kit O-rings	EPDM				
40.00	Stage housing and diffuser	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
40.02	Floating neck ring	Stainless steel and PPS	AISI 304	14.301	AISI 316 L	14.404
40.03	Initial stage housing	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
40.04	Last Stage with diffuser	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
40.06	Stage housing and diffuser with bearing	Stainless steel, Tungsten carbide (WC)	AISI 304	14.301	AISI 316 L	14.404
50.00	Impeller	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
50.01	Impeller spacer	Stainless steel	AISI 304	14.301	AISI 316 L	14.404
50.02	Intermediary sleeve	Tungsten carbide (WC)				
50.03	Intermediary sleeve spacer	Stainless steel	AISI 304	14.301	AISI 316 L	14.404

SPARE PARTS LIST

Ref. No.	Part description
10.03	Tie bolts, washers and nuts
10.08	Pre-load flange
20.00	Outer case
20.01	Mechanical seal housing
20.03	Motor bracket
20.05	Filling plug
20.12	Support foot and screws
20.13	Inlet cover
30.00	Pump shaft
30.01	Kit mechanical seal
30.02	Mechanical seal fastening kit

Ref. No.	Part description
30.03	Kit O-rings
40.00	Stage housing and diffuser
40.02	Floating neck ring
40.03	Initial stage housing
40.04	Last Stage with diffuser
40.06	Stage housing and diffuser with bearing
50.00	Impeller
50.01	Impeller spacer
50.02	Intermediate sleeve
50.03	Intermediate sleeve spacer
60.06	Kit motor spare components



TECHNICAL DATA AND PERFORMANCE CURVES AT 50 HZ

HYDRAULIC PERFORMANCE AT 50 HZ

Pump model	Q = DELIVERY																
	l/min 0	16.7	25.0	33.3	50.0	75.0	100.0	116.7	133.3	166.7	200.0	233.3	283.3	333.3	400.0	466.7	533.3
	m³/h 0	1	1.5	2.0	3.0	4.5	6.0	7.0	8.0	10.0	12.0	14.0	17.0	20.0	24.0	28.0	32
	gpm 0	4.4	6.6	8.8	13.2	19.8	26.4	30.8	35.2	44.0	52.8	61.6	74.7	87.9	105.5	123.1	140.9
H = TOTAL METERS HEAD OF WATER COLUMN [m]																	
EH 3/2	22.4		20.0	18.7	15.5	9.7											
EH 3/3	33.2		29.3	27.4	22.5	13.8											
EH 3/4	43.7		38.3	35.6	29.1	17.5											
EH 3/5	54.0		46.8	43.4	35.2	20.7											
EH 3/6	65.1		56.7	52.6	42.8	25.4											
EH 3/7	75.3		65.1	60.2	48.7	28.4											
EH 3/8	87.6		77.0	71.7	58.8	35.6											
EH 3/9	98.0		85.8	79.8	65.2	39.1											
EH 5/2	23.5			21.7	20.5	18.3	15.0	11.8									
EH 5/3	34.8			31.9	30.0	26.5	21.3	16.5									
EH 5/4	46.2			42.4	39.9	35.2	28.4	21.9									
EH 5/5	57.3			52.1	48.8	42.7	34.0	25.8									
EH 5/6	69.5			64.0	60.3	53.4	43.2	33.6									
EH 5/7	80.7			73.9	69.5	61.3	49.2	37.9									
EH 5/8	93.9			87.1	82.6	73.8	60.6	47.9									
EH 5/9	105.4			97.5	92.3	82.4	67.4	53.0									
EH 9/2	23.7				22.0	20.8	19.7	18.9	18.1	15.6	11.9	6.9					
EH 9/3	35.3				32.7	30.8	29.1	27.9	26.6	22.8	17.2	9.7					
EH 9/4	47.4				44.2	41.9	39.7	38.2	36.5	31.7	24.3	14.4					
EH 9/5	60.1				56.6	54.0	51.4	49.7	47.8	42.1	33.0	20.7					
EH 9/6	71.8				67.4	64.2	61.0	58.9	56.5	49.5	38.5	23.7					
EH 9/7	84.3				79.4	75.8	72.2	69.9	67.1	59.2	46.5	29.3					
EH 9/8	96.0				90.3	86.1	81.9	79.2	76.0	66.8	52.2	32.5					
EH 15/2	28.5								25.0	24.0	22.9	21.7	19.2	15.9	10.3		
EH 15/3	43.3								38.3	36.9	35.3	33.5	29.9	25.0	16.5		
EH 15/4	57.9								51.4	49.5	47.4	45.0	40.3	33.8	22.5		
EH 15/5	72.6								64.5	62.2	59.6	56.7	50.8	42.7	28.6		
EH 15/6	87.5								78.2	75.5	72.5	69.0	62.1	52.5	35.6		
EH 15/7	101.9								90.8	87.5	84.0	79.8	71.7	60.5	40.7		
EH 20/2	31.2									27.9	27.2	26.5	25.3	23.1	18.5	12.7	
EH 20/3	46.8									41.9	40.8	39.8	37.8	34.6	27.7	19.0	
EH 20/4	62.5									56.0	54.6	53.2	50.6	46.3	37.2	25.6	
EH 20/5	78.5									70.6	68.9	67.3	64.1	58.9	47.6	33.2	

EH 3 - TECHNICAL DATA

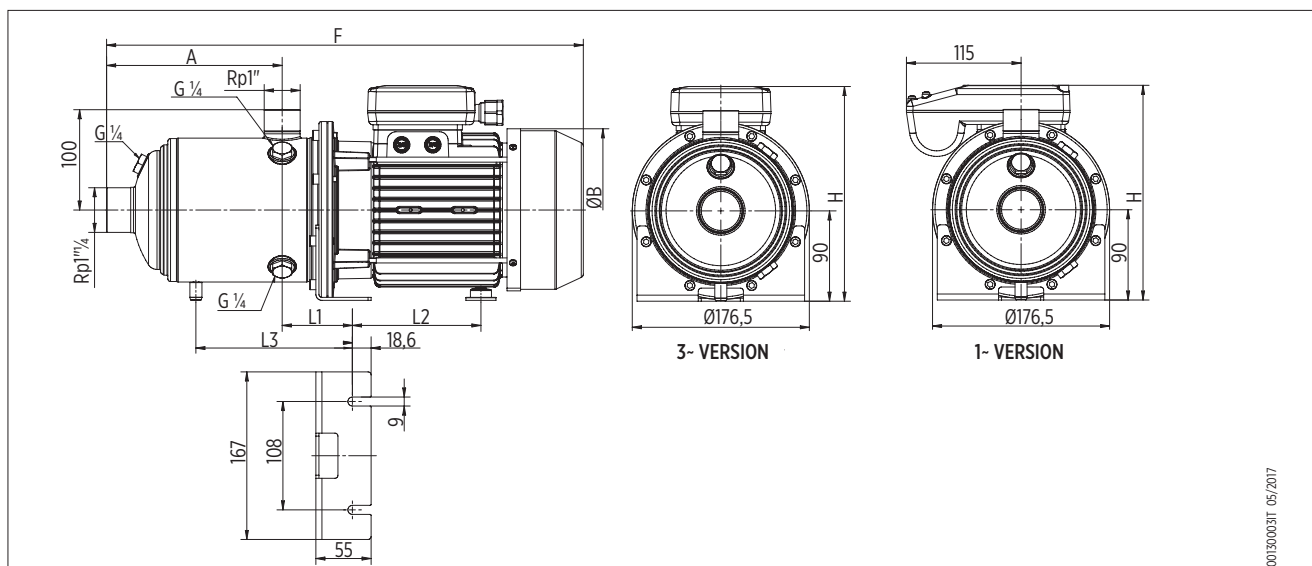
1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450 V [µf]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]				A	F	ØB	H	L1	L2		L3
EH 3/2	71	0.33	0.45	0.46	16	2.5	103	361	144	207	70	101	-	11.2
EH 3/3	71	0.45	0.6	0.60	16	3.0	103	361	144	207	70	101	-	11.4
EH 3/4	71	0.55	0.75	0.76	16	3.7	127	385	144	207	70	101	-	11.8
EH 3/5	71	0.75	1	0.91	16	4.3	151	409	144	207	70	101	-	12.4
EH 3/6	71	0.9	1.2	1.13	30	5.4	175	433	144	207	70	101	-	14.4
EH 3/7	71	1.1	1.5	1.28	30	6.0	199	457	144	207	70	101	180	15
EH 3/8	80	1.3	1.8	1.43	30	6.9	223	523	162	214	70	128	204	18.8
EH 3/9	80	1.5	2	1.58	30	7.5	247	547	162	214	70	128	228	19.4

3 ~ ELECTRIC PUMP TECHNICAL DATA

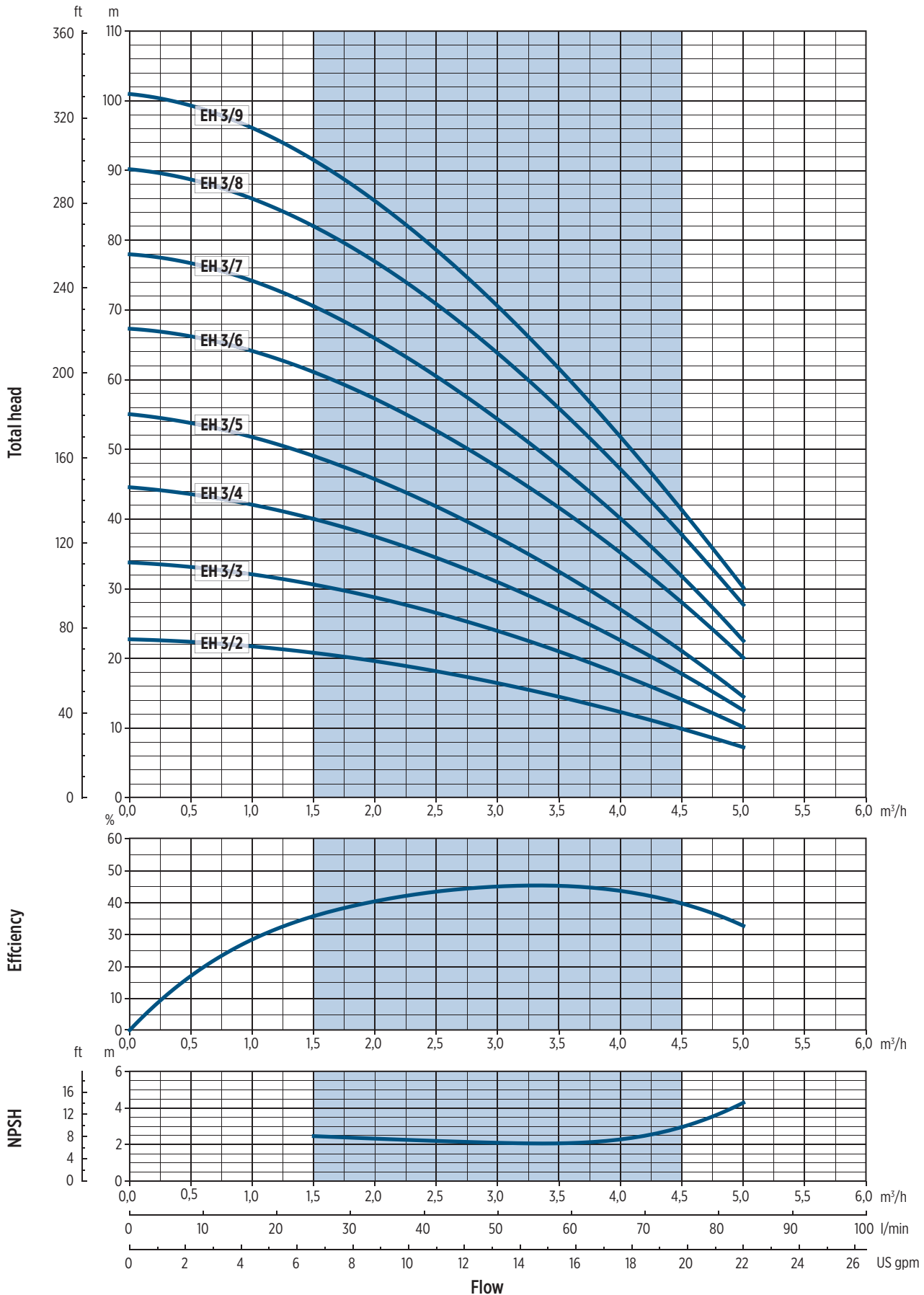
Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]		Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]		220-240 V	380-415 V	A	F	ØB	H	L1	L2		L3
EH 3/2T	71	0.75	1	0.41	1.9	1.1	103	363	144	207	70	101	-	10.8
EH 3/3T	71	0.75	1	0.57	2.1	1.2	103	363	144	207	70	101	-	11
EH 3/4T	71	0.75	1	0.72	2.4	1.4	127	387	144	207	70	101	-	11.6
EH 3/5T	71	0.75	1	0.87	2.7	1.6	151	411	144	207	70	101	-	12
EH 3/6T	71	1.1	1.5	1.02	3.3	1.9	175	435	144	207	70	101	-	13.2
EH 3/7T	71	1.1	1.5	1.17	3.6	2.1	199	459	144	207	70	101	180	13.8
EH 3/8T	80	1.5	2	1.39	4.8	2.8	223	520	162	214	70	128	204	17.6
EH 3/9T	80	1.5	2	1.55	5.1	3.0	247	544	162	214	70	128	228	18.2

DIMENSIONAL DRAWINGS



001300031T 05/2017

EH 3 - PERFORMANCE CURVES AT 50 HZ



00120005_05/2017

EH 5 - TECHNICAL DATA

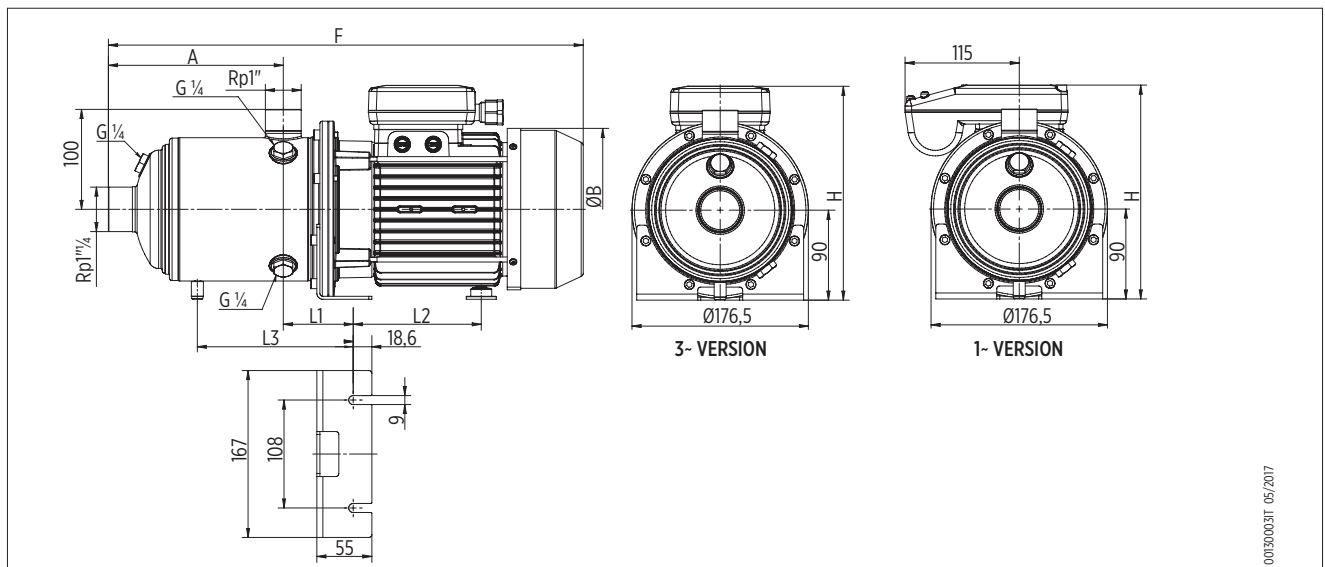
1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450 V [µf]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]				A	F	ØB	H	L1	L2		L3
EH 5/2	71	0.45	0.6	0.59	16	3.0	103	361	144	207	70	101	-	11.2
EH 5/3	71	0.55	0.75	0.81	16	3.9	103	361	144	207	70	101	-	11.4
EH 5/4	71	0.9	1.2	1.10	30	5.3	127	385	144	207	70	101	-	13.4
EH 5/5	71	1.1	1.5	1.32	30	6.2	151	409	144	207	70	101	-	14
EH 5/6	80	1.3	1.8	1.53	30	7.3	175	475	162	214	70	128	-	17.8
EH 5/7	80	1.5	2	1.74	30	8.2	199	499	162	214	70	128	180	18.2
EH 5/8	90	1.85	2.5	2.40	60	10.5	223	567	179	221	70	172	204	24.2
EH 5/9	90	2.2	3	2.59	60	11.4	247	592	179	221	70	172	228	24.8

3 ~ ELECTRIC PUMP TECHNICAL DATA

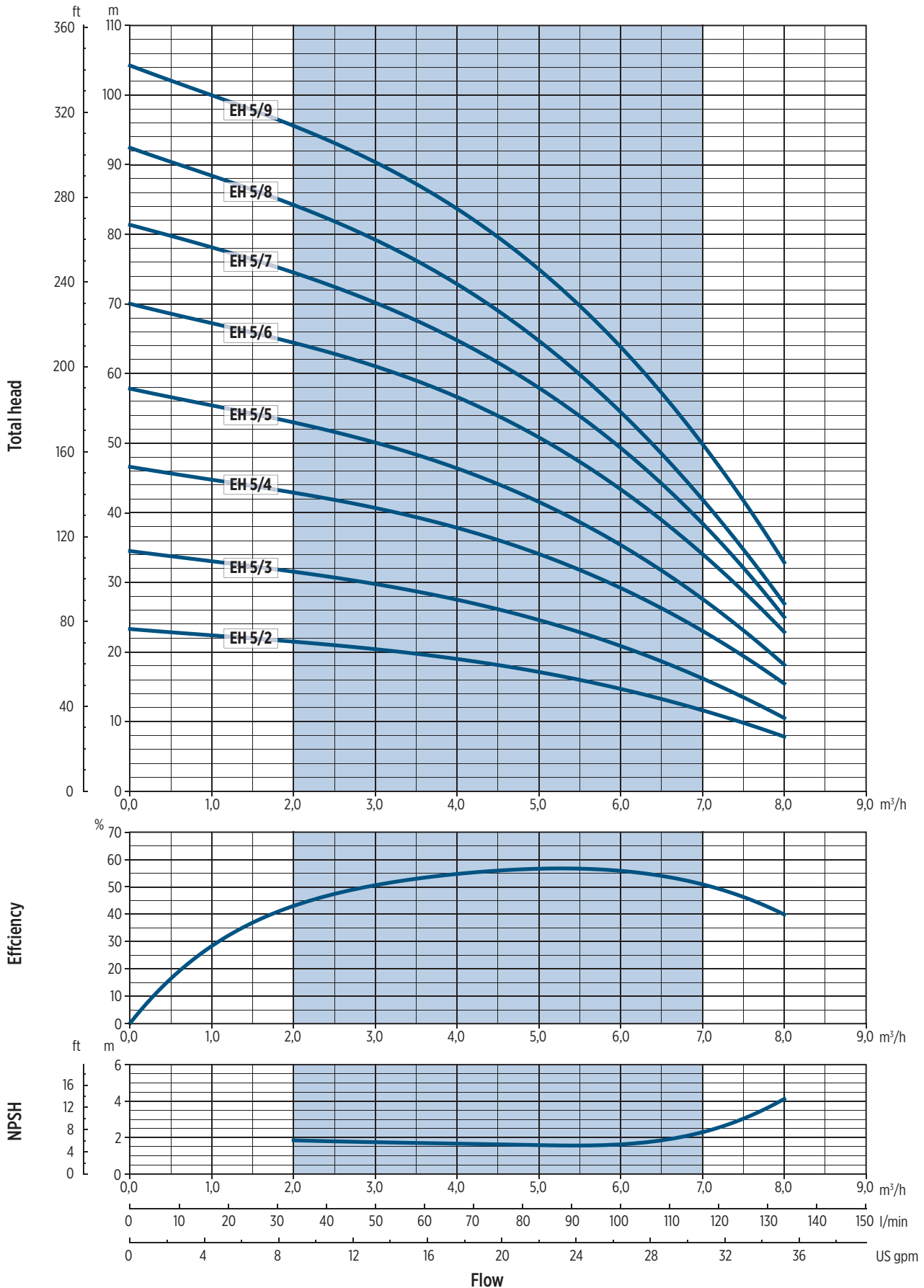
Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]		Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]		220-240 V	380-415 V	A	F	ØB	H	L1	L2		L3
EH 5/2T	71	0.75	1	0.55	2.1	1.2	103	363	144	207	70	101	-	10.8
EH 5/3T	71	0.75	1	0.77	2.5	1.4	103	363	144	207	70	101	-	11
EH 5/4T	71	1.1	1.5	0.99	3.2	1.9	127	387	144	207	70	101	-	12.2
EH 5/5T	71	1.1	1.5	1.21	3.7	2.2	151	411	144	207	70	101	-	12.6
EH 5/6T	80	1.5	2	1.50	5.0	2.9	175	472	162	214	70	128	-	16.6
EH 5/7T	80	1.5	2	1.72	5.5	3.2	199	496	162	214	70	128	180	17
EH 5/8T	90	2.2	3	2.06	6.8	3.9	223	567	179	221	70	172	204	23
EH 5/9T	90	2.2	3	2.29	7.4	4.3	247	591	179	221	70	172	228	23.4

DIMENSIONAL DRAWINGS



0073003IT 05/2017

EH 5 - PERFORMANCE CURVES AT 50 HZ



0072006.05/2017

EH 9 - TECHNICAL DATA

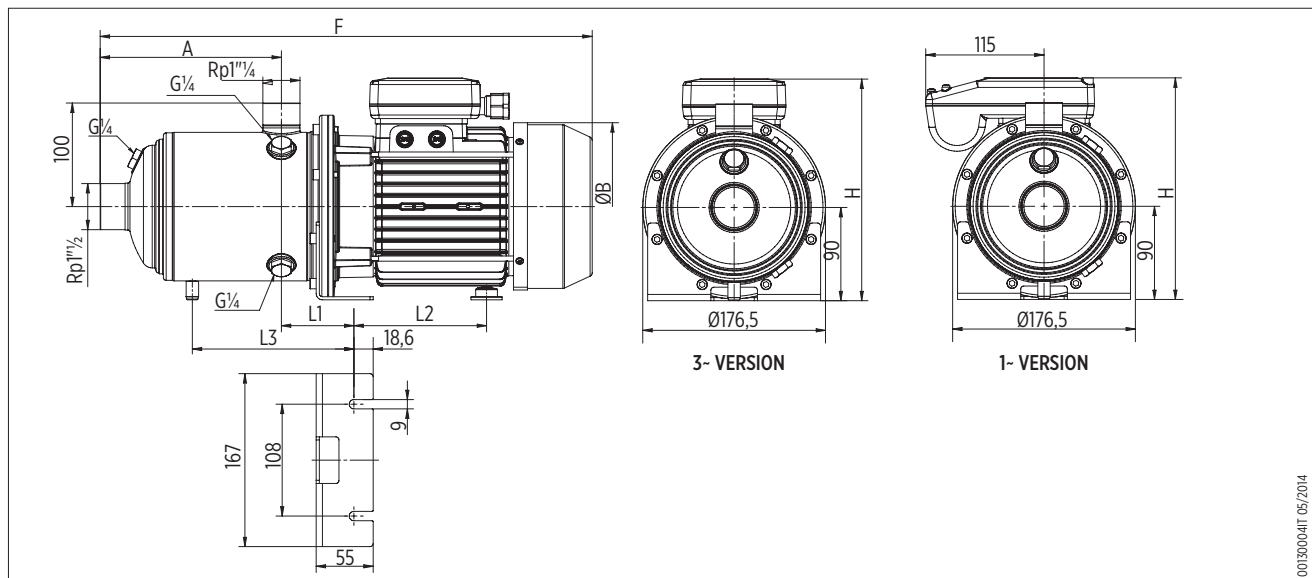
1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450 V [µf]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]				A	F	ØB	H	L1	L2		L3
EH 9/2	71	0.75	1	0.91	16	4.3	118	380	144	207	74	101	-	11.6
EH 9/3	71	1.1	1.5	1.35	30	6.3	118	380	144	207	74	101	-	13.2
EH 9/4	80	1.5	2	1.74	30	8.2	148	452	162	214	74	128	-	17
EH 9/5	90	2.2	3	2.51	60	11.1	178	527	179	221	74	172	-	23
EH 9/6	90	2.2	3	2.89	60	12.7	208	557	179	221	74	172	192	23.8

3 ~ ELECTRIC PUMP TECHNICAL DATA

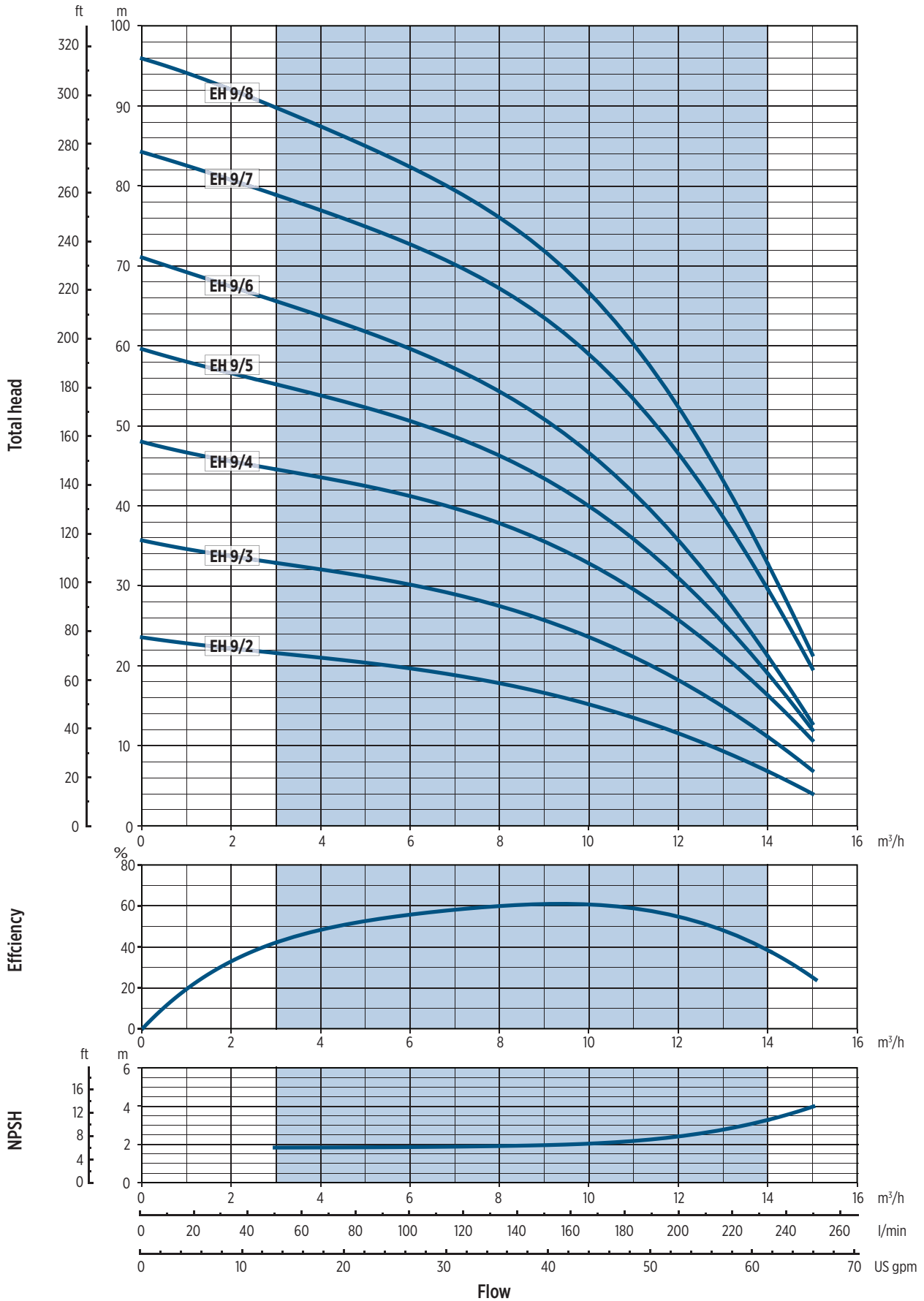
Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]		Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]		220-240 V	380-415 V	A	F	ØB	H	L1	L2		L3
EH 9/2T	71	0.75	1	0.87	2.7	1.6	118	382	144	207	74	101	-	11.2
EH 9/3T	71	1.1	1.5	1.24	3.8	2.2	118	382	144	207	74	101	-	12
EH 9/4T	80	1.5	2	1.70	5.5	3.2	148	449	162	214	74	128	-	15.8
EH 9/5T	90	2.2	3	2.20	7.1	4.1	178	526	179	221	74	172	-	21.8
EH 9/6T	90	2.2	3	2.61	8.2	4.7	208	556	179	221	74	172	192	22.4
EH 9/7T	90	3	4	3.08	9.5	5.5	238	621	179	221	74	172	222	26
EH 9/8T	90	3	4	3.49	10.4	6.0	268	651	179	221	74	172	252	26.6

DIMENSIONAL DRAWINGS



00130004IT 05/2014

EH 9 - PERFORMANCE CURVES AT 50 HZ



00120007 05/2017

EH 15 - TECHNICAL DATA

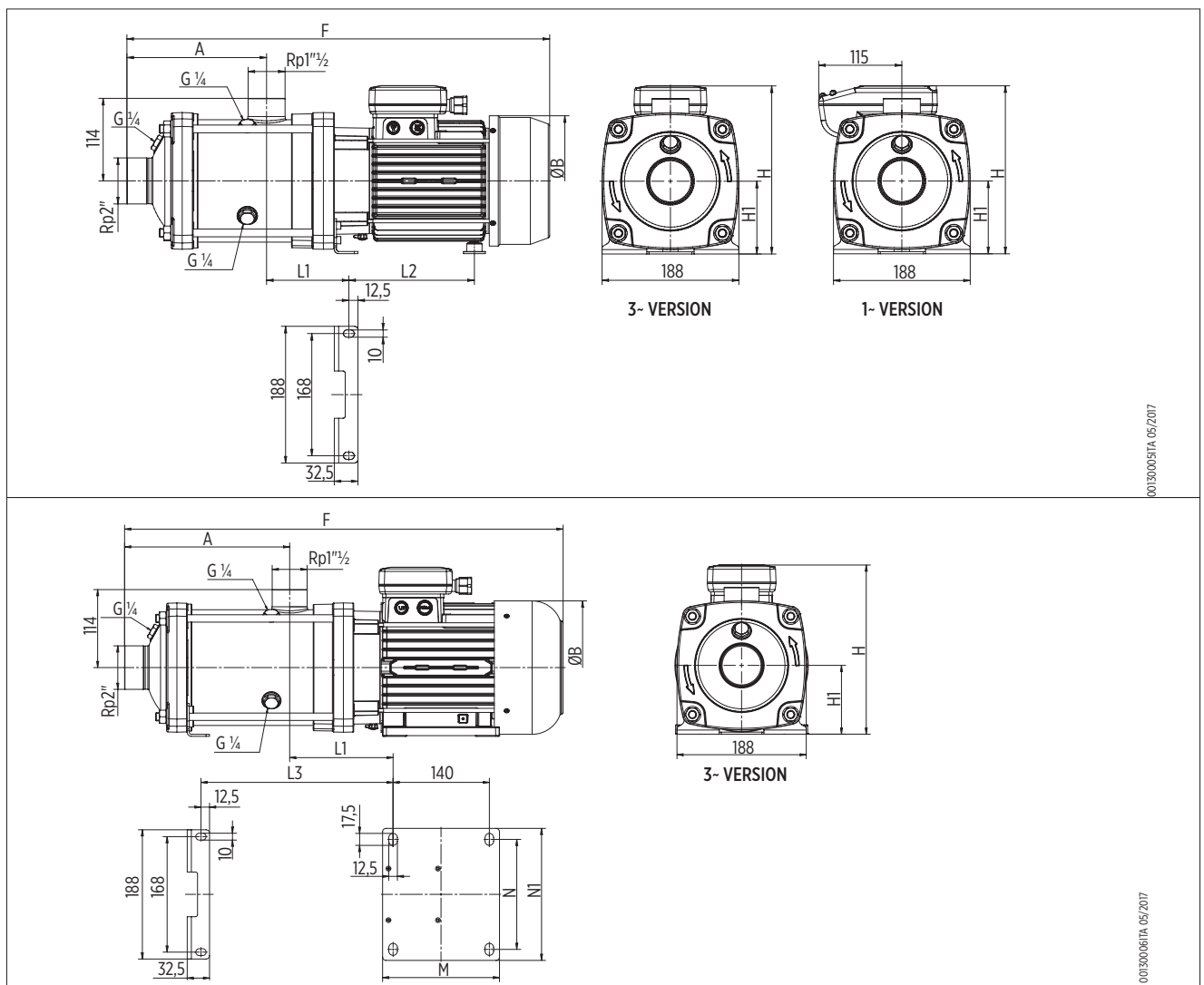
1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450 V [μ f]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]									Weight [Kg]		
		[kW]	[HP]				A	F	\varnothing B	H	H1	L124	L2	L3	M		N	NI
EH 15/2	80	1.5	2	1.63	30	7.7	144	488	162	224	100	113	129	-	-	-	-	20.2
EH 15/3	90	2.2	3	2.74	60	12.1	144	533	179	231	100	113	173	-	-	-	-	25.4

3 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]			Dimensions [mm]										Weight [Kg]	
		[kW]	[HP]		220-240 V	380-415 V	660-690 V	A	F	\varnothing B	H	H1	L1	L2	L3	M	N		NI
EH 15/2T	80	1.5	2	1.60	5.3	3.0	-	144	485	162	224	100	113	129	-	-	-	-	18.8
EH 15/3T	90	2.2	3	2.45	7.8	4.5	-	144	532	179	231	100	113	173	-	-	-	-	24.4
EH 15/4T	90	3	4	3.28	9.9	5.7	-	192	615	179	231	100	113	173	-	-	-	-	28.6
EH 15/5T	100	4	5.5	4.09	-	7.0	4.1	240	670	194	246	100	150	-	279	170	160	192	37
EH 15/6T	112	5.5	7.5	4.95	-	9.3	5.4	288	732	218	263	112	152	-	329	180	190	220	46.2
EH 15/7T	112	5.5	7.5	5.71	-	10.3	6.0	336	780	218	263	112	152	-	377	180	190	220	47.6

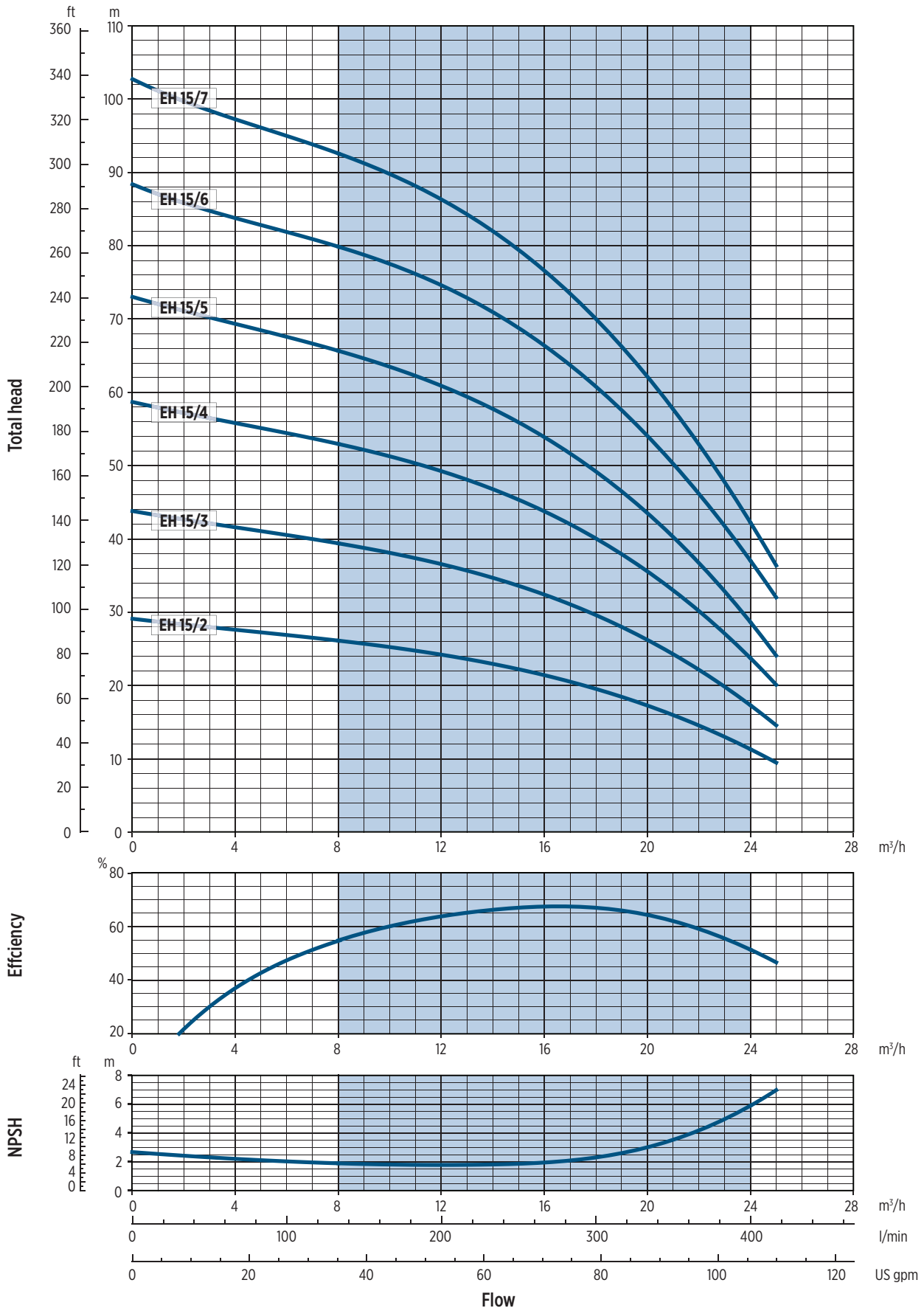
DIMENSIONAL DRAWINGS



001300051A 05/2017

001300061A 05/2017

EH 15 - PERFORMANCE CURVES AT 50 HZ



00120008 05/2017

EH 20 - TECHNICAL DATA

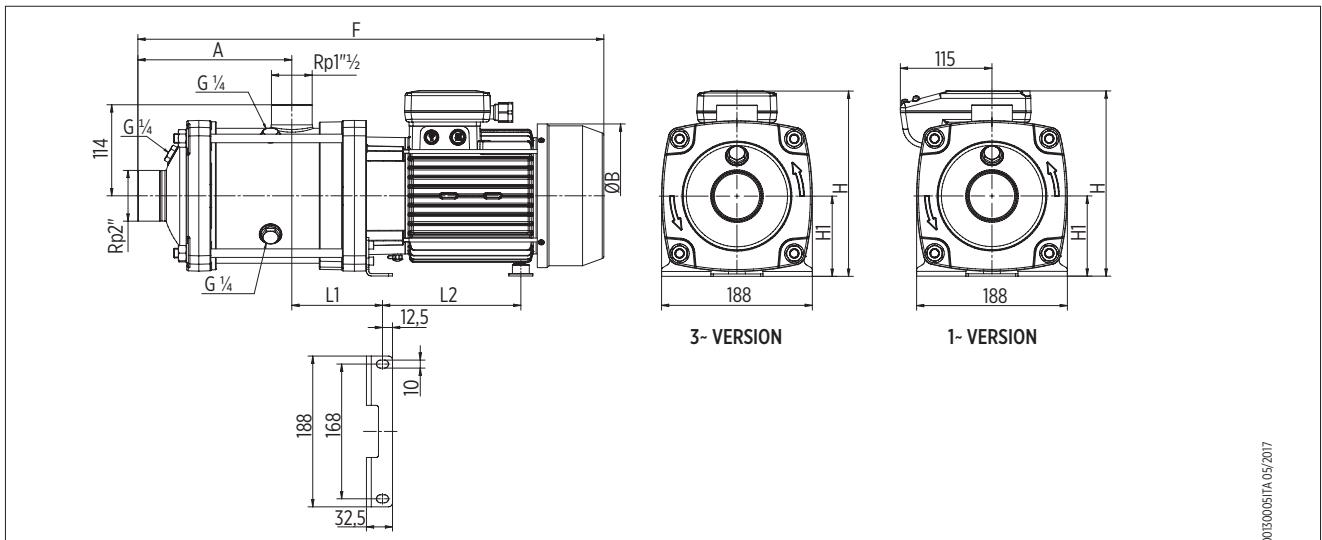
1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450 V [μf]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]										Weight [Kg]	
		[kW]	[HP]				A	F	ØB	H	H1	L126	L2	L3	M	N		NI
EH 20/2	90	2.2	3	2.59	60	11.4	144	533	179	231	100	113	173	-	-	-	-	25.2

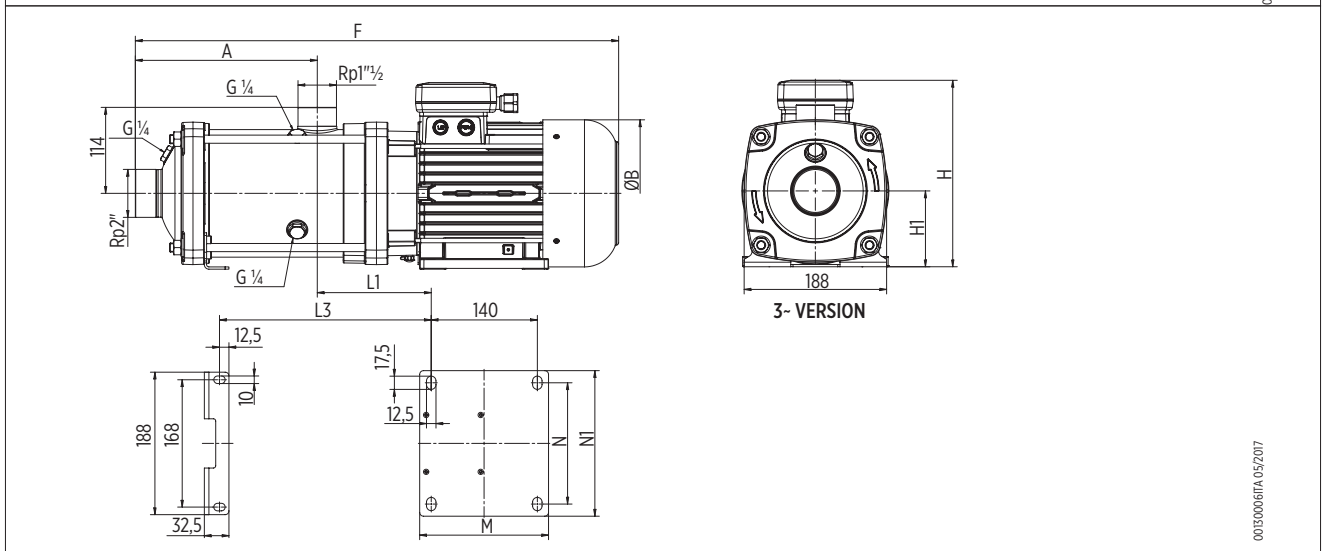
3 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]			Dimensions [mm]										Weight [Kg]	
		[kW]	[HP]		220-240 V	380-415 V	660-690 V	A	F	ØB	H	H1	L1	L2	L3	M	N		NI
EH 20/2T	90	2.2	3	2.29	7.4	4.3	-	144	532	179	231	100	113	173	-	-	-	-	24.2
EH 20/3T	90	3	4	3.43	10.3	5.9	-	144	567	179	231	100	113	173	-	-	-	-	27.2
EH 20/4T	100	4	5.5	4.53	-	7.7	4.4	192	622	194	246	100	150	-	231	170	160	192	35.8
EH 20/5T	112	5.5	7.5	5.69	-	10.3	6.0	240	684	218	263	112	152	-	281	180	190	220	45

DIMENSIONAL DRAWINGS

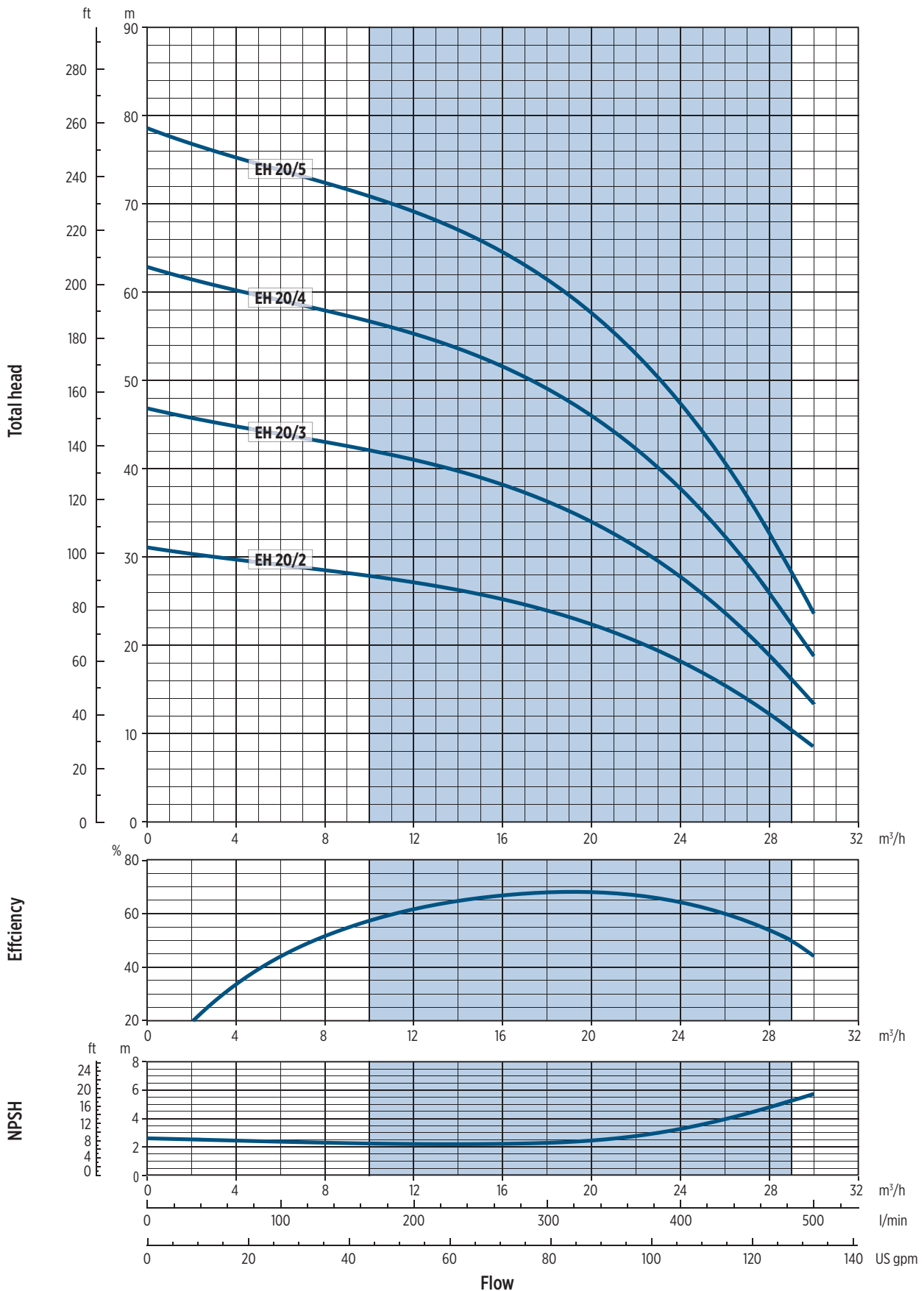


001300051A.05/2017



001300061A.05/2017

EH 20 - PERFORMANCE CURVES AT 50 HZ



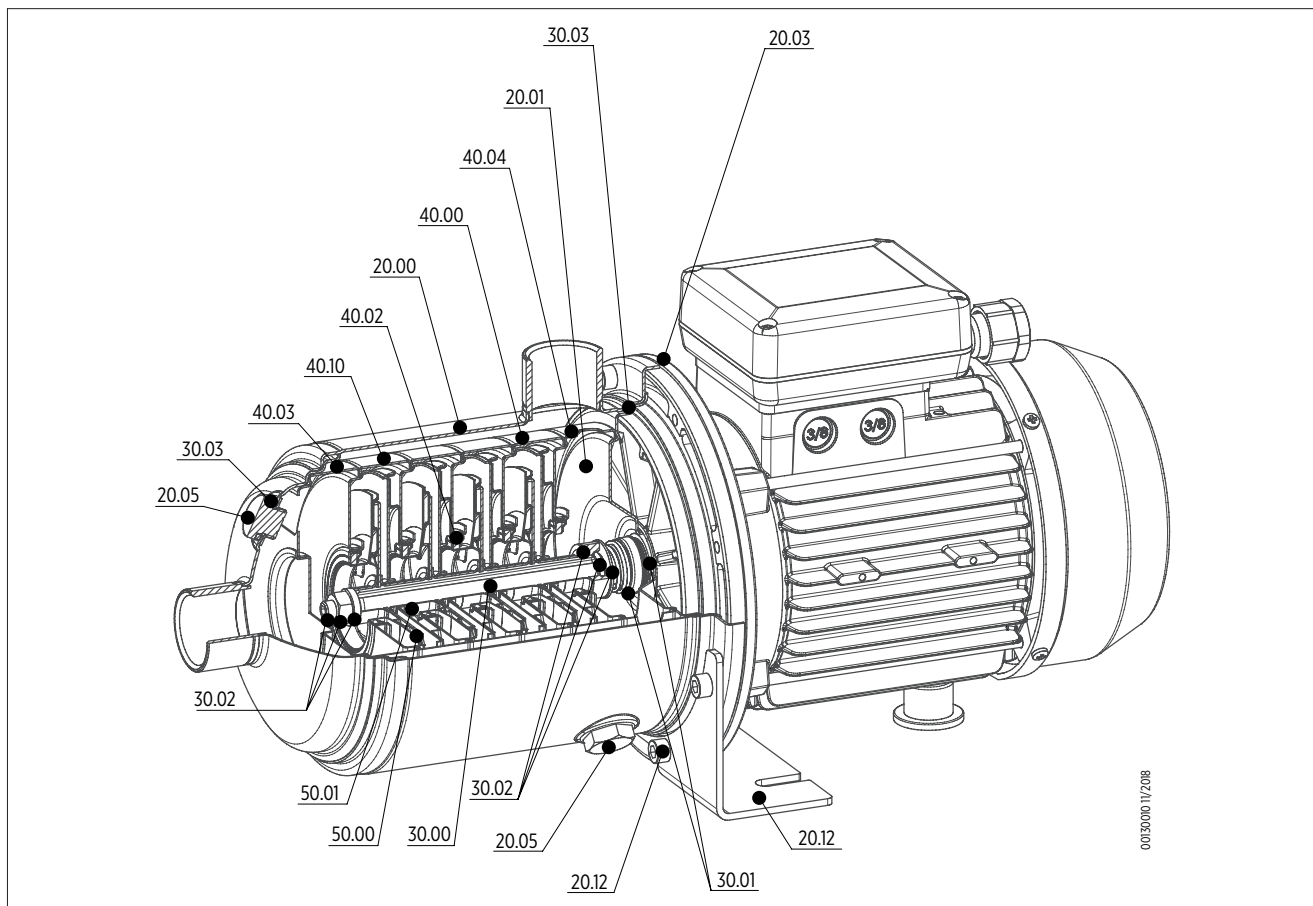


EHsp Series
Horizontal self-priming pumps
3-5
50 Hz



SPARE PARTS AND MATERIALS

EHsp 3-5



0019010 11/2016

PARTS IN CONTACT WITH LIQUID

Ref. No.	Part description	Material	Standard	
			ASTM/AISI	DIN/EN
20.00	Outer case	Stainless steel	AISI 304	14.301
20.01	Mechanical seal housing	Stainless steel	AISI 304	14.301
20.05	Filling plug	Stainless steel	AISI 304	14.301
30.00	Pump shaft	Stainless steel	AISI 304	14.301
30.01	Mechanical seal	Carbon graphite / Ceramic alumina/ EPDM		
30.02	Mechanical seal fastening kit	Stainless steel	AISI 304	14.301
30.03	Kit O-rings	EPDM		
40.00	Stage housing and diffuser	Stainless steel	AISI 304	14.301
40.02	Floating neck ring	Stainless steel and PPS	AISI 304	14.301
40.03	Initial stage housing	Stainless steel	AISI 304	14.301
40.04	Last Stage with diffuser	Stainless steel	AISI 304	14.301
40.10	Stage housing with priming valve	Stainless steel	AISI 301/304	1.4310/1.4301
50.00	Impeller	Stainless steel	AISI 304	14.301
50.01	Impeller spacer	Stainless steel	AISI 304	14.301

SPARE PARTS LIST

Ref. No.	Part description
20.00	Outer case
20.01	Mechanical seal housing
20.03	Motor bracket
20.05	Filling plug
20.12	Support foot and screws
30.00	Pump shaft
30.01	Kit mechanical seal
30.02	Mechanical seal fastening kit

Ref. No.	Part description
30.03	Kit O-rings
40.00	Stage housing and diffuser
40.02	Floating neck ring
40.03	Initial stage housing
40.04	Last Stage with diffuser
40.10	Stage housing with priming valve
50.00	Impeller
50.01	Impeller spacer

TECHNICAL DATA AND PERFORMANCE CURVES AT 50 HZ

HYDRAULIC PERFORMANCE AT 50 HZ

Pump model	Q = DELIVERY													
	l/min 0	16.7	25.0	33.3	41.7	50.0	58.3	66.7	75.0	83.3	91.7	100.0	116.7	133.3
	m ³ /h 0	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0
	gpm 0	4.4	6.6	8.8	11.0	13.2	15.4	17.6	19.8	22.0	24.2	26.4	30.8	35.2
H = TOTAL METERS HEAD OF WATER COLUMN [m]														
EHsp 3/4	43.4		38.1	35.3	32.0	28.4	24.5	20.0	14.9					
EHsp 3/5	53.7		46.5	42.8	38.7	34.0	29.1	23.5	17.2					
EHsp 5/4	44.9			41.9	40.7	39.4	37.9	36.2	34.4	32.3	30.0	27.2	20.3	
EHsp 5/5	55.7			51.6	50.0	48.3	46.3	44.1	41.8	39.1	36.2	32.6	24.0	
EHsp 3/4 T	43.7		38.3	35.5	32.3	28.7	24.8	20.3	15.3					
EHsp 3/5 T	54.0		46.9	43.3	39.2	34.7	29.8	24.2	17.9					
EHsp 5/4 T	44.7			41.4	40.2	38.8	37.3	35.6	33.7	31.6	29.3	26.5	19.6	
EHsp 5/5 T	55.4			50.9	49.2	47.4	45.4	43.2	40.8	38.1	35.2	31.6	22.9	

EHsp 3 - TECHNICAL DATA

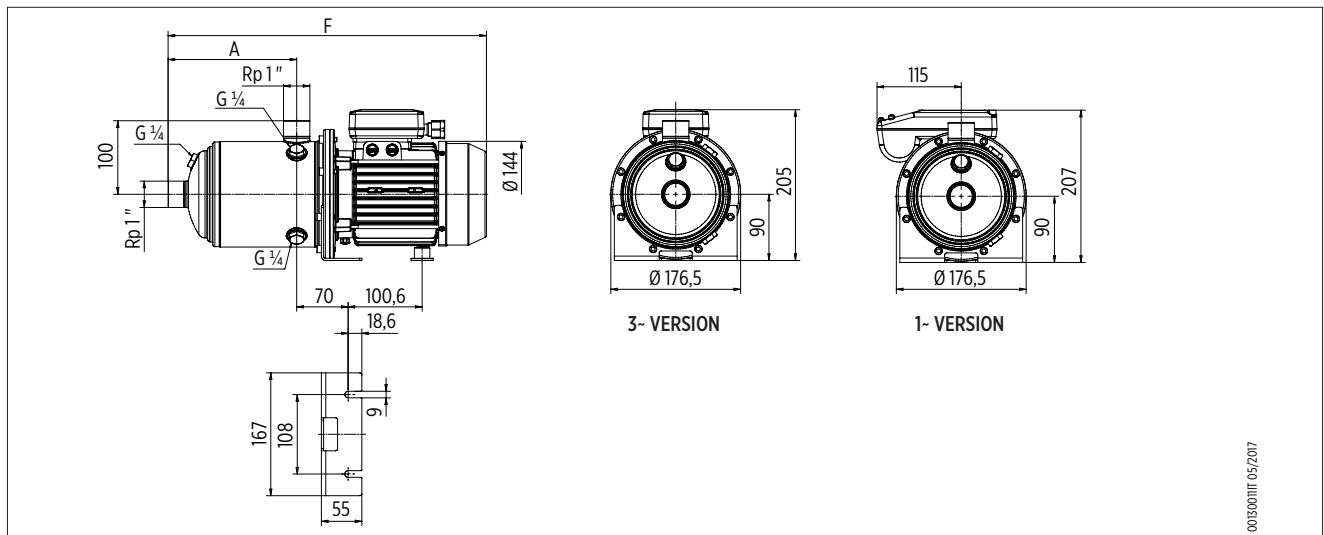
1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450 V [µf]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]		Weight [Kg]
		[kW]	[HP]				A	F	
EHsp 3/4	71	0,55	0,75	0,79	16,0	3,8	175	435	12,6
EHsp 3/5	71	0,75	1	0,95	16,0	4,5	199	459	13,2

3 ~ ELECTRIC PUMP TECHNICAL DATA

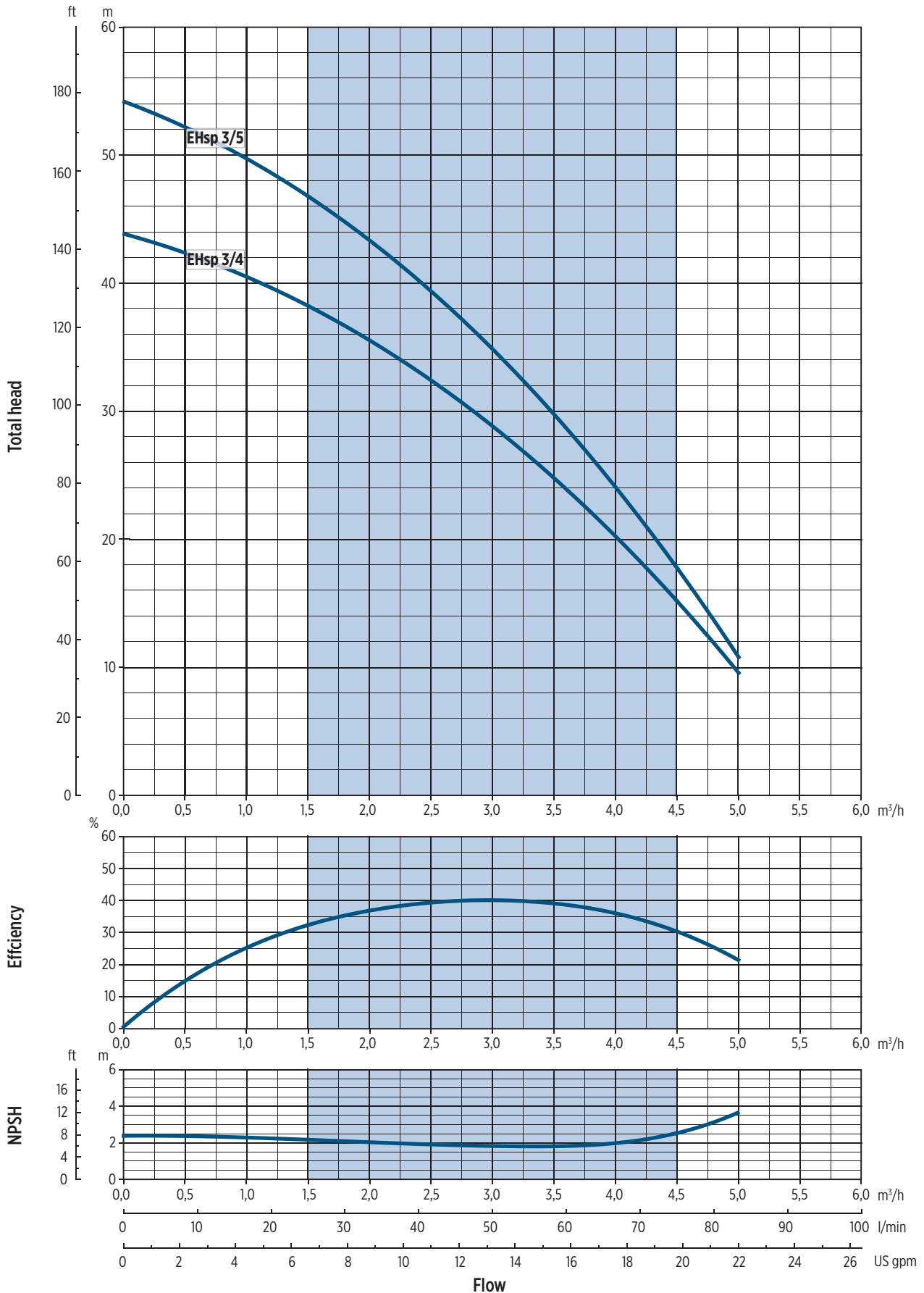
Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]		Dimensions [mm]		Weight [Kg]
		[kW]	[HP]		220-240 V	380-415 V	A	F	
EHsp 3/4T	71	0,75	1	0,75	2,4	1,4	175	435	12,2
EHsp 3/5T	71	0,75	1	0,91	2,8	1,6	199	459	12,8

DIMENSIONAL DRAWINGS



0016300111 05/2017

EHsp 3 - PERFORMANCE CURVES AT 50 HZ



002000105/2017

EHsp 5 - TECHNICAL DATA

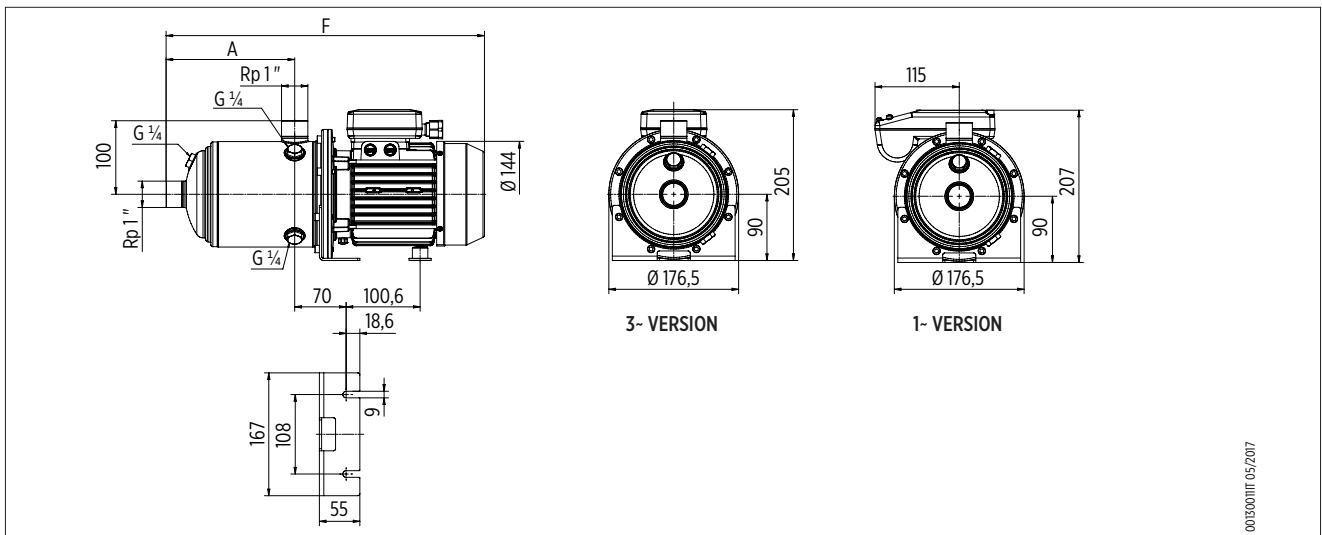
1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450 V [µf]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]		Weight [Kg]
		[kW]	[HP]				A	F	
EHsp 5/4	71	0,9	1,2	1,10	30	5,3	175	435	14
EHsp 5/5	71	1,1	1,5	1,31	30	6,1	199	459	14,6

3 ~ ELECTRIC PUMP TECHNICAL DATA

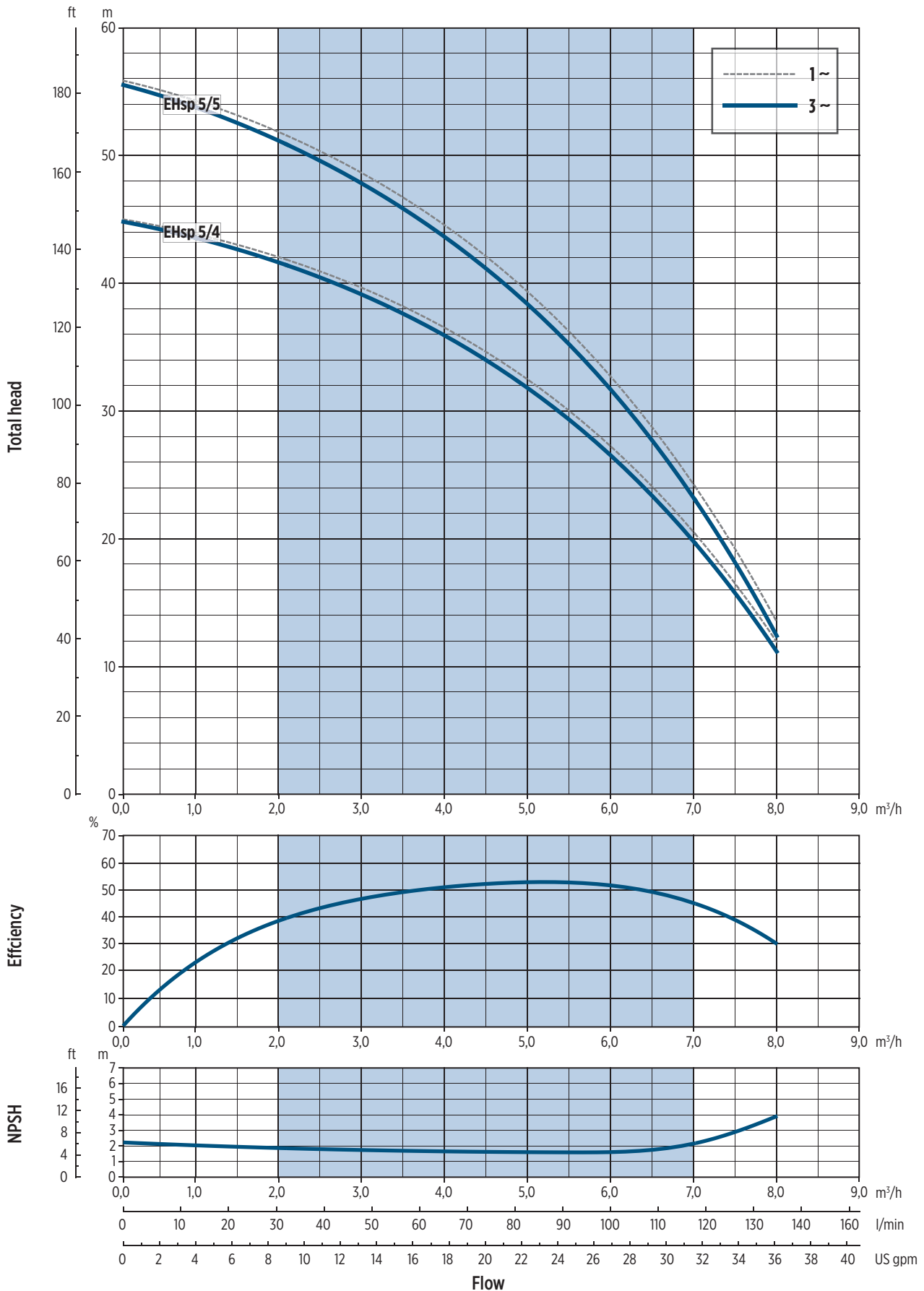
Pump model	MOTOR SIZE	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]		Dimensions [mm]		Weight [Kg]
		[kW]	[HP]		220-240 V	380-415 V	A	F	
EHsp 5/4T	71	1,1	1,5	0,99	3,2	1,9	175	435	12,8
EHsp 5/5T	71	1,1	1,5	1,20	3,7	2,1	199	459	13,4

DIMENSIONAL DRAWINGS



0016301111 05/2017

EHsp 5 - PERFORMANCE CURVES AT 50 HZ



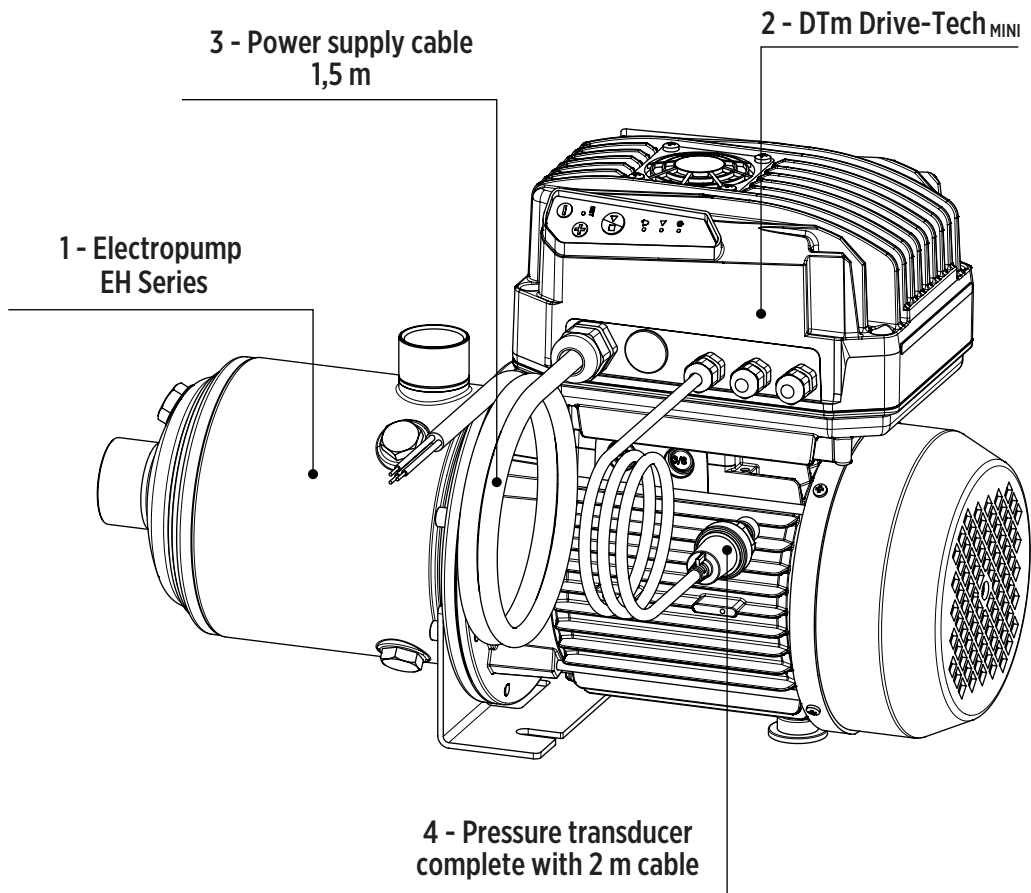
002000 05/2017



EH DTm Series
Horizontal multistage pumps Drive-Tech_{MINI}
3-5-9
50-60 Hz



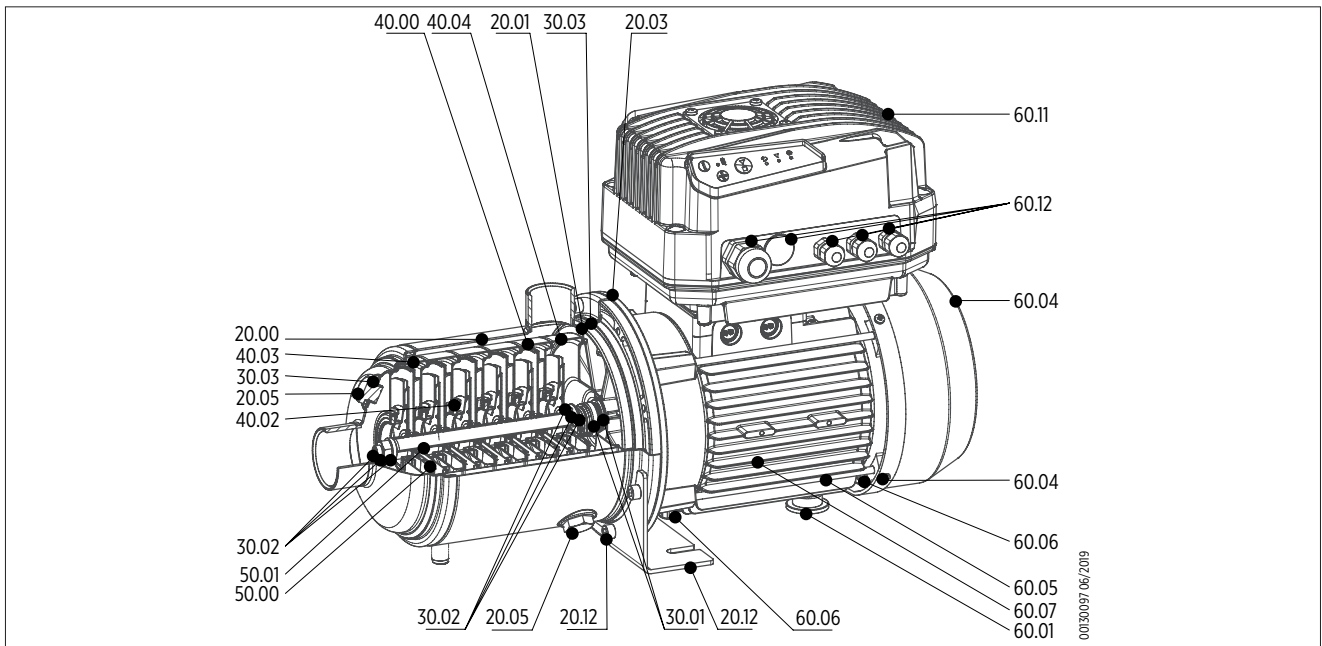
EH DTm - PACKAGE SYSTEM AND MAIN COMPONENTS INCLUDED



00130087/07/2021

SPARE PARTS AND MATERIALS

EH DTm 3-5-9



PARTS IN CONTACT WITH LIQUID

Ref. No.	Part description	Material	Standard	
			ASTM/AISI	DIN/EN
20.00	Outer case	Stainless steel	AISI 304	14.301
20.01	Mechanical seal housing	Stainless steel	AISI 304	14.301
20.05	Filling plug	Stainless steel	AISI 304	14.301
30.00	Pump shaft	Stainless steel	AISI 304	14.301
30.01	Kit mechanical seal	Ceramic alumina / Carbon graphite / EPDM		
30.02	Mechanical seal fastening kit	Stainless steel	AISI 304	14.301
30.03	Kit O-rings	EPDM		
40.00	Stage housing and diffuser	Stainless steel	AISI 304	14.301
40.02	Floating neck ring	Stainless steel and PPS	AISI 304	14.301
40.03	Initial stage housing	Stainless steel	AISI 304	14.301
40.04	Last Stage with diffuser	Stainless steel	AISI 304	14.301
50.00	Impeller	Stainless steel	AISI 304	14.301
50.01	Impeller spacer	Stainless steel	AISI 304	14.301

SPARE PARTS LIST

Ref. No.	Part description
20.00	Outer case
20.01	Mechanical seal housing
20.03	Motor bracket
20.05	Filling plug
20.06	Kit bearings
20.12	Support foot and screws
30.00	Pump shaft
30.01	Kit mechanical seal

Ref. No.	Part description
30.02	Mechanical seal fastening kit
30.03	Kit O-rings
40.00	Stage housing and diffuser
40.02	Floating neck ring
40.03	Initial stage housing
40.04	Last Stage with diffuser
50.00	Impeller
50.01	Impeller spacer

DRIVE-TECH MINI INVERTER FOR EH DTm PUMPS

APPLICATIONS

- Booster sets
- HVAC systems with electric circulation pumps
- Control of electric pumps (when installed on the wall)

FEATURES

- Energy saving thanks to variable speed control
- Smooth start-up and stop
- Longer system life and greater system reliability
- Simplified installation on the motor or on the wall
- Quick commissioning through guided initial configuration
- Installation possible in damp and dusty environments due to IP55 degree protection
- High thermal and mechanical performance due to all-aluminium casing and independent ventilation



SPECIFICATIONS

- **Advanced user experience due to:**
 - Programming and monitoring via smartphone and FE Connect, available for Android, iOS devices
 - Remote control using a smartphone placed nearby as a modem
 - Copy / pasting pre-imposed programmes between different devices
 - Ability to send reports via email
 - Multilingual support
- **Multiple control methods:**
 - Constant pressure control
 - Constant or proportional differential pressure control
 - Constant temperature control
 - Constant differential temperature control
 - Constant flow control
 - Control with external frequency signal or pre-set at 1 or 2 values
- **Integrated protections against:**
 - Overvoltage and undervoltage
 - Overcurrent and no load
 - Dry running
 - Overheating
 - EMC compatibility for home environment:
 - Integrated PFC (P.F. 1) to comply with EN61000-3-2
 - Integrated filter for Category C1 (EN61800-3), Class B (EN55011)
- **Group operation (COMBO):**
 - Up to 8 connected units
 - Alternating operation to equalise electric pump wear
 - Master or slave switching in case of failure of one unit, to guarantee the continued operation of the set
- **Advanced motor controls:**
 - Control of new generation asynchronous motors
 - Sensorless control of synchronous permanent magnet motors
- **Inputs and outputs:**
 - 2 programmable digital inputs for motor start and stop
 - Modbus RTU serial port
 - 2 relay outputs for alarm and motor status signalling
 - 2 4-20 mA analogue inputs
 - 2 0-10 V analogue inputs

SYSTEM PERFORMANCE

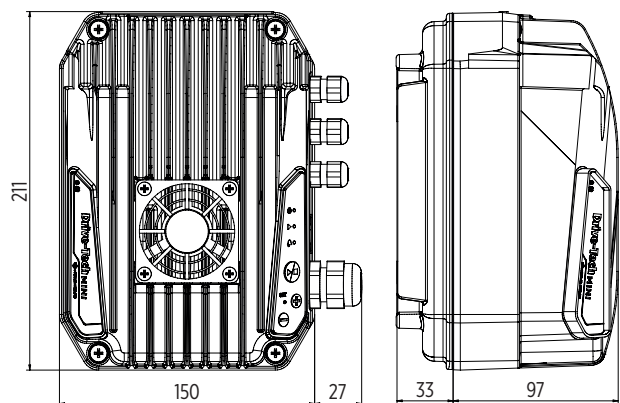
- Line-side power factor: 1
- Mains supply frequency: 50-60 Hz ($\pm 2\%$)
- Storage temperature: from -30°C to $+70^{\circ}\text{C}$
- Minimum ambient working temperature at nominal load: -10°C
- Maximum working temperature at nominal load: $+40^{\circ}\text{C}$
- Maximum altitude at nominal load: 1000 metres above sea level
- Relative humidity: max 95% (without condensation)
- Degree of protection: IP55 (NEMA 4) or degree of motor protection if mounted on the motor (protect the device from direct exposure to sunlight and atmospheric influences)
- Connectivity: RS 485 serial port for COMBO operation (up to 8 units) + SMART Bluetooth communication + RS485 serial port for MODBUS RTU communication

TRANSDUCER SPECIFICATIONS

- Nominal output signal (protected against short circuits): $4 \div 20$ mA
- Power supply voltage [U_B], antipolarity protection: $9 \div 28$ V
- Sensor temperature range: $0^{\circ}\text{C} \div +80^{\circ}\text{C}$
- Ambient temperature range (depending on electrical connection): $-20^{\circ}\text{C} \div +80^{\circ}\text{C}$
- Shielded cable: 2 m
- Degree of protection achieved by coupling with the connector: IP67

DIMENSIONAL DATA

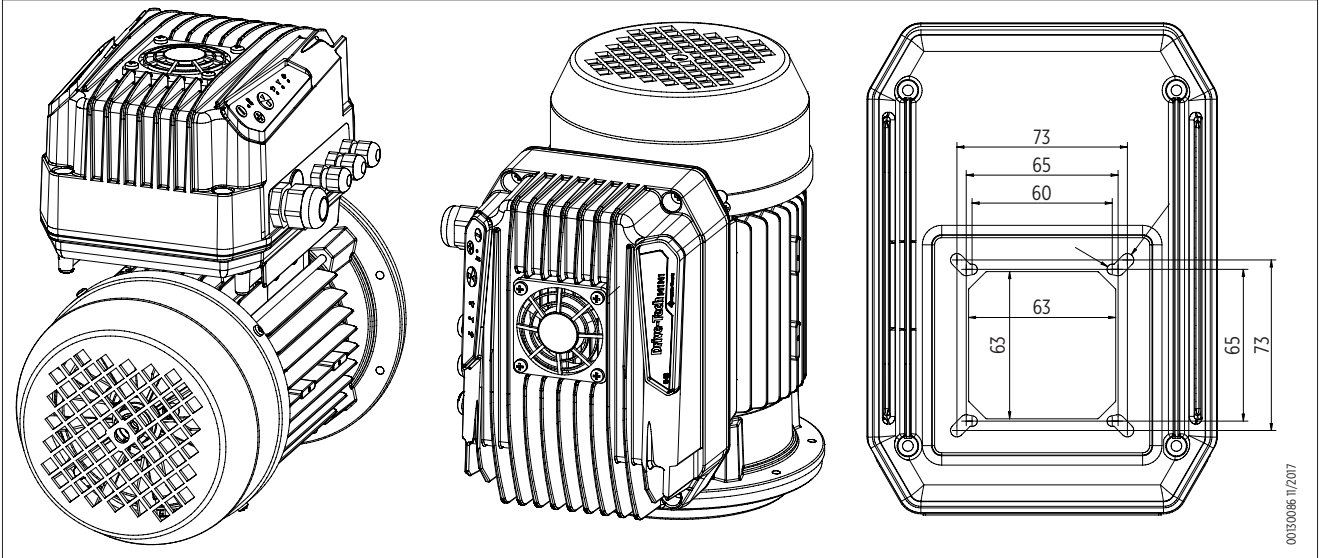
Model	Vin [Vac] $\pm 15\%$	Max Vout [V]	Max I input [A]	Max I out [A]	Typical motor power P ₂ [kW]
DTm 2.005 M/T 3 A	1 x 230	3 x 230	4.5	3	0.55
DTm 2.011 M/T 5 A	1 x 230	3 x 230	7.5	5	1.1
DTm 2.015 M/T 7,5 A	1 x 230	3 x 230	11	7.5	1.5
DTm 4.011 T/T 4 A *	3 x 400	3 x 400	3.7	4	1.1
DTm 4.022 T/T 6 A *	3 x 400	3 x 400	5.4	6	2.2



0050085 11/2017

* T/T versions with DTm type 4.0 available on request

INSTALLATION DRAWING



Can be installed directly on board the motor instead of the electric pump terminal box cover with horizontal or vertical axis.

TECHNICAL DATA AND PERFORMANCE CURVES (MOTOR FREQUENCY 60 HZ)

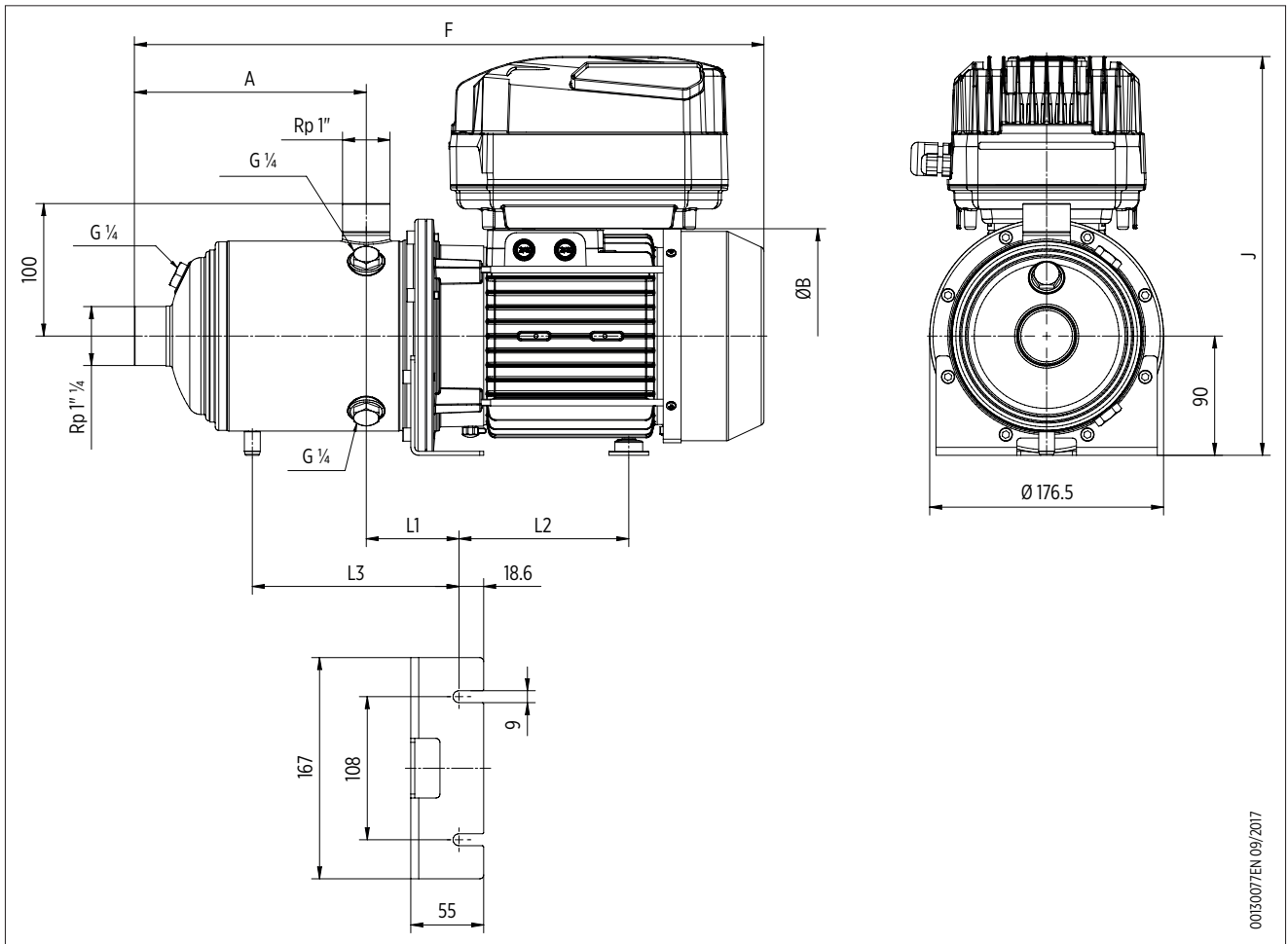
HYDRAULIC PERFORMANCE

Pump model	Q = DELIVERY																			
	l/min 0	25.0	33.0	42.0	50.0	58.0	67.0	75.0	83.0	92.0	100.0	117.0	133.0	141.7	167.0	200.0	233.0	267.0	283.3	300.0
	m³/h 0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0	8.5	10.0	12.0	14.0	16.0	17.0	18.0
	gpm 0	6.6	8.8	11.0	13.2	15.4	17.6	19.8	22.0	24.2	26.4	30.8	35.2	37.5	44.0	52.8	61.6	70.4	74.8	79.3
H = TOTAL METERS HEAD OF WATER COLUMN [m]																				
EH DTm 3/3T6	47.5		40.8	38.3	35.5	32.6	29.4	26	22.4	18.3	13.7									
EH DTm 3/4T6	63.6		54.8	51.5	47.8	43.9	39.7	35.1	30.3	24.9	18.7									
EH DTm 3/5T6	80.5		70.2	66.2	61.7	56.8	51.6	45.9	39.8	33.1	25.4									
EH DTm 3/7T6	112.9		98.9	93.3	87	80.2	72.9	64.9	56.4	47.1	36.2									
EH DTm 5/3T6	50.4			46	44.9	43.8	42.6	41.3	39.8	38.2	36.3	32.1	26.7	23.6						
EH DTm 5/4T6	67.8			62.4	60.9	59.5	58	56.3	54.5	52.4	50	44.4	37.3	33.2						
EH DTm 5/5T6	85.2			78.7	76.9	75.3	73.5	71.4	69.1	66.6	63.6	56.7	47.9	42.7						
EH DTm 9/3T6	52.4										46.3	45.1	44	43.3	41.1	36.9	30.5	22.4	17.5	

EH DTm 3 - TECHNICAL DATA

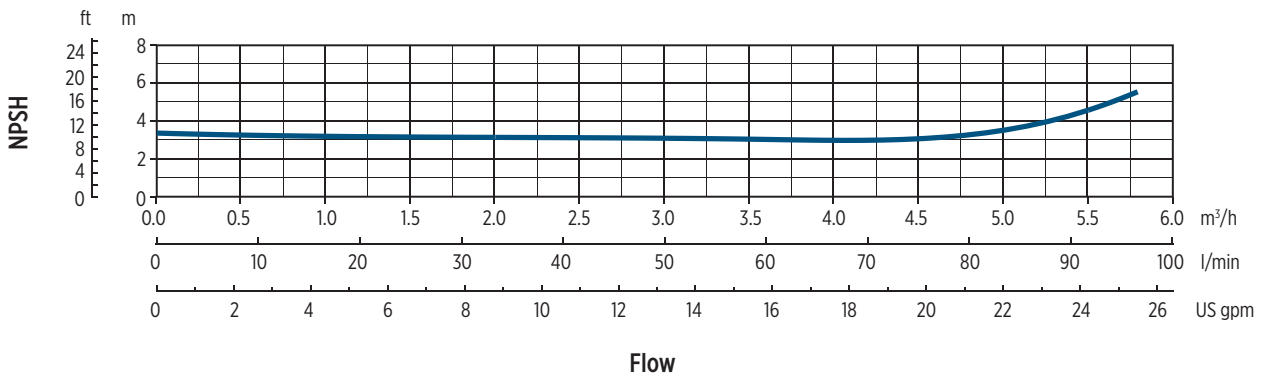
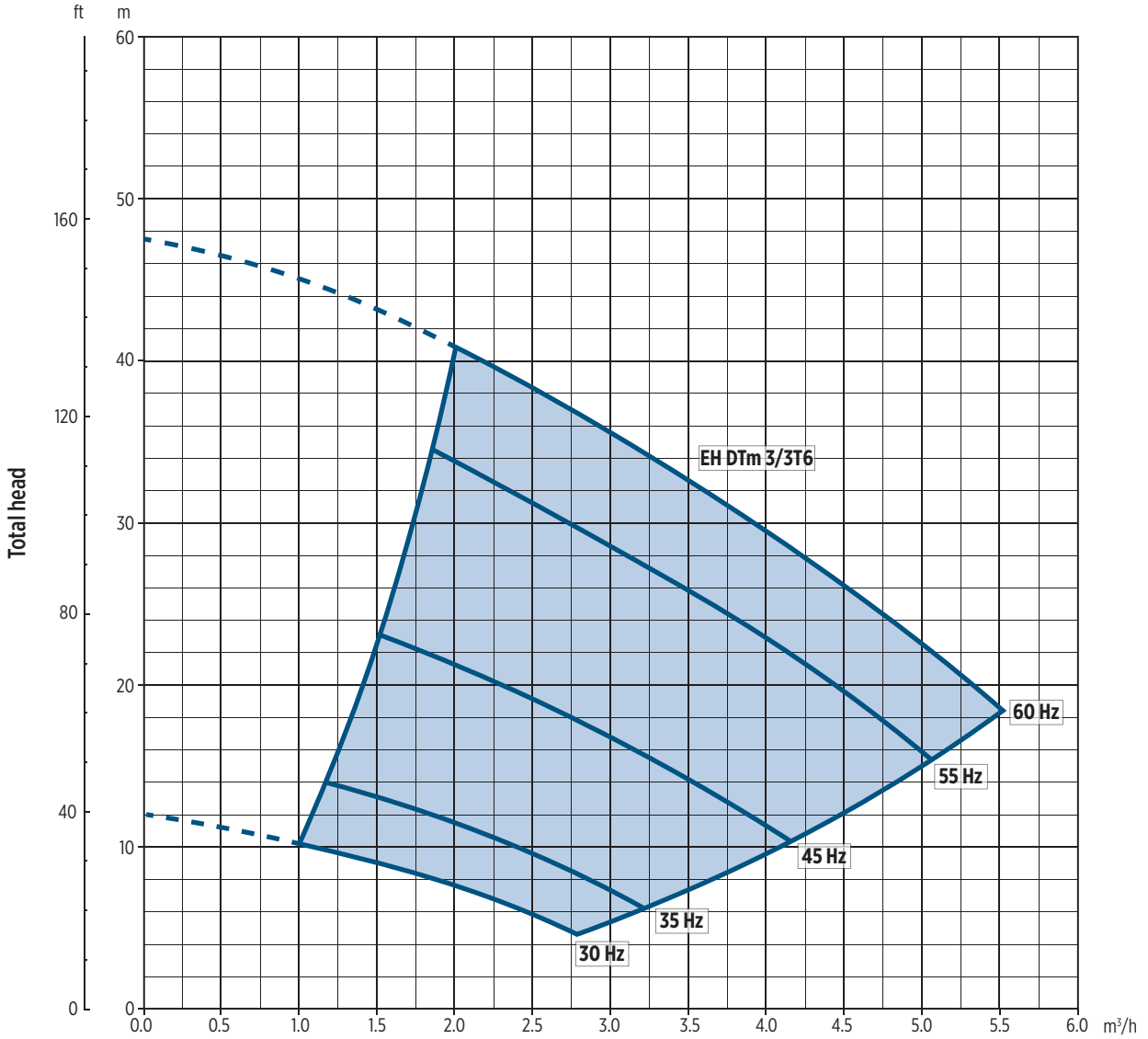
System model	Motor size	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A] 220-230 V	Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]			A	F	ØB	J	L1	L2		L3
EH DTm 3/3T6	71	0.75	1	1.05	4.5	103	363	144	294	70	101	-	13.4
EH DTm 3/4T6	71	1.1	1.5	1.39	7.5	127	387	144	294	70	101	-	14.6
EH DTm 3/5T6	80	1.5	2	1.78	7.5	151	448	162	301	70	128	-	18.4
EH DTm 3/7T6	90	2.2	2.7	2.47	11.0	199	543	179	308	70	172	180	24.8

DIMENSIONAL DRAWINGS



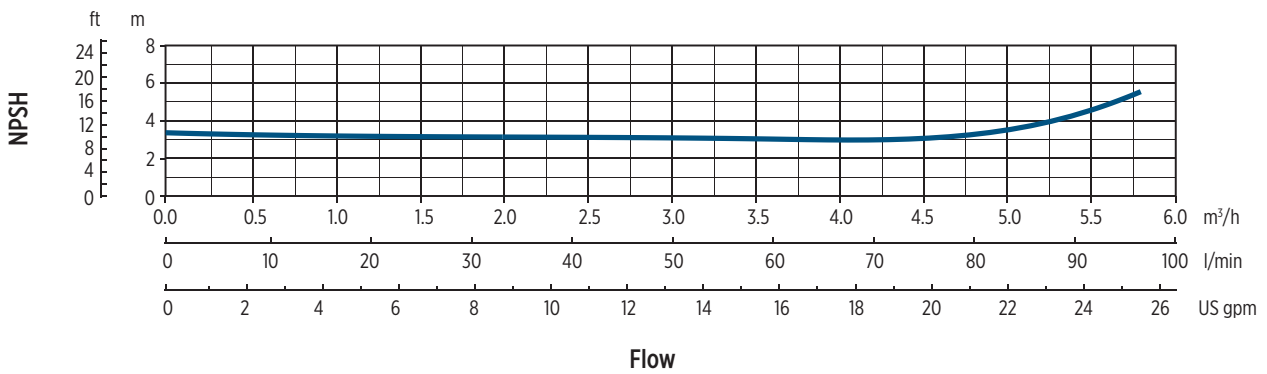
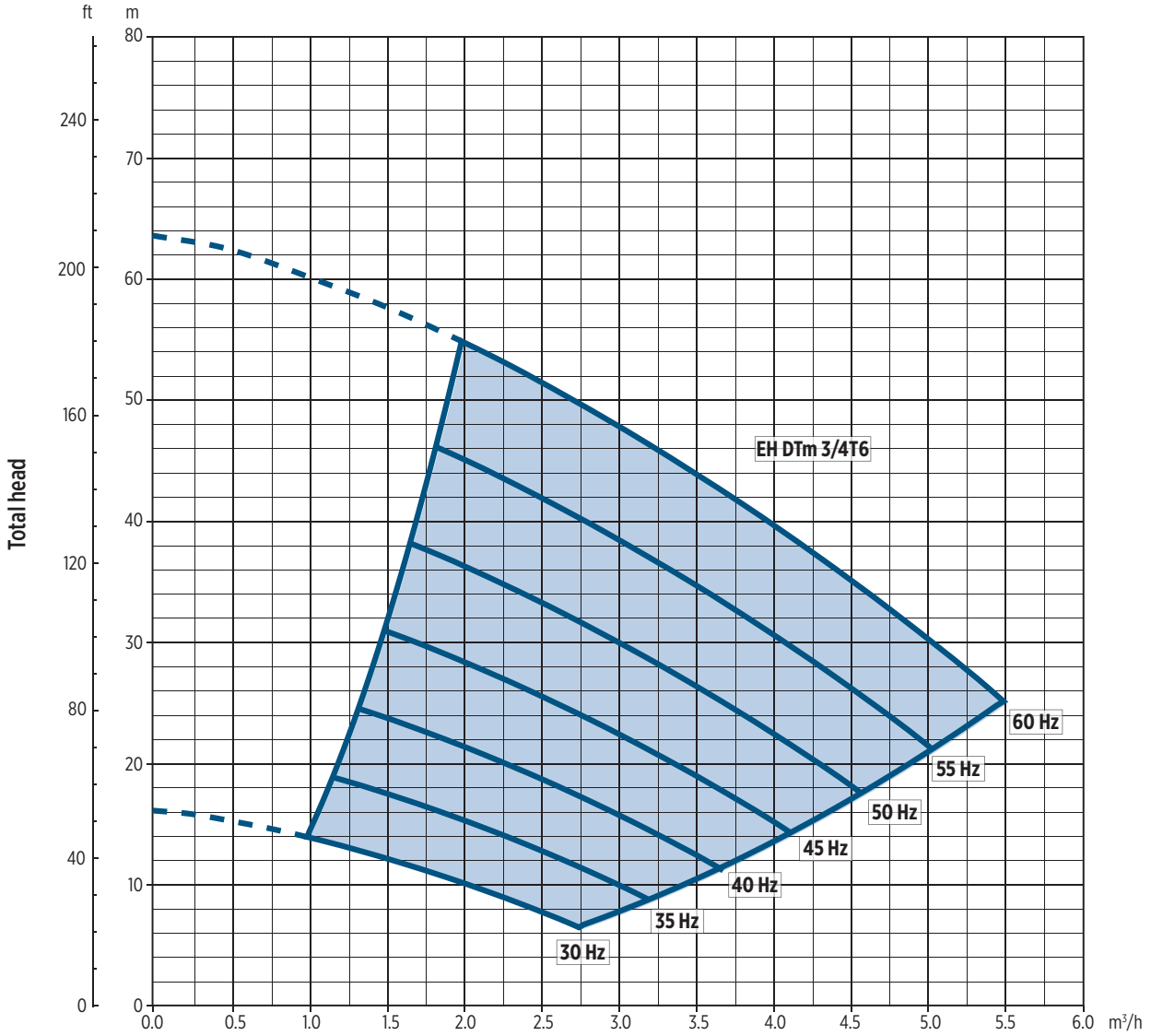
0013007EN 09/2017

EH DTm 3/3T6 - PERFORMANCE CURVES



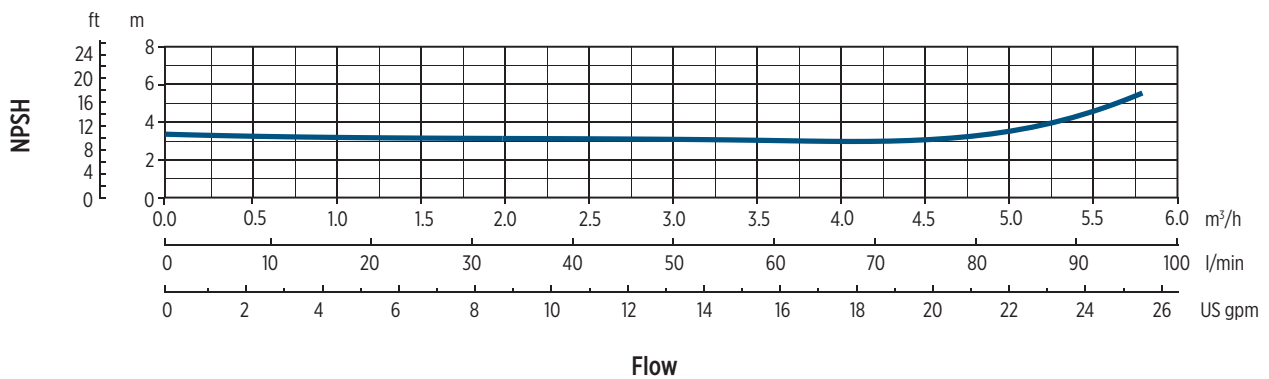
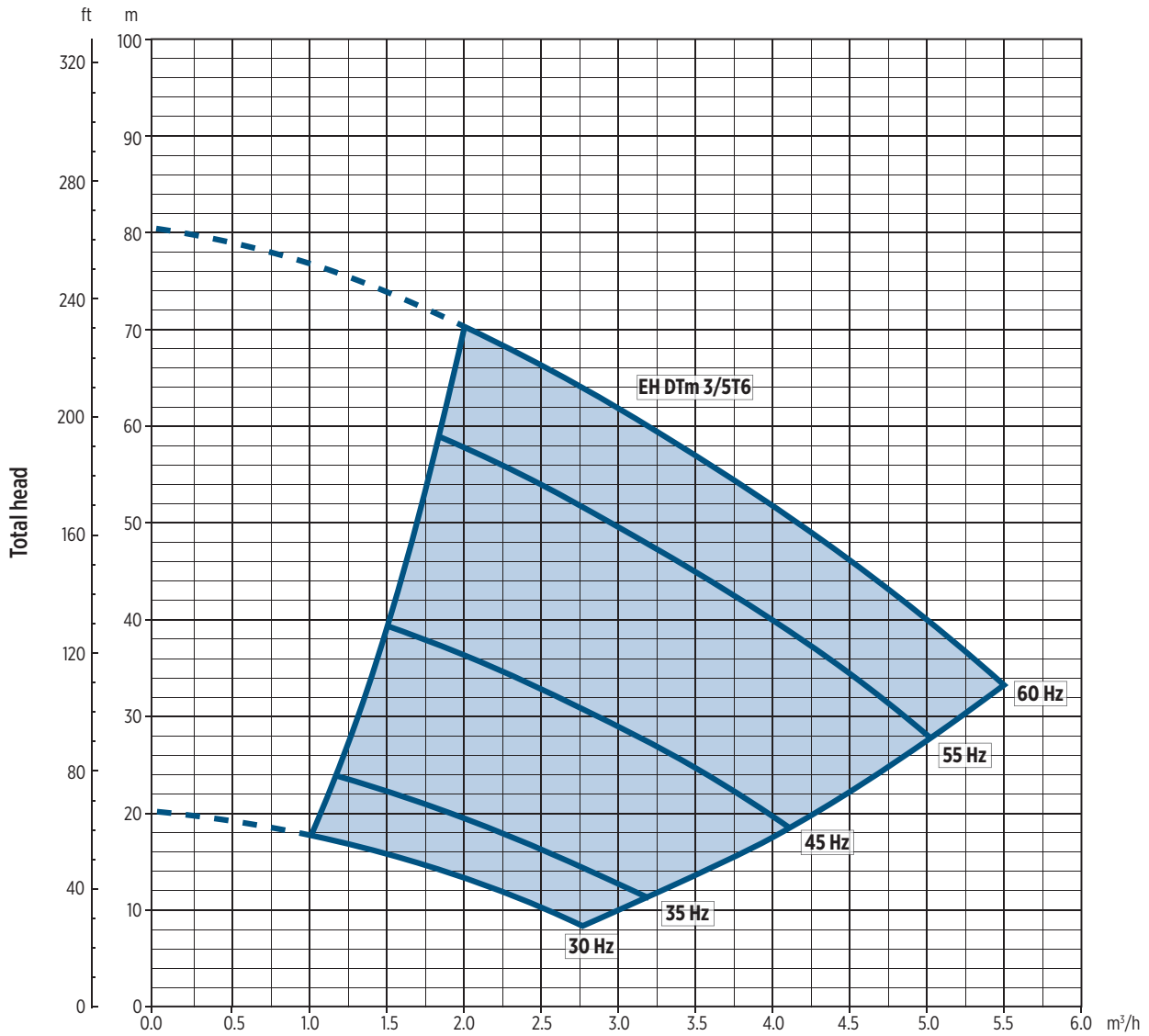
00120095EN 09/2017

EH DTm 3/4T6 - PERFORMANCE CURVES



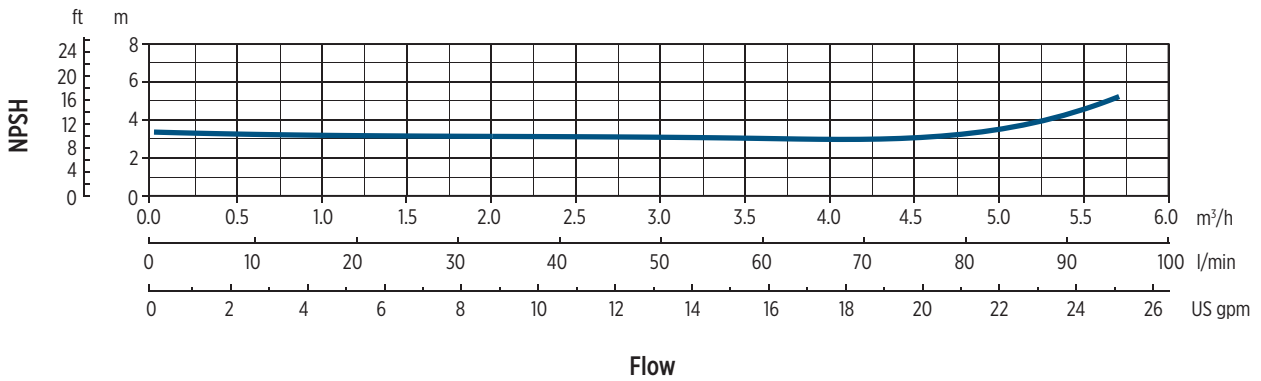
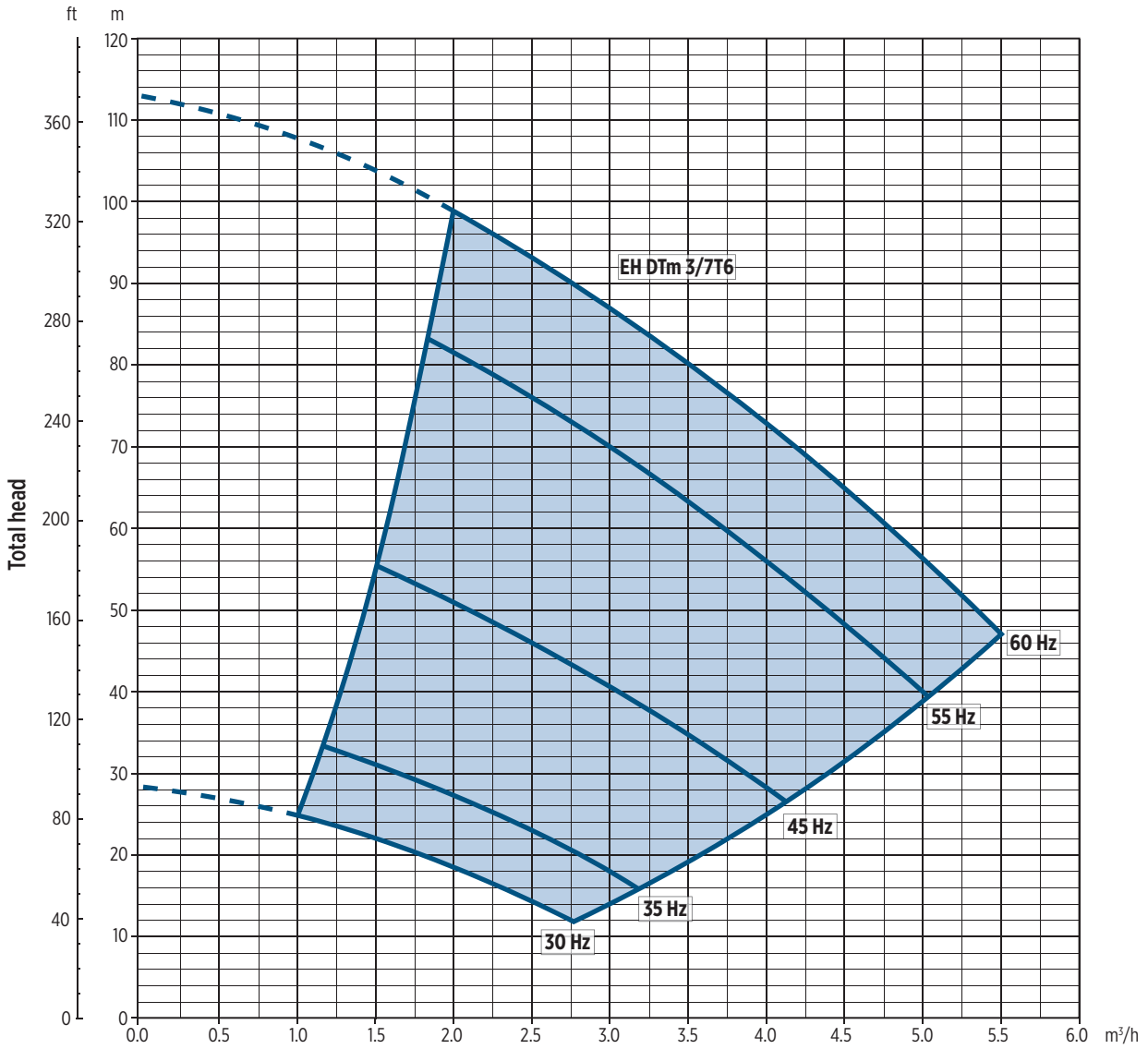
0072035.06/201

EH DTm 3/5T6 - PERFORMANCE CURVES



00120096EN 09/2017

EH DTm 3/7T6 - PERFORMANCE CURVES

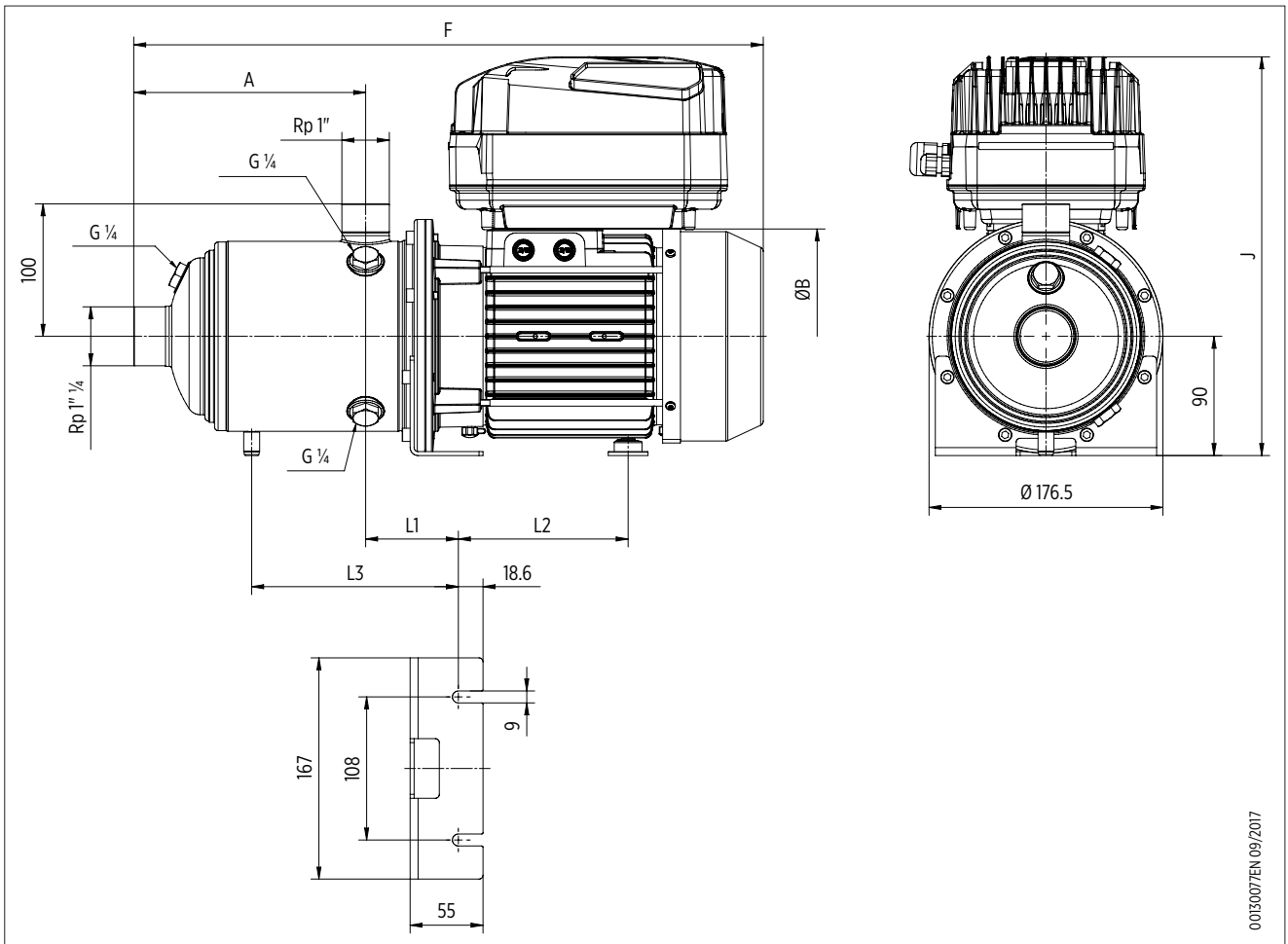


002007EN/09/2017

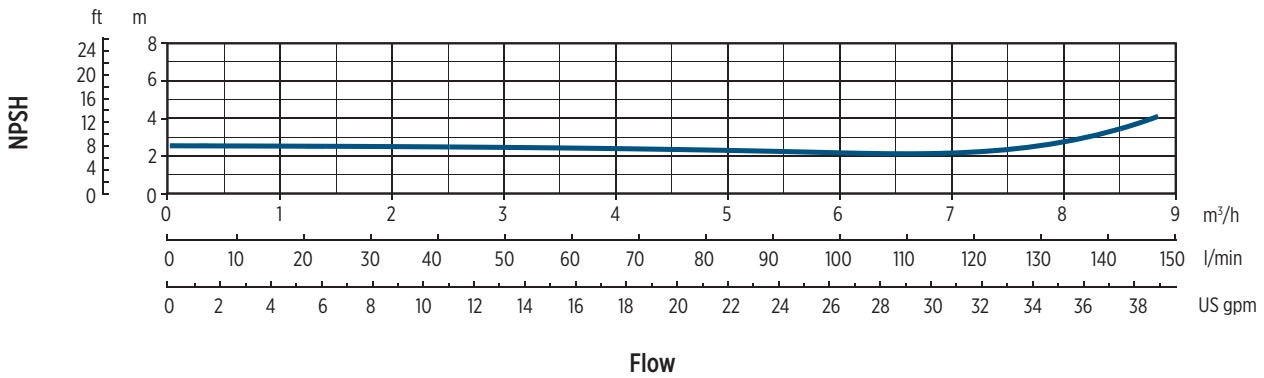
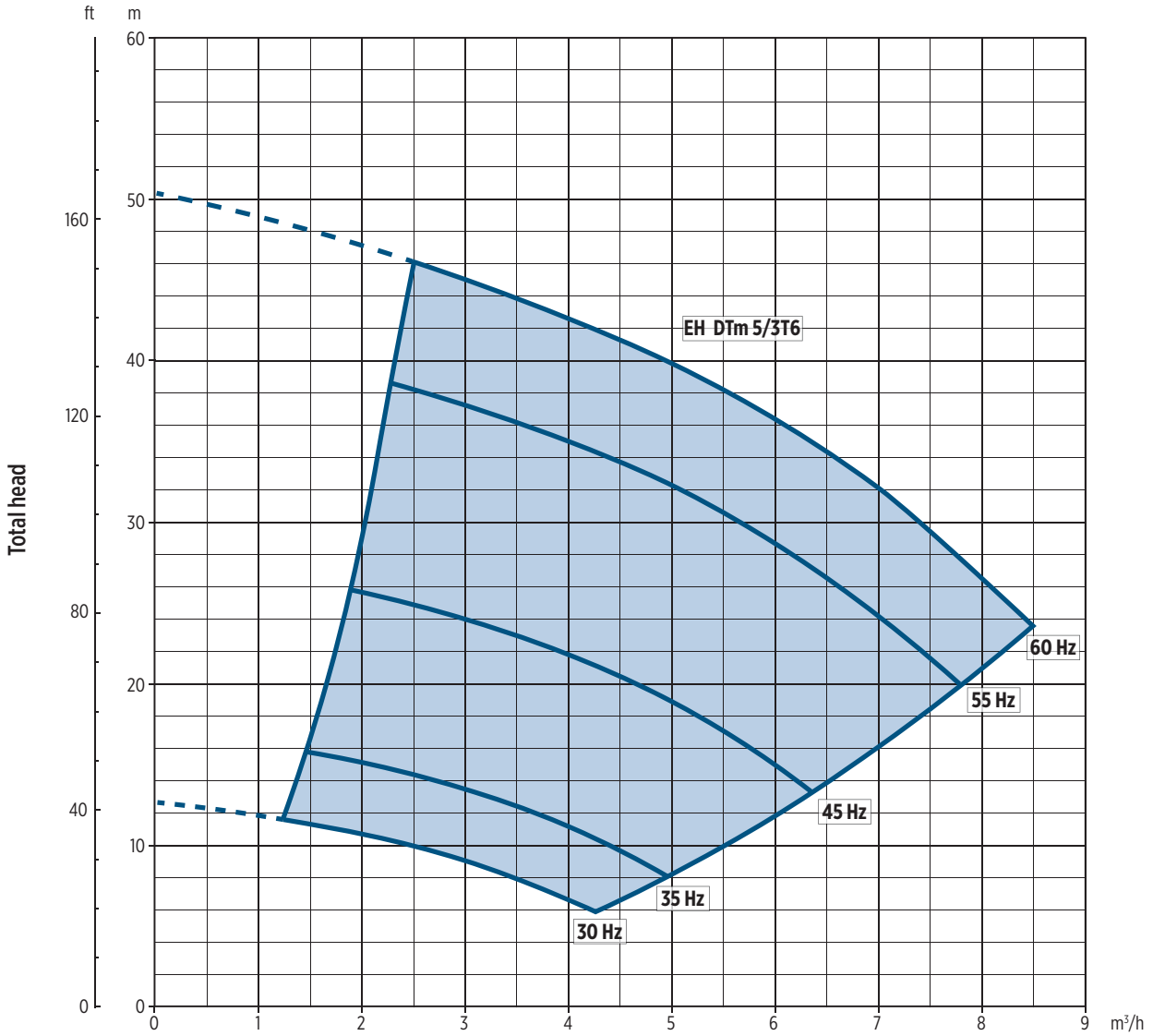
EH DTm 5 - TECHNICAL DATA

System model	Motor size	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A] 220-230 V	Dimensions [mm]							Weight [Kg]
		[kW]	[HP]			A	F	ØB	J	L1	L2	L3	
EH DTm 5/3T6	71	1.1	1.5	1.45	7.5	103	363	144	294	70	101	-	14
EH DTm 5/4T6	80	1.5	2	1.97	11	127	424	162	301	70	128	-	17.8
EH DTm 5/5T6	90	2.2	2.7	2.46	11	151	495	179	308	70	172	-	23.6

DIMENSIONAL DRAWINGS

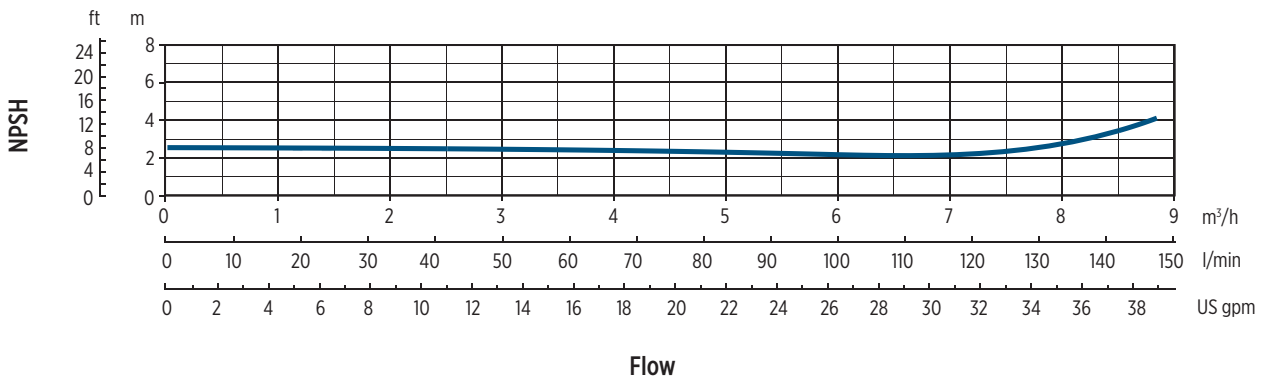
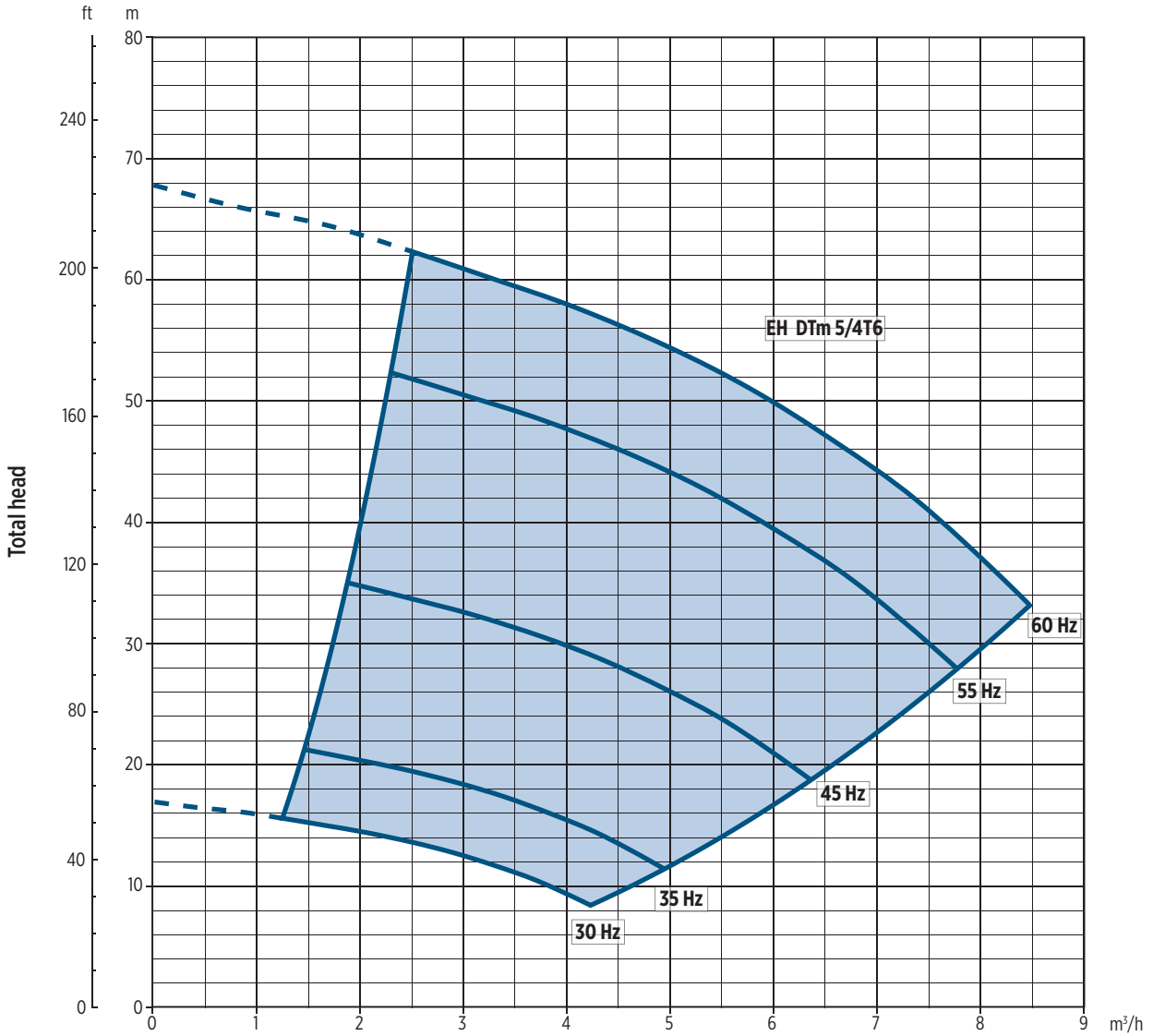


EH DTm 5/3T6 - PERFORMANCE CURVES



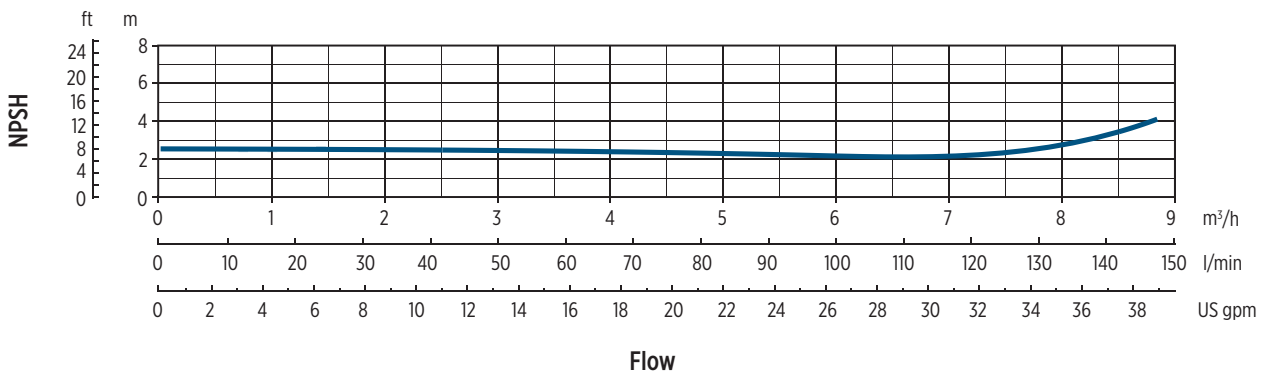
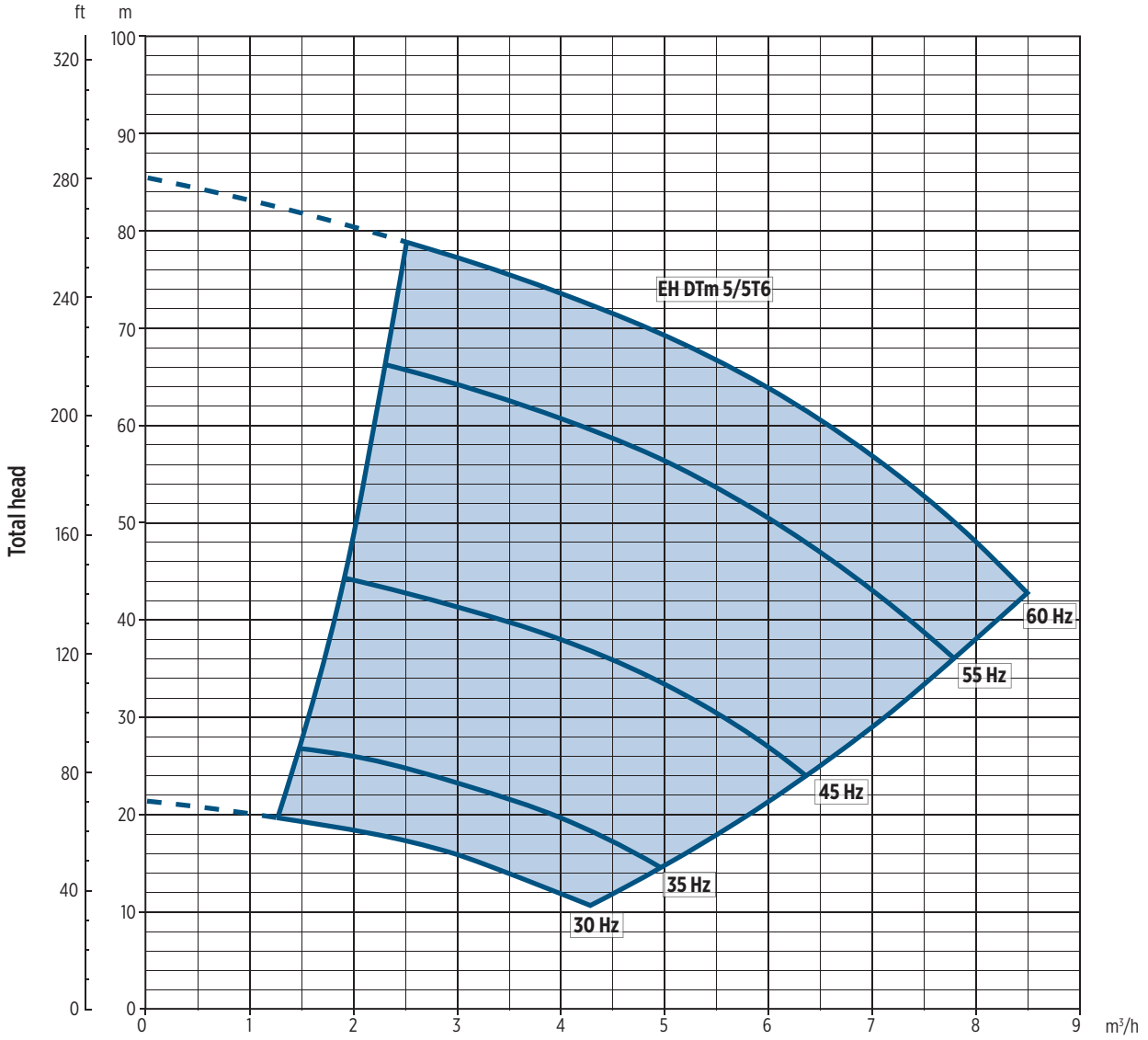
002096EN 09/2017

EH DTm 5/4T6 - PERFORMANCE CURVES



0020254-04/2020

EH DTm 5/5T6 - PERFORMANCE CURVES

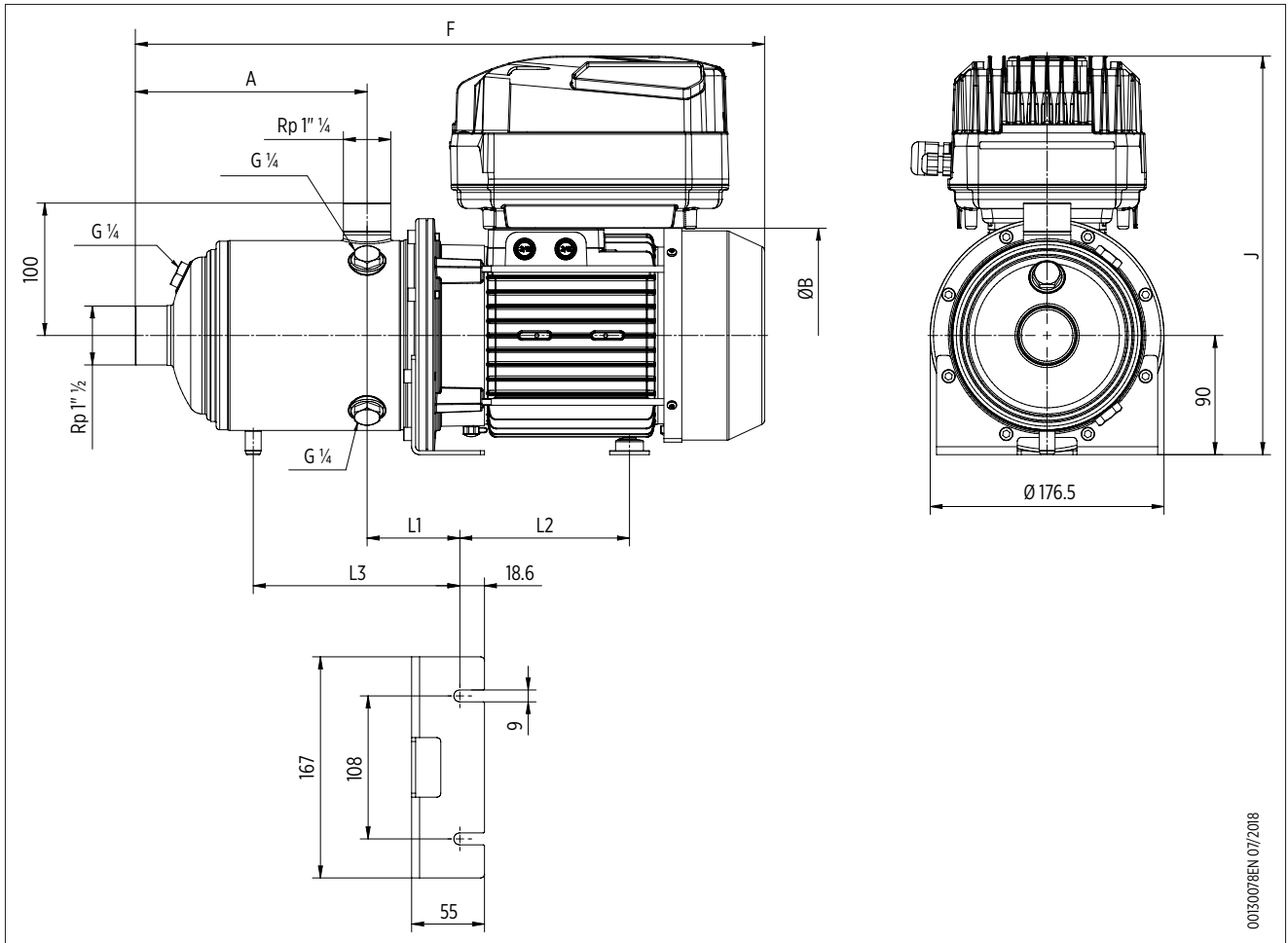


0022099EN 09/2017

EH DTm 9 - TECHNICAL DATA

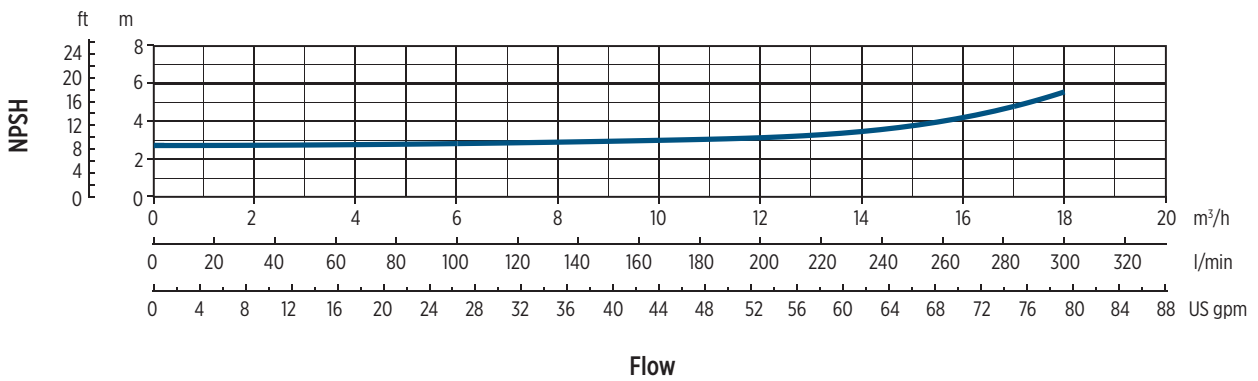
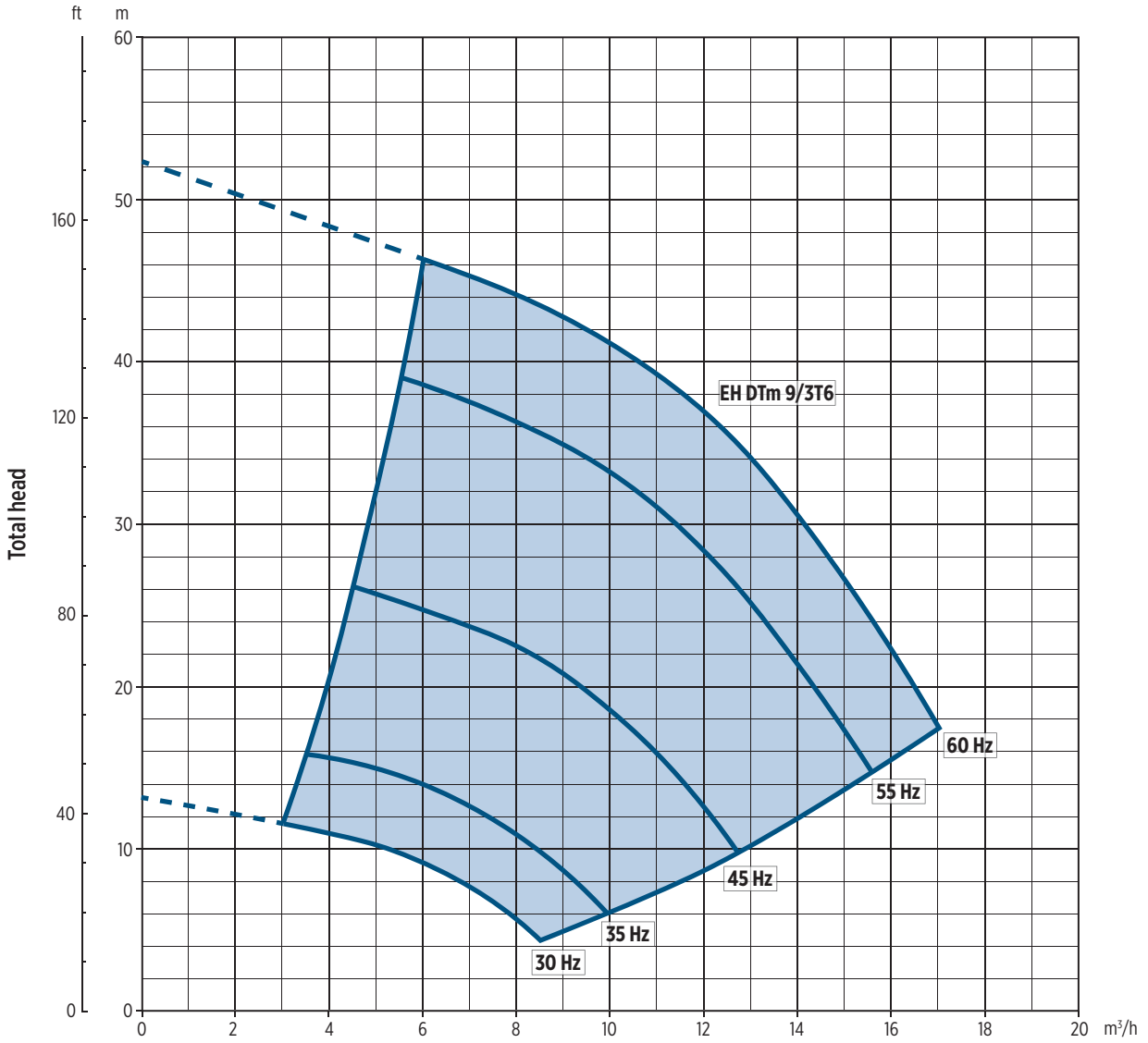
System model	Motor size	MOTOR NOMINAL POWER		INPUT POWER	INPUT CURRENT [A]	Dimensions [mm]							Weight [Kg]
		[kW]	[HP]	[kW]	220-230 V	A	F	ØB	J	L1	L2	L3	
EH DTm 9/3T6	90	2.2	2.7	2.54	11.0	118	466	179	308	74	172	-	22.8

DIMENSIONAL DRAWINGS



00150078EN 07/2018

EH DTm 9/3T6 - PERFORMANCE CURVES



00120101EN/09/2017



Franklin Electric

Franklin Electric Europa GmbH
Rudolph-Diesel-Str. 20 - 54516 Wittlich
GERMANY

Phone: +49 (0) 6571 - 105-0
Fax: +49 (0) 6571 - 105-510
Email: info@franklin-electric.de

Franklin Electric S.r.l.
Via Asolo, 7 - 36031 Dueville (Vicenza)
ITALY

Phone: +39 0444 361114
Fax: +39 0444 365247
Email: sales.it@fele.com



10000008724 EN REV.00_07-2021



franklinwater.eu

Single member - Company subject to the control and coordination of Franklin Electric Co., Inc.
Franklin Electric reserves the right to amend specification without prior notice.