



EH DTm SERIES

HORIZONTAL MULTISTAGE PUMPS WITH DRIVE-TECH MINI



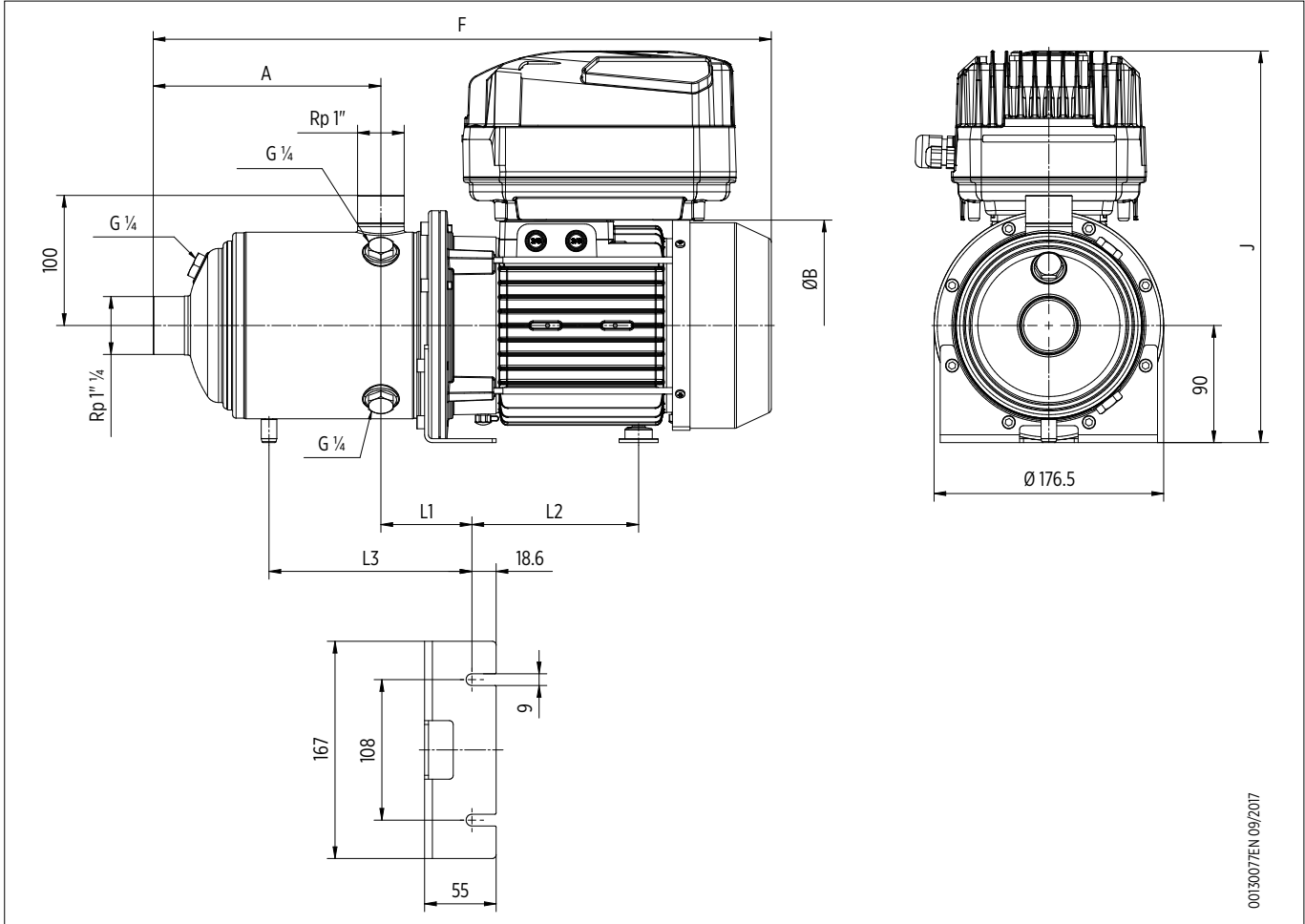


EH DTm 3

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 3/5T6	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

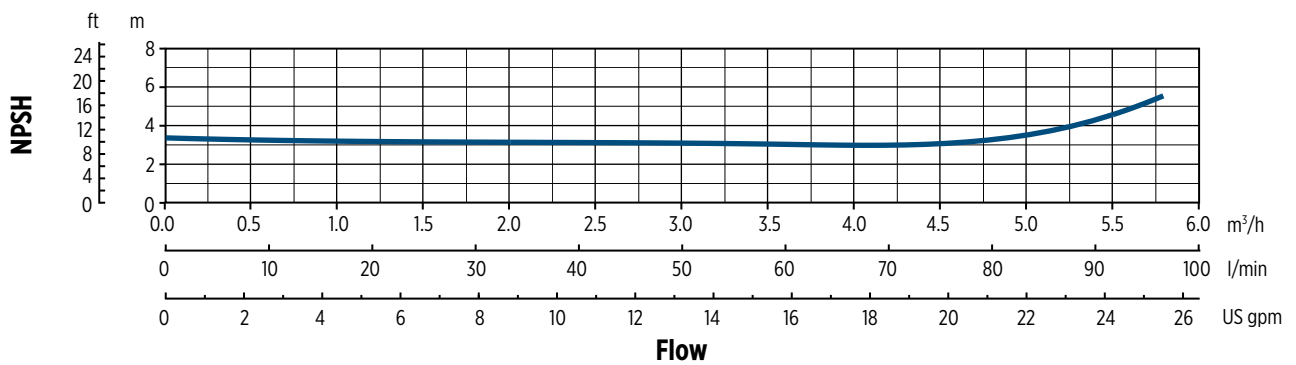
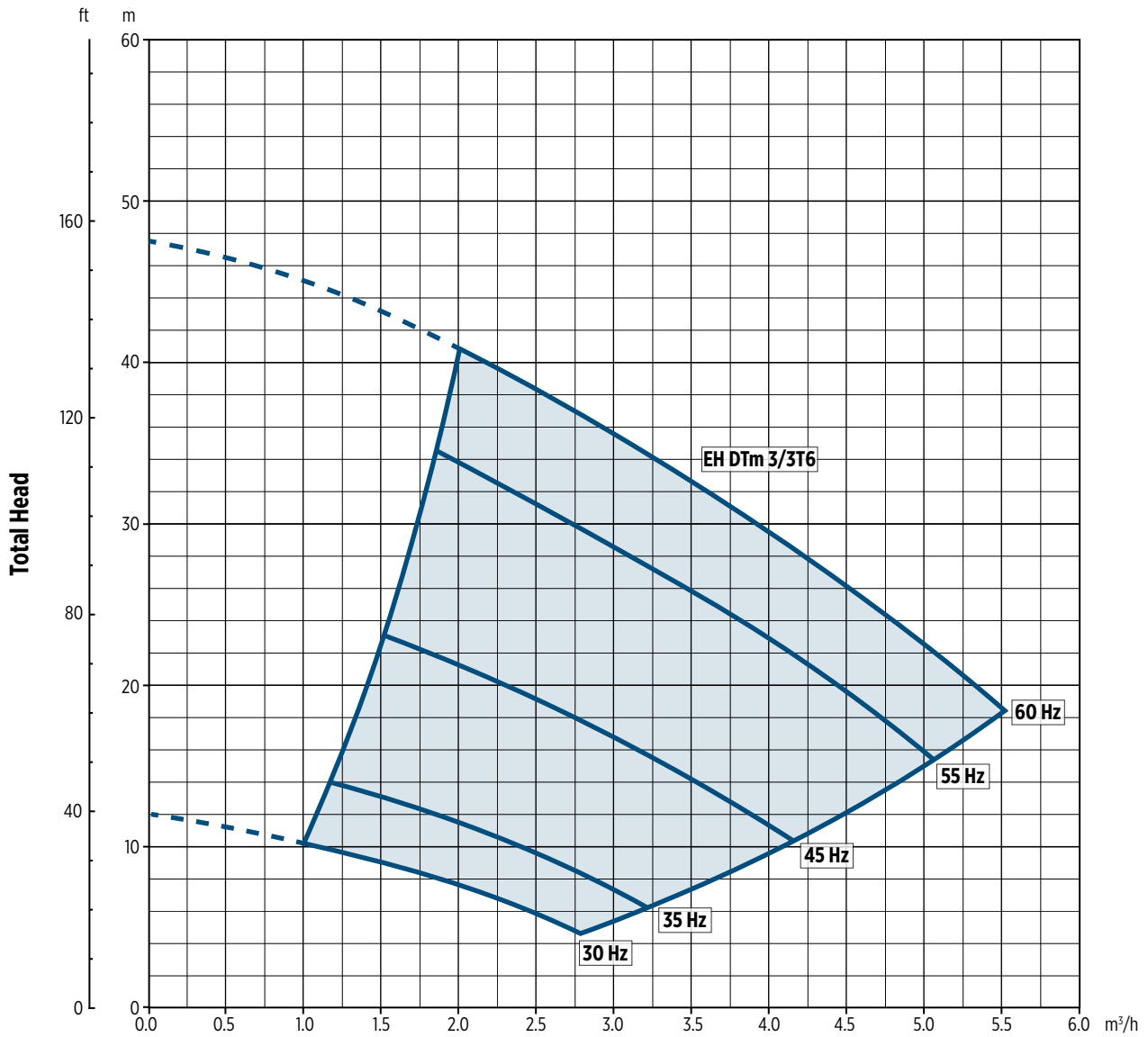
DIMENSIONAL DRAWINGS



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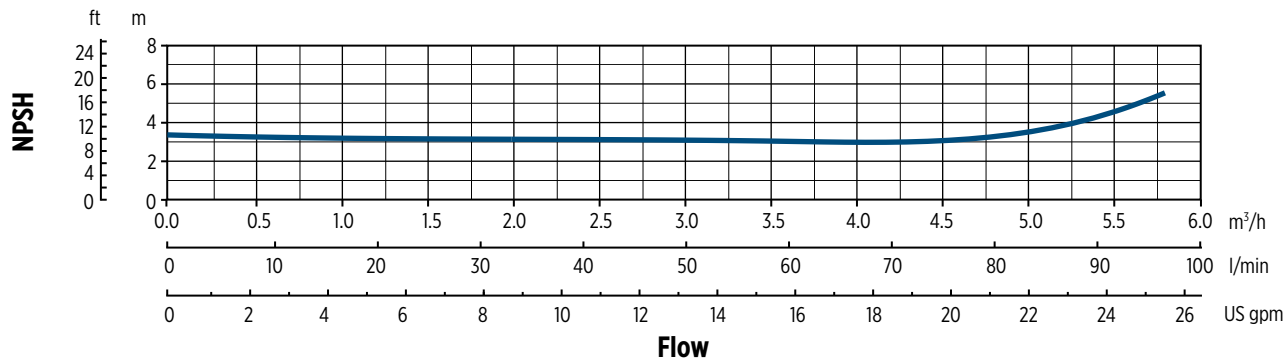
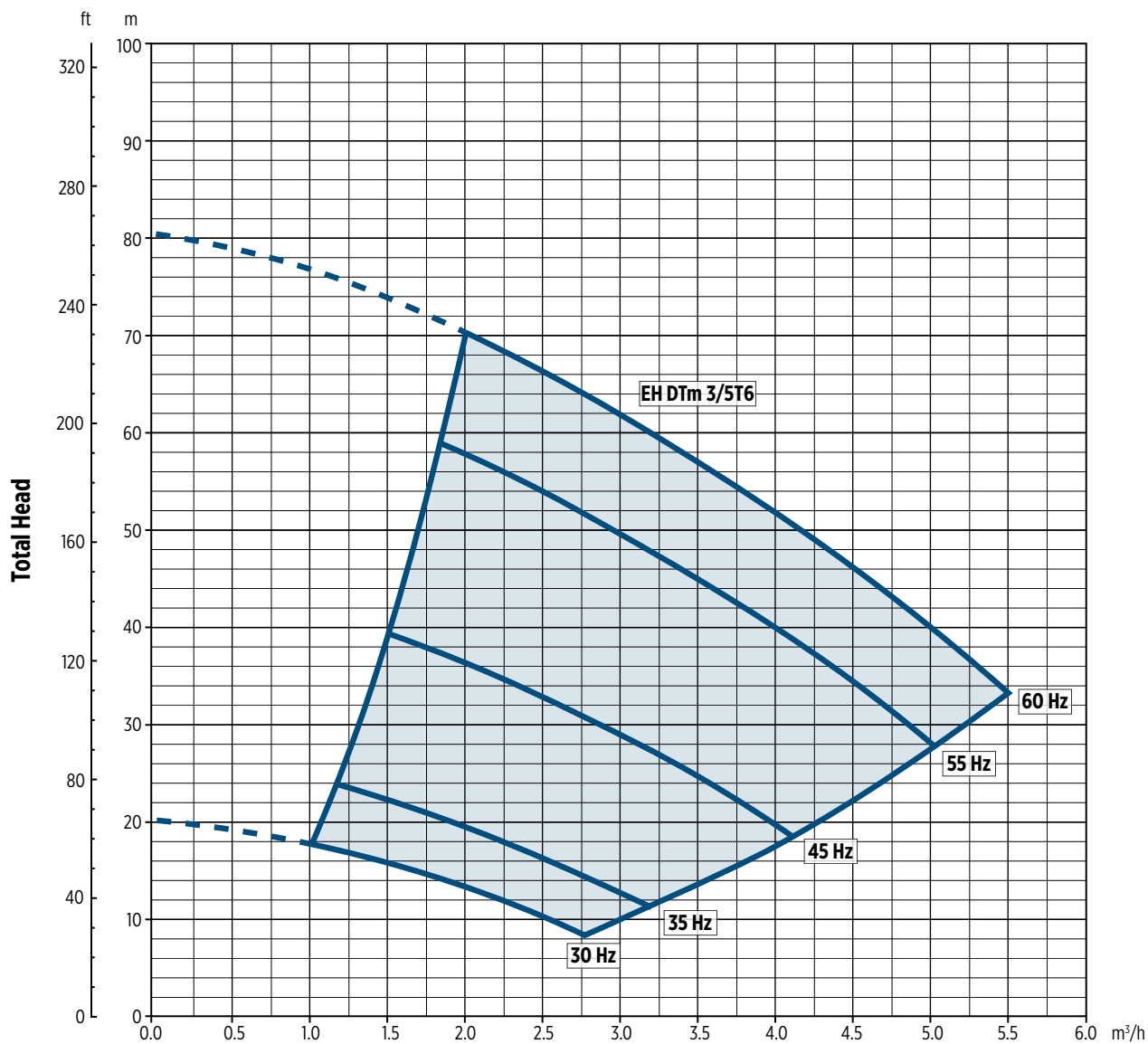


PERFORMANCE CURVES



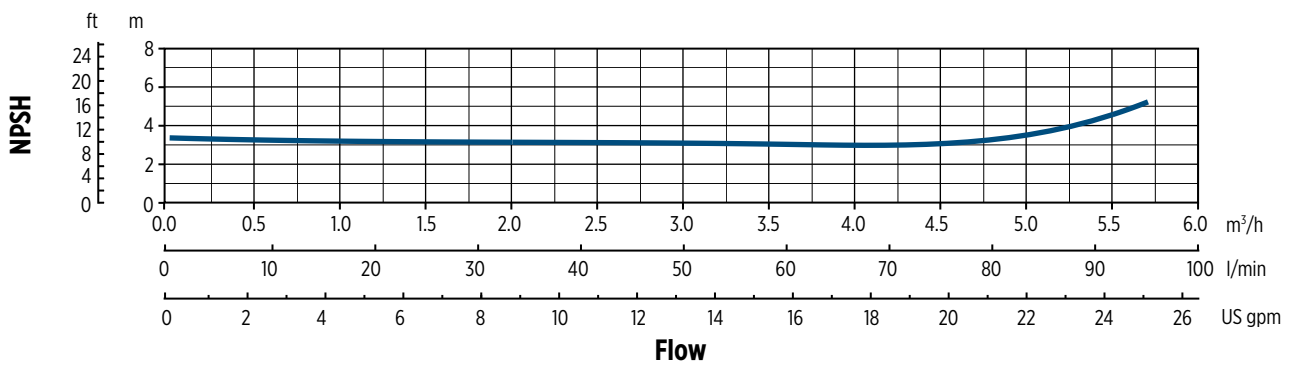
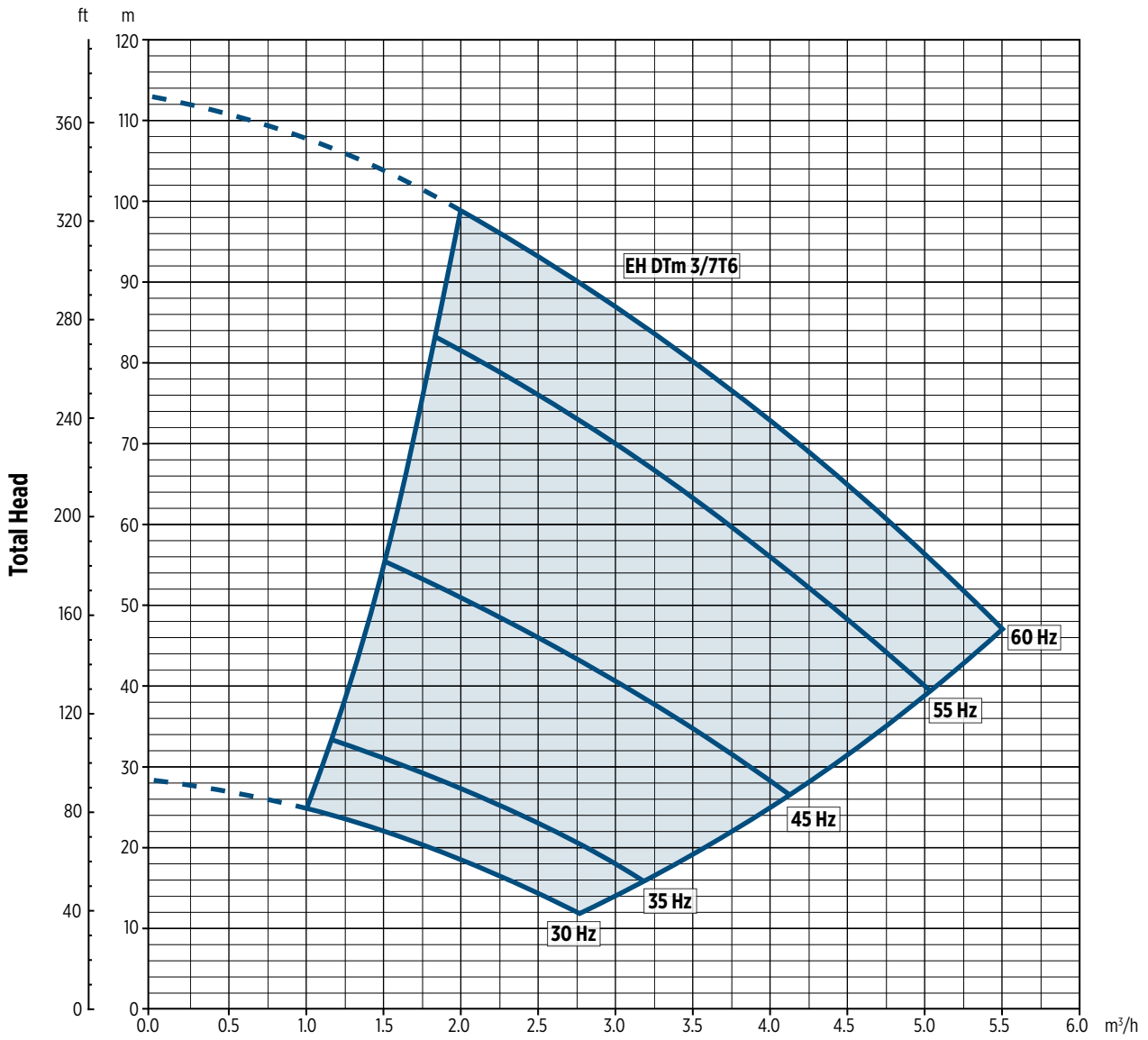
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PERFORMANCE CURVES



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PERFORMANCE CURVES



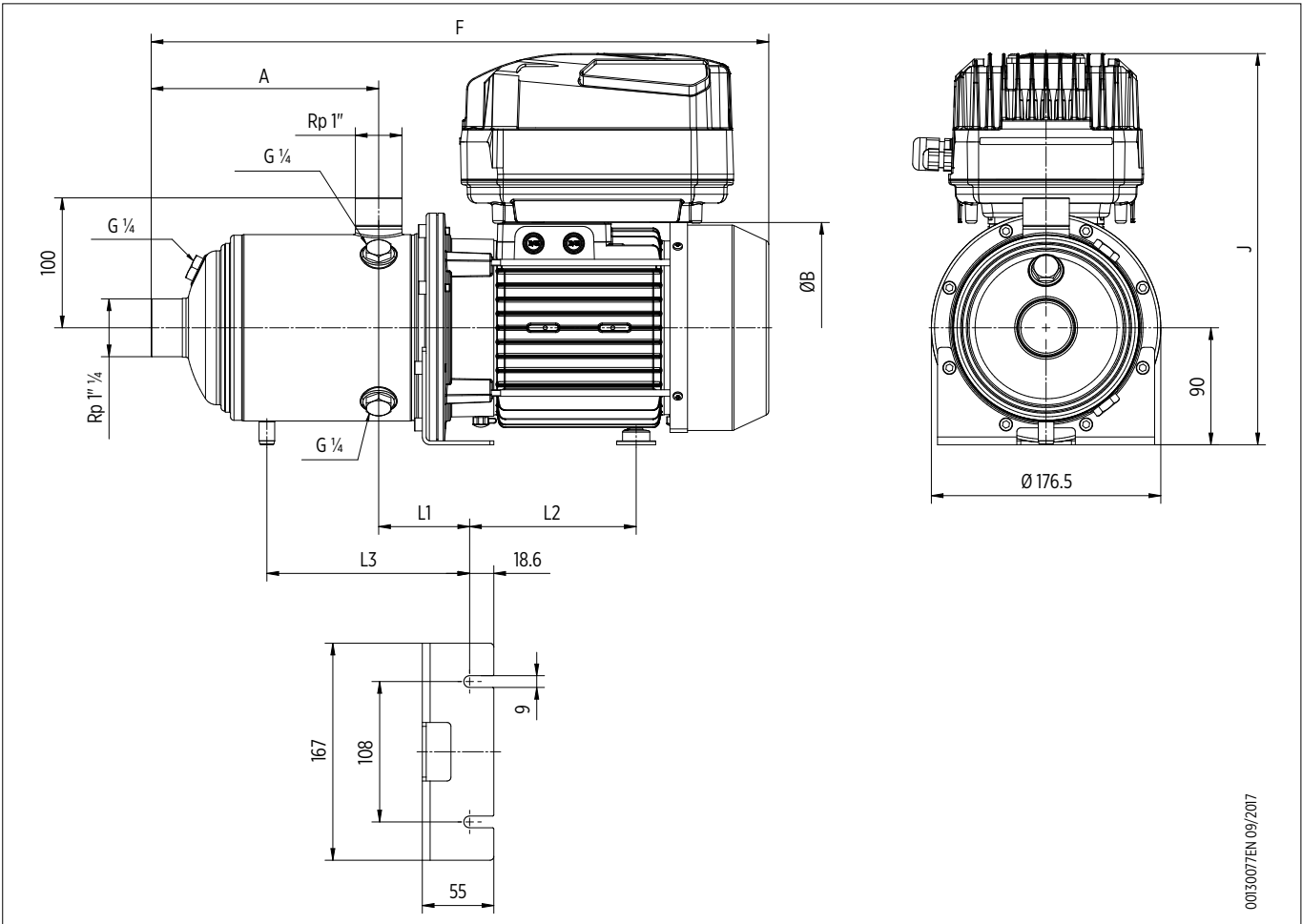
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EH DTm 5

TECHNICAL DATA

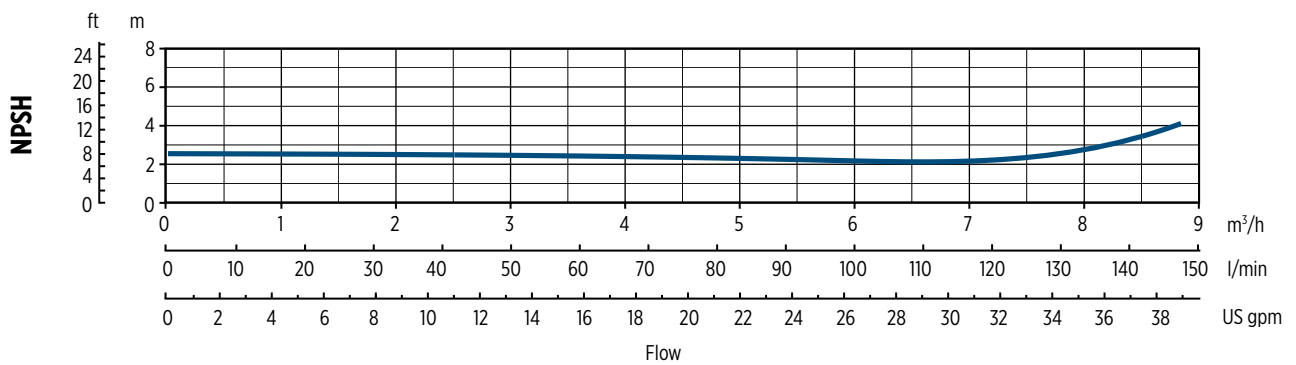
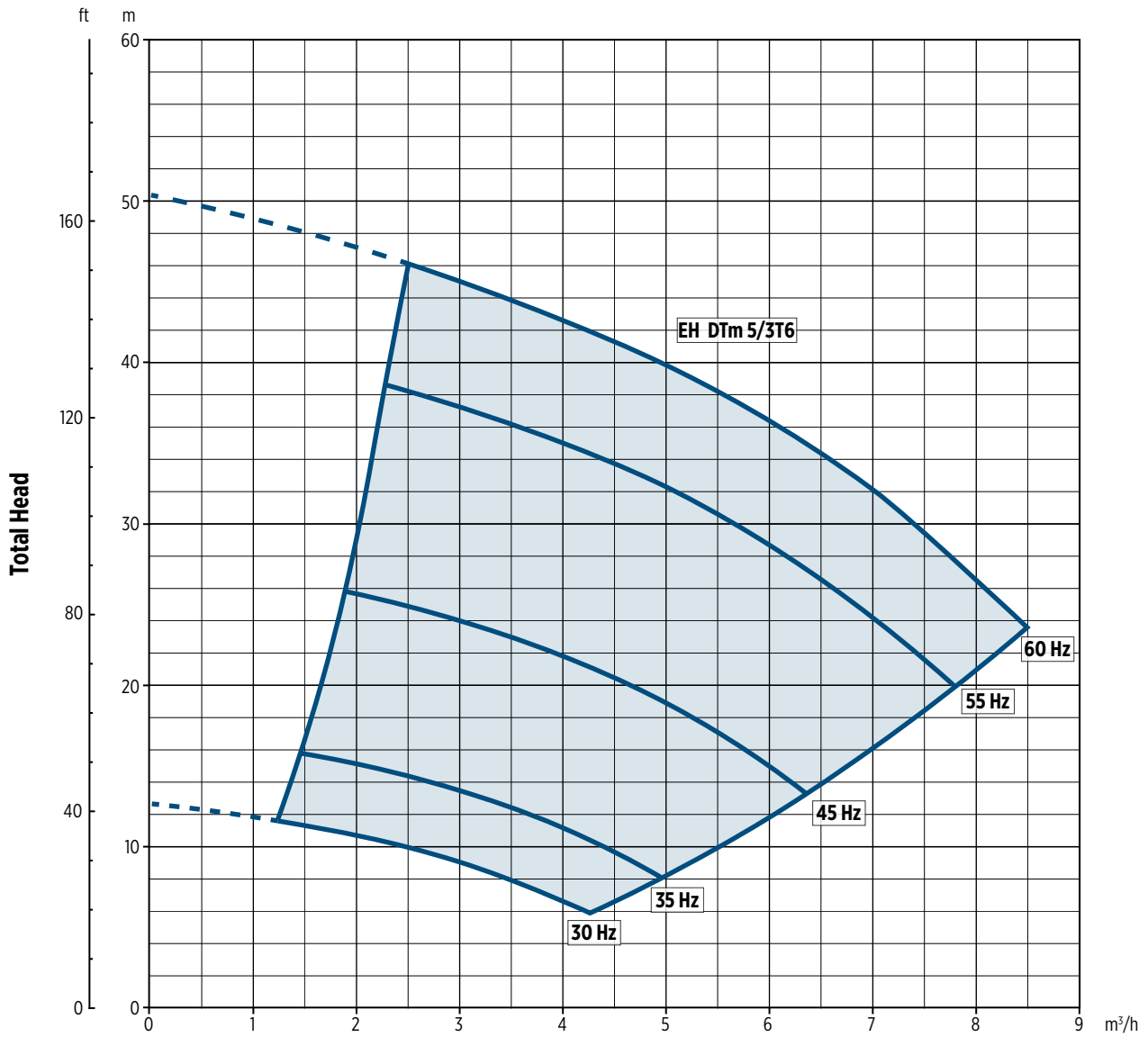
System model	Motor Size	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]	Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]			A	F	ØB	J	L1	L2		L3
EH DTm 5/3T6	71	1.1	1.5	1.45	7.5	103	363	144	294	70	101	-	14
EH DTm 5/5T6	90	2.2	2.7	2.46	11	151	495	179	308	70	172	-	23.6

DIMENSIONAL DRAWINGS



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PERFORMANCE CURVES



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MENU

PERFORMANCE CURVES

The graph shows Total Head (ft/m) on the y-axis and Flow (m³/h) on the x-axis. The y-axis has two scales: ft (0 to 320) and m (0 to 100). The x-axis has one scale: m³/h (0 to 9). Five performance curves are shown for frequencies: 30 Hz, 35 Hz, 45 Hz, 55 Hz, and 60 Hz. A shaded region indicates the operating range. A dashed line at the top left shows a head of approximately 280 ft at 0 flow, decreasing to about 240 ft at 2.5 m³/h.

Flow (m³/h)	30 Hz	35 Hz	45 Hz	55 Hz	60 Hz
0	20	20	20	20	20
1	18	18	18	18	18
2	15	15	15	15	15
3	12	12	12	12	12
4	10	10	10	10	10
5	8	8	8	8	8
6	6	6	6	6	6
7	5	5	5	5	5
8	4	4	4	4	4
9	3	3	3	3	3

The graph shows NPSH (ft/m) on the y-axis and Flow (m³/h) on the x-axis. The y-axis has two scales: ft (0 to 24) and m (0 to 8). The x-axis has three scales: m³/h (0 to 9), l/min (0 to 150), and US gpm (0 to 38). The NPSH curve is nearly flat at approximately 2.5 ft (0.75 m) until about 7 m³/h, then rises slightly to about 4 ft (1.2 m) at 9 m³/h.

Flow (m³/h)	NPSH (ft)
0	2.5
1	2.5
2	2.5
3	2.5
4	2.5
5	2.5
6	2.5
7	2.5
8	3.0
9	4.0

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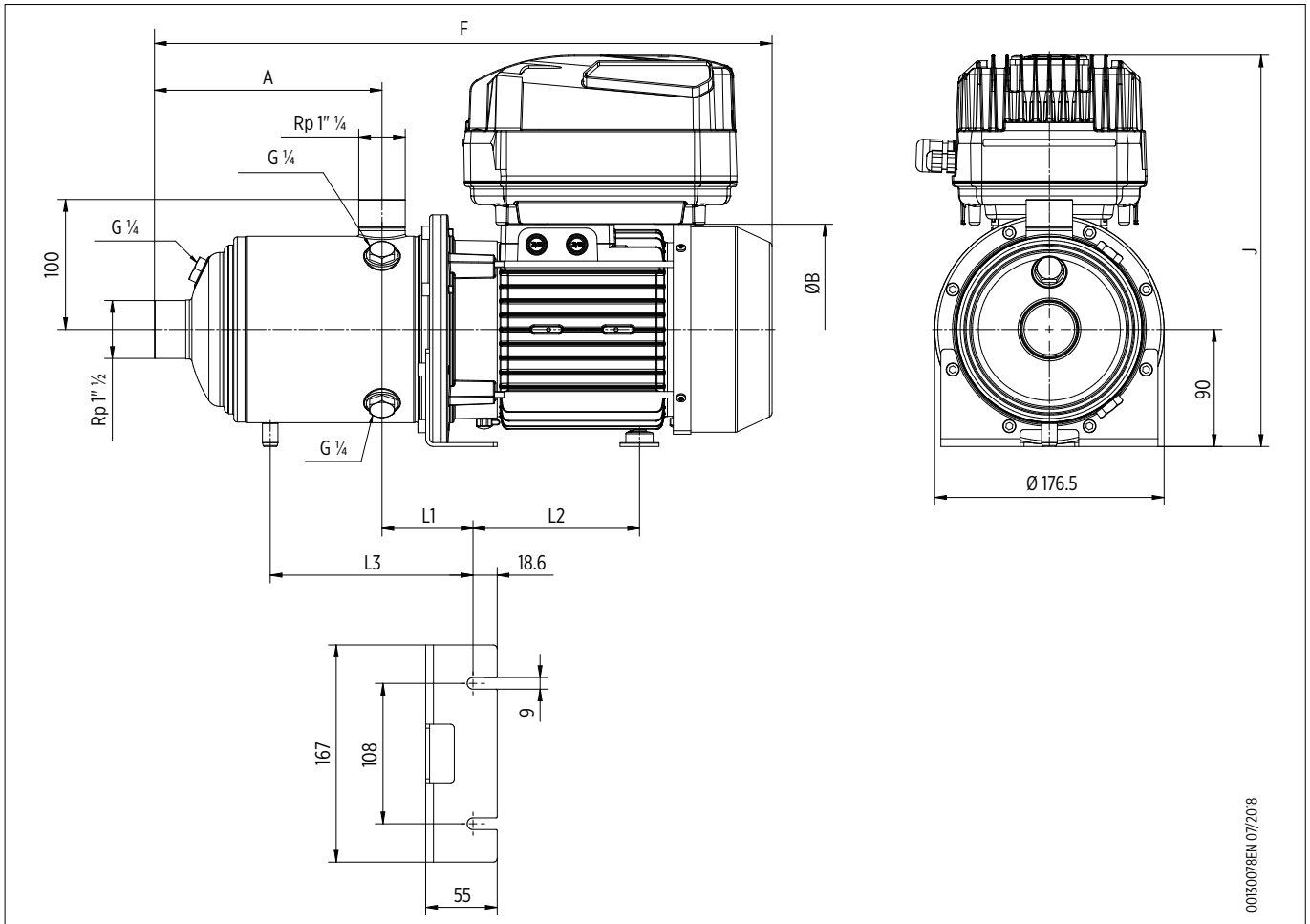
The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B

EH DTm 9

TECHNICAL DATA

System model	Motor Size	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A]	Dimensions [mm]						Weight [Kg]	
		[kW]	[HP]			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



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MENU

PERFORMANCE CURVES

The graph shows Total Head (ft/m) on the y-axis and Flow (m³/h) on the x-axis. The y-axis has two scales: 0-60 ft and 0-160 m. The x-axis ranges from 0 to 20 m³/h. A dashed line represents the system curve. The pump performance curves are labeled with their respective frequencies: 30 Hz, 35 Hz, 45 Hz, 55 Hz, and 60 Hz. The area between the system curve and the pump curves is shaded.

Flow (m³/h)	30 Hz (ft/m)	35 Hz (ft/m)	45 Hz (ft/m)	55 Hz (ft/m)	60 Hz (ft/m)
0	10	10	10	10	10
3	10	10	10	10	10
6	10	10	10	10	10
10	10	10	10	10	10
15	10	10	10	10	10
18	10	10	10	10	10

The graph shows NPSH (ft/m) on the y-axis and Flow (m³/h) on the x-axis. The y-axis has two scales: 0-24 ft and 0-8 m. The x-axis has three scales: 0-20 m³/h, 0-320 l/min, and 0-88 US gpm. The NPSH curve shows a slight increase in required head with flow.

Flow (m³/h)	NPSH (ft/m)
0	3
10	3
20	3
30	3
40	3
50	3
60	3
70	3
80	3
90	3
100	3
110	3
120	3
130	3
140	3
150	3
160	3
170	3
180	3
190	3
200	3
210	3
220	3
230	3
240	3
250	3
260	3
270	3
280	3
290	3
300	3

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The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B