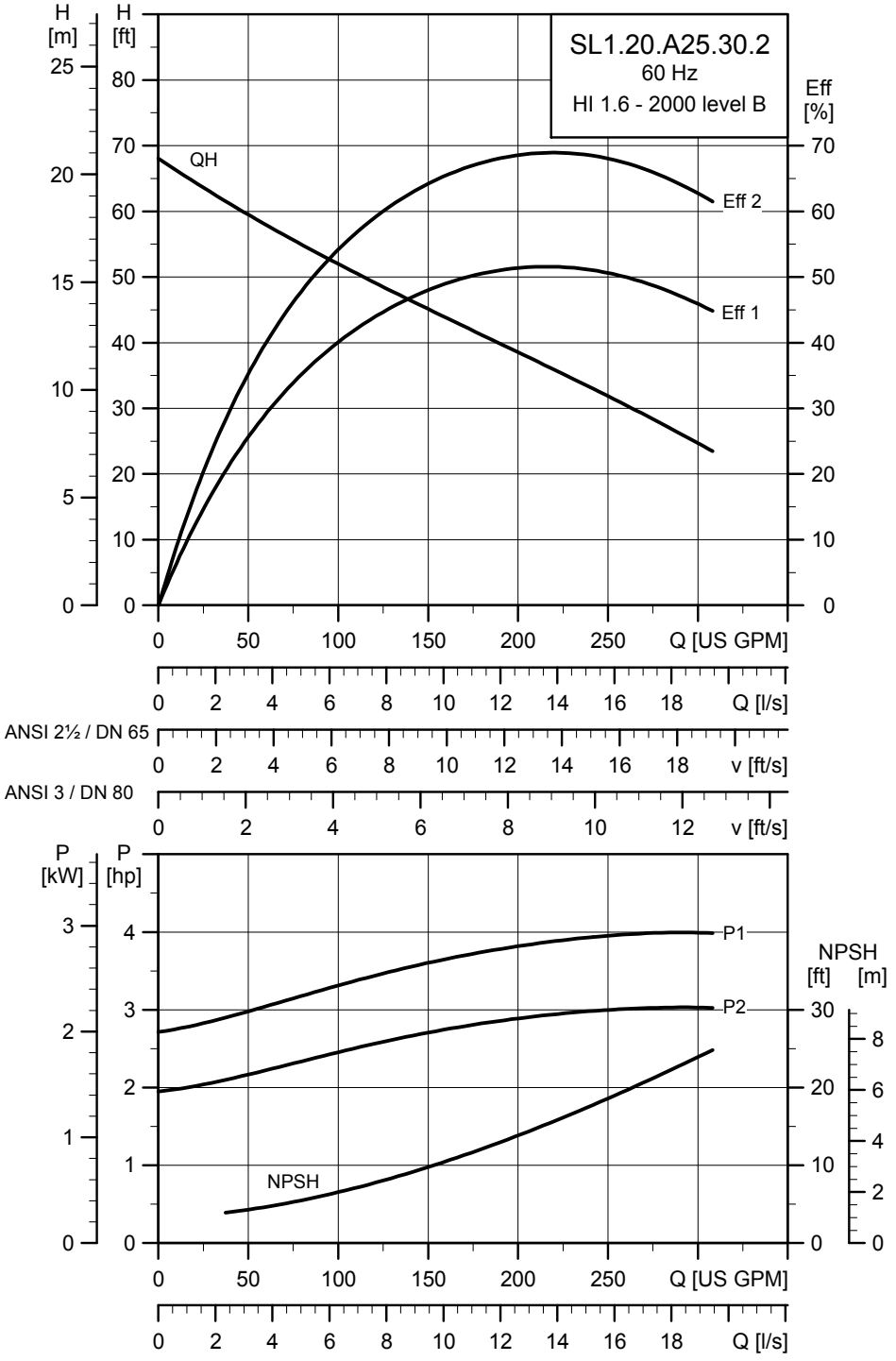
10. Performance curves/technical data

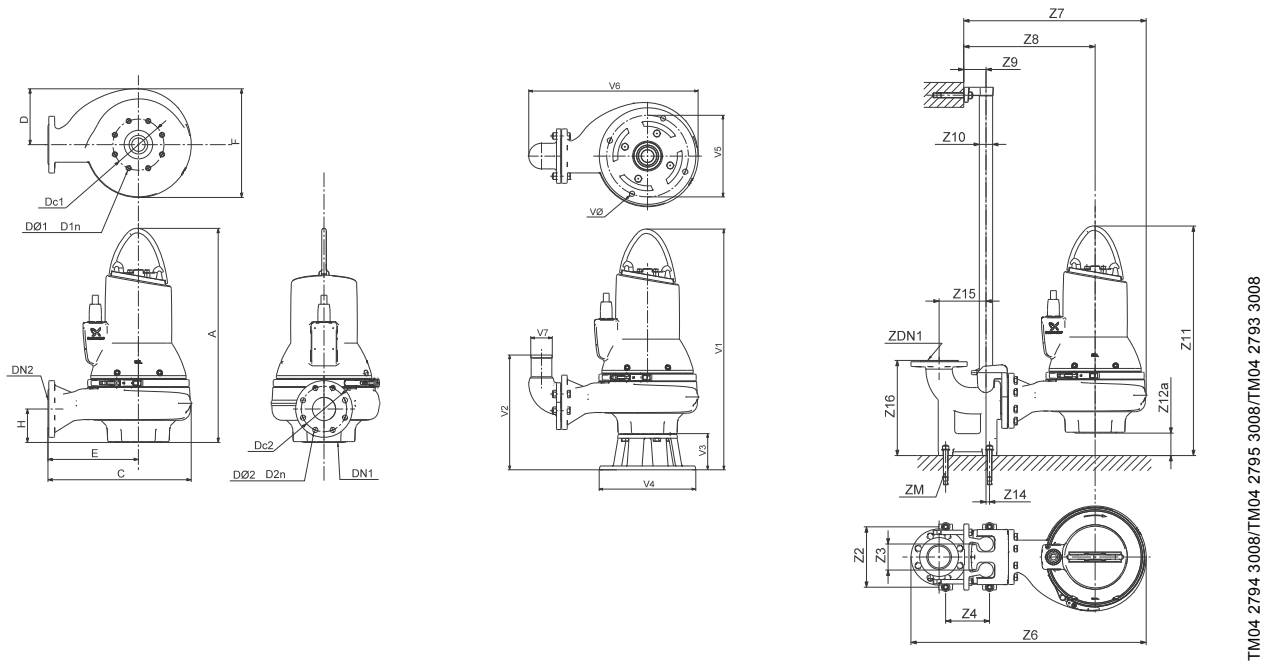
SL1.20.A25

Performance curves: SL1.20.A25.30



TM04 7833 2310

Dimensional sketches: SL1.20.A25.30



TM04 2794 3008/TM04 2795 3008/TM04 2793 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	25.2	14.4	6.7	8.5	12.6	3.7	2.5	5.5	4xM16	2.5	5.5	4x0.75	190.9
[mm]	641	366	171	216	321	69	65	139.70	4xM16	65	139.70	4x19.1	86.6

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.3	3.7	5.5	27.6	20.2	14.3	3.2	1.5	29.1	0.03	0.040	6.9	10.5	2.5	4xM16
[mm]	210	95	140	700	513	363	81	1.5	740	97	1	175	266	65	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	30.4	13.3	5.1	12.8	10.6	19.3	2.6	0.7
[mm]	771	339	130	325	270	491	65	18

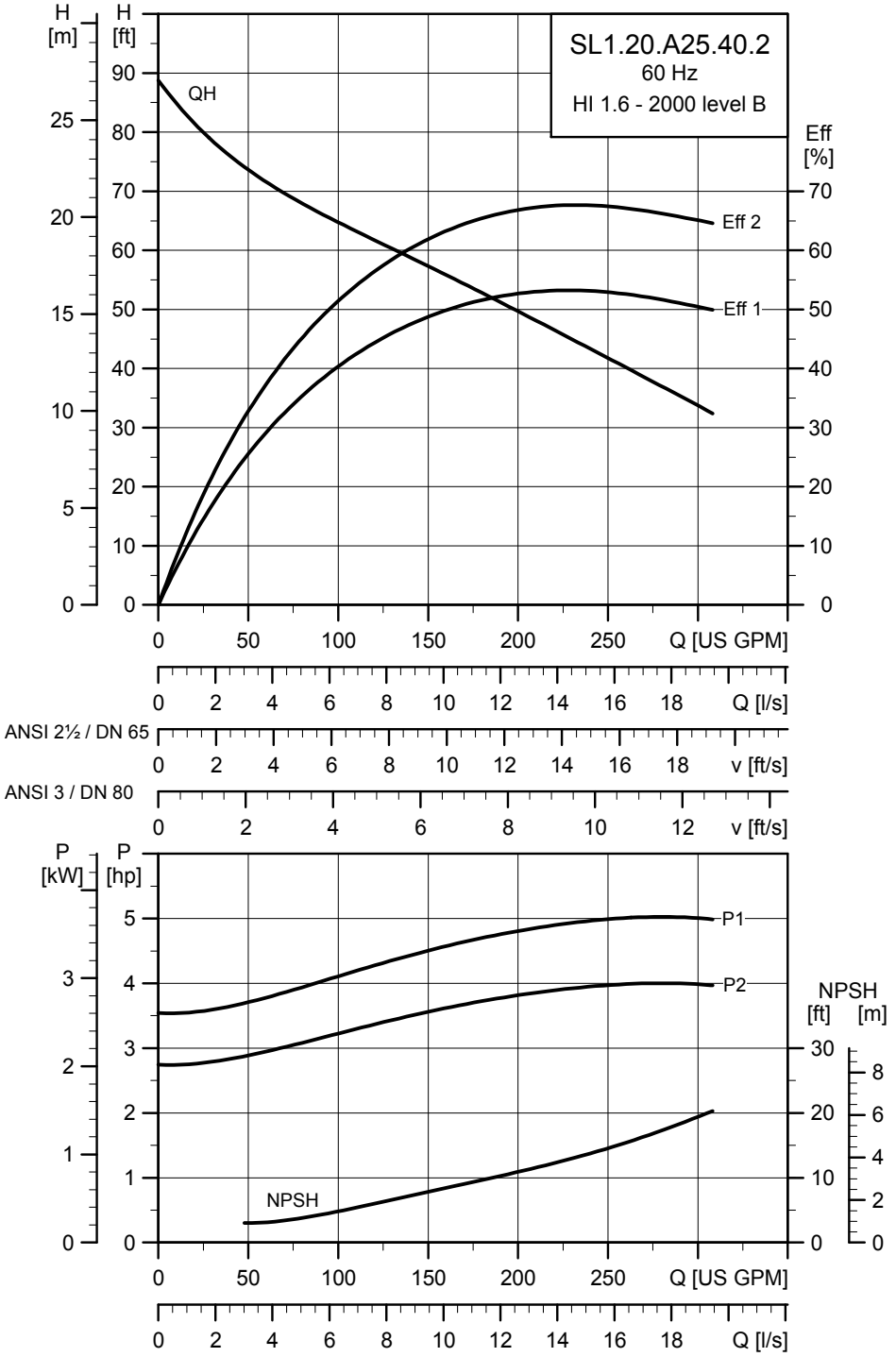
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos φ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.20.A25.30.2.61J	3x208-230V D /460V Y	3.9 (2.9)	3 (2.2)	2	3480	SD	8.8	68.7	67.7	72.8	74.3	0.85	0.89	0.91	1.15	0.17 (0.00704)	14.01 (19)
SL1.20.A25.30.2.61H	3x460V D	3.9 (2.9)	3 (2.2)	2	3520	SD	4.3	44	66.7	73.3	76.1	0.77	0.85	0.88	1.15	0.17 (0.00704)	18.44 (25)
SL1.20.A25.30.2.61L	3x575V D	3.9 (2.9)	3 (2.2)	2	3510	SD	3.2	32.1	67.7	73	75.8	0.81	0.87	0.89	1.15	0.17 (0.00704)	16.96 (23)

Pump data

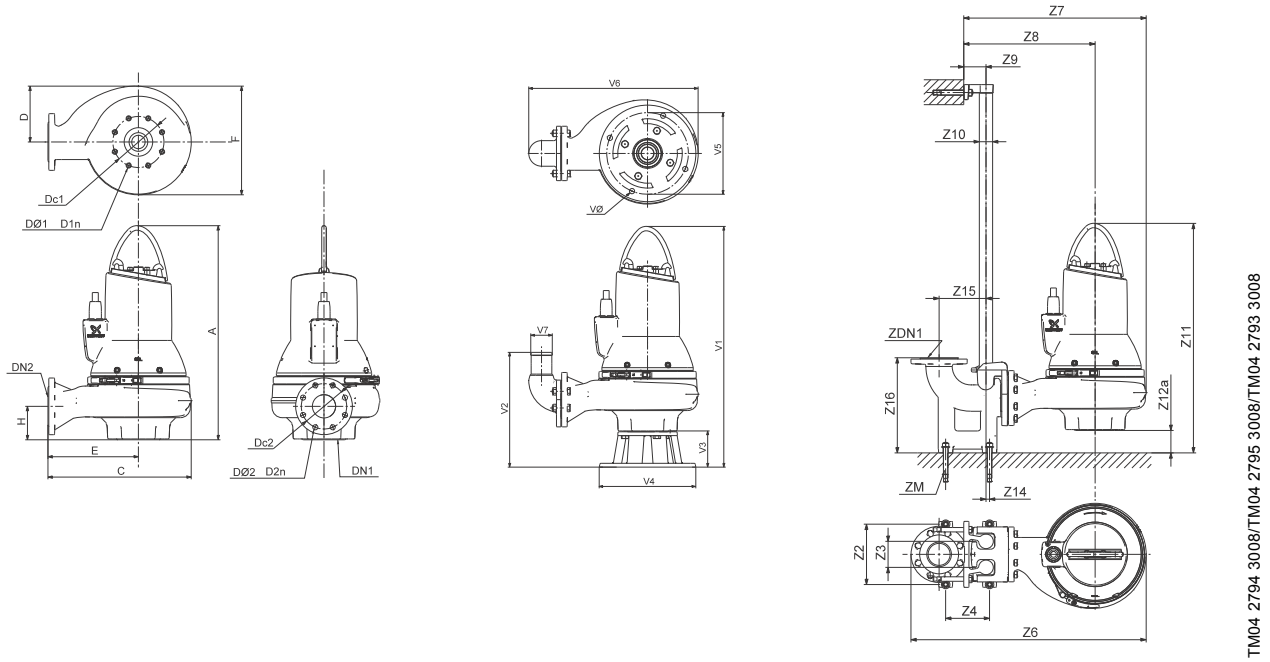
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	2 / 50	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.20.A25.40



TM04 7834 2310

Dimensional sketches: SL1.20.A25.40



TM04 2794 3008/TM04 2795 3008/TM04 2793 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	25.2	14.4	6.7	8.5	12.6	3.7	2.5	5.5	4xM16	2.5	5.5	4x0.75	197.8
[mm]	641	366	171	216	321	69	65	139.70	4xM16	65	139.70	4x19.1	89.7

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.3	3.7	5.5	27.6	20.2	14.3	3.2	1.5	29.1	0.03	0.040	6.9	10.5	2.5	4xM16
[mm]	210	95	140	700	513	363	81	1.5	740	97	1	175	266	65	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	30.4	13.3	5.1	12.8	10.6	19.3	2.6	0.7
[mm]	771	339	130	325	270	491	65	18

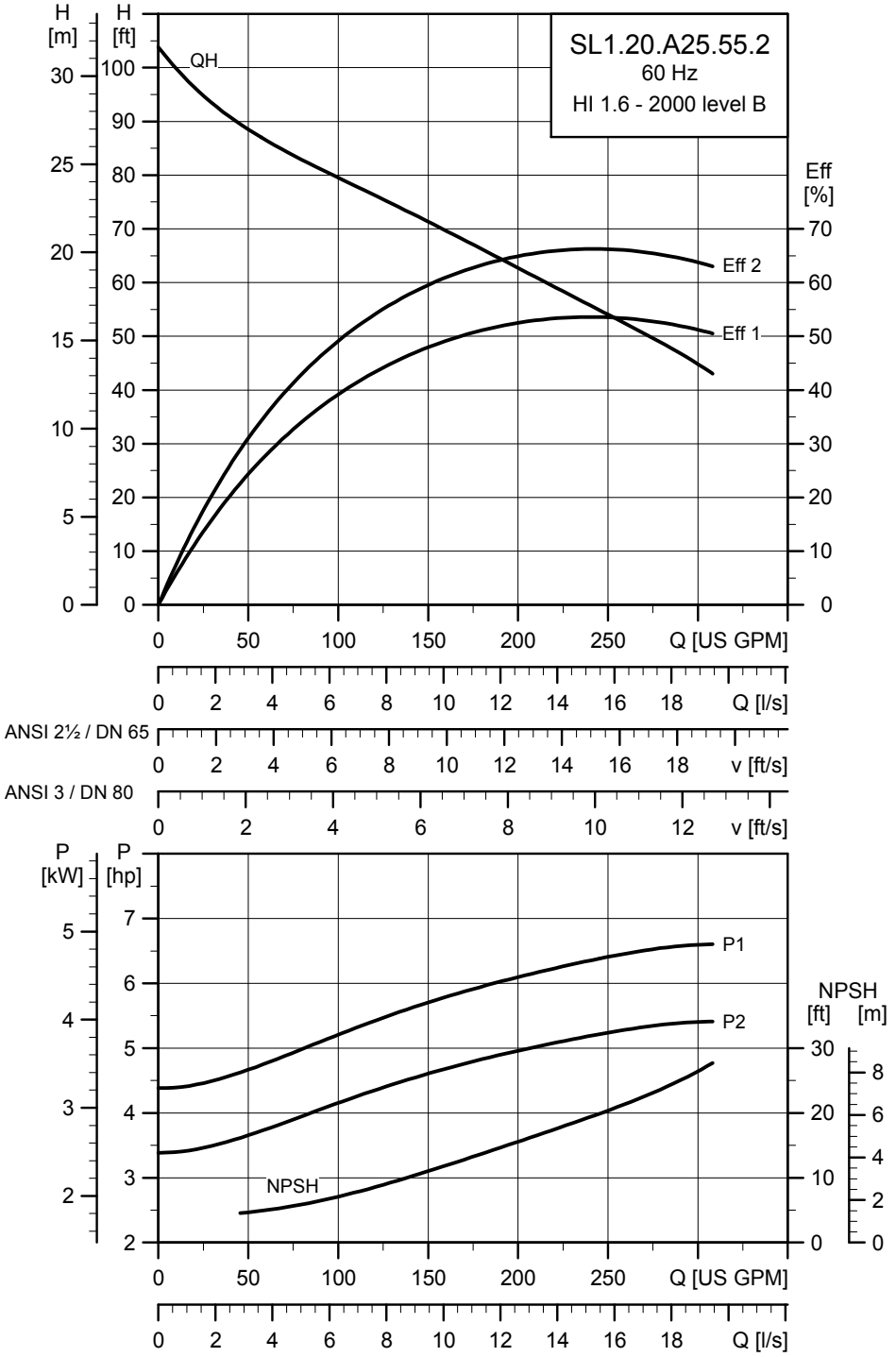
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.20.A25.40.2.61J	3x208-230V D /460V Y	5.1 (3.8)	4 (3)	2	3510	SD	11.6	99.5	72.9	77.2	78.4	0.79	0.86	0.89	1.15	0.23 (0.00956)	22.86 (31)
SL1.20.A25.40.2.61L	3x575V D	5.1 (3.8)	4 (3)	2	3510	SD	4.5	47.9	72.9	77.8	79.6	0.74	0.82	0.87	1.15	0.23 (0.00956)	28.03 (38)
SL1.20.A25.40.2.61H	3x460V D	5.1 (3.8)	4 (3)	2	3510	SD	5.9	63.5	72.5	77.4	79.7	0.66	0.77	0.83	1.15	0.23 (0.00956)	29.5 (40)

Pump data

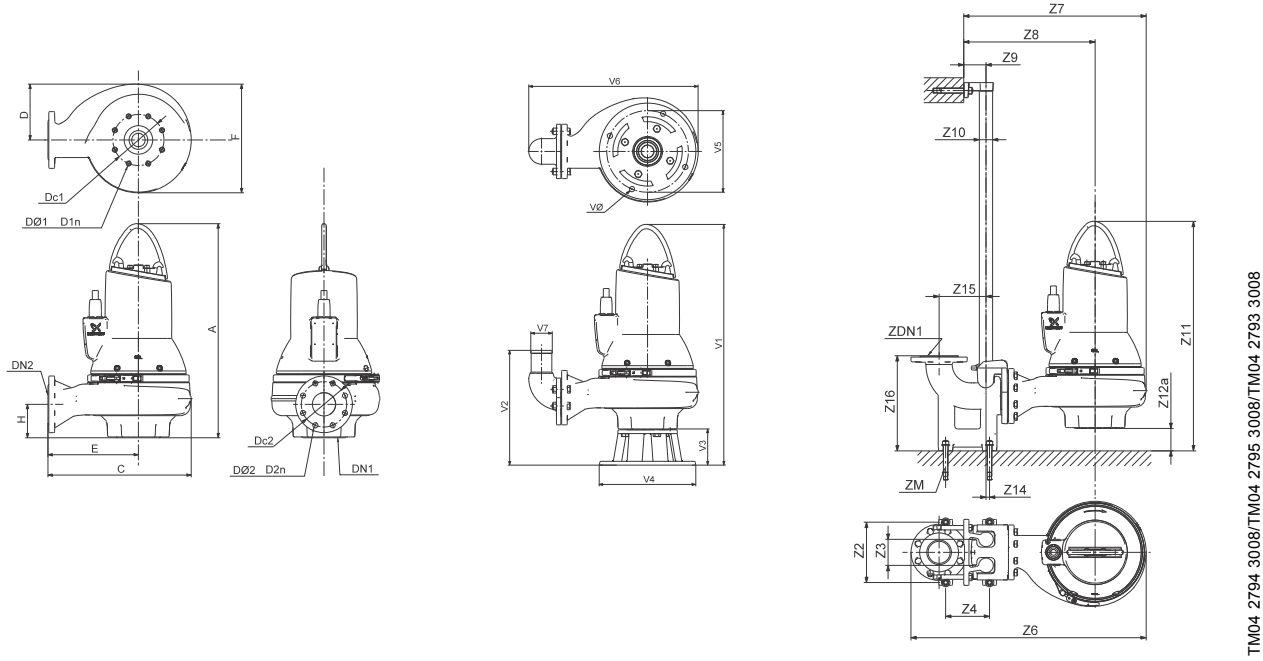
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	2 / 50	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.20.A25.55



TM04 7835 2310

Dimensional sketches: SL1.20.A25.55



TM04 2794 3008/TM04 2795 3008/TM04 2793 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	26.7	16	7.9	8.9	14.9	3.7	2.5	5.5	4xM16	2.5	5.5	4x0.75	254.9
[mm]	677	407	200	227	379	69	65	139.70	4xM16	65	139.70	4x19.1	115.6

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.3	3.7	5.5	29.2	21.8	14.8	3.2	1.5	30.5	0.03	0.040	6.9	10.5	2.5	4xM16
[mm]	210	95	140	741	554	375	81	1.5	774	97	1	175	266	65	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	31.8	13.4	5.1	12.8	10.6	20.4	2.6	0.7
[mm]	807	341	130	325	270	519	65	18

Electrical data

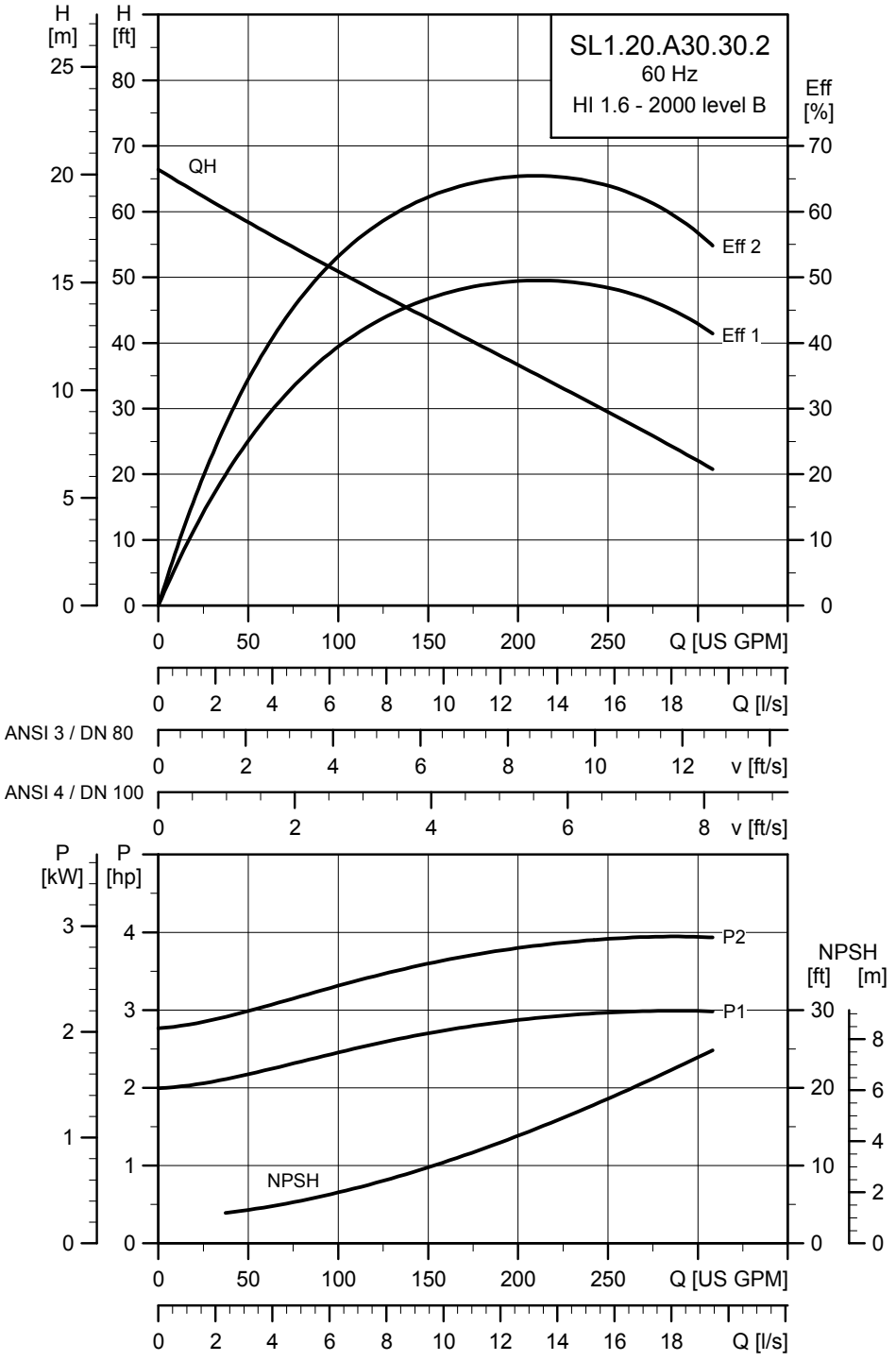
Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.20.A25.55.2.61J	3x208-230V D /460V Y	6.6 (4.9)	5.5 (4)	2	3530	SD	14.8	152	75	79.9	81.7	0.78	0.86	0.90	1.15	0.38 (0.0159)	53.51 (72.55)
SL1.20.A25.55.2.61L	3x575V D	6.6 (4.9)	5.5 (4)	2	3535	SD	5.8	70.8	74.1	79.6	82	0.71	0.82	0.87	1.15	0.38 (0.0159)	44.99 (61)
SL1.20.A25.55.2.61H	3x460V D	6.6 (4.9)	5.5 (4)	2	3540	SD	7.4	96.8	73.6	79.2	82	0.68	0.80	0.85	1.15	0.38 (0.0159)	37.62 (51)

Pump data

Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	2 / 50	10	20	65 / 20	IP68	H	A	104 / 40	4-14

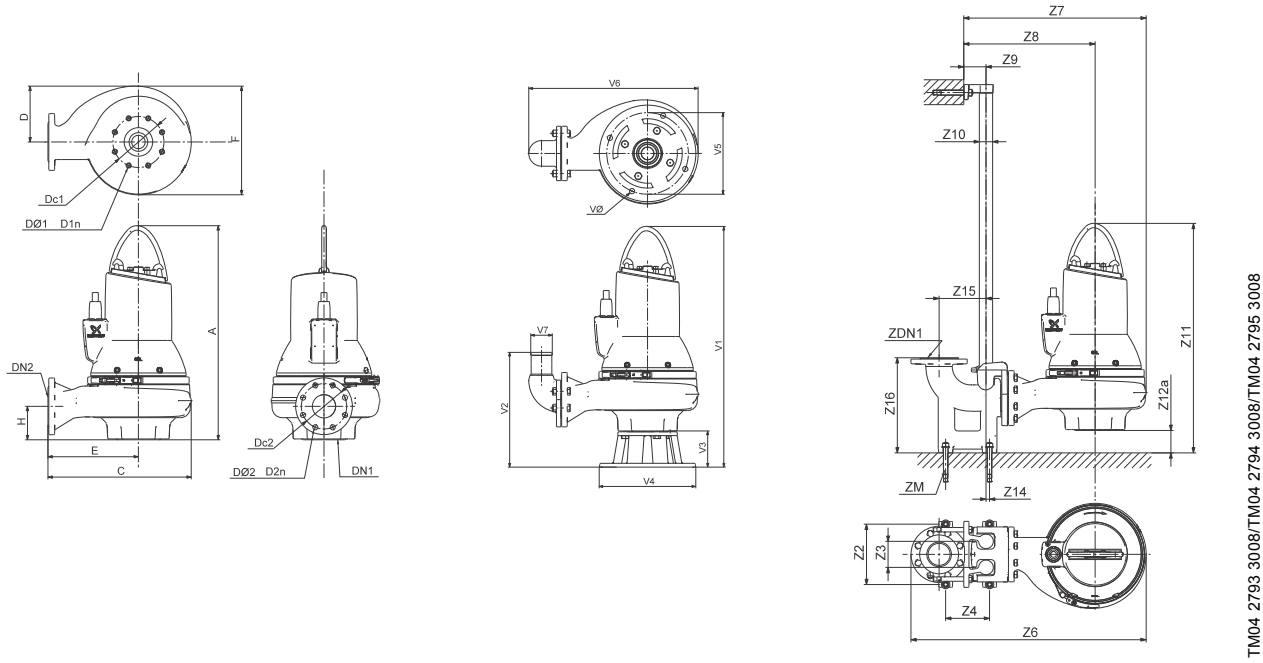
SL1.20.A30

Performance curves: SL1.20.A30.30



TM04 7836 2310

Dimensional sketches: SL1.20.A30.30



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	25.2	14.4	6.7	8.5	12.6	3.9	2.5	5.5	4xM16	3	6	8x0.75	192.7
[mm]	641	366	171	216	321	69	65	139.70	4xM16	80	152.4	8x19.1	87.4

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	28.3	20.7	14.8	3.2	1.5	30.5	0.03	0.510	6.7	13.6	3	4xM16
[mm]	220	95	160	719	526	376	81	1.5	774	131	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	30.4	13.3	5.1	12.8	10.6	19.5	3.2	0.7
[mm]	771	339	130	325	270	496	80	18

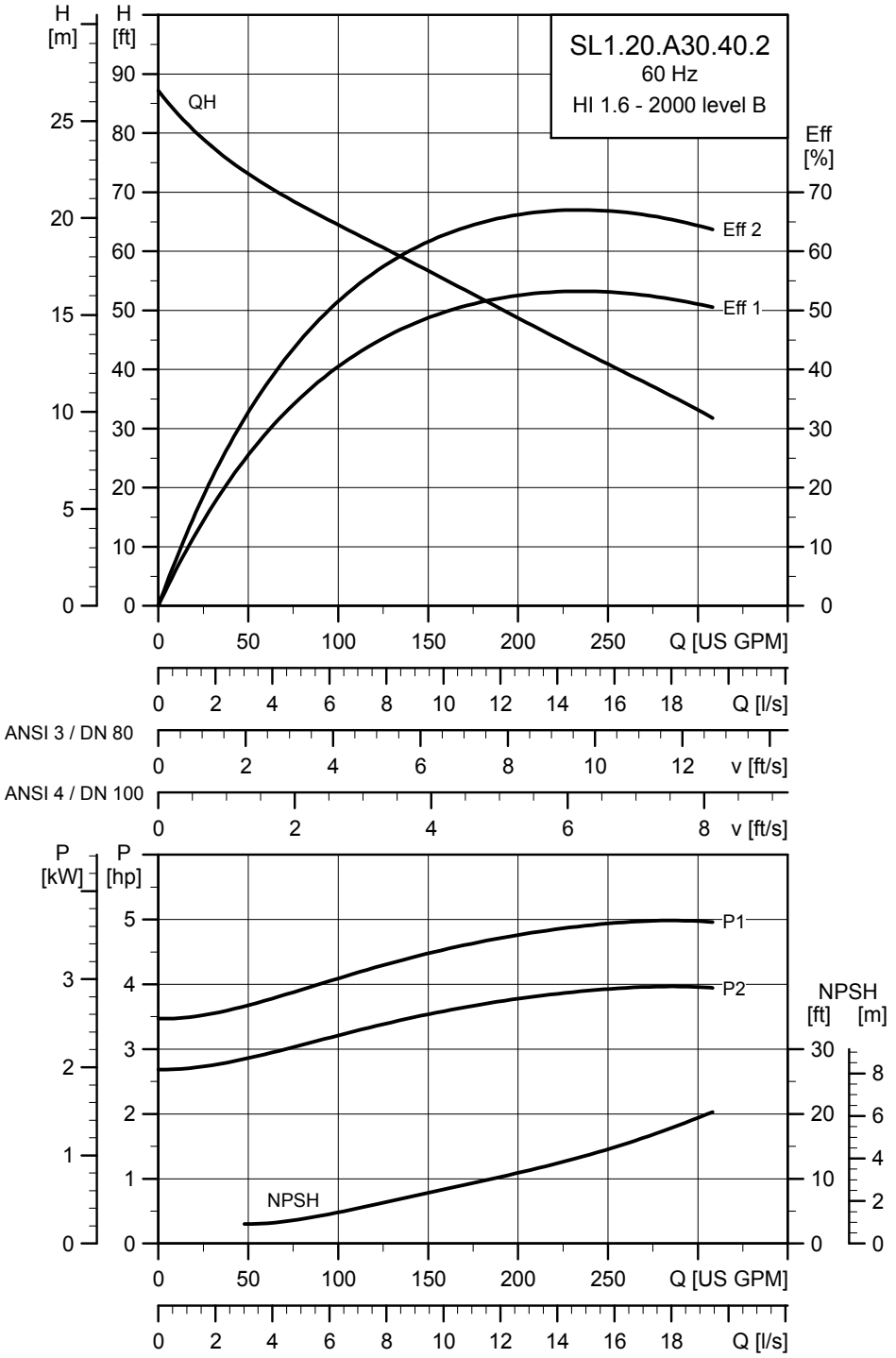
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.20.A30.30.2.61J	3x208-230V D /460V Y	3.9 (2.9)	3 (2.2)	2	3480	SD	8.8	68.7	67.7	72.8	74.3	0.85	0.89	0.91	1.15	0.17 (0.00704)	14.01 (19)
SL1.20.A30.30.2.61H	3x460V D	3.9 (2.9)	3 (2.2)	2	3520	SD	4.3	44	66.7	73.3	76.1	0.77	0.85	0.88	1.15	0.17 (0.00704)	18.44 (25)
SL1.20.A30.30.2.61L	3x575V D	3.9 (2.9)	3 (2.2)	2	3510	SD	3.2	32.1	67.7	73	75.8	0.81	0.87	0.89	1.15	0.17 (0.00704)	16.96 (23)

Pump data

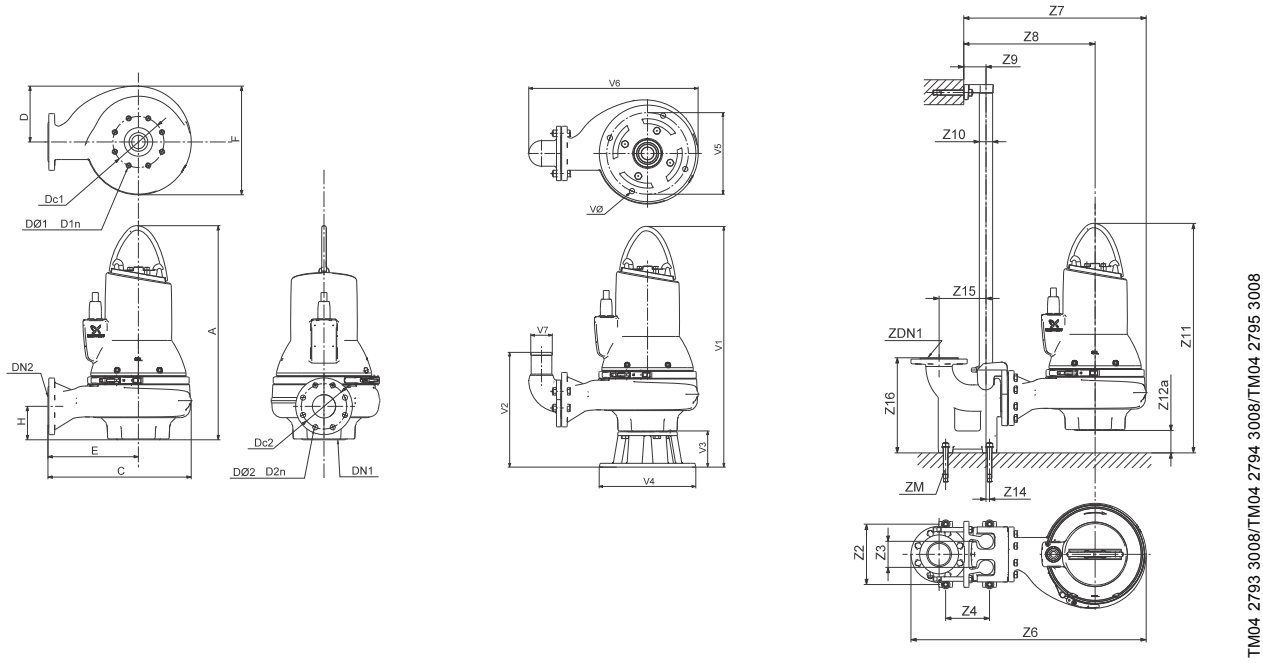
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	2 / 50	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.20.A30.40



TM04 7837 2310

Dimensional sketches: SL1.20.A30.40



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	25.2	14.4	6.7	8.5	12.6	3.9	2.5	5.5	4xM16	3	6	8x0.75	199.5
[mm]	641	366	171	216	321	69	65	139.70	4xM16	80	152.4	8x19.1	90.5

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	28.3	20.7	14.8	3.2	1.5	30.5	0.03	0.510	6.7	13.6	3	4xM16
[mm]	220	95	160	719	526	376	81	1.5	774	131	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	30.4	13.3	5.1	12.8	10.6	19.5	3.2	0.7
[mm]	771	339	130	325	270	496	80	18

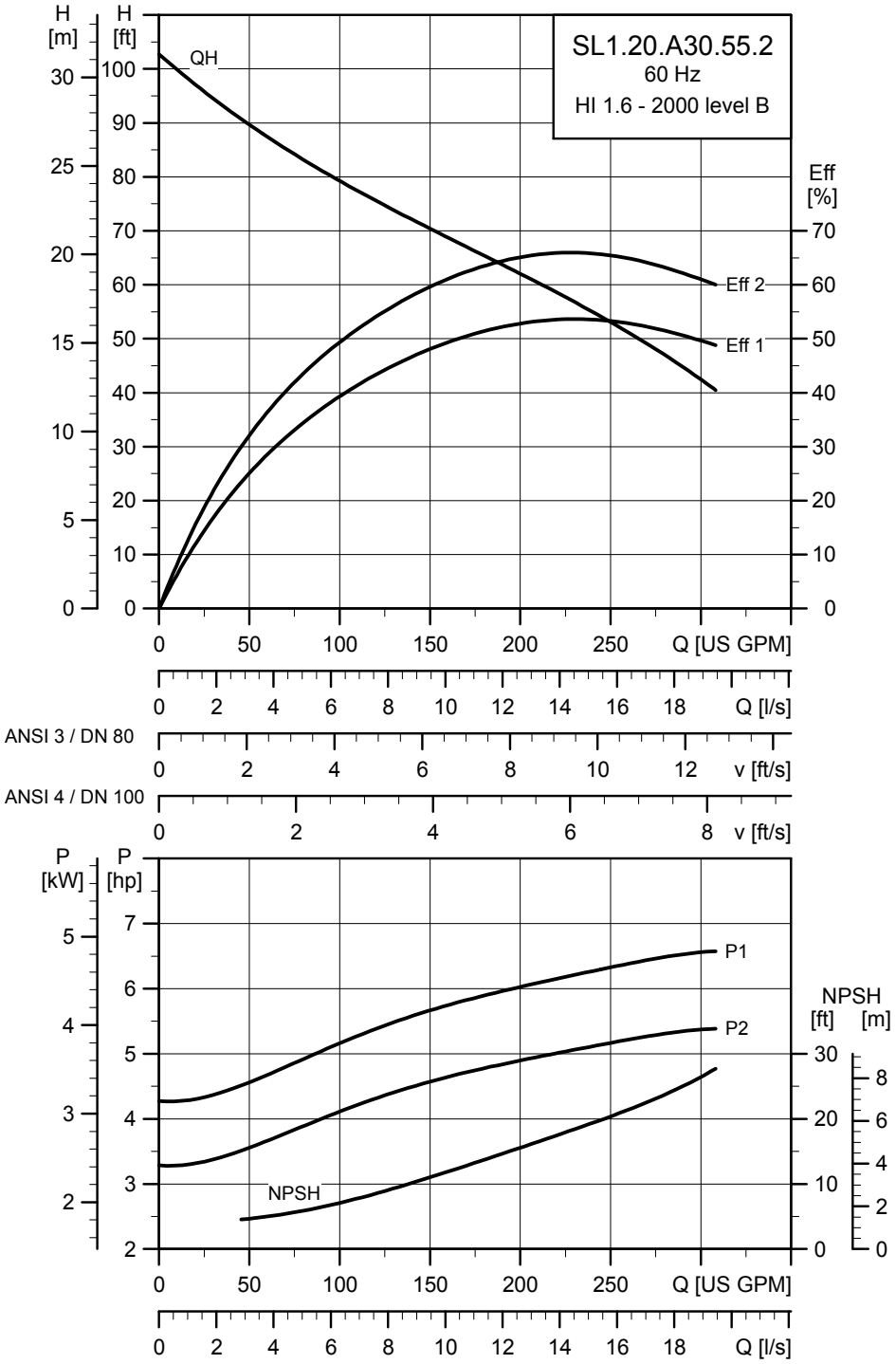
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.20.A30.40.2.61J	3x208-230V D /460V Y	5.1 (3.8)	4 (3)	2	3510	SD	11.6	99.5	72.9	77.2	78.4	0.79	0.86	0.89	1.15	0.23 (0.00956)	22.86 (31)
SL1.20.A30.40.2.61L	3x575V D	5.1 (3.8)	4 (3)	2	3510	SD	4.5	47.9	72.9	77.8	79.6	0.74	0.82	0.87	1.15	0.23 (0.00956)	28.03 (38)
SL1.20.A30.40.2.61H	3x460V D	5.1 (3.8)	4 (3)	2	3510	SD	5.9	63.5	72.5	77.4	79.7	0.66	0.77	0.83	1.15	0.23 (0.00956)	29.5 (40)

Pump data

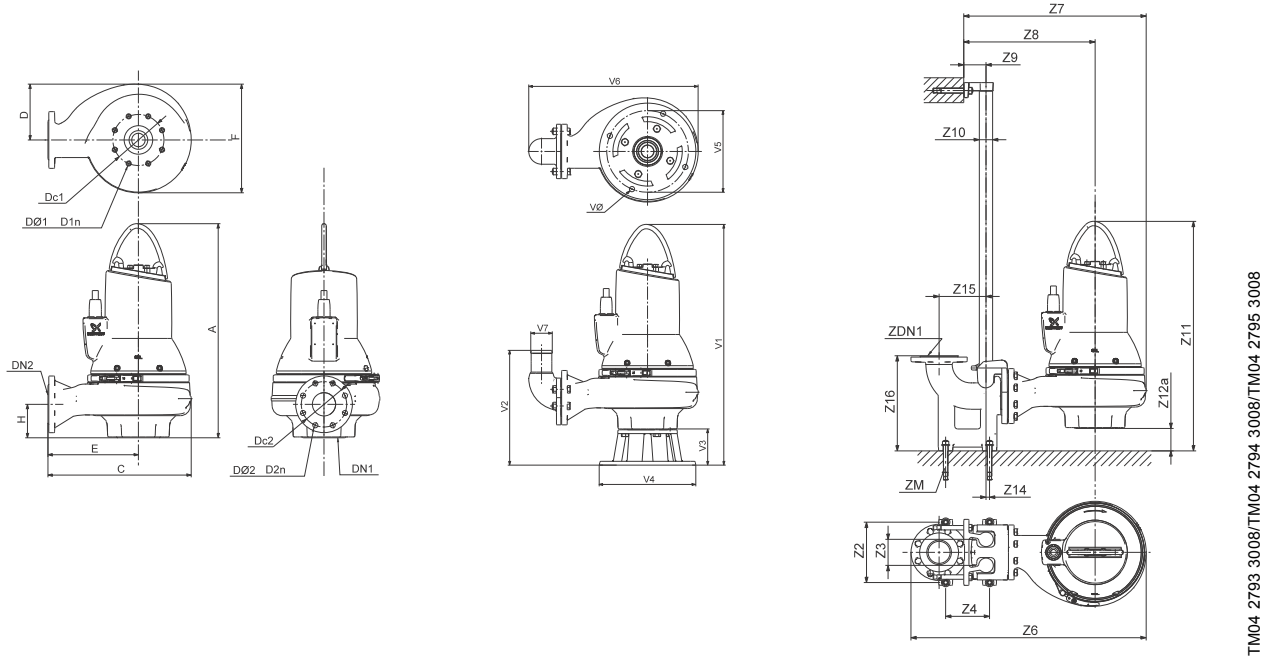
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	2 / 50	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.20.A30.55



TM04 7838 2310

Dimensional sketches: SL1.20.A30.55



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	26.7	16	7.9	8.9	14.9	3.9	2.5	5.5	4xM16	3	6	8x0.75	256.6
[mm]	677	407	200	227	379	69	65	139.70	4xM16	80	152.4	8x19.1	116.4

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	29.9	22.3	15.2	3.2	1.5	31.8	0.03	0.510	6.7	13.6	3	4xM16
[mm]	220	95	160	760	567	387	81	1.5	808	131	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	31.8	13.4	5.1	12.8	10.6	20.7	3.2	0.7
[mm]	807	341	130	325	270	525	80	18

Electrical data

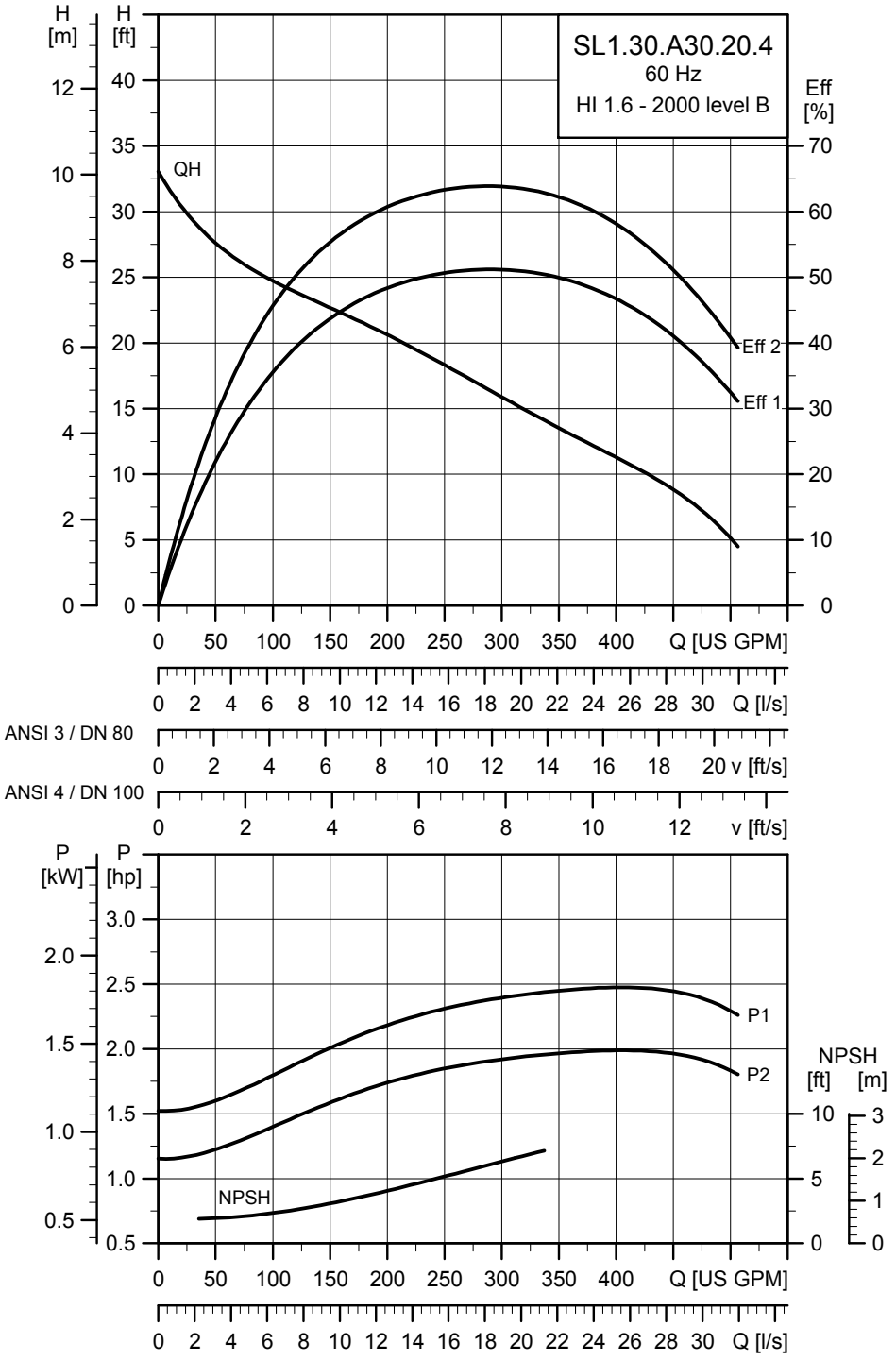
Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.20.A30.55.2.61J	3x208-230V D /460V Y	6.6 (4.9)	5.5 (4)	2	3530	SD	14.8	152	75	79.9	81.7	0.78	0.86	0.90	1.15	0.38 (0.0159)	53.51 (72.5)
SL1.20.A30.55.2.61L	3x575V D	6.6 (4.9)	5.5 (4)	2	3535	SD	5.8	70.8	74.1	79.6	82	0.71	0.82	0.87	1.15	0.38 (0.0159)	44.99 (61)
SL1.20.A30.55.2.61H	3x460V D	6.6 (4.9)	5.5 (4)	2	3540	SD	7.4	96.8	73.6	79.2	82	0.68	0.80	0.85	1.15	0.38 (0.0159)	37.62 (51)

Pump data

Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	2 / 50	10	20	65 / 20	IP68	H	A	104 / 40	4-14

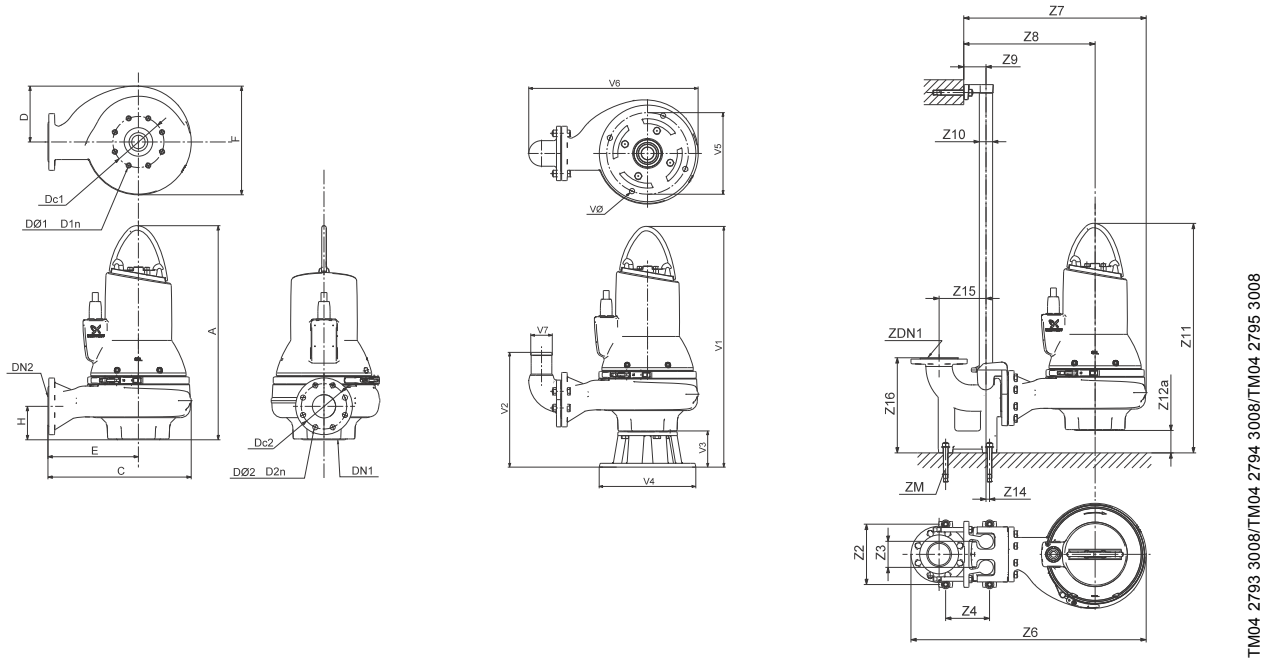
SL1.30.A30

Performance curves: SL1.30.A30.20



TM04 7839 2310

Dimensional sketches: SL1.30.A30.20



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	26.9	17.1	6.7	10.7	14.7	3.9	4	7.5	8xM16	3	6	8x0.75	212.1
[mm]	682	435	171	272	374	89	100	190.5	8xM16	80	152.4	8x19.1	96.2

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	31	23.4	17	3.2	1.5	31.1	0.03	0.510	6.7	13.6	3	4xM16
[mm]	220	95	160	788	595	432	81	1.5	790	111	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	32	14.3	5.1	14	11.8	22.3	3.2	0.7
[mm]	812	364	130	355	300	567	80	19

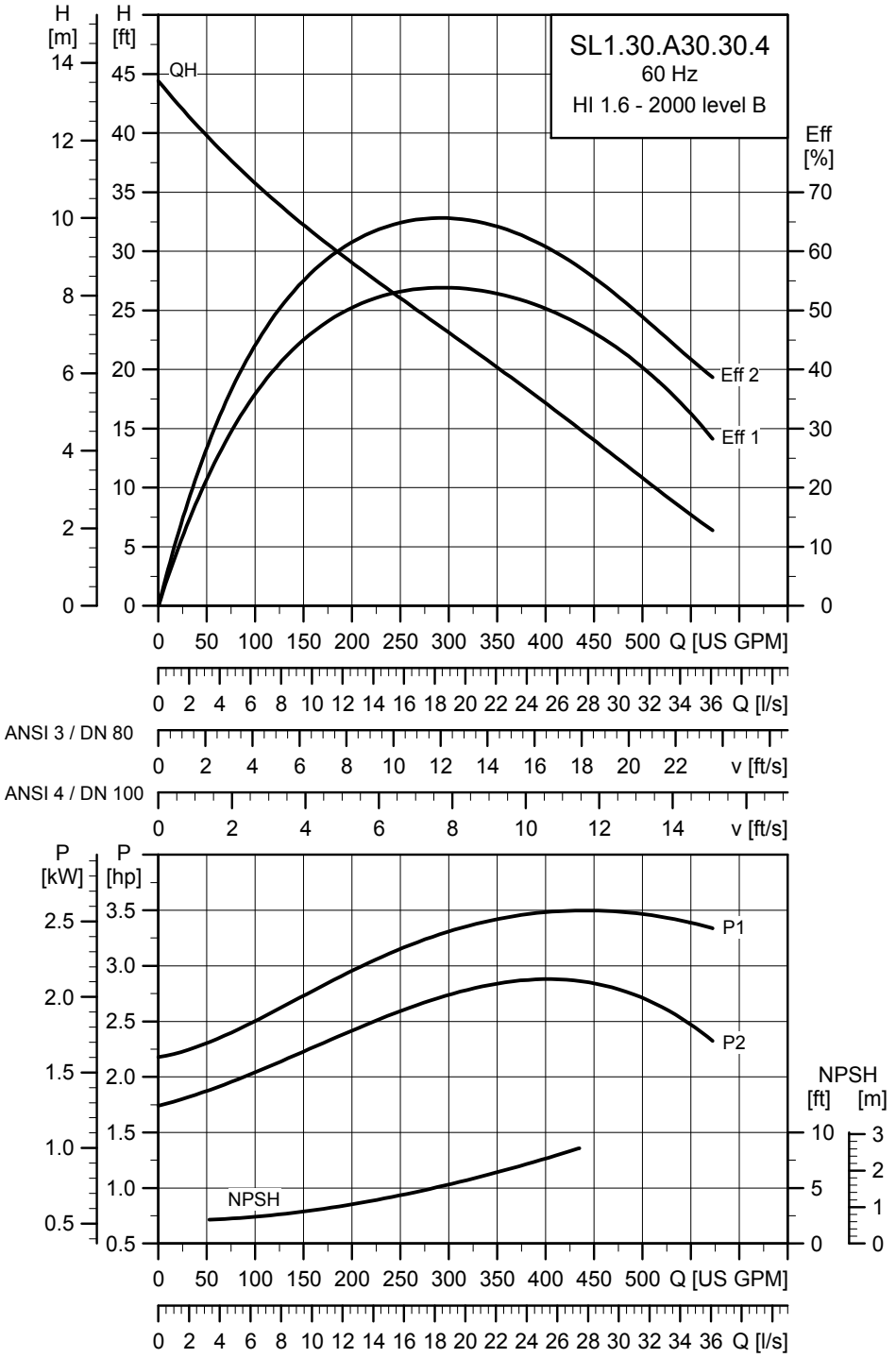
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A30.20.4.60J	3x208-230V D /460V Y	2.5 (1.9)	2 (1.5)	4	1750	DOL	6.6	42.5	69.6	74.4	76.2	0.65	0.74	0.80	1.15	0.67 (0.0284)	19.18 (26)
SL1.30.A30.20.4.60L	3x575V D	2.5 (1.9)	2 (1.5)	4	1750	DOL	2.6	20	68.7	74.4	77	0.59	0.69	0.76	1.15	0.67 (0.0284)	22.86 (31)
SL1.30.A30.20.4.61L	3x575V D	2.5 (1.9)	2 (1.5)	4	1750	SD	2.6	20	68.7	74.4	77	0.59	0.69	0.76	1.15	0.67 (0.0284)	22.86 (31)
SL1.30.A30.20.4.61J	3x208-230V D /460V Y	2.5 (1.9)	2 (1.5)	4	1750	SD	6.6	42.5	69.6	74.4	76.2	0.65	0.74	0.80	1.15	0.67 (0.0284)	19.18 (26)

Pump data

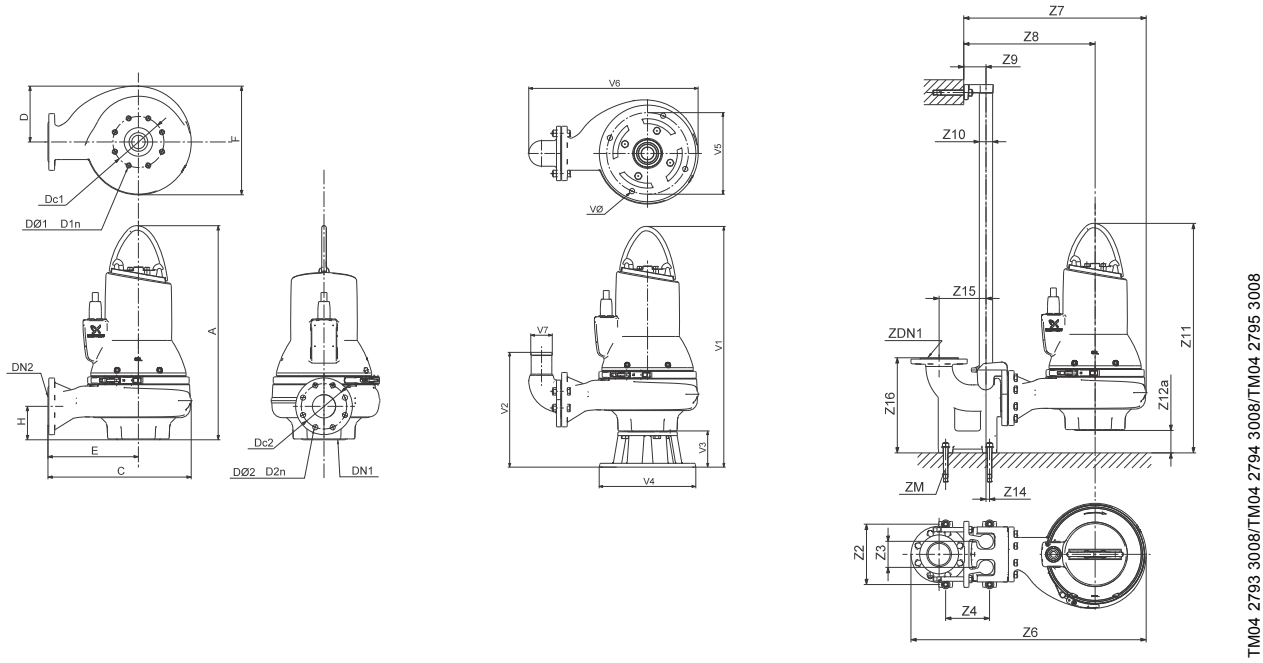
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A30.30



TM04 7840 2310

Dimensional sketches: SL1.30.A30.30



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	26.9	17.1	6.7	10.7	14.7	3.9	4	7.5	8xM16	3	6	8x0.75	242.5
[mm]	682	435	171	272	374	89	100	190.5	8xM16	80	152.4	8x19.1	110

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	31	23.4	17	3.2	1.5	31.1	0.03	0.510	6.7	13.6	3	4xM16
[mm]	220	95	160	788	595	432	81	1.5	790	111	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	32	14.3	5.1	14	11.8	22.3	3.2	0.7
[mm]	812	364	130	355	300	567	80	19

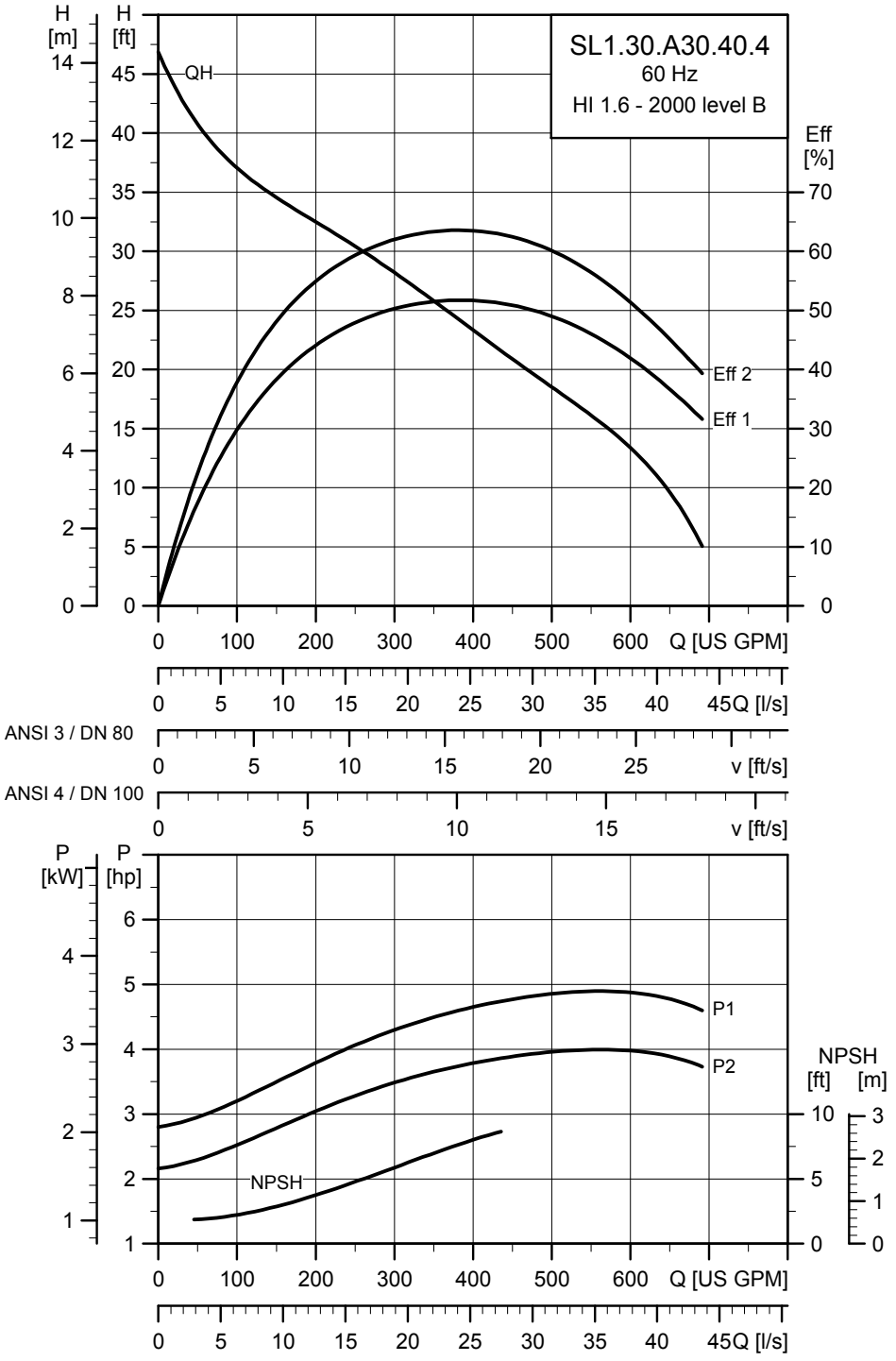
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A30.30.4.61H	3x460V D	3.6 (2.7)	3 (2.2)	4	1770	SD	4.5	39.7	76.9	80.7	83	0.57	0.69	0.76	1.15	1.02 (0.0429)	35.4 (48)
SL1.30.A30.30.4.61J	3x208-230V D /460V Y	3.6 (2.7)	3 (2.2)	4	1750	SD	8.7	61.6	78.2	81.5	82.1	0.69	0.78	0.83	1.15	1.02 (0.0429)	26.55 (36)
SL1.30.A30.30.4.61L	3x575V D	3.6 (2.7)	3 (2.2)	4	1760	SD	3.5	29	77.5	81.3	82.9	0.62	0.72	0.79	1.15	1.02 (0.0429)	32.45 (44)

Pump data

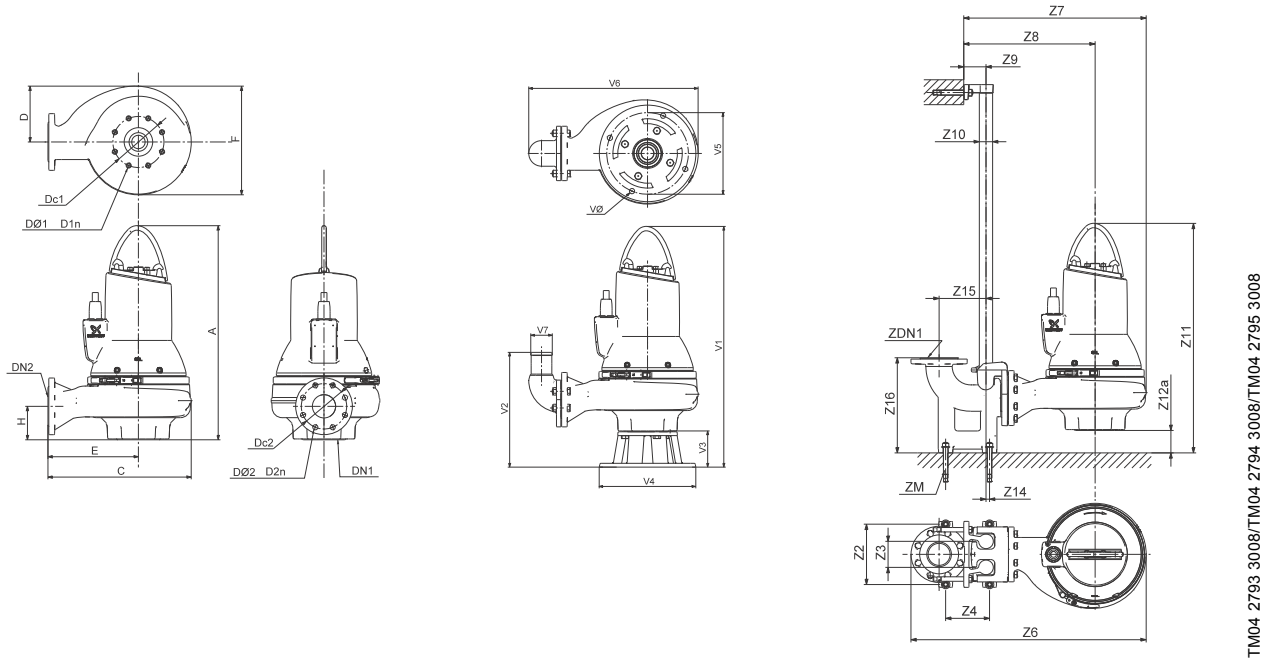
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A30.40



TM04 7841 2310

Dimensional sketches: SL1.30.A30.40



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	28	19.9	7.9	12.6	15.6	4.6	4	7.5	8xM16	3	6	8x0.75	306.9
[mm]	711	505	200	319	397	118	100	190.5	8xM16	80	152.4	8x19.1	139.2

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	33.8	26.2	18.9	3.2	1.5	31.2	0.03	0.510	6.7	13.6	3	4xM16
[mm]	220	95	160	858	666	480	81	1.5	793	82	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	33.1	15.4	5.1	14	11.8	24.5	3.2	0.7
[mm]	841	390	130	355	300	623	80	19

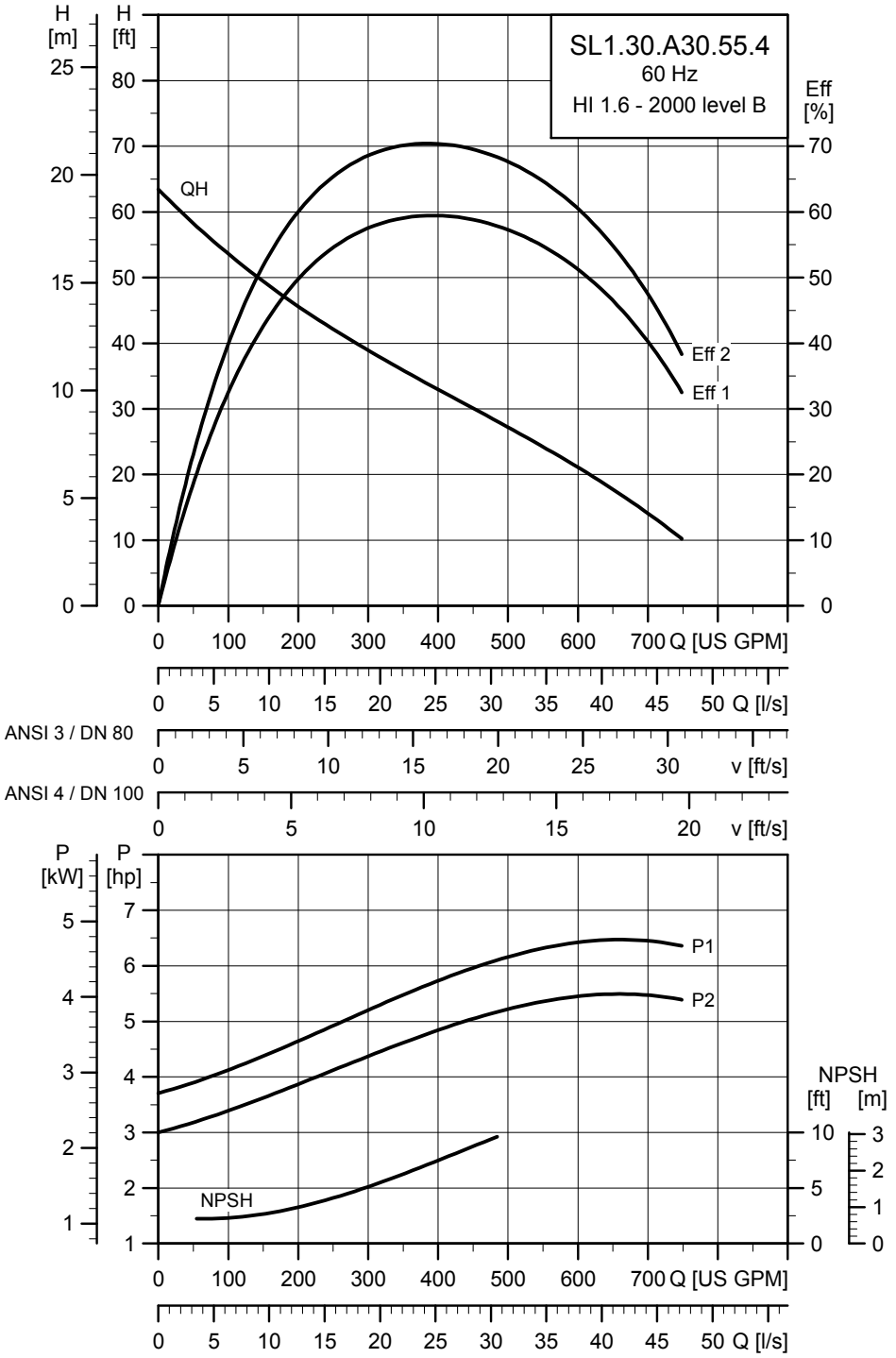
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A30.40.4.61J	3x208-230V D /460V Y	5 (3.7)	4 (3)	4	1760	SD	12	79.5	76	79.8	80.2	0.69	0.80	0.84	1.15	1.35 (0.0569)	38.35 (52)
SL1.30.A30.40.4.61L	3x575V D	5 (3.7)	4 (3)	4	1750	SD	4.8	37.5	75	79.4	81.4	0.61	0.72	0.80	1.15	1.35 (0.0569)	46.47 (63)
SL1.30.A30.40.4.61H	3x460V D	5 (3.7)	4 (3)	4	1760	SD	6.2	51.5	74.6	79.7	81.5	0.56	0.68	0.77	1.15	1.35 (0.0569)	50.89 (69)

Pump data

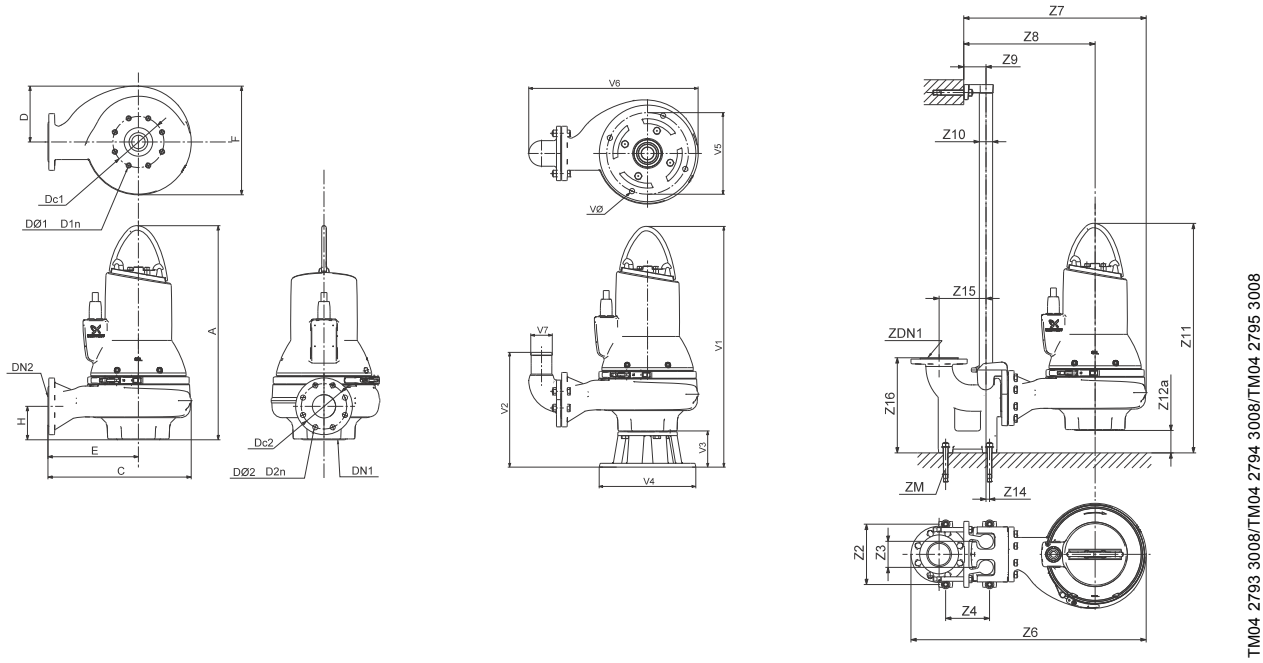
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A30.55



TM04 7842 2310

Dimensional sketches: SL1.30.A30.55



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	29.4	19.9	7.9	12.6	15.6	4.6	4	7.5	8xM16	3	6	8x0.75	318.3
[mm]	748	505	200	319	397	118	100	190.5	8xM16	80	152.4	8x19.1	144.4

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	33.8	26.2	18.9	3.2	1.5	32.7	0.03	0.510	6.7	13.6	3	4xM16
[mm]	220	95	160	858	666	480	81	1.5	830	82	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	34.6	15.4	5.1	14	11.8	24.5	3.2	0.7
[mm]	878	390	130	355	300	623	80	19

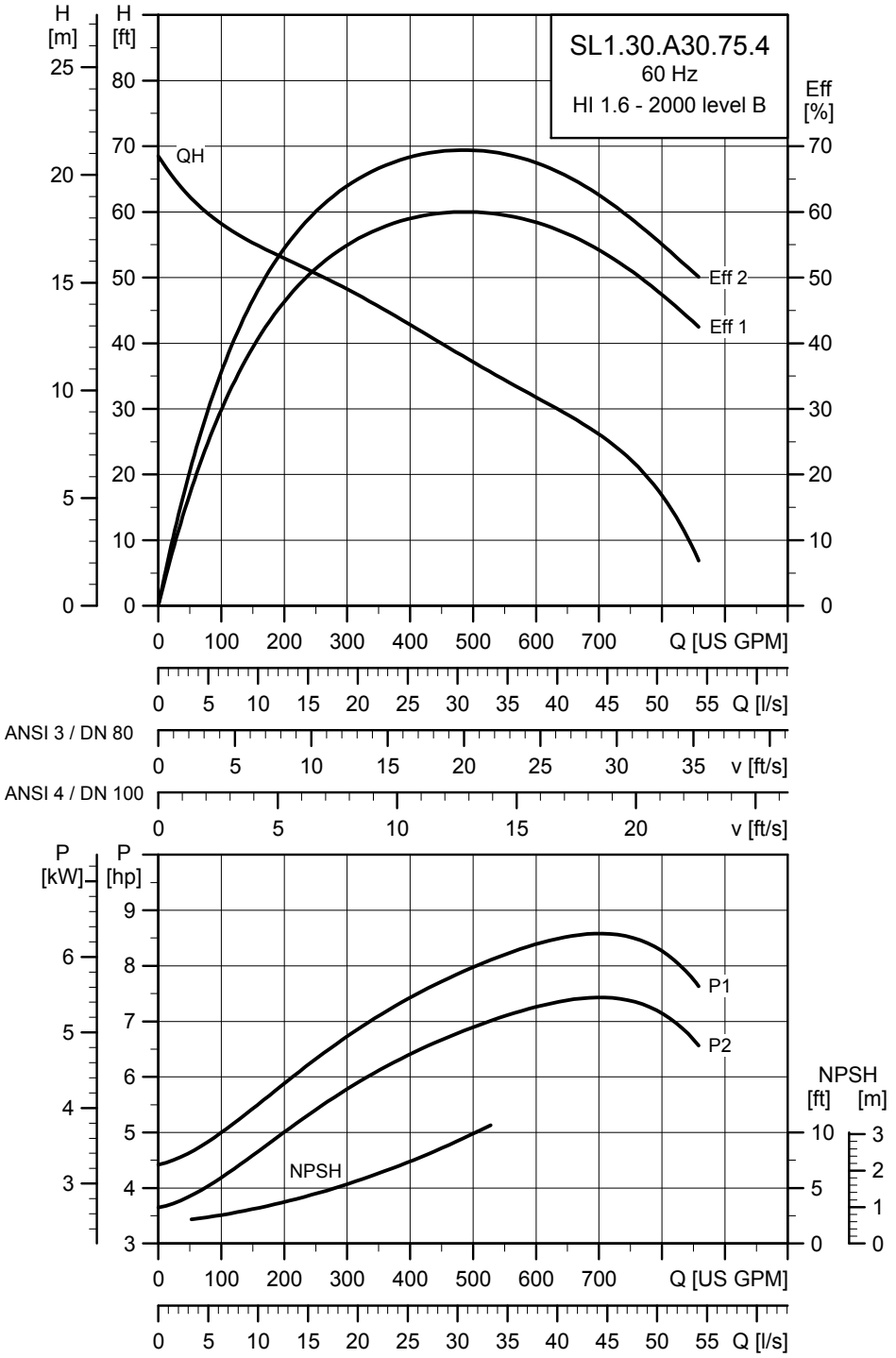
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A30.55.4.61J	3x208-230V D /460V Y	6.4 (4.8)	5.5 (4)	4	1760	SD	16.1	79.4	79.9	83.3	83.9	0.61	0.74	0.80	1.15	1.73 (0.073)	81.58 (110.6)
SL1.30.A30.55.4.61L	3x575V D	6.4 (4.8)	5.5 (4)	4	1765	SD	6.5	37.5	79.2	83.3	84.7	0.54	0.67	0.75	1.15	1.73 (0.073)	68.59 (93)
SL1.30.A30.55.4.61H	3x460V D	6.4 (4.8)	5.5 (4)	4	1770	SD	8.5	51.5	78.3	82.6	84.4	0.50	0.64	0.72	1.15	1.73 (0.073)	74.49 (101)

Pump data

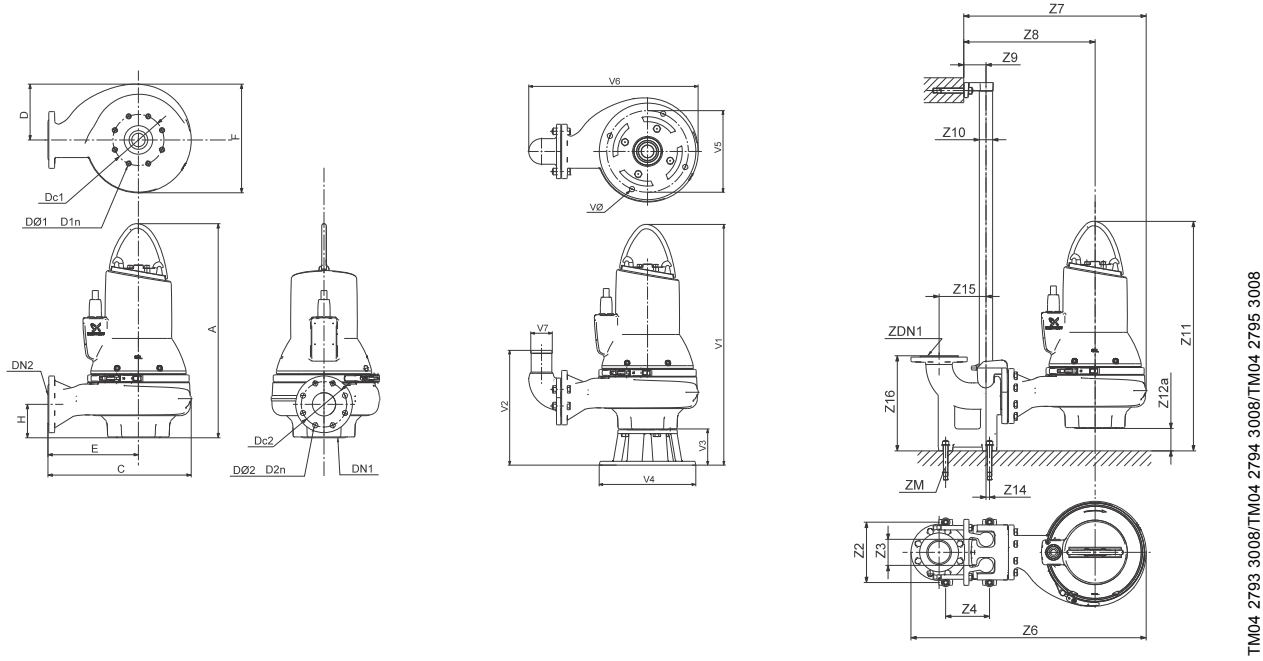
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A30.75



TM04 7843 2310

Dimensional sketches: SL1.30.A30.75



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	29.7	19.9	7.9	12.6	15.6	4.6	4	7.5	8xM16	3	6	8x0.75	332.7
[mm]	755	505	200	319	397	118	100	190.5	8xM16	80	152.4	8x19.1	150.9

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	33.8	26.2	18.9	3.2	1.5	33	0.03	0.51	6.7	13.6	3	4xM16
[mm]	220	95	160	858	666	480	81	1.5	837	82	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	34.8	15.4	5.1	14	11.8	24.5	3.2	0.7
[mm]	885	390	130	355	300	623	80	19

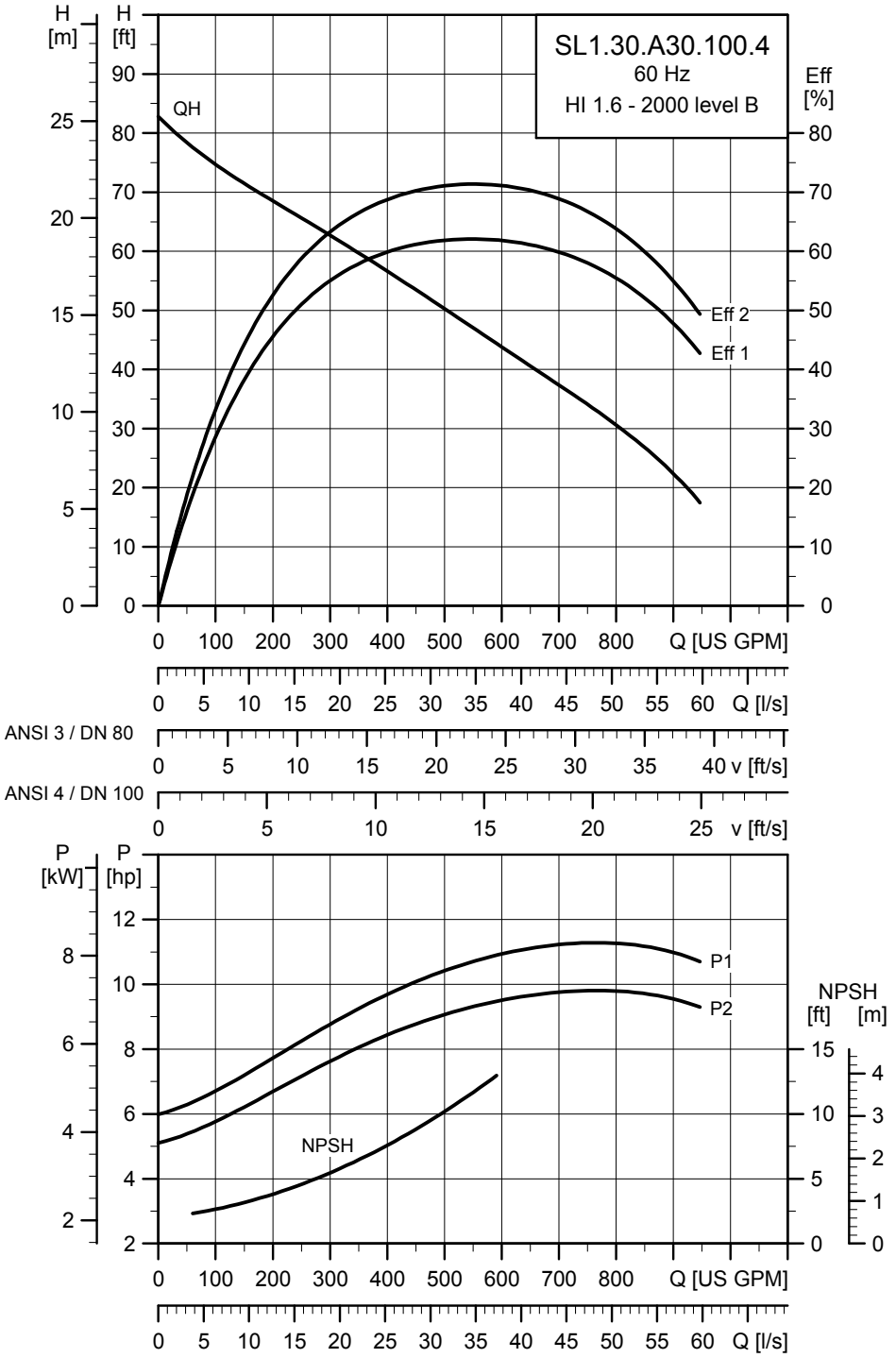
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A30.75.4.61J	3x208-230V D /460 V Y	8.6 (6.4)	7.5 (5.5)	4	1760	SD	20	126	83.2	85.6	85.8	0.77	0.84	0.87	1.15	2.39 (0.10056)	90.41 (122.58)
SL1.30.A30.75.4.61L	3x575V D	8.6 (6.4)	7.5 (5.5)	4	1765	SD	7.8	59.3	83.5	86.6	87.3	0.69	0.79	0.84	1.15	2.39 (0.10056)	75.97 (103)
SL1.30.A30.75.4.61H	3x460V D	8.6 (6.4)	7.5 (5.5)	4	1770	SD	10	81.4	82.9	86.3	87.2	0.65	0.75	0.81	1.15	2.39 (0.10056)	83.34 (113)

Pump data

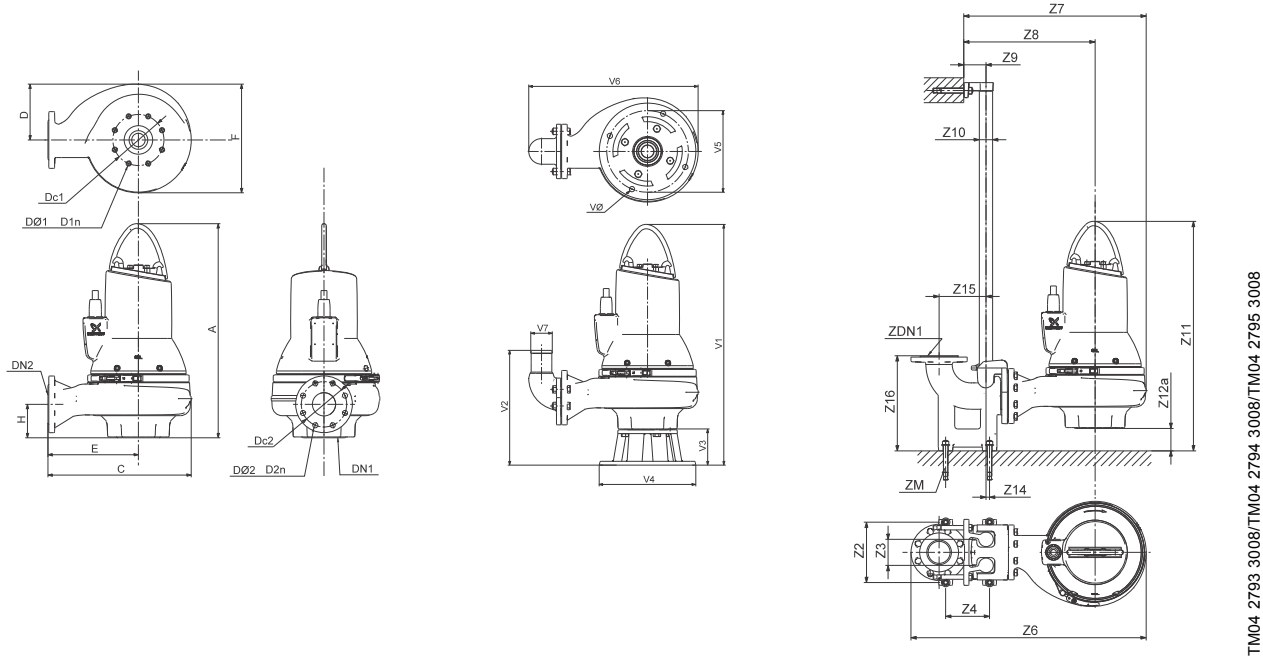
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A30.100



TM04 7844 2310

Dimensional sketches: SL1.30.A30.100



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	32.2	20.9	8.5	12.9	16.7	4.6	4	7.5	8xM16	3	6	8 x 0.75	435.9
[mm]	818	530	217	328	423	115	100	190.5	8xM16	80	152.4	8 x 19.1	197.7

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	8.7	3.7	6.3	34.8	27.2	19.3	3.2	1.5	35.4	0.03	0.510	6.7	13.6	3	4xM16
[mm]	220	95	160	883	690	489	81	1.5	900	85	13	171	345	80	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	37.3	15.4	5.1	14	11.8	25.5	3.2	0.7
[mm]	948	390	130	355	300	648	80	19

Electrical data

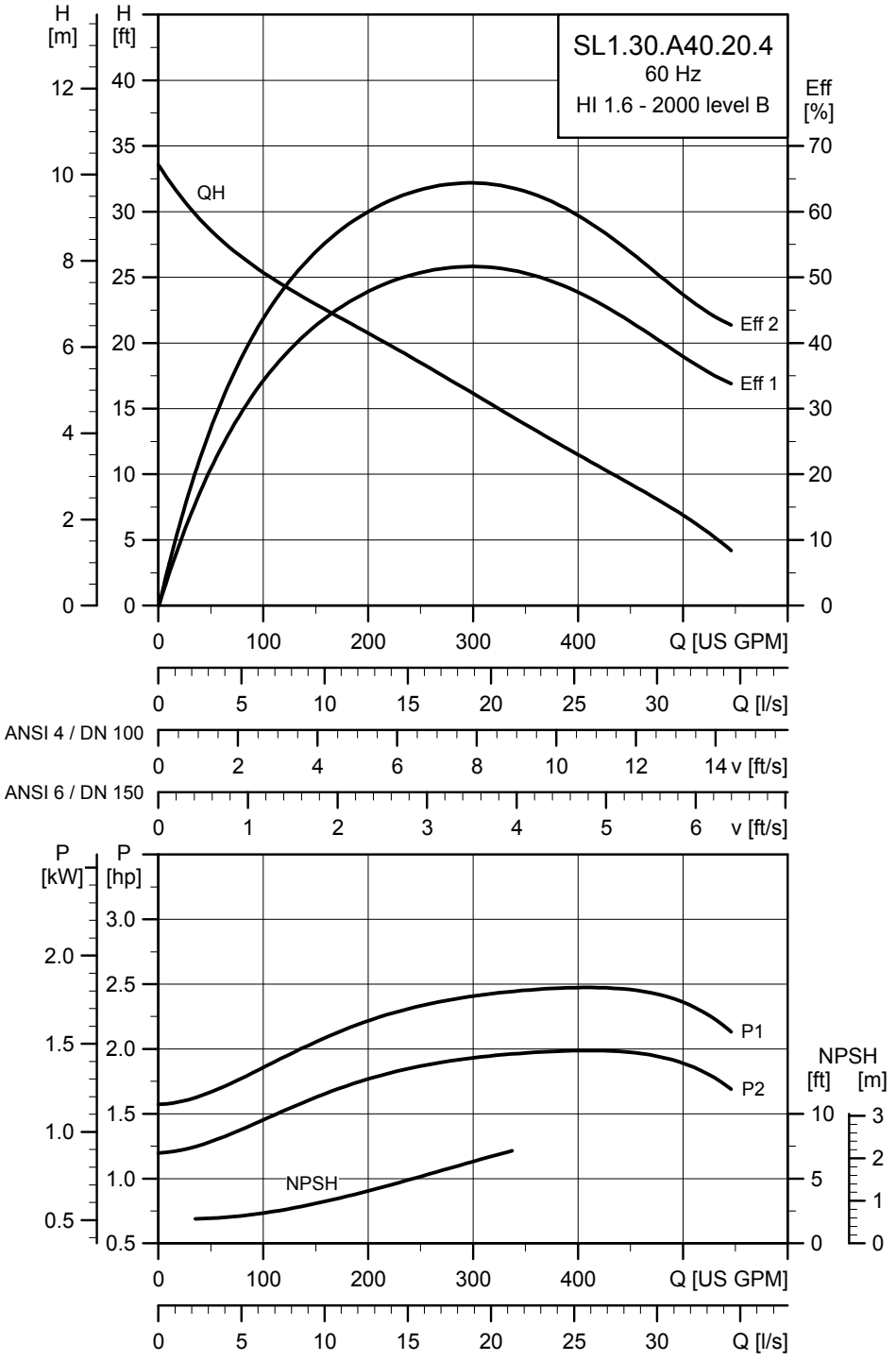
Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A30.100.4.61J	3x208-230V D /460V Y	11.5 (8.6)	10 (7.5)	4	1760	SD	26.6	174	85.6	86.9	86.4	0.80	0.86	0.89	1.15	3.18 (0.134)	75.23 (102)
SL1.30.A30.100.4.61L	3x575V D	11.5 (8.6)	10 (7.5)	4	1760	SD	10.2	81.2	85.3	87.4	87.9	0.74	0.83	0.86	1.15	3.18 (0.134)	104.73 (142)
SL1.30.A30.100.4.61H	3x460V D	11.5 (8.6)	10 (7.5)	4	1765	SD	13	111	85	87.6	88.1	0.70	0.80	0.85	1.15	3.18 (0.134)	114.32 (155)

Pump data

Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

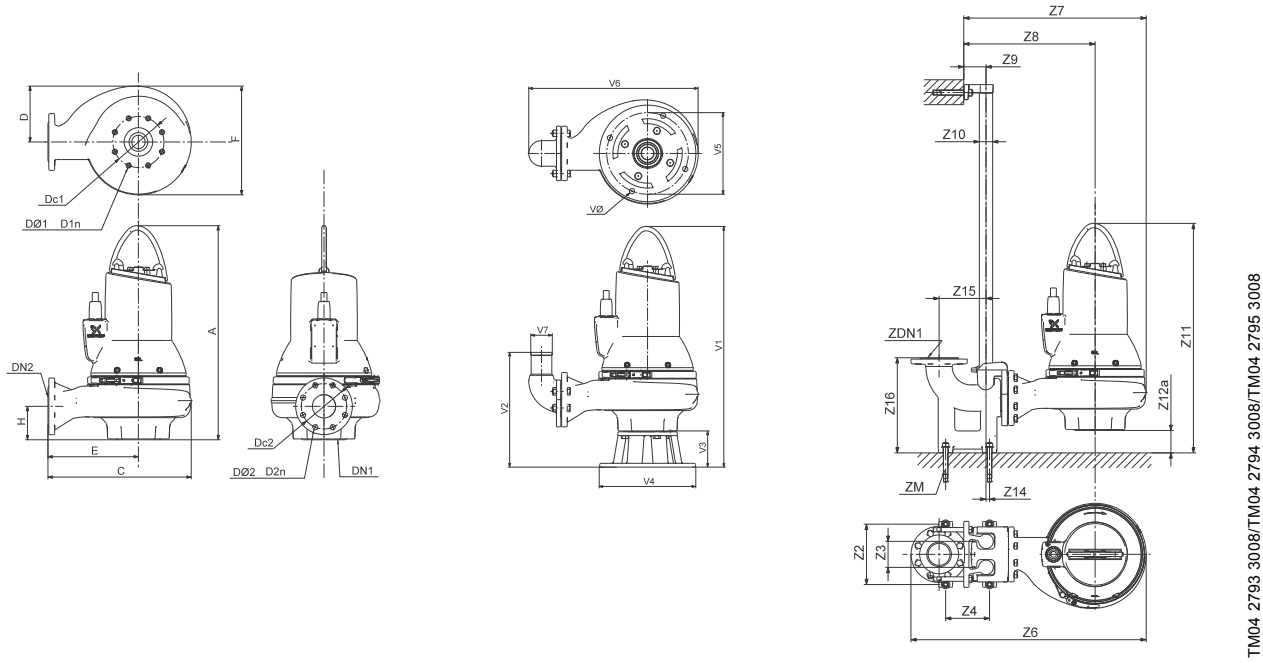
SL1.30.A40

Performance curves: SL1.30.A40.20



TM04 7845 2310

Dimensional sketches: SL1.30.A40.20



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	26.9	17.1	6.7	10.7	13.7	4.4	4	7.5	8xM16	4	7.5	8x0.75	214.3
[mm]	682	435	171	272	347	90	100	190.5	8xM16	100	190.5	8x19.1	97.2

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	34.6	25.7	19.3	4.3	2	32.7	0.03	0	8.7	16.3	4	4xM16
[mm]	260	110	220	878	652	489	110	2	830	150	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	32	14.5	5.1	13.976	11.8	23.3	3.9	0.7
[mm]	812	369	130	355	300	591	100	19

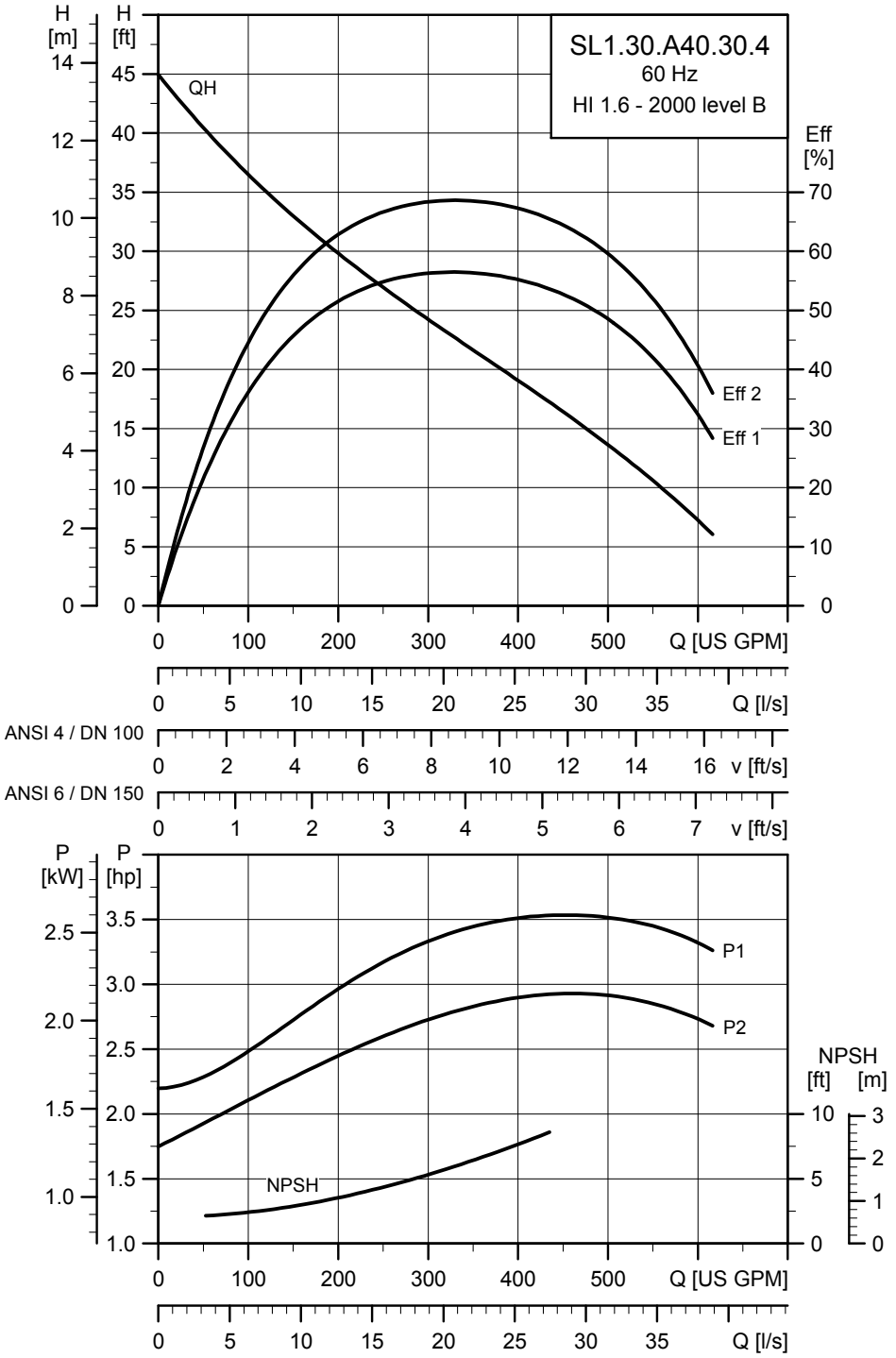
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A40.20.4.60J	3x208-230V D /460V Y	2.5 (1.9)	2 (1.5)	4	1750	DOL	6.6	42.5	69.6	74.4	76.2	0.65	0.74	0.80	1.15	0.67 (0.0284)	19.18 (26)
SL1.30.A40.20.4.60L	3x575V D	2.5 (1.9)	2 (1.5)	4	1750	DOL	2.6	20	68.7	74.4	77	0.59	0.69	0.76	1.15	0.67 (0.0284)	22.86 (31)
SL1.30.A40.20.4.61L	3x575V D	2.5 (1.9)	2 (1.5)	4	1750	SD	2.6	20	68.7	74.4	77	0.59	0.69	0.76	1.15	0.67 (0.0284)	22.86 (31)
SL1.30.A40.20.4.61J	3x208-230V D /460 V Y	2.5 (1.9)	2 (1.5)	4	1750	SD	6.6	42.5	69.6	74.4	76.2	0.65	0.74	0.80	1.15	0.67 (0.0284)	19.18 (26)

Pump data

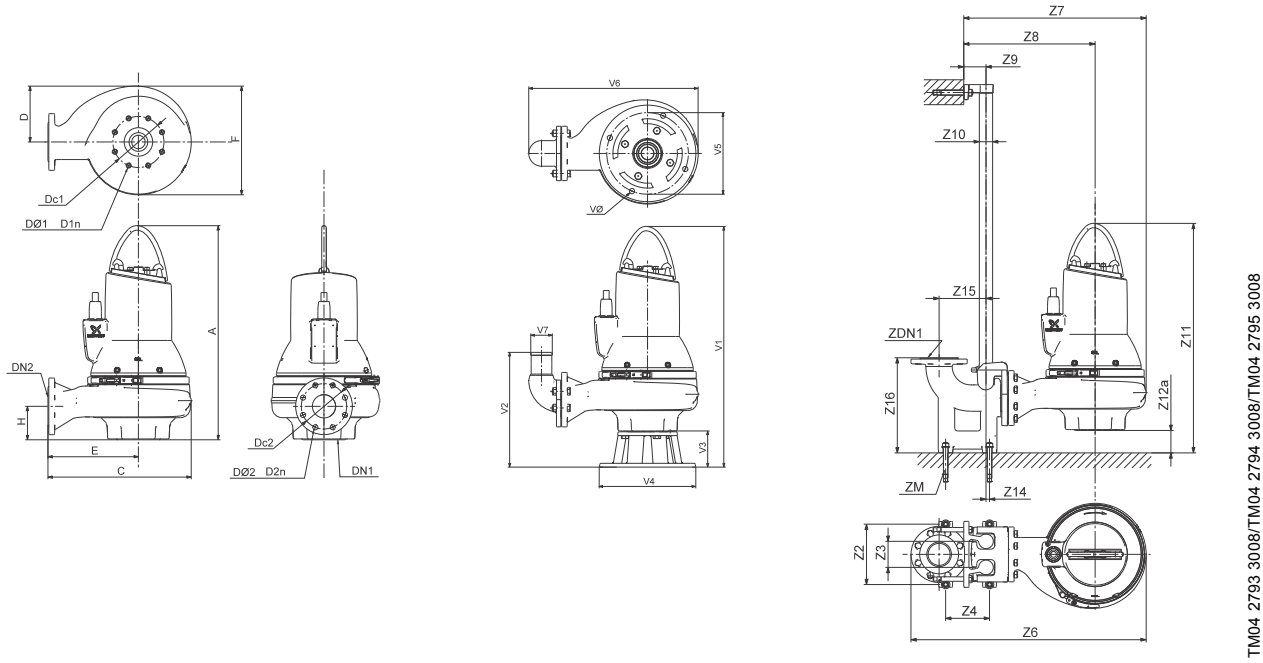
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A40.30



TM04 7846 2310

Dimensional sketches: SL1.30.A40.30



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	26.9	17.1	6.7	10.7	13.7	4.4	4	7.5	8xM16	4	7.5	8x0.75	244.7
[mm]	682	435	171	272	347	90	100	190.5	8xM16	100	190.5	8x19.1	111

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	34.6	25.7	19.3	4.3	2	32.7	0.03	0	8.7	16.3	4	4xM16
[mm]	260	110	220	878	652	489	110	2	830	150	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	32	14.5	5.1	13.976	11.8	23.3	3.9	0.7
[mm]	812	369	130	355	300	591	100	19

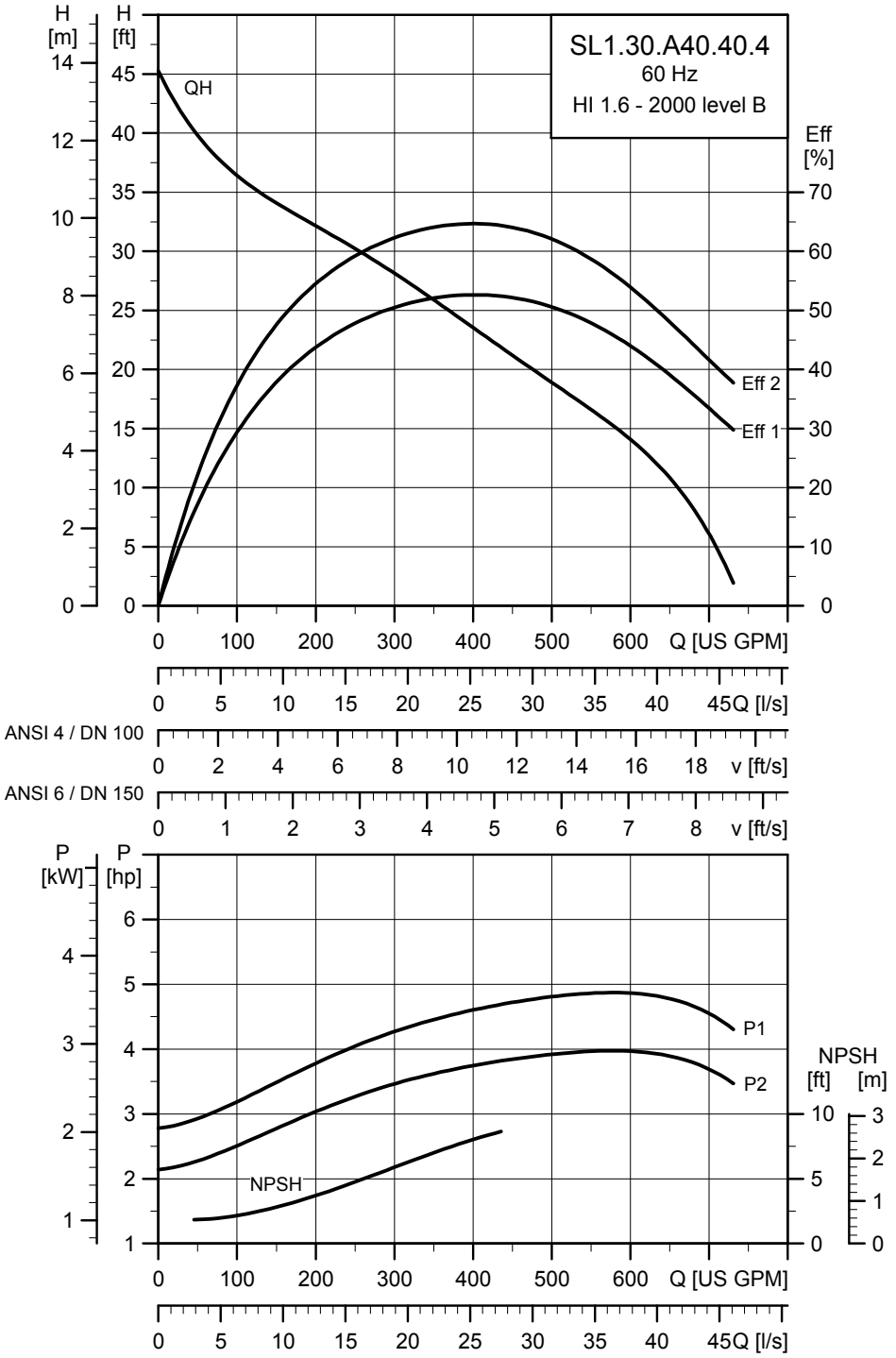
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A40.30.4.61J	3x208-230V D /460 V Y	3.6 (2.7)	3 (2.2)	4	1750	SD	8.7	61.6	78.2	81.5	82.1	0.69	0.78	0.83	1.15	1.02 (0.0429)	26.55 (36)
SL1.30.A40.30.4.61H	3x460V D	3.6 (2.7)	3 (2.2)	4	1770	SD	4.5	39.7	76.9	80.7	83	0.57	0.69	0.76	1.15	1.02 (0.0429)	35.4 (48)
SL1.30.A40.30.4.61L	3x575V D	3.6 (2.7)	3 (2.2)	4	1760	SD	3.5	29	77.5	81.3	82.9	0.62	0.72	0.79	1.15	1.02 (0.0429)	32.45 (44)

Pump data

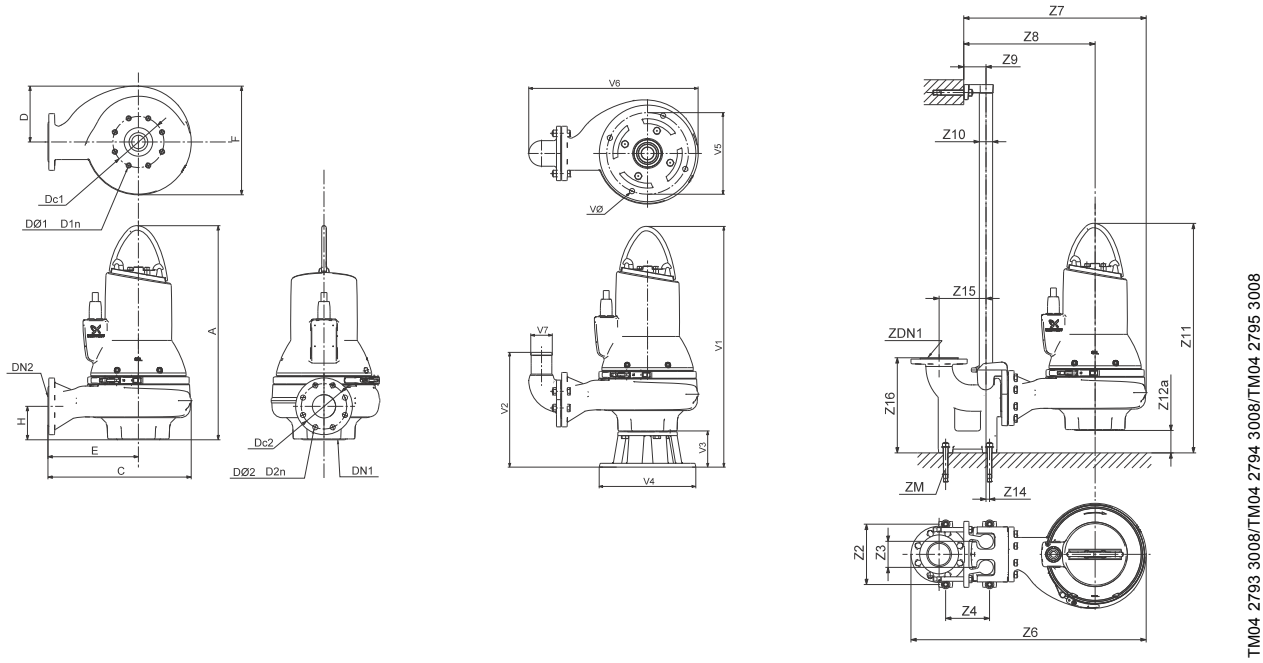
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A40.40



TM04 7847 2310

Dimensional sketches: SL1.30.A40.40



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	28.6	19.9	7.9	12.6	15.6	4.6	4	7.5	8xM16	4	7.5	8x0.75	309.1
[mm]	726	505	200	319	397	115	100	190.5	8xM16	100	190.5	8x19.1	140.2

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	37.3	28.4	21.1	4.3	2	32.7	0.03	0	8.7	16.3	4	4xM16
[mm]	260	110	220	948	722	536	110	2	830	125	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	33.7	15.6	5.1	13.976	11.8	25.5	3.9	0.7
[mm]	856	395	130	355	300	647	100	19

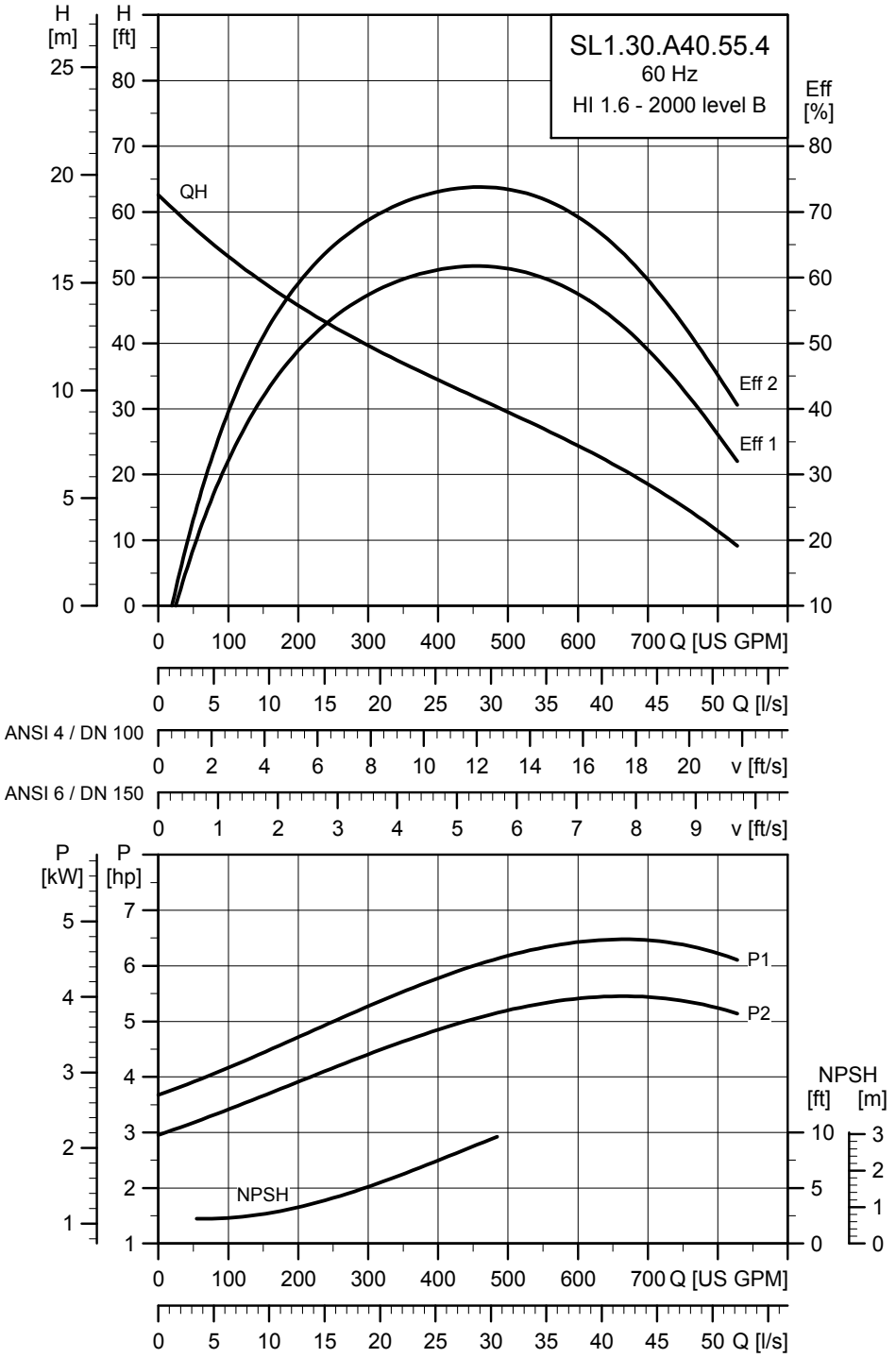
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A40.40.4.61J	3x208-230V D /460V Y	5 (3.7)	4 (3)	4	1760	SD	12	79.5	76	79.8	80.2	0.69	0.80	0.84	1.15	1.35 (0.0569)	38.35 (52)
SL1.30.A40.40.4.61L	3x575V D	5 (3.7)	4 (3)	4	1750	SD	4.8	37.5	75	79.4	81.4	0.61	0.72	0.80	1.15	1.35 (0.0569)	46.47 (63)
SL1.30.A40.40.4.61H	3x460V D	5 (3.7)	4 (3)	4	1760	SD	6.2	51.5	74.6	79.7	81.5	0.56	0.68	0.77	1.15	1.35 (0.0569)	50.89 (69)

Pump data

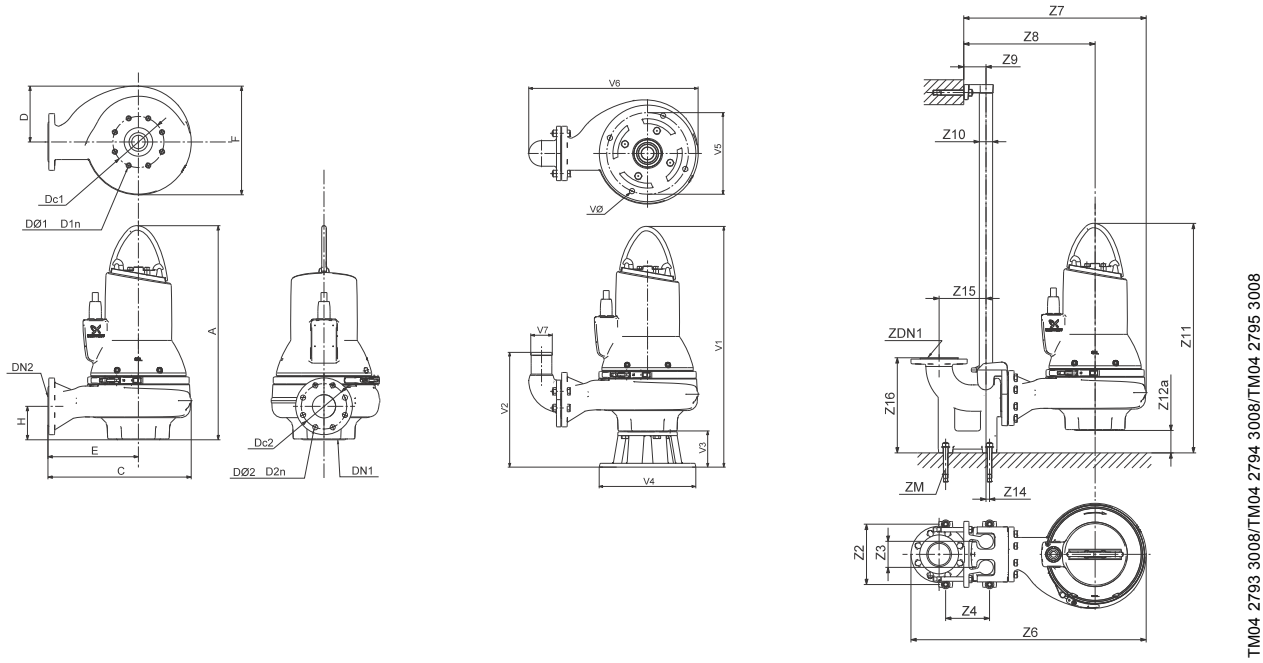
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A40.55



TM04 7848 2310

Dimensional sketches: SL1.30.A40.55



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	29.4	19.9	7.9	12.6	15.6	4.6	4	7.5	8xM16	4	7.5	8x0.75	320.6
[mm]	748	505	200	319	397	115	100	190.5	8xM16	100	190.5	8x19.1	145.4

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	37.3	28.4	21.1	4.3	2	34.3	0.03	0	8.7	16.3	4	4xM16
[mm]	260	110	220	948	722	536	110	2	870	125	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	34.6	15.6	5.1	13.976	11.8	25.5	3.9	0.7
[mm]	878	395	130	355	300	647	100	19

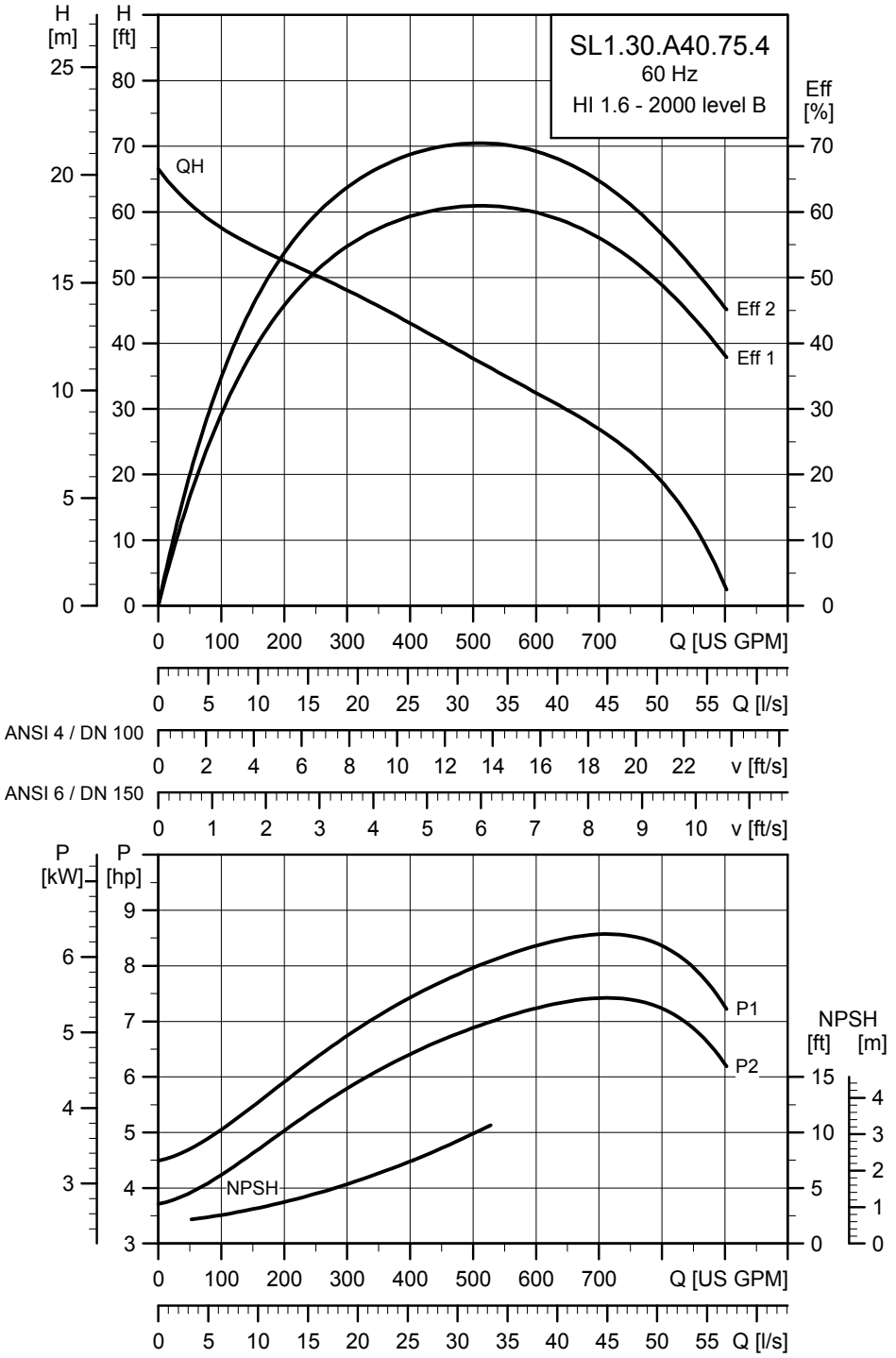
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A40.55.4.61J	3x208-230V D /460V Y	6.4 (4.8)	5.5 (4)	4	1760	SD	16.1	79.4	79.9	83.3	83.9	0.61	0.74	0.80	1.15	1.73 (0.073)	81.58 (110.6)
SL1.30.A40.55.4.61L	3x575V D	6.4 (4.8)	5.5 (4)	4	1765	SD	6.5	37.5	79.2	83.3	84.7	0.54	0.67	0.75	1.15	1.73 (0.073)	68.59 (93)
SL1.30.A40.55.4.61H	3x460V D	6.4 (4.8)	5.5 (4)	4	1770	SD	8.5	51.5	78.3	82.6	84.4	0.50	0.64	0.72	1.15	1.73 (0.073)	74.49 (101)

Pump data

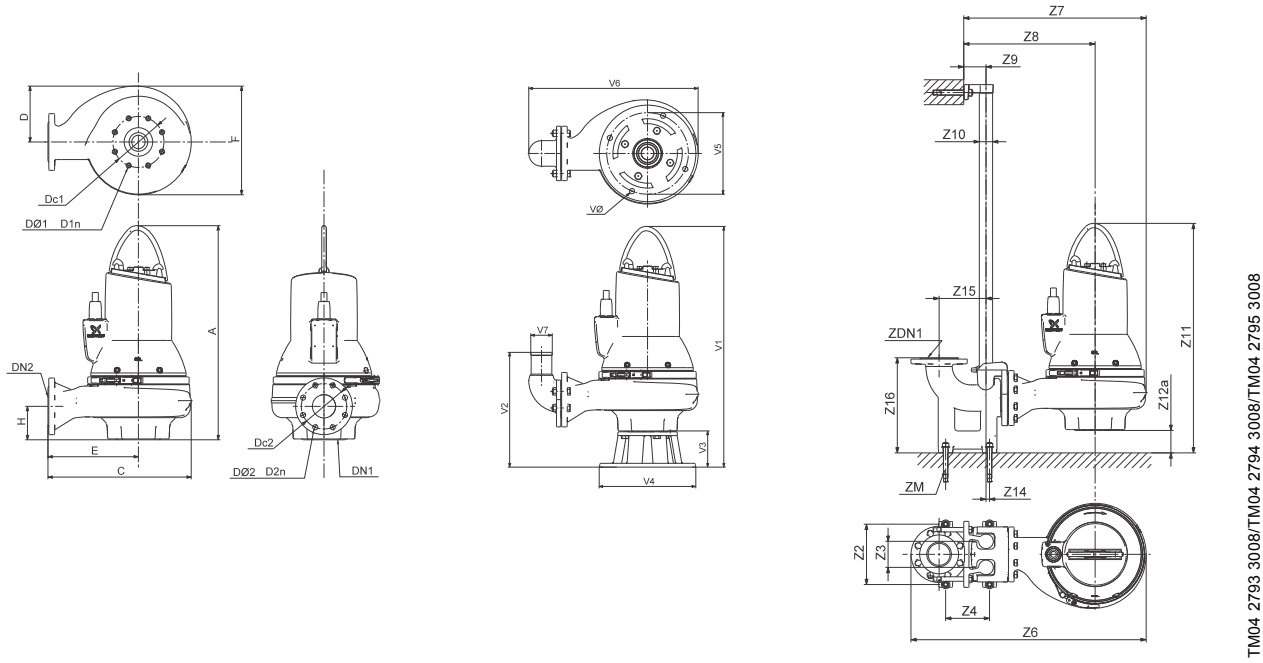
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A40.75



TM04 7849 2310

Dimensional sketches: SL1.30.A40.75



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	29.7	19.9	7.9	12.6	15.6	4.6	4	7.5	8xM16	4	7.5	8x0.75	334.9
[mm]	755	505	200	319	397	115	100	190.5	8xM16	100	190.5	8x19.1	151.9

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	37.3	28.4	21.1	4.3	2	34.3	0.03	0	8.7	16.3	4	4xM16
[mm]	260	110	220	948	722	536	110	2	870	125	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	34.8	15.6	5.1	13.976	11.8	25.5	3.9	0.7
[mm]	885	395	130	355	300	647	100	19

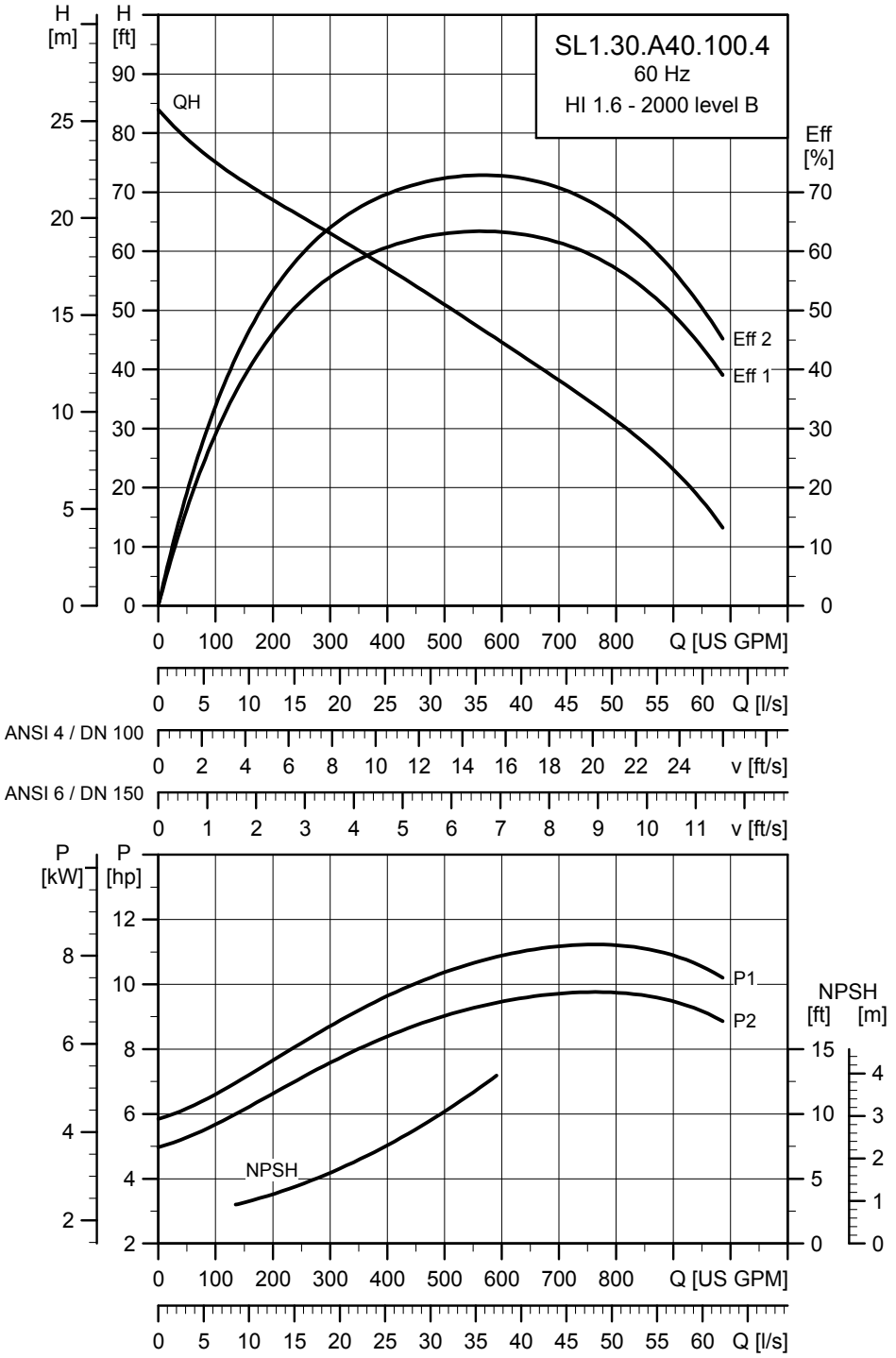
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A40.75.4.61J	3x208-230V D /460V Y	8.6 (6.4)	7.5 (5.5)	4	1760	SD	20	126	83.2	85.6	85.8	0.77	0.84	0.87	1.15	2.39 (0.10056)	90.41 (122.58)
SL1.30.A40.75.4.61L	3x575V D	8.6 (6.4)	7.5 (5.5)	4	1765	SD	7.8	59.3	83.5	86.6	87.3	0.69	0.79	0.84	1.15	2.39 (0.10056)	75.97 (103)
SL1.30.A40.75.4.61H	3x460V D	8.6 (6.4)	7.5 (5.5)	4	1770	SD	10	81.4	82.9	86.3	87.2	0.65	0.75	0.81	1.15	2.39 (0.10056)	83.34 (113)

Pump data

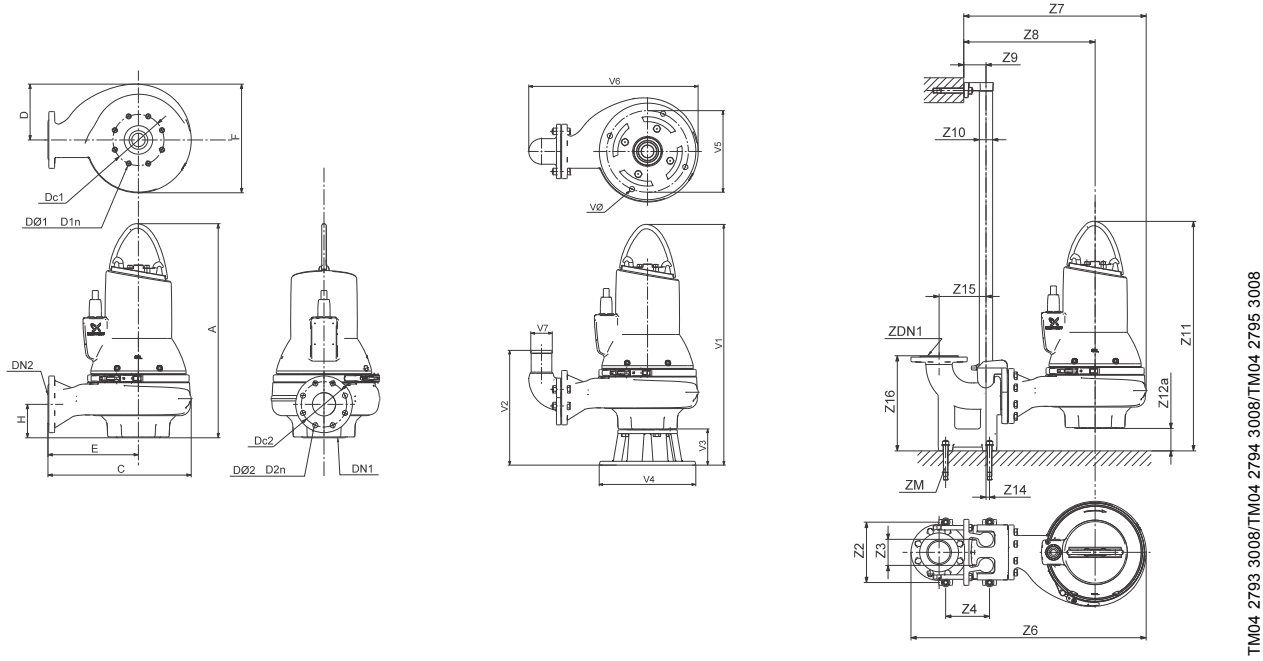
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.30.A40.100



TM04 7850 2310

Dimensional sketches: SL1.30.A40.100



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	32.2	20.9	8.5	12.9	16.7	4.6	4	7.5	8xM16	4	7.5	8x0.75	437.8
[mm]	818	530	217	328	423	116	100	190.5	8xM16	100	190.5	8x19.1	198.6

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	38.3	29.4	21.5	4.3	2	37	0.03	0	8.7	16.3	4	4xM16
[mm]	260	110	220	972	747	545	110	2	940	124	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	37.3	15.6	5.1	13.976	11.8	26.5	3.9	0.7
[mm]	948	395	130	355	300	672	100	19

Electrical data

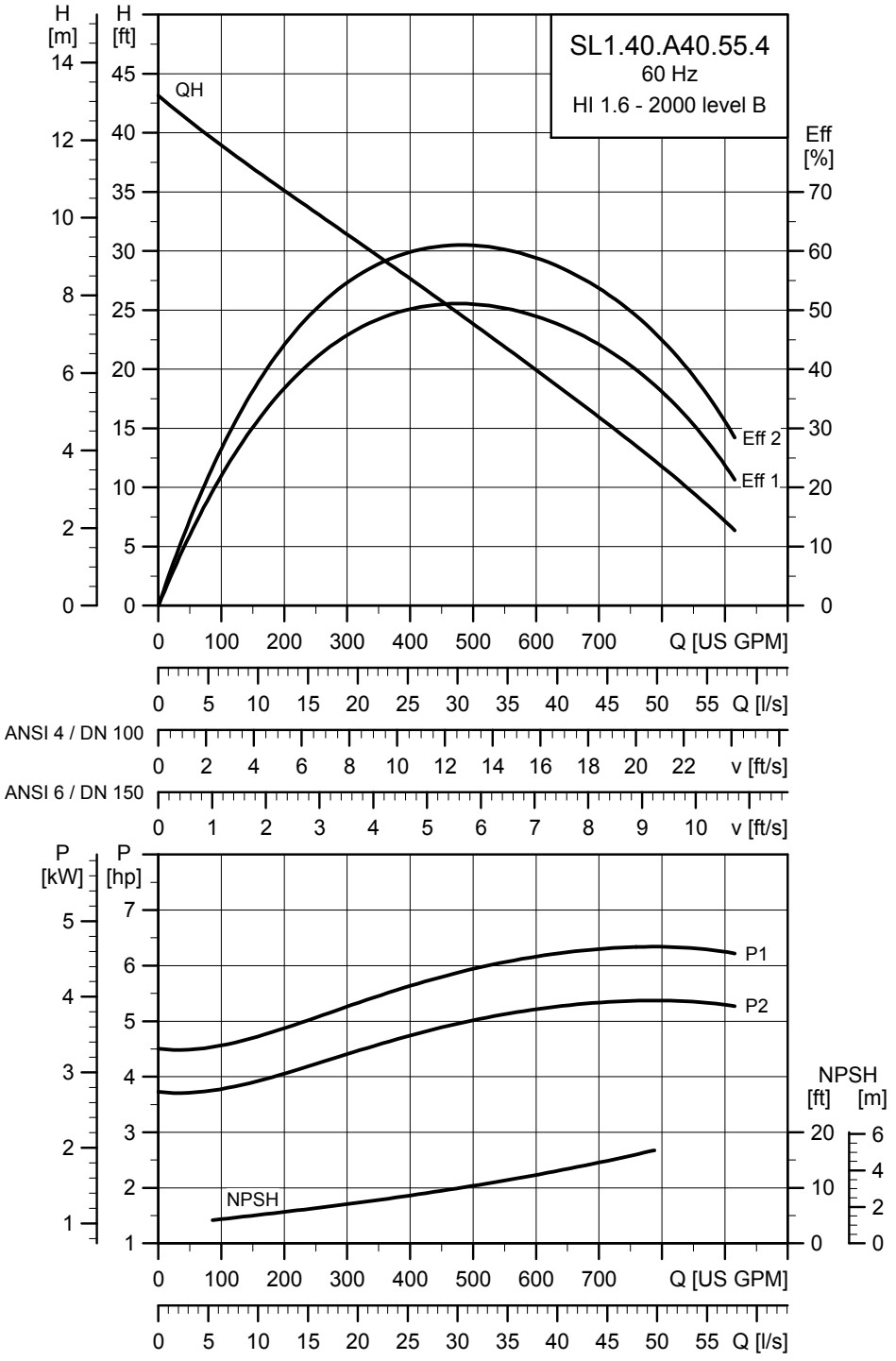
Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.30.A40.100.4.61J	3x208-230V D /460 V Y	11.5 (8.6)	10 (7.5)	4	1760	SD	26.6	174	85.6	86.9	86.4	0.80	0.86	0.89	1.15	3.18 (0.134)	75.23 (102)
SL1.30.A40.100.4.61L	3x575V D	11.5 (8.6)	10 (7.5)	4	1760	SD	10.2	81.2	85.3	87.4	87.9	0.74	0.83	0.86	1.15	3.18 (0.134)	104.73 (142)
SL1.30.A40.100.4.61H	3x460V D	11.5 (8.6)	10 (7.5)	4	1765	SD	13	111	85	87.6	88.1	0.70	0.80	0.85	1.15	3.18 (0.134)	114.32 (155)

Pump data

Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	3 / 80	10	20	65 / 20	IP68	H	A	104 / 40	4-14

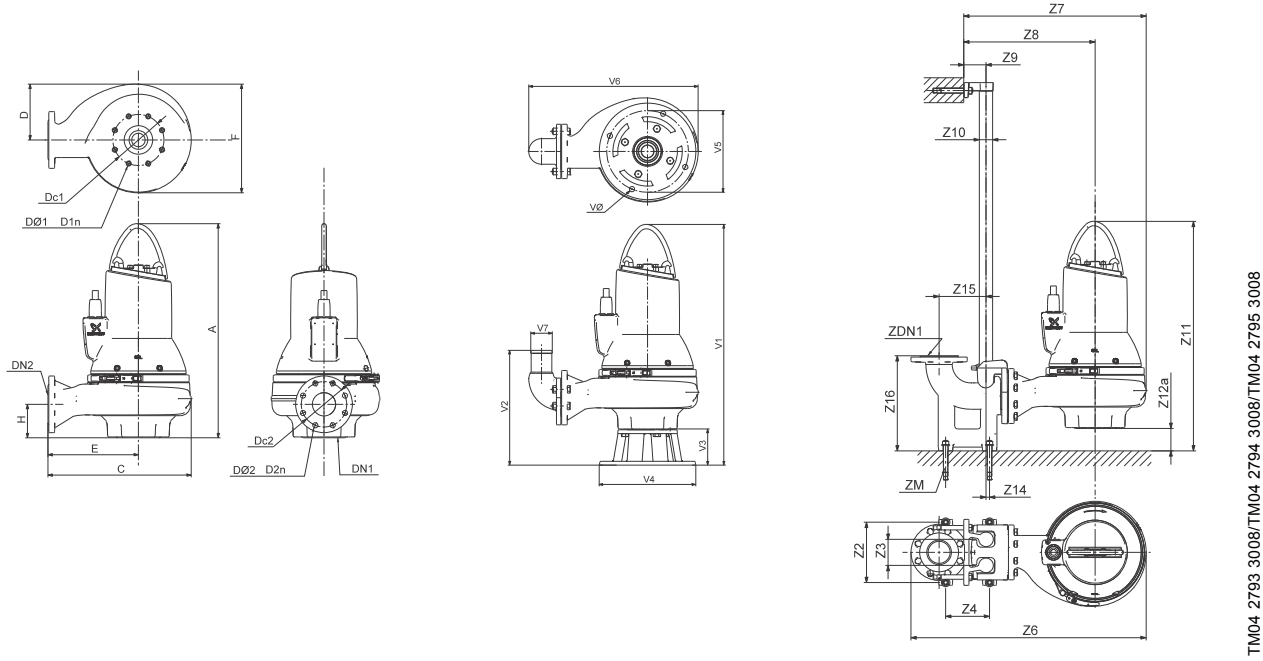
SL1.40.A40

Performance curves: SL1.40.A40.55



TM04 7851 2310

Dimensional sketches: SL1.40.A40.55



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	29.7	21.3	7.9	12.6	17.2	4.5	6	9.5	8xM20	4	7.5	8x0.75	349.2
[mm]	755	541	200	320	438	134	150	241.30	8xM20	100	190.5	8x19.1	158.4

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	38.7	29.8	21.1	4.3	2	34.6	0.04	0	8.7	16.3	4	4xM16
[mm]	260	110	220	983	758	537	110	2	879	106	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	37	17.5	7.3	17.717	15.7	27.8	3.9	0.9
[mm]	941	445	186	450	400	711	100	22

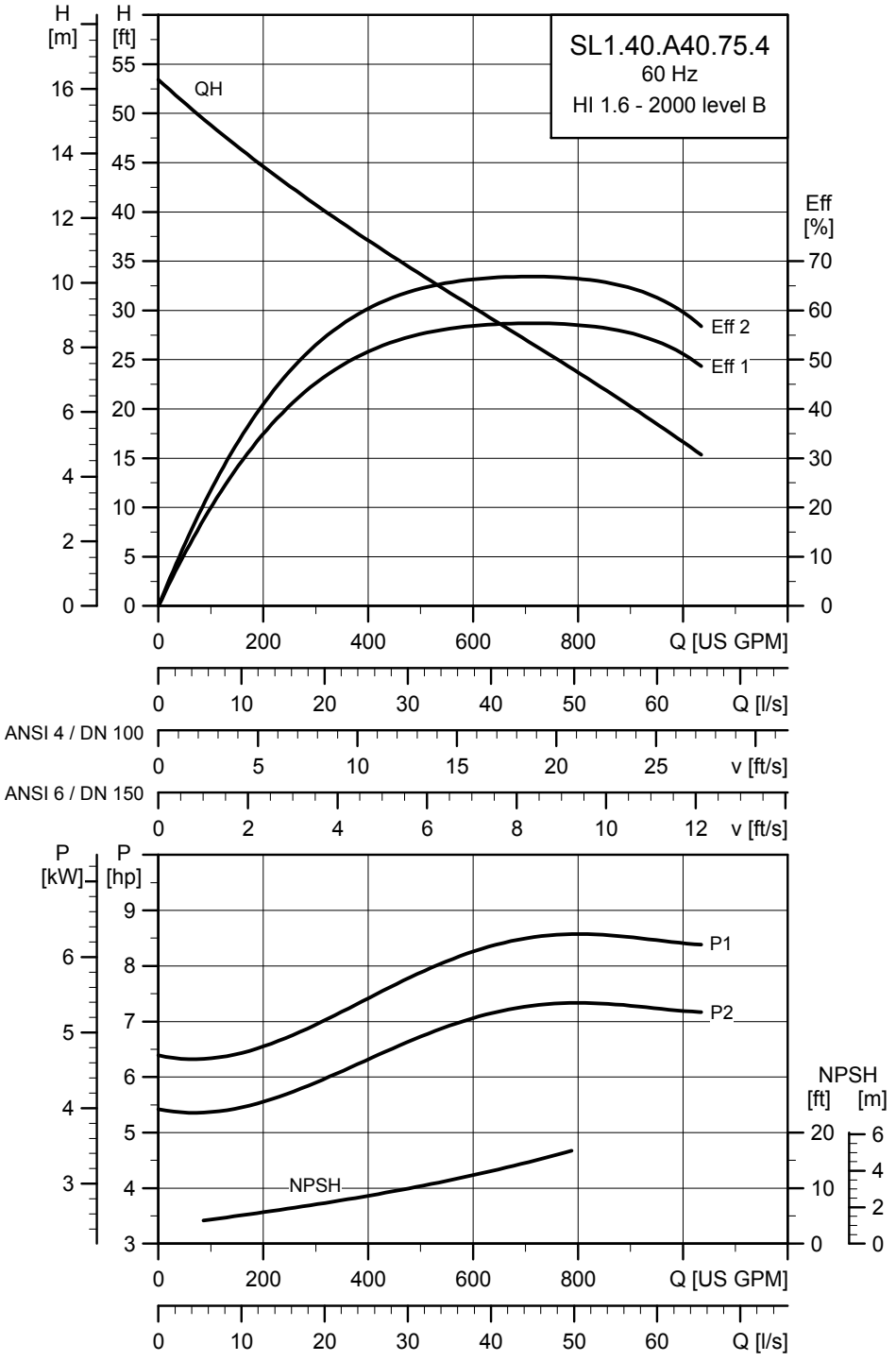
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.40.A40.55.4.61J	3x208-230V D /460V Y	6.4 (4.8)	5.5 (4)	4	1760	SD	16.1	79.4	79.9	83.3	83.9	0.61	0.74	0.80	1.15	2.18 (0.092)	81.58 (110.6)
SL1.40.A40.55.4.61L	3x575V D	6.4 (4.8)	5.5 (4)	4	1765	SD	6.5	37.5	79.2	83.3	84.7	0.54	0.67	0.75	1.15	2.18 (0.092)	68.59 (93)
SL1.40.A40.55.4.61H	3x460V D	6.4 (4.8)	5.5 (4)	4	1770	SD	8.5	51.5	78.3	82.6	84.4	0.50	0.64	0.72	1.15	2.18 (0.092)	74.49 (101)

Pump data

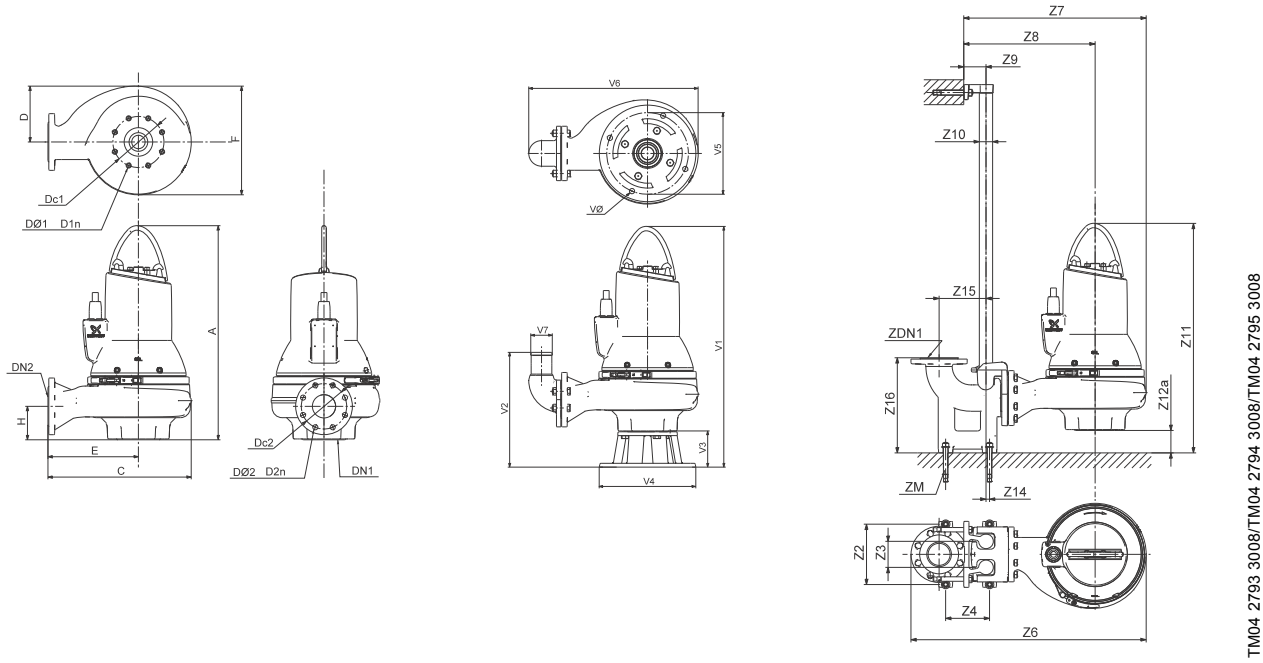
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	4 / 100	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.40.A40.75



TM04 7852 2310

Dimensional sketches: SL1.40.A40.75



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	30	21.3	7.9	12.6	17.2	4.5	6	9.5	8xM20	4	7.5	8x0.75	364.4
[mm]	762	541	200	320	438	134	150	241.3	8xM20	100	190.5	8x19.1	165.3

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	38.7	29.8	21.1	4.3	2	34.9	0.04	0	8.7	16.3	4	4xM16
[mm]	260	110	220	983	758	537	110	2	886	106	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	37.3	17.5	7.3	17.717	15.7	27.8	3.9	0.9
[mm]	948	445	186	450	400	711	100	22

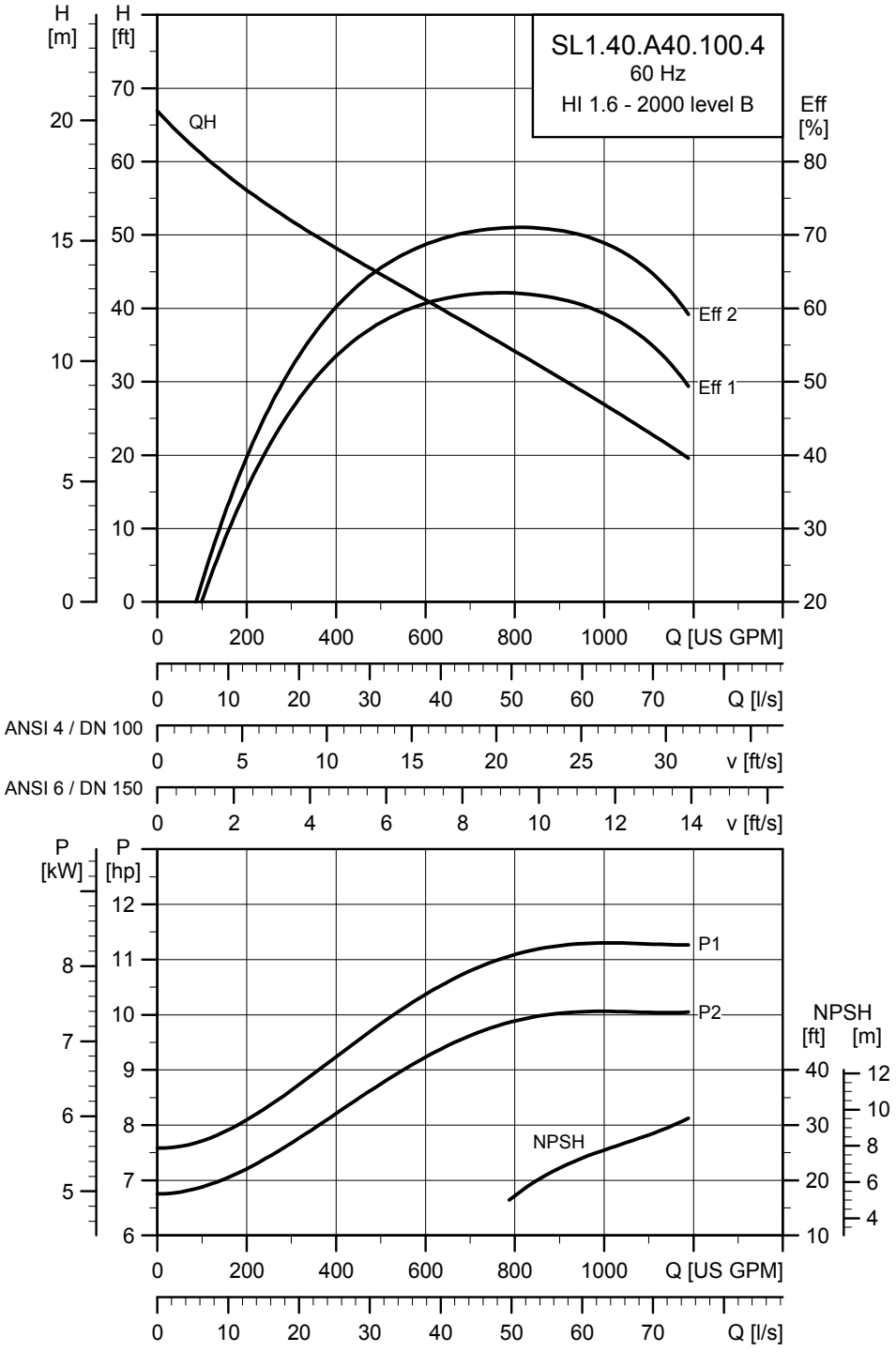
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.40.A40.75.4.61J	3x208-230V D /460V Y	8.6 (6.4)	7.5 (5.5)	4	1760	SD	20	126	83.2	85.6	85.8	0.77	0.84	0.87	1.15	2.69 (0.11356)	90.41 (122.58)
SL1.40.A40.75.4.61L	3x575V D	8.6 (6.4)	7.5 (5.5)	4	1765	SD	7.8	59.3	83.5	86.6	87.3	0.69	0.79	0.84	1.15	2.69 (0.11356)	75.97 (103)
SL1.40.A40.75.4.61H	3x460V D	8.6 (6.4)	7.5 (5.5)	4	1770	SD	10	81.4	82.9	86.3	87.2	0.65	0.75	0.81	1.15	2.69 (0.11356)	83.34 (113)

Pump data

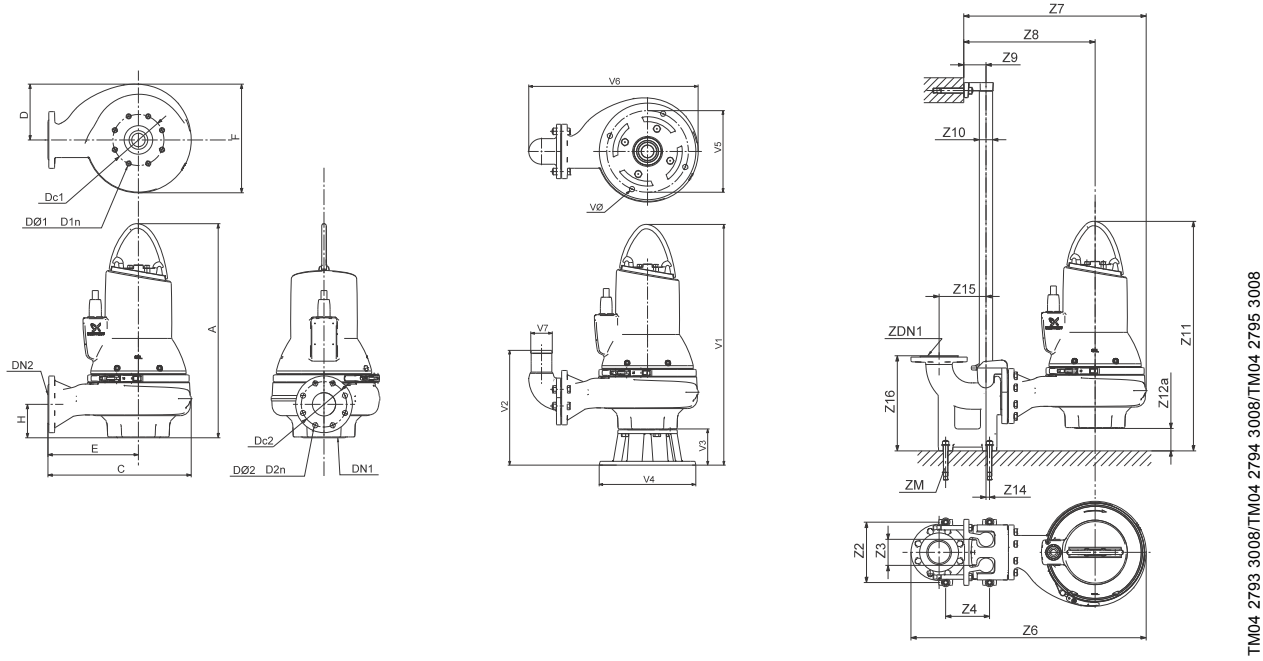
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	4 / 100	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.40.A40.100



TM04 7853 231

Dimensional sketches: SL1.40.A40.100



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	32.6	21.3	8.5	12.3	18.2	4.5	6	9.5	8xM20	4	7.5	8x0.75	449.7
[mm]	827	541	217	312	462	145	150	241.3	8xM20	100	190.5	8x19.1	204

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	10.2	4.3	8.7	38.7	29.8	20.8	4.3	2	37.4	0.04	0	8.7	16.3	4	4xM16
[mm]	260	110	220	983	758	529	110	2	951	95	0	220	413	100	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	39.9	17.5	7.3	17.717	15.7	27.8	3.9	0.9
[mm]	1.013	445	186	450	400	706	100	22

Electrical data

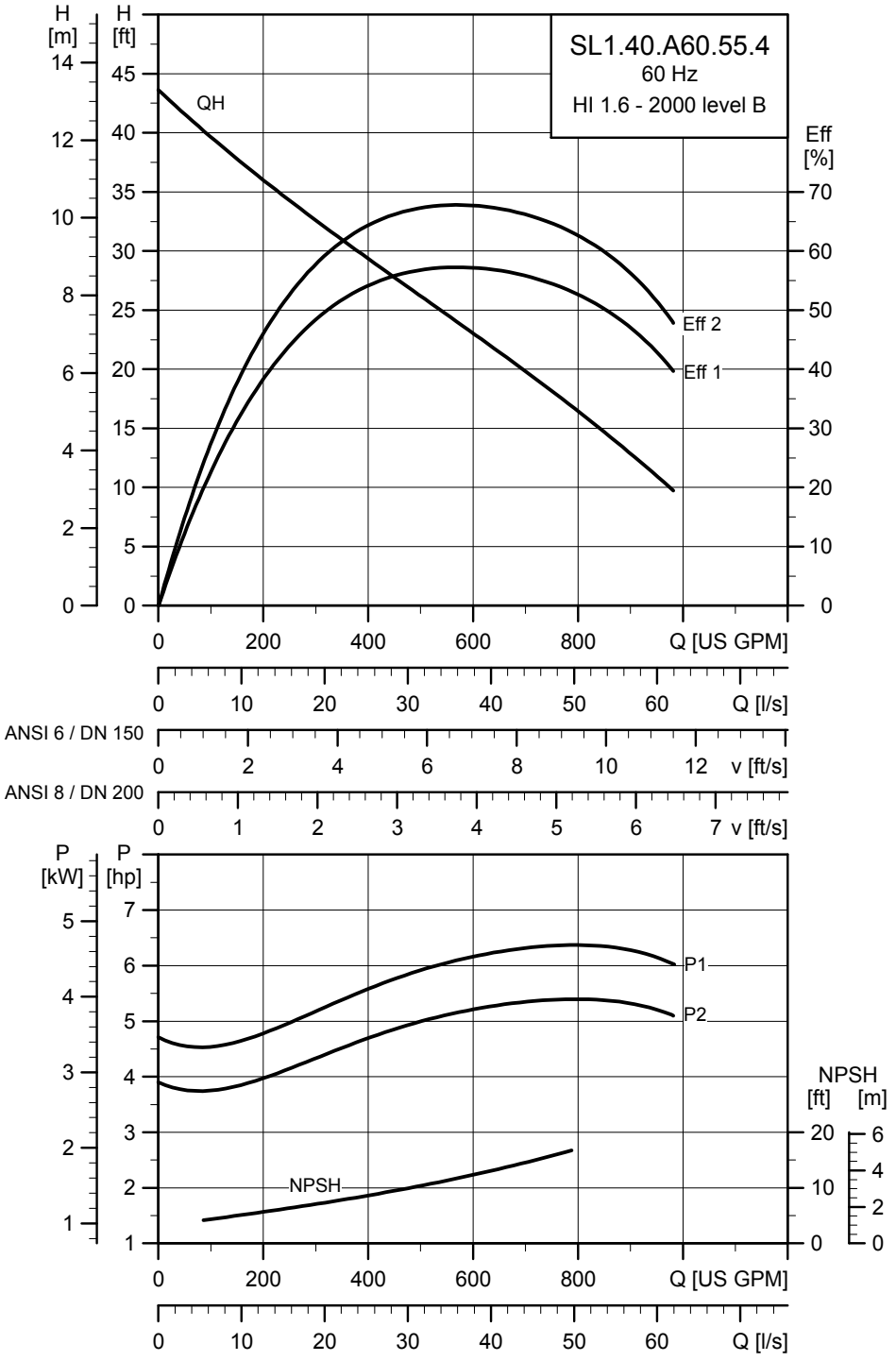
Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%] 1/2	η_{motor} [%] 3/4	η_{motor} [%] 1/1	Cos ϕ 1/2	Cos ϕ 3/4	Cos ϕ 1/1	SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
SL1.40.A40.100.4.61J	3x208-230V D /460V Y	11.5 (8.6)	10 (7.5)	4	1760	SD	26.6	174	85.6	86.9	86.4	0.80	0.86	0.89	1.15	3.16 (0.133)	75.23 (102)
SL1.40.A40.100.4.61L	3x575V D	11.5 (8.6)	10 (7.5)	4	1760	SD	10.2	81.2	85.3	87.4	87.9	0.74	0.83	0.86	1.15	3.16 (0.133)	104.73 (142)
SL1.40.A40.100.4.61H	3x460V D	11.5 (8.6)	10 (7.5)	4	1765	SD	13	111	85	87.6	88.1	0.70	0.80	0.85	1.15	3.16 (0.133)	114.32 (155)

Pump data

Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	4 / 100	10	20	65 / 20	IP68	H	A	104 / 40	4-14

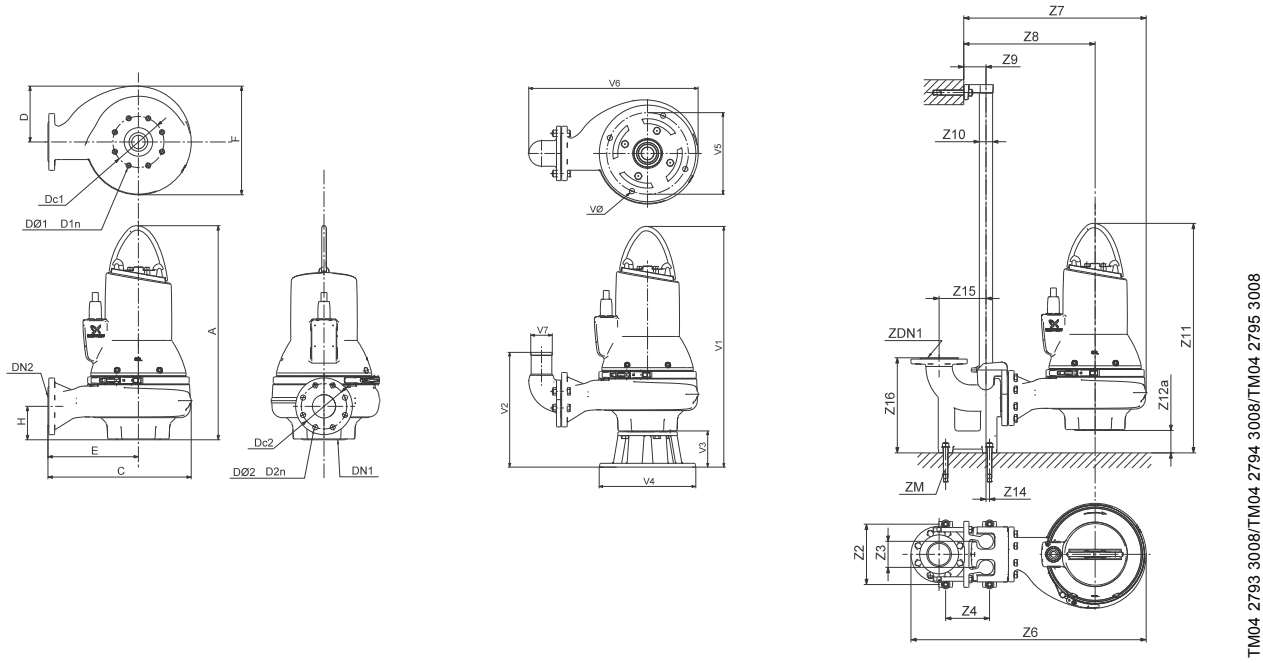
SL1.40.A60

Performance curves: SL1.40.A60.55



TM04 7854 2310

Dimensional sketches: SL1.40.A60.55



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	29.7	21.3	7.9	12.6	17.3	5.6	6	9.5	8xM20	6	9.5	8x0.88	353.8
[mm]	755	541	200	320	440	111	150	241.30	8xM20	150	241.5	8x22.2	160.5

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	11.8	4.3	11	43	30.7	22	4.3	2	36.2	0.04	0	11	17.7	6	4xM16
[mm]	300	110	280	1.093	780	559	110	2	919	164	0	280	450	150	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	37	21.9	7.3	17.717	15.7	31.8	5.9	0.9
[mm]	941	555	186	450	400	807	150	22

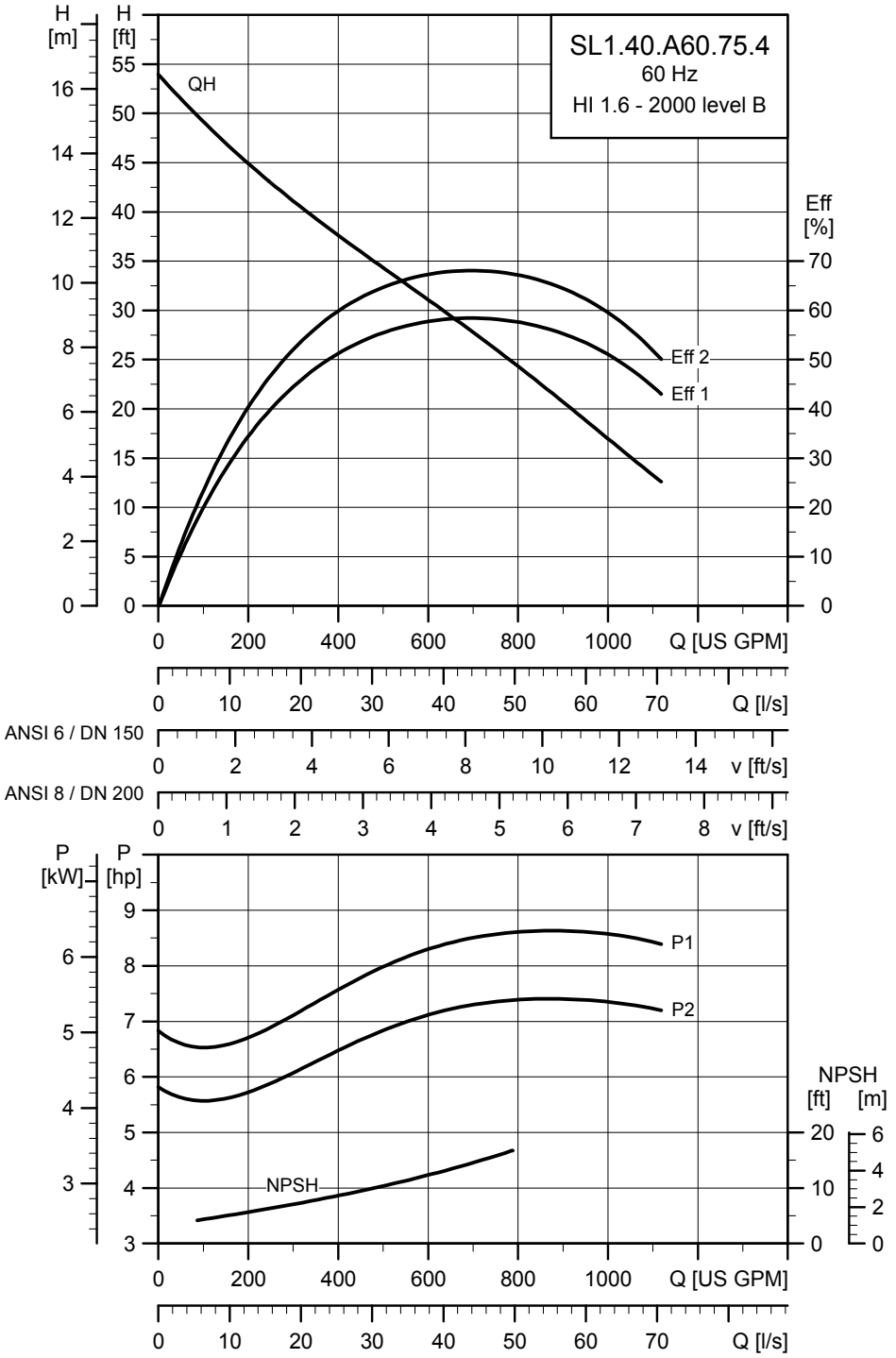
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.40.A60.55.4.61J	3x208-230V D /460V Y	6.4 (4.8)	5.5 (4)	4	1760	SD	16.1	79.4	79.9	83.3	83.9	0.61	0.74	0.80	1.15	2.18 (0.092)	81.58 (110.6)
SL1.40.A60.55.4.61L	3x575V D	6.4 (4.8)	5.5 (4)	4	1765	SD	6.5	37.5	79.2	83.3	84.7	0.54	0.67	0.75	1.15	2.18 (0.092)	68.59 (93)
SL1.40.A60.55.4.61H	3x460V D	6.4 (4.8)	5.5 (4)	4	1770	SD	8.5	51.5	78.3	82.6	84.4	0.50	0.64	0.72	1.15	2.18 (0.092)	74.49 (101)

Pump data

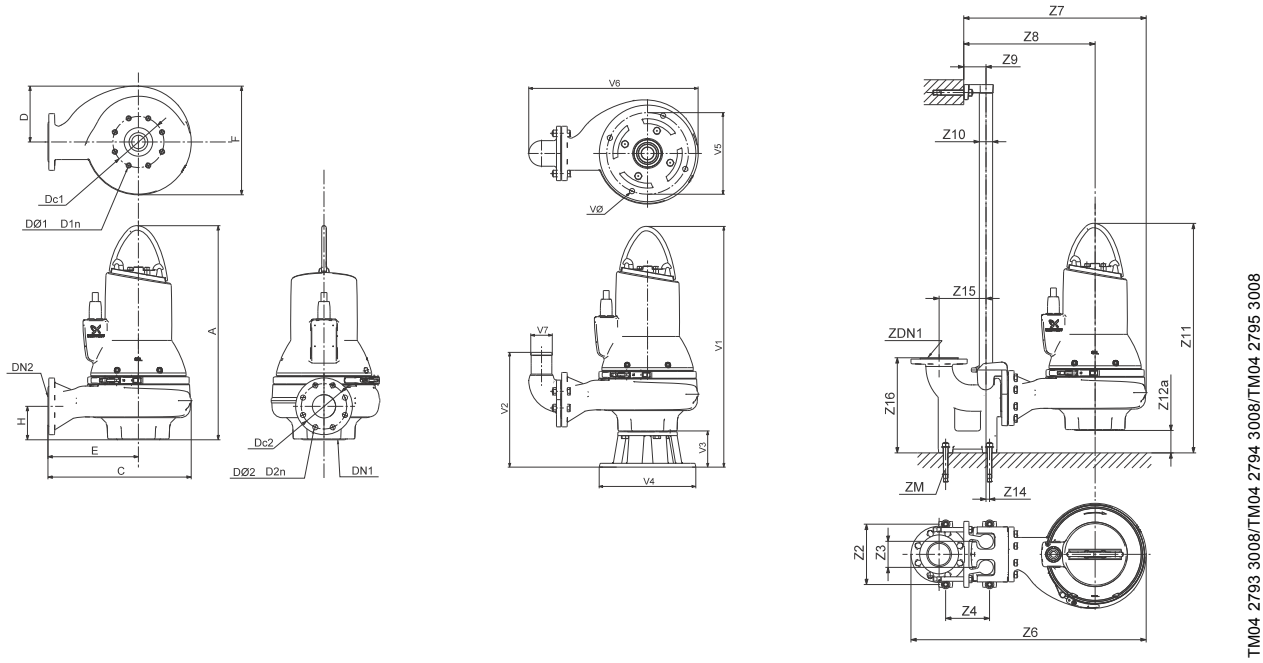
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	4 / 100	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.40.A60.75



TM04 7855 2310

Dimensional sketches: SL1.40.A60.75



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	30	21.3	7.9	12.6	17.3	5.6	6	9.5	8xM20	6	9.5	8x0.88	369.1
[mm]	762	541	200	320	440	111	150	241.30	8xM20	150	241.5	8x22.2	167.4

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	11.8	4.3	11	43	30.7	22	4.3	2	36.5	0.04	0	11	17.7	6	4xM16
[mm]	300	110	280	1.093	780	559	110	2	926	164	0	280	450	150	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	37.3	21.9	7.3	17.717	15.7	31.8	5.9	0.9
[mm]	948	555	186	450	400	807	150	22

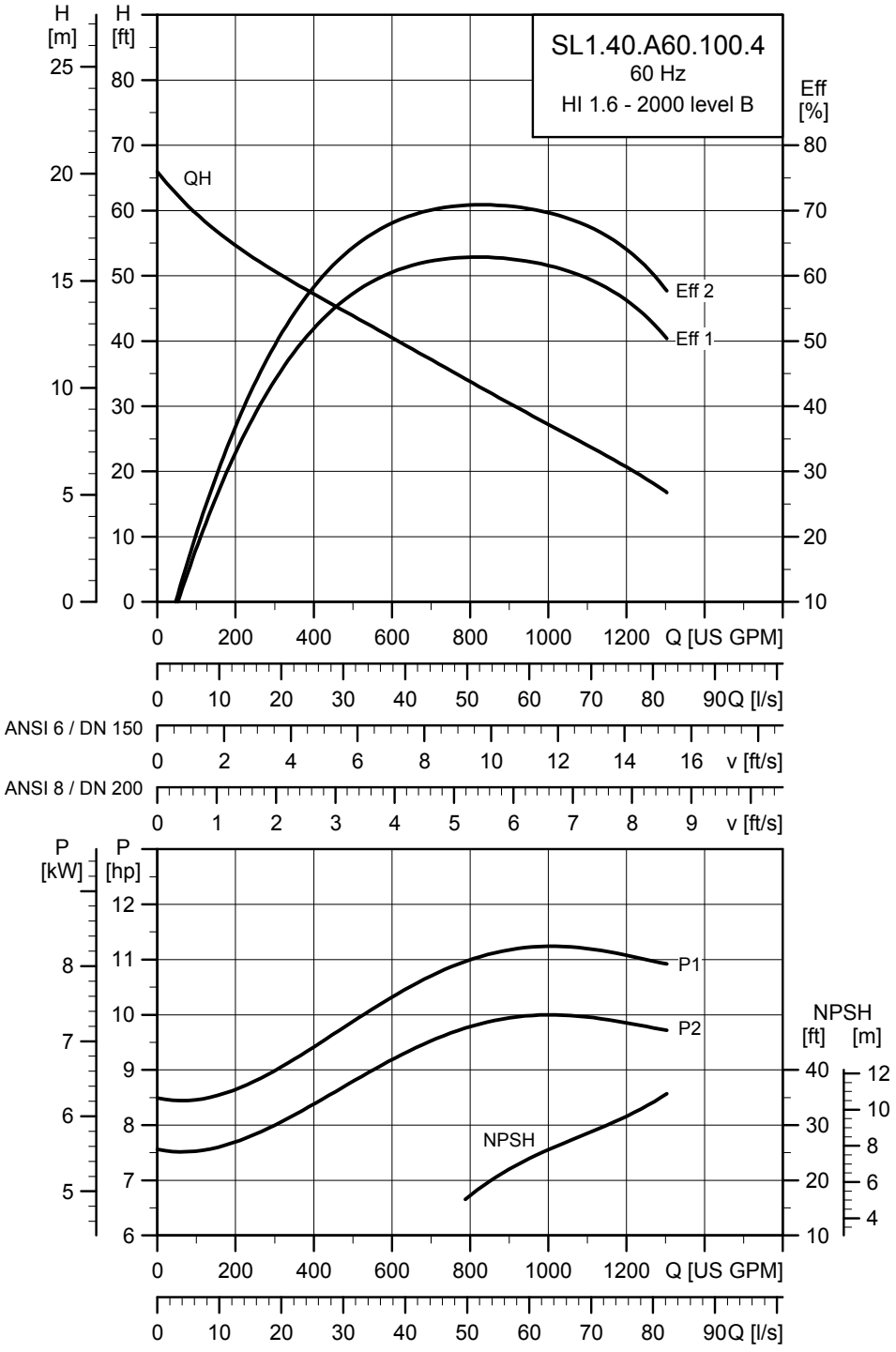
Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.40.A60.75.4.61J	3x208-230V D /460V Y	8.6 (6.4)	7.5 (5.5)	4	1760	SD	20	126	83.2	85.6	85.8	0.77	0.84	0.87	1.15	2.69 (0.11356)	90.41 (122.58)
SL1.40.A60.75.4.61L	3x57 5V D	8.6 (6.4)	7.5 (5.5)	4	1765	SD	7.8	59.3	83.5	86.6	87.3	0.69	0.79	0.84	1.15	2.69 (0.11356)	75.97 (103)
SL1.40.A60.75.4.61H	3x460V D	8.6 (6.4)	7.5 (5.5)	4	1770	SD	10	81.4	82.9	86.3	87.2	0.65	0.75	0.81	1.15	2.69 (0.11356)	83.34 (113)

Pump data

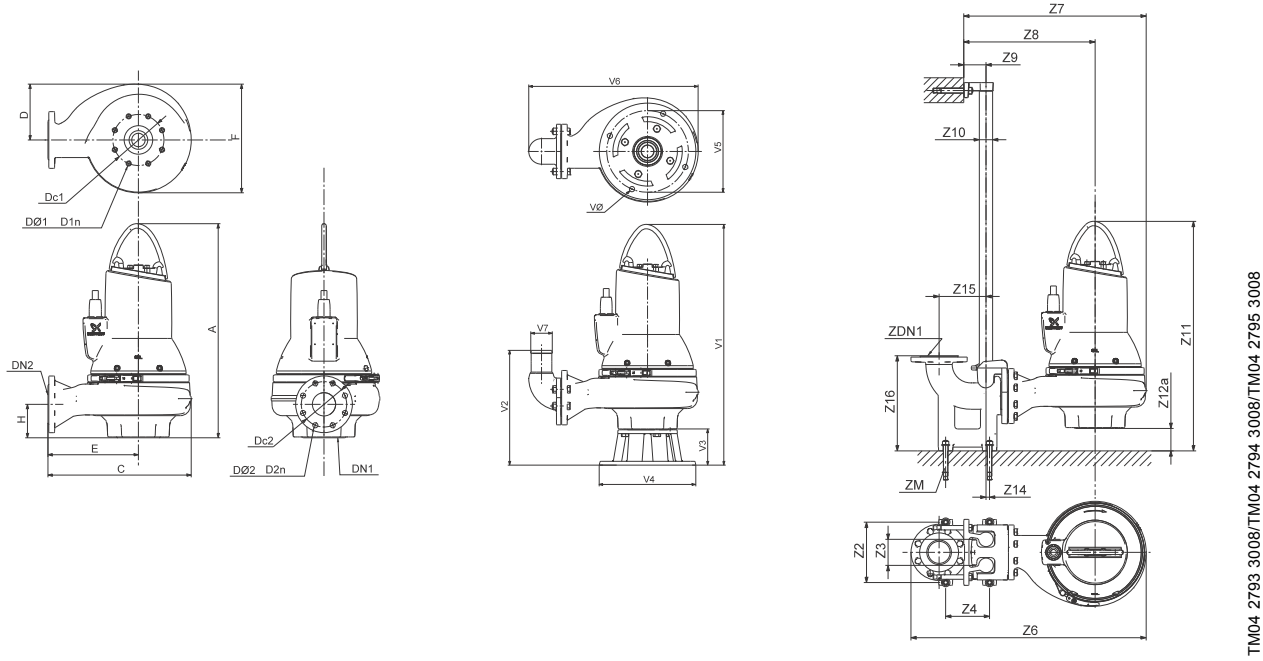
Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	4 / 100	10	20	65 / 20	IP68	H	A	104 / 40	4-14

Performance curves: SL1.40.A60.100



TM04 7856 2310

Dimensional sketches: SL1.40.A60.100



TM04 2793 3008/TM04 2794 3008/TM04 2795 3008

	A	C	D	E	F	H	DN1	Dc1	DØ1 D1n	DN2	Dc2	DØ2 D2n	Weight [lb/kg]
[inch]	32.6	21.3	8.5	12	18.6	5.6	6	9.5	8xM20	6	9.5	8x0.88	454.4
[mm]	827	541	217	306	472	111	150	241.30	8xM20	150	241.5	8x22.2	206.1

	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12a	Z14	Z15	Z16	ZDN1	ZM
[inch]	11.8	4.3	11	43	30.7	21.5	4.3	2	39	0.04	0	11	17.7	6	4xM16
[mm]	300	110	280	1.093	780	545	110	2	991	164	0	280	450	150	4xM16

	V1	V2	V3	V4	V5	V6	V7	VØ
[inch]	39.9	21.9	7.3	17.717	15.7	31.6	5.9	0.9
[mm]	1.013	555	186	450	400	803	150	22

Electrical data

Pump type	Voltage [V]	P1 [hp] (kW)	P2 [hp] (kW)	No of poles	RPM	Starting method	I_N	I_{start}	η_{motor} [%]			Cos ϕ			SF	Moment of inertia [lb*ft^2 (kgm^2)]	Breakdown torque M_{max} [lbf*ft (Nm)]
							[A]	[A]	1/2	3/4	1/1	1/2	3/4	1/1			
SL1.40.A60.100.4.61J	3x208-230V D /460V Y	11.5 (8.6)	10 (7.5)	4	1760	SD	26.6	174	85.6	86.9	86.4	0.80	0.86	0.89	1.15	3.16 (0.133)	75.23 (102)
SL1.40.A60.100.4.61L	3x575V D	11.5 (8.6)	10 (7.5)	4	1760	SD	10.2	81.2	85.3	87.4	87.9	0.74	0.83	0.86	1.15	3.16 (0.133)	104.73 (142)
SL1.40.A60.100.4.61H	3x460V D	11.5 (8.6)	10 (7.5)	4	1765	SD	13	111	85	87.6	88.1	0.70	0.80	0.85	1.15	3.16 (0.133)	114.32 (155)

Pump data

Impeller type	Max. solids size	Pump housing pressure	Max. number of starts per hour	Max. installation depth	Enclosure class	Insulation class	Temperature rise class	Max. liquid temperature	pH
	[Inch / mm]	PN		[Feet / m]				[°F / °C]	
Single-channel	4 / 100	10	20	65 / 20	IP68	H	A	104 / 40	4-14