

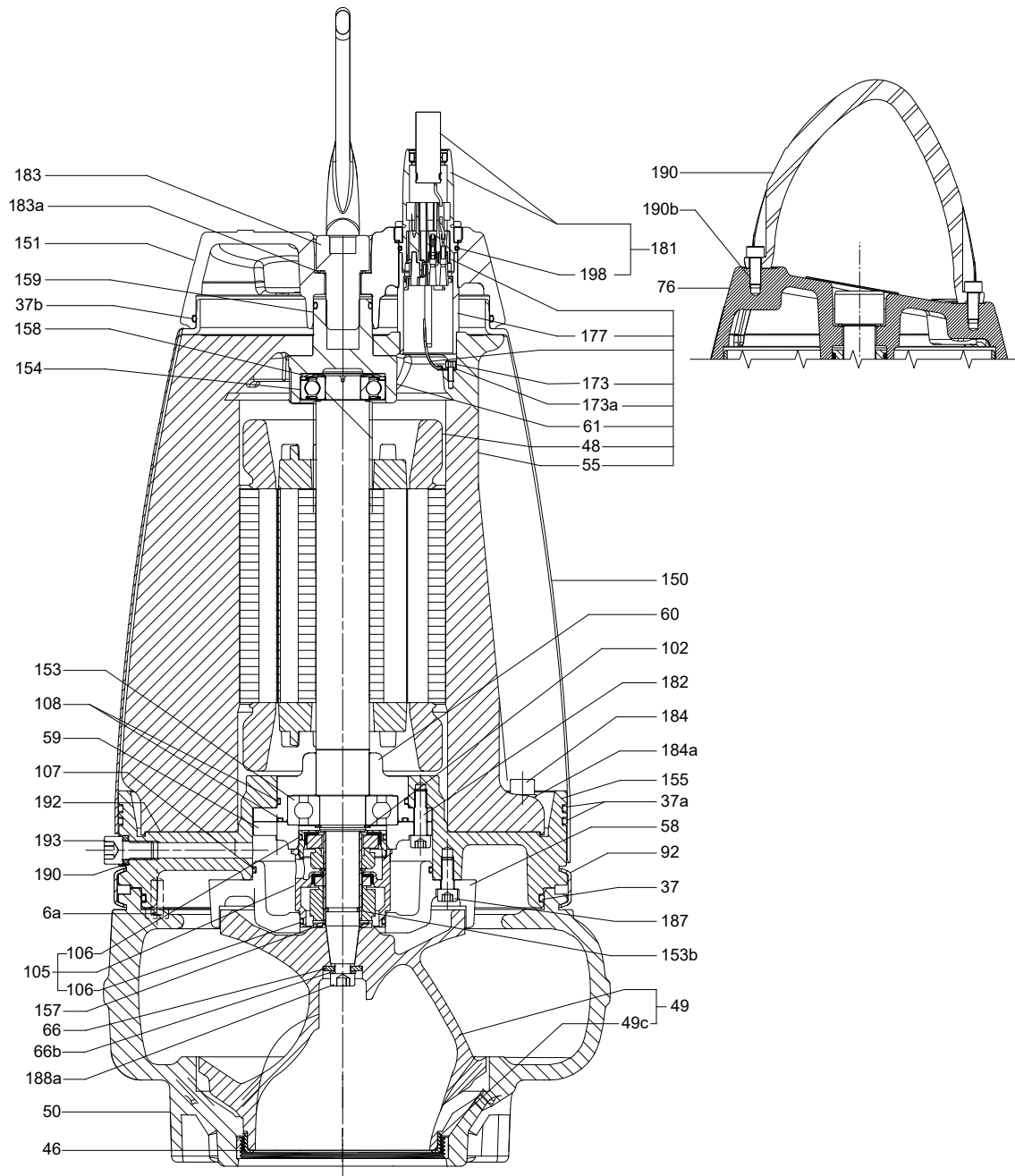
SE1, SEV pumps, Range 48

1.1 to 11 kW
50/60 Hz DIN



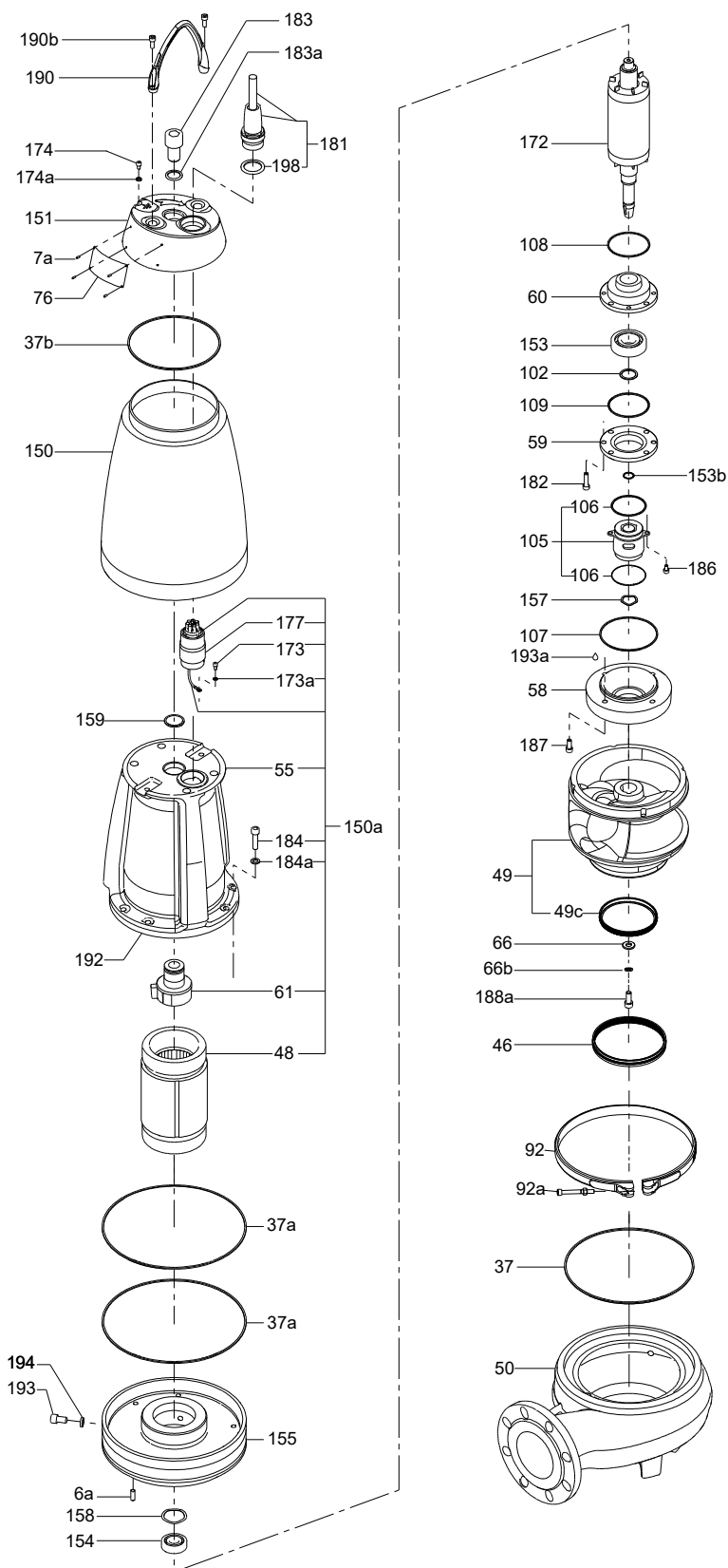
7. Construction

SE1



TM028077

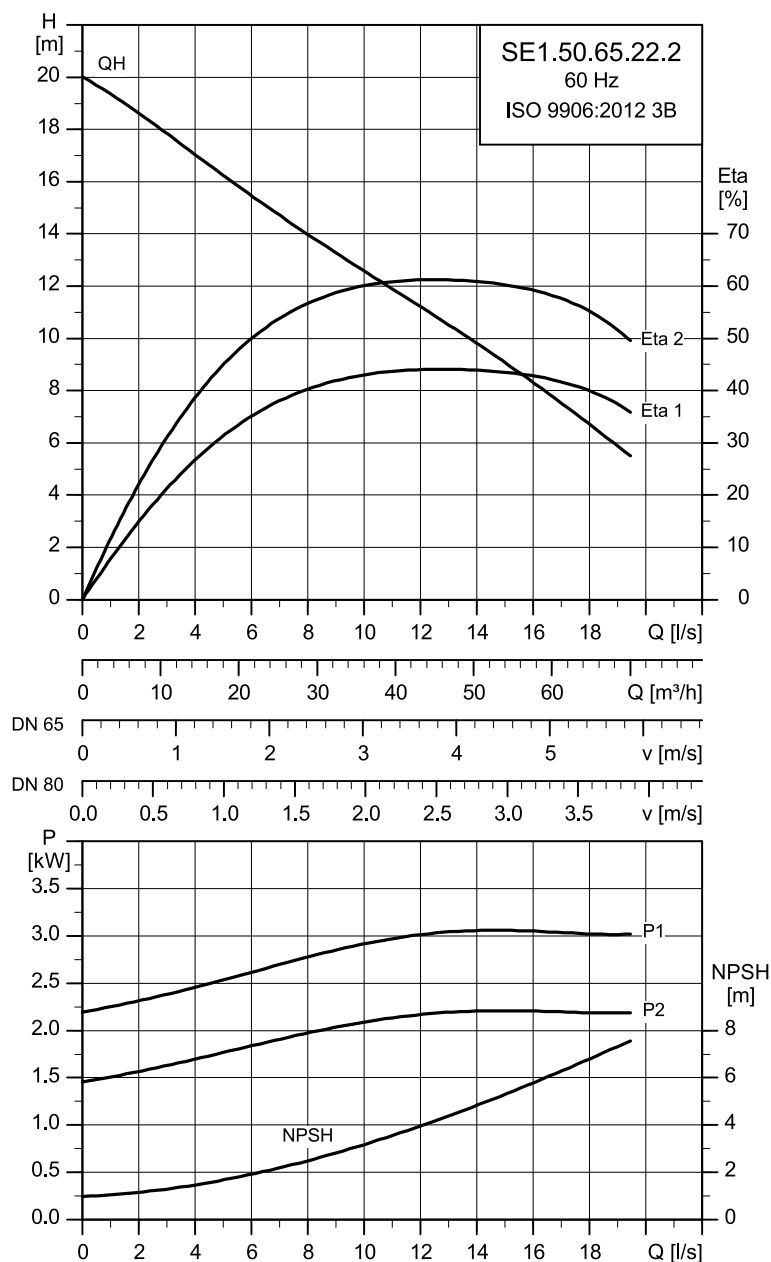
Sectional drawing, SE1 pump with S-tube® impeller



Exploded view, SE1 pump with S-tube® impeller

TM065985

SE1.50.65.22.2



TM087454

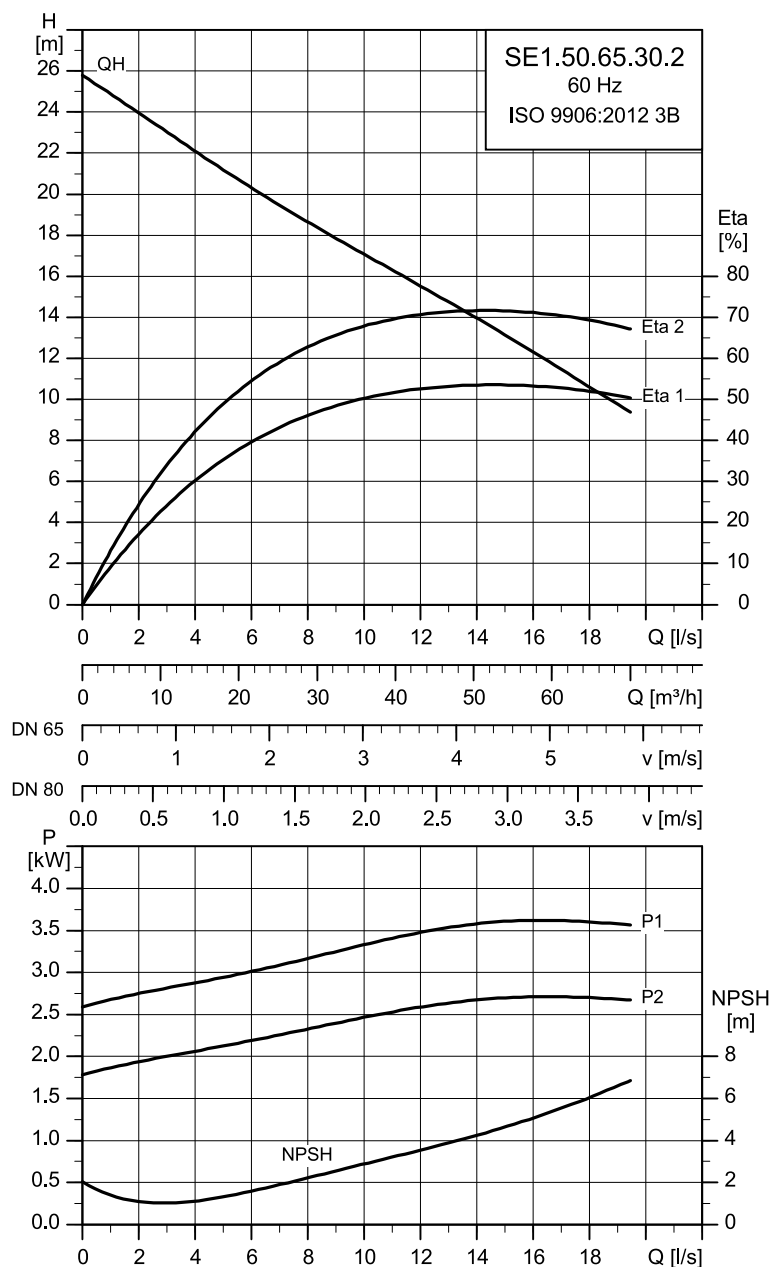
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.50.65.22.A.EX.2.60F.B	230	3	2.2	2	3472	Direct-on-line (DOL)	8.7	50	80.5	82.6	82.3	0.83	0.88	0.9
SE1.50.65.22.A.EX.2.60G.B	460	3	2.2	2	3510	Direct-on-line (DOL)	5	34.5	78.4	82.4	83.7	0.7	0.8	0.85

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SE1.50.65.22.A.EX.2.60F.B	108.5	0.00380	PN 10	12	0.00190	14.6
SE1.50.65.22.A.EX.2.60G.B	108.5	0.00380	PN 10	12	0.00190	21.8

SE1.50.65.30.2



TM087455

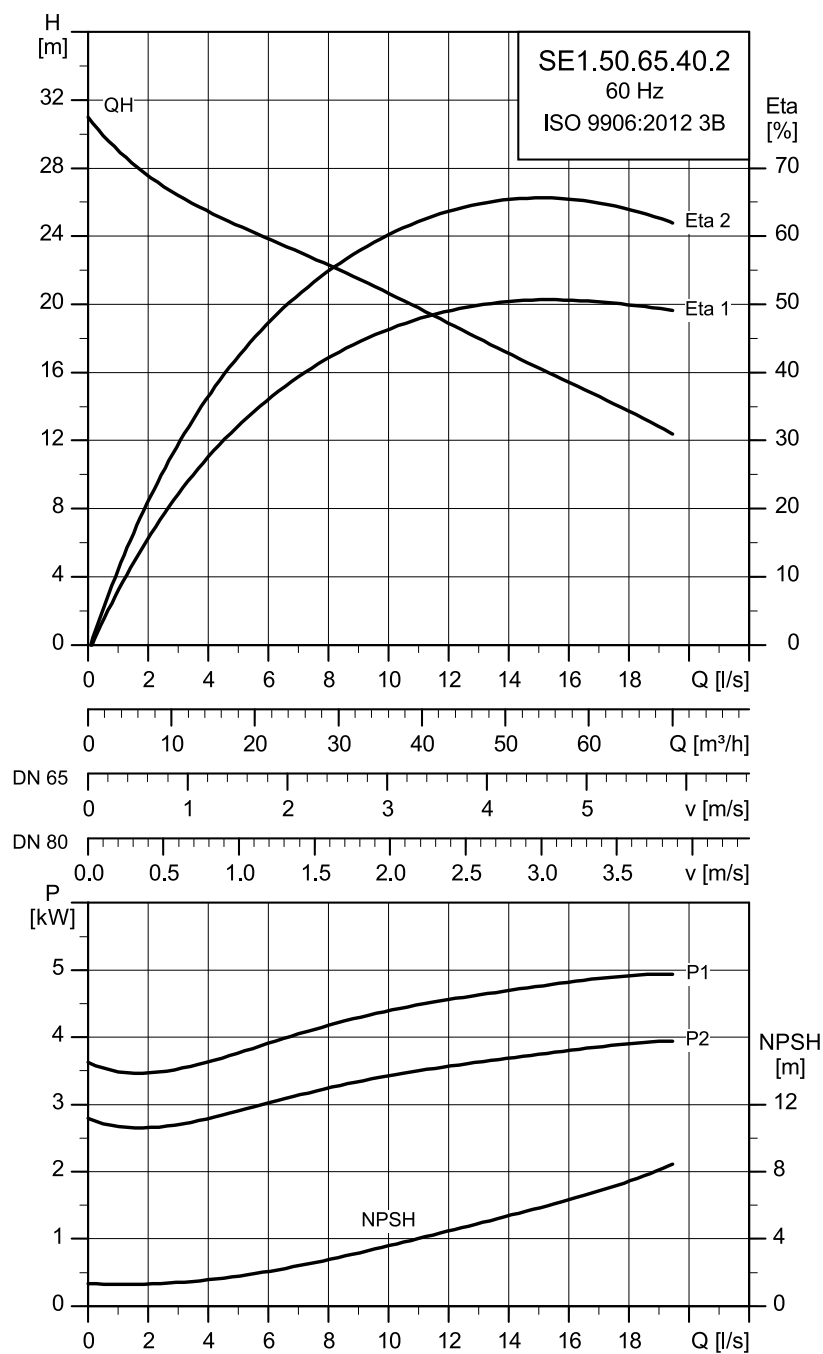
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.50.65.30.A.EX.2.60F.B	230	4	3	2	3463	Direct-on-line (DOL)	10.14	66	81.2	82.9	82.1	0.85	0.89	0.91
SE1.50.65.30.A.EX.2.60G.B	460	4	3	2	3506	Direct-on-line (DOL)	5.07	46	79.9	83.4	84.3	0.77	0.85	0.88

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SE1.50.65.30.A.EX.2.60F.B	119	0.00482	PN 10	12	0.00260	16.4
SE1.50.65.30.A.EX.2.60G.B	119	0.00482	PN 10	12	0.00260	23.4

SE1.50.65.40.2



TM087456

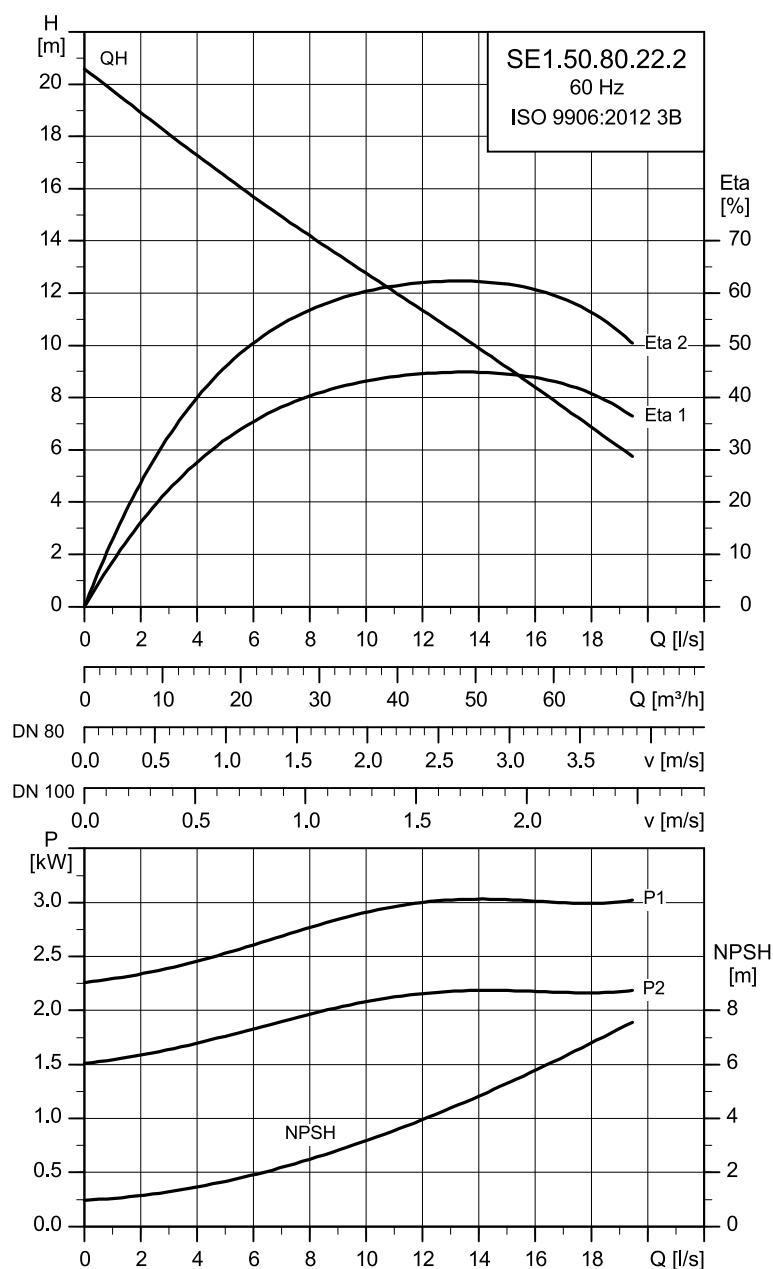
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.50.65.40.A.EX.2.61F.B	230	5.2	4.1	2	3485	Star-delta (YD)	13.05	93.5	84.5	86	85.6	0.82	0.88	0.9
	460								6.7	63.5	83.5	86.3	87.1	0.71 0.81 0.86

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.50.65.40.A.EX.2.61F.B	127	0.00755	PN 10	12	0.00540	31
						45.5

SE1.50.80.22.2



TM087457

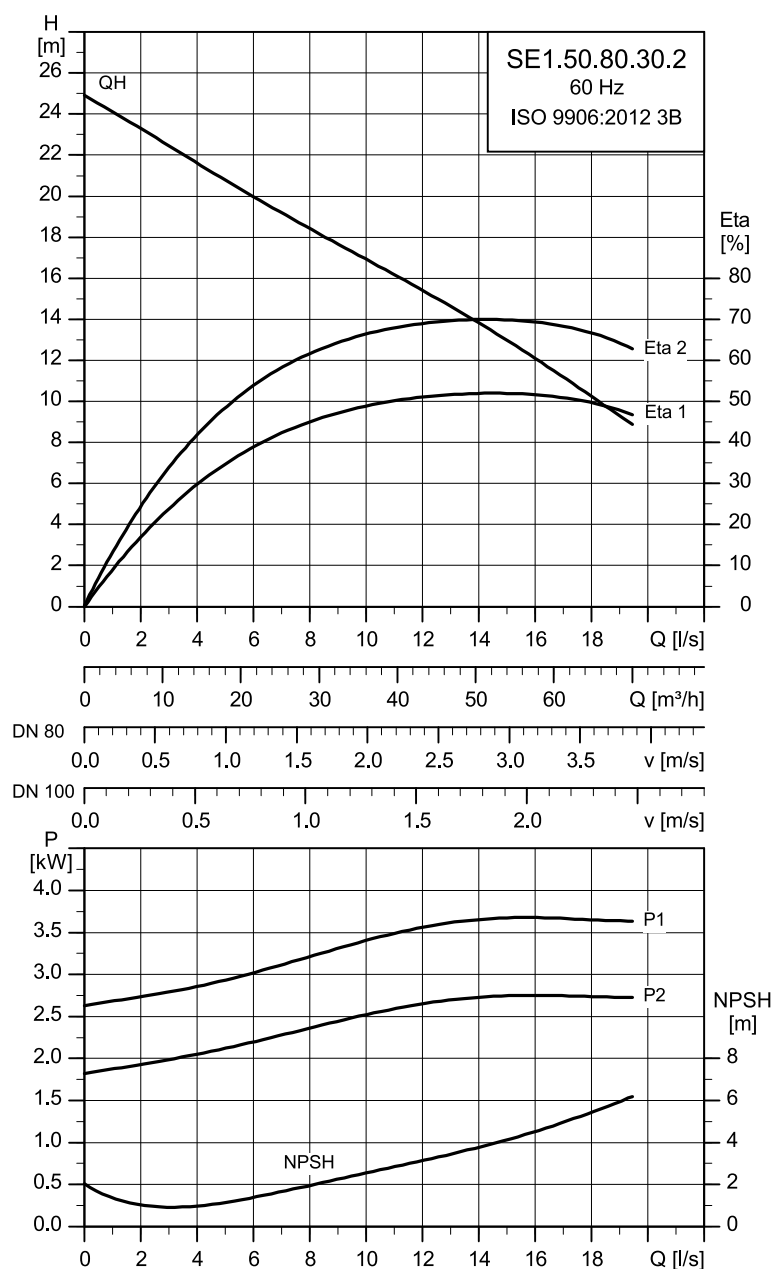
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.50.80.22.A.EX.2.60F.B	230	3	2.2	2	3472	Direct-on-line (DOL)	8.7	50	80.5	82.6	82.3	0.83	0.88	0.9
SE1.50.80.22.A.EX.2.60G.B	460	3	2.2	2	3510	Direct-on-line (DOL)	5	34.5	78.4	82.4	83.7	0.7	0.8	0.85

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SE1.50.80.22.A.EX.2.60F.B	108.5	0.00380	PN 10	12	0.00190	14.6
SE1.50.80.22.A.EX.2.60G.B	108.5	0.00380	PN 10	12	0.00190	21.8

SE1.50.80.30.2



TM087458

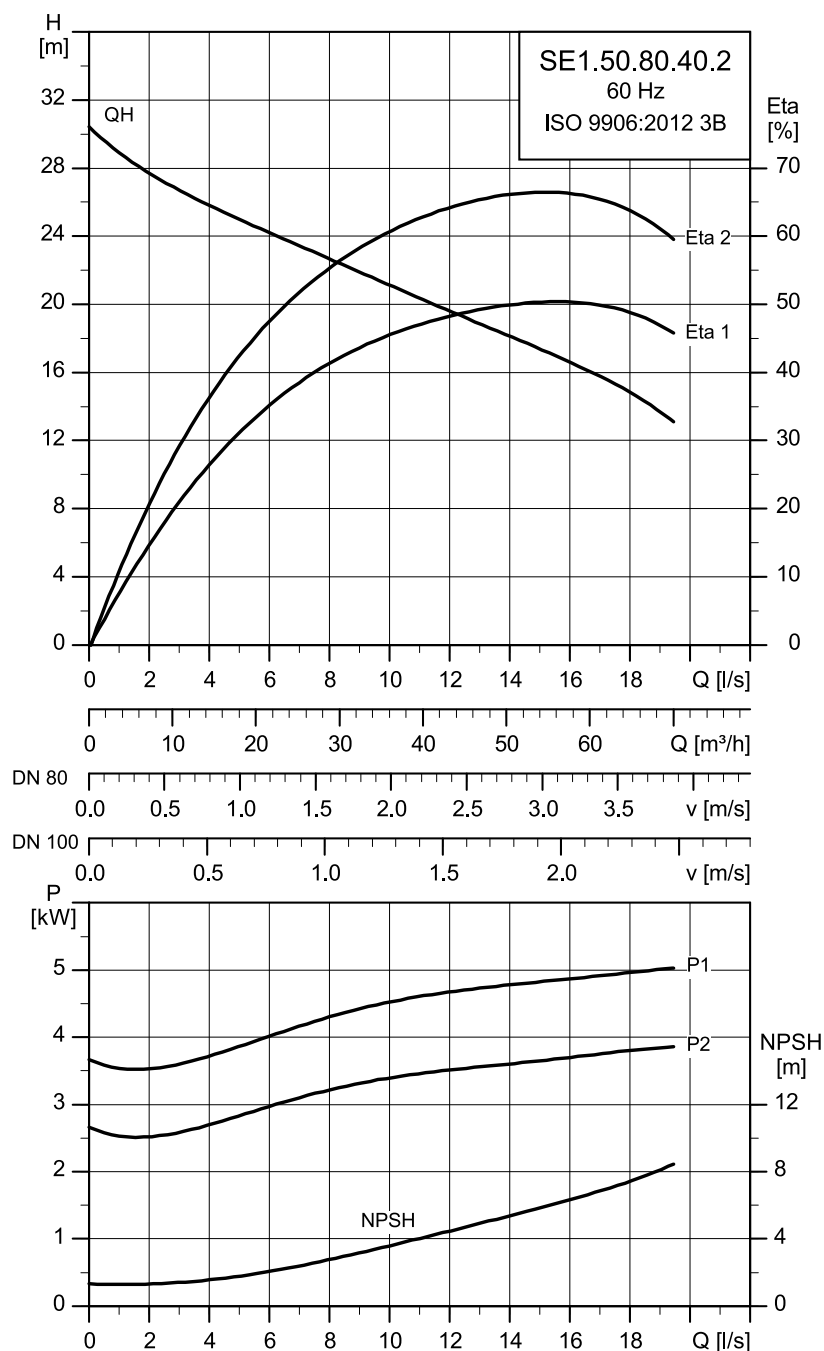
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [Hp]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.50.80.30.A.EX.2.60F.B	230	4	3	2	3463	Direct-on-line (DOL)	10.14	66	81.2	82.9	82.1	0.85	0.89	0.91
SE1.50.80.30.A.EX.2.60G.B	460	4	3	2	3506	Direct-on-line (DOL)	5.07	46	79.9	83.4	84.3	0.77	0.85	0.88

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SE1.50.80.30.A.EX.2.60F.B	119	0.00482	PN 10	12	0.00260	16.4
SE1.50.80.30.A.EX.2.60G.B	119	0.00482	PN 10	12	0.00260	23.4

SE1.50.80.40.2



TM087459

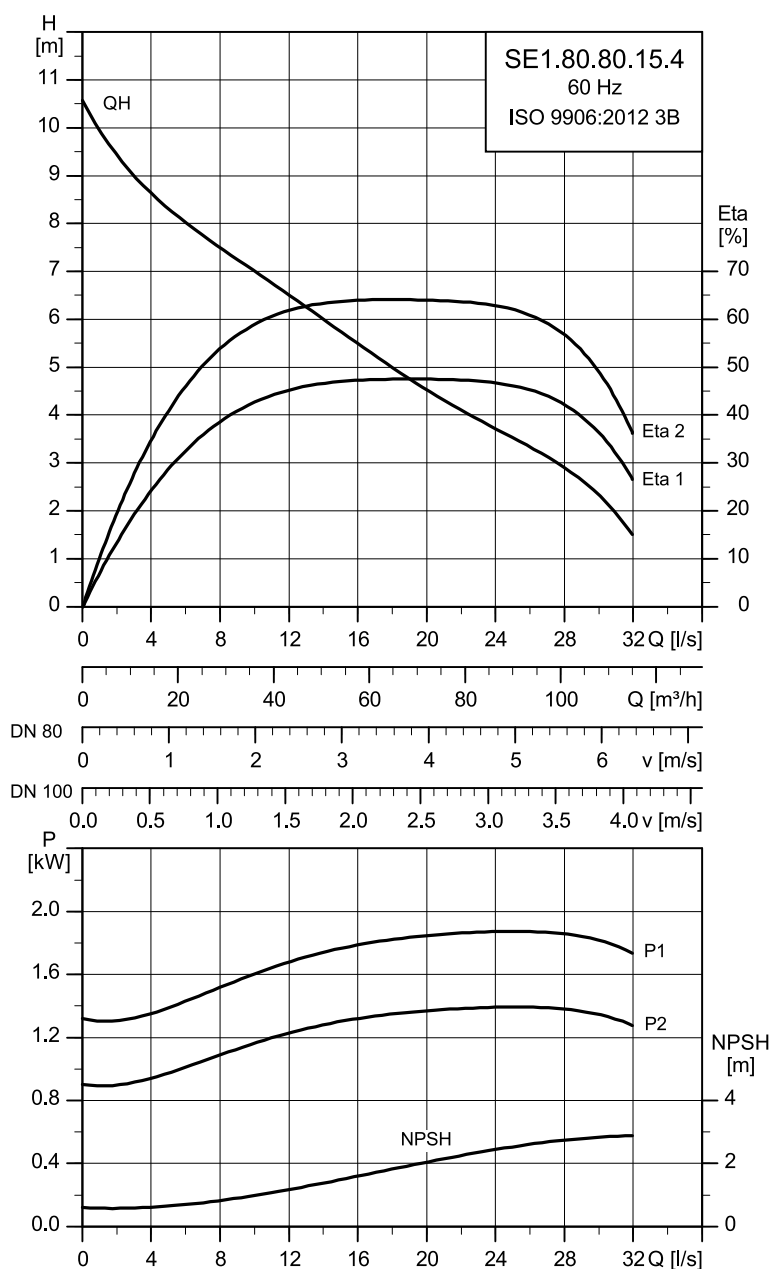
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.50.80.40.A.EX.2.61F.B	230	5.2	4.1	2	3485	Star-delta (YD)	13.05	93.5	84.5	86	85.6	0.82	0.88	0.9
	460						6.7	63.5	83.5	86.3	87.1	0.71	0.81	0.86

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SE1.50.80.40.A.EX.2.61F.B	127	0.00755	PN 10	12	0.00540	31
						45.5

SE1.80.80.15.4



TM087460

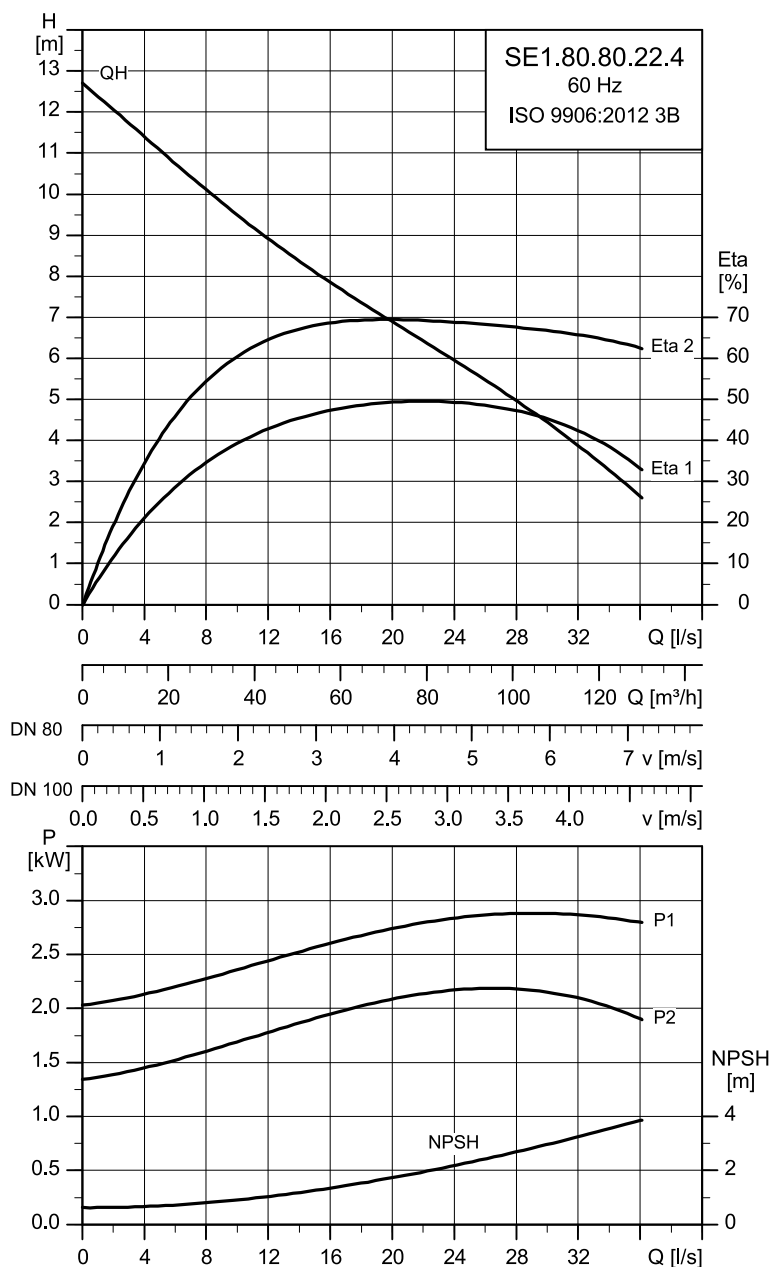
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.80.15.A.EX.4.60F.B	230	2	1.5	4	1703	Direct-on-line (DOL)	7.3	29.5	77.5	79	77.1	0.71	0.79	0.83
SE1.80.80.15.A.EX.4.60G.B	460	2	1.5	4	1739	Direct-on-line (DOL)	4.2	20.2	74.7	78.9	80	0.57	0.69	0.77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SE1.80.80.15.A.EX.4.60F.B	152	0.01931	PN 10	12	0.00330	19.4
SE1.80.80.15.A.EX.4.60G.B	152	0.01931	PN 10	12	0.00330	26.5

SE1.80.80.22.4



TM087461

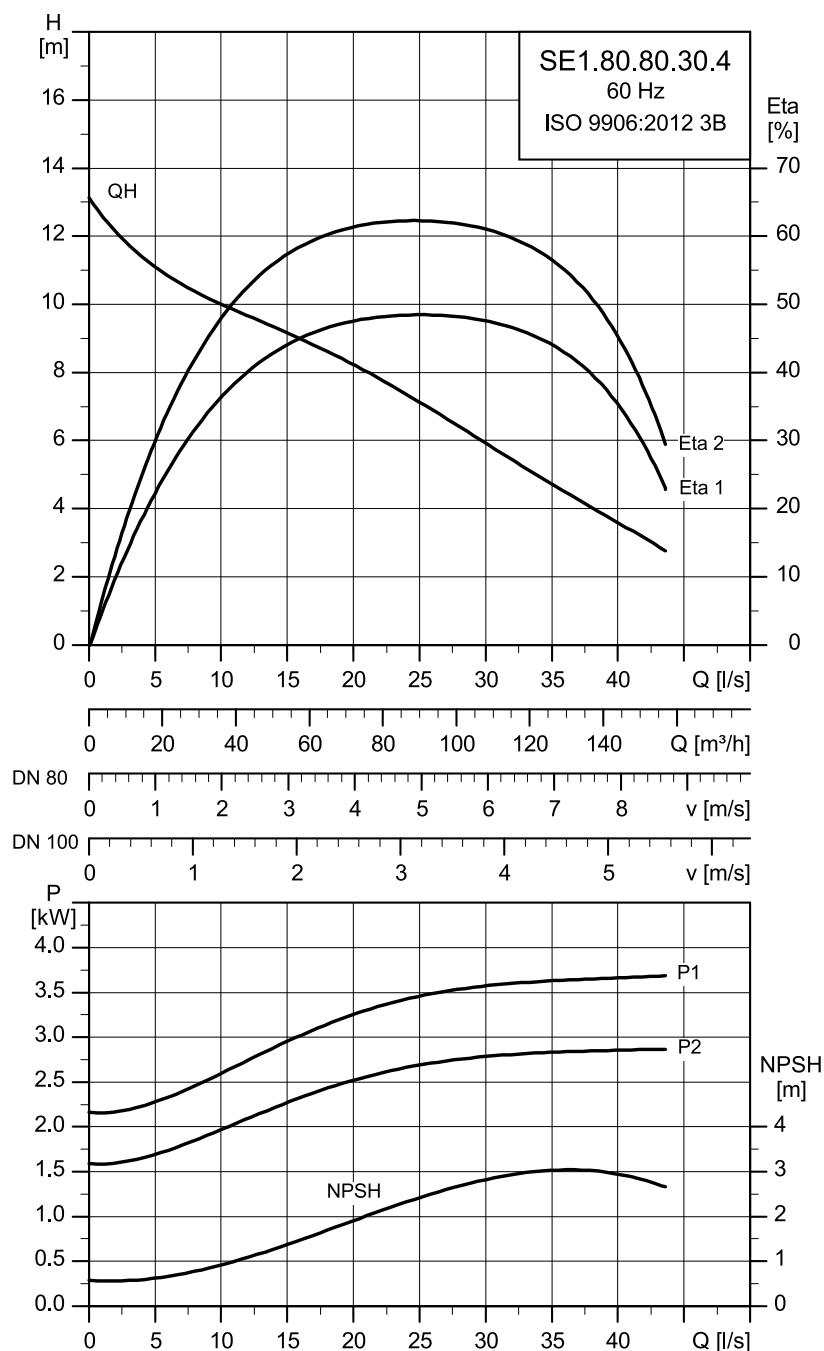
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.80.22.A.EX.4.60F.B	230	2.8	2.2	4	1717	Direct-on-line (DOL)	8.19	51.5	80.6	82.1	81	0.69	0.78	0.83
SE1.80.80.22.A.EX.4.60G.B	460	2.8	2.2	4	1743	Direct-on-line (DOL)	5.9	35.5	77.2	81.1	82.4	0.52	0.65	0.74

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SE1.80.80.22.A.EX.4.60F.B	172	0.03163	PN 10	12	0.00440	33.5
SE1.80.80.22.A.EX.4.60G.B	172	0.03163	PN 10	12	0.00440	45.5

SE1.80.80.30.4



TM087462

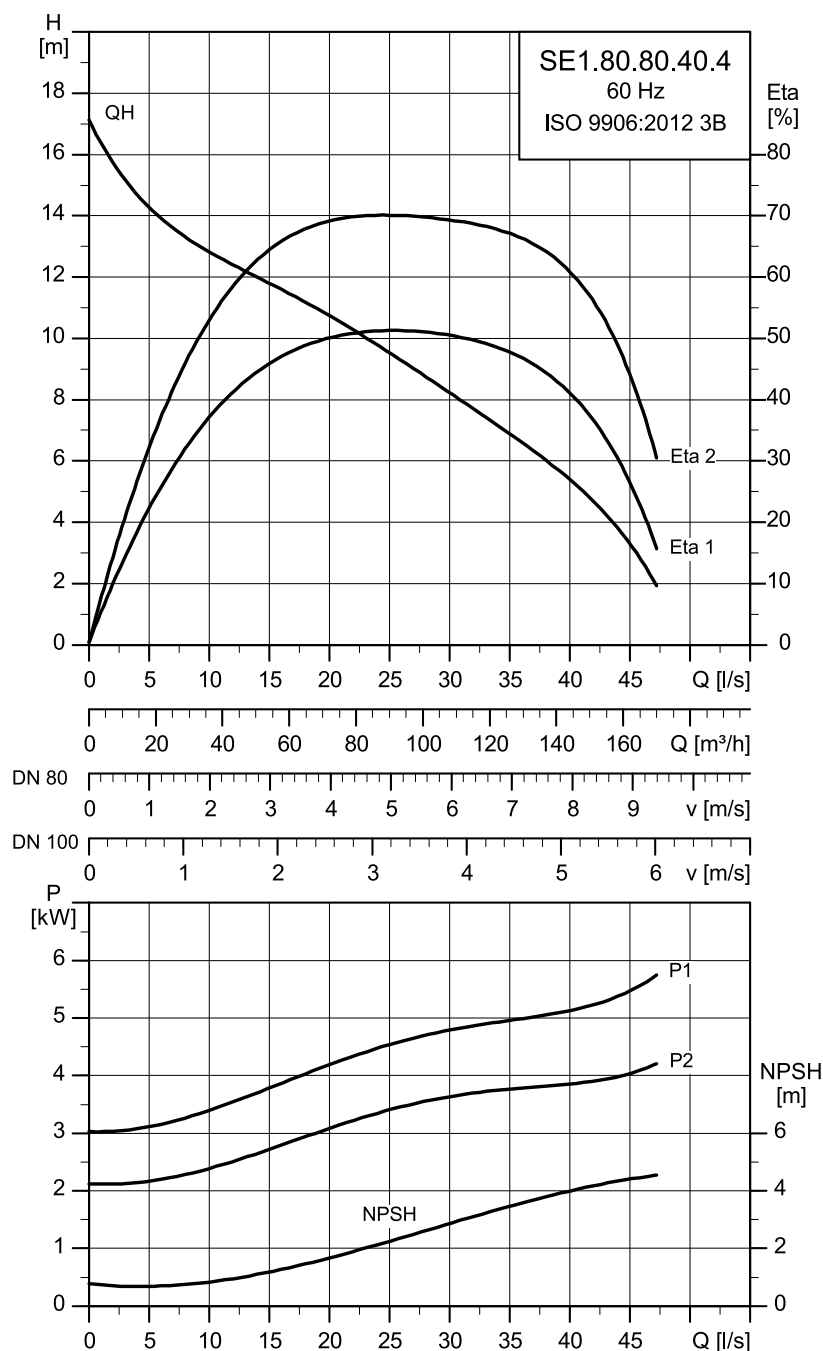
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.80.30.A.EX.4.61F.B	230	3.8	2.9	4	1739	Star-delta (YD)	10.59	68	84.7	85.6	84.8	0.69	0.79	0.83
	460						5.69	47	82.6	85.5	86.3	0.55	0.68	0.76

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SE1.80.80.30.A.EX.4.61F.B	171	0.03829	PN 10	12	0.01040	47.5
						64.5

SE1.80.80.40.4



TM087463

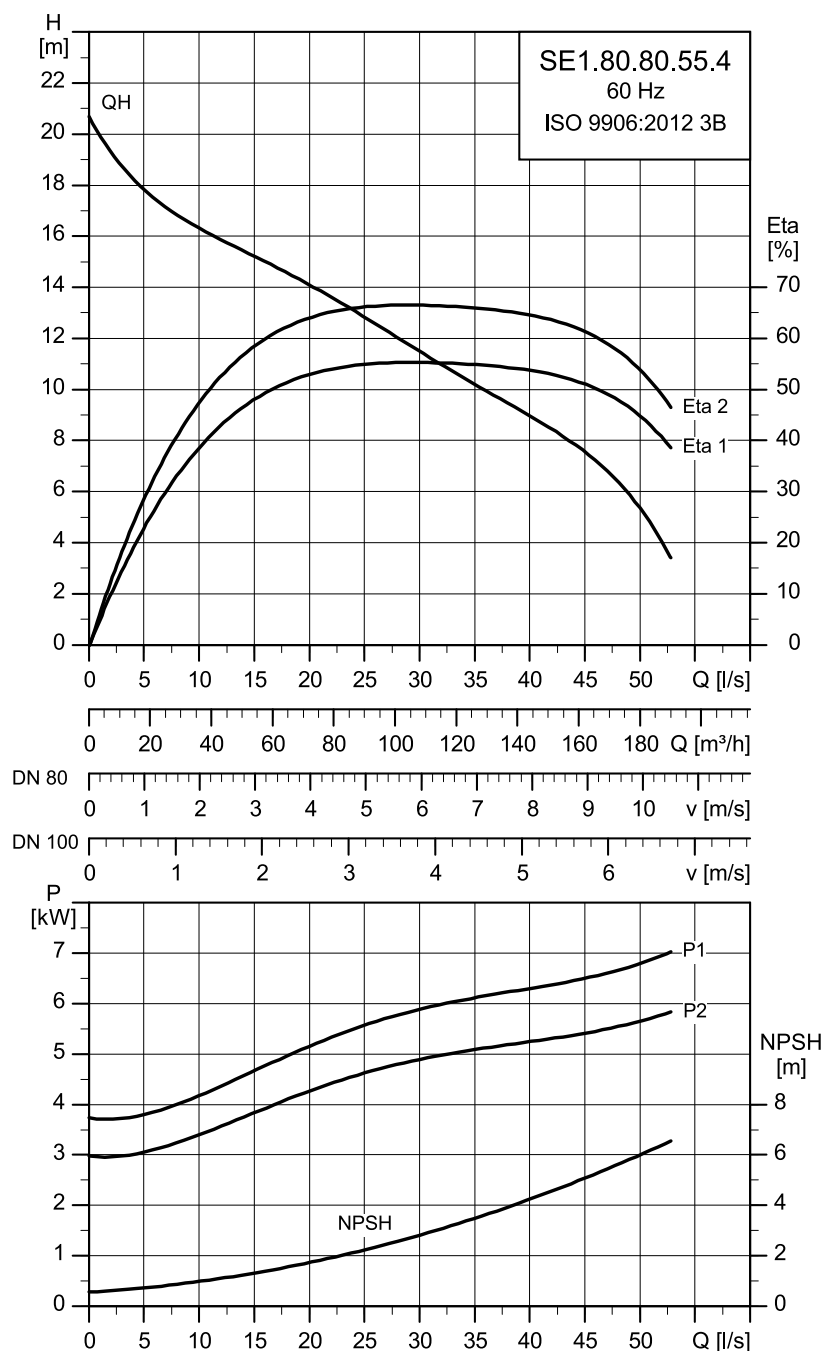
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.80.40.A.EX.4.61F.B	230	4.7	4	4	1741	Star-delta (YD)	14.04	84	86.8	86.9	85.5	0.72	0.8	0.83
	460						7.26	58.5	85.7	87.6	87.7	0.59	0.72	0.79

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.80.80.40.A.EX.4.61F.B	221	0.04625	PN 10	12	0.01280	52
						71

SE1.80.80.55.4



TM087464

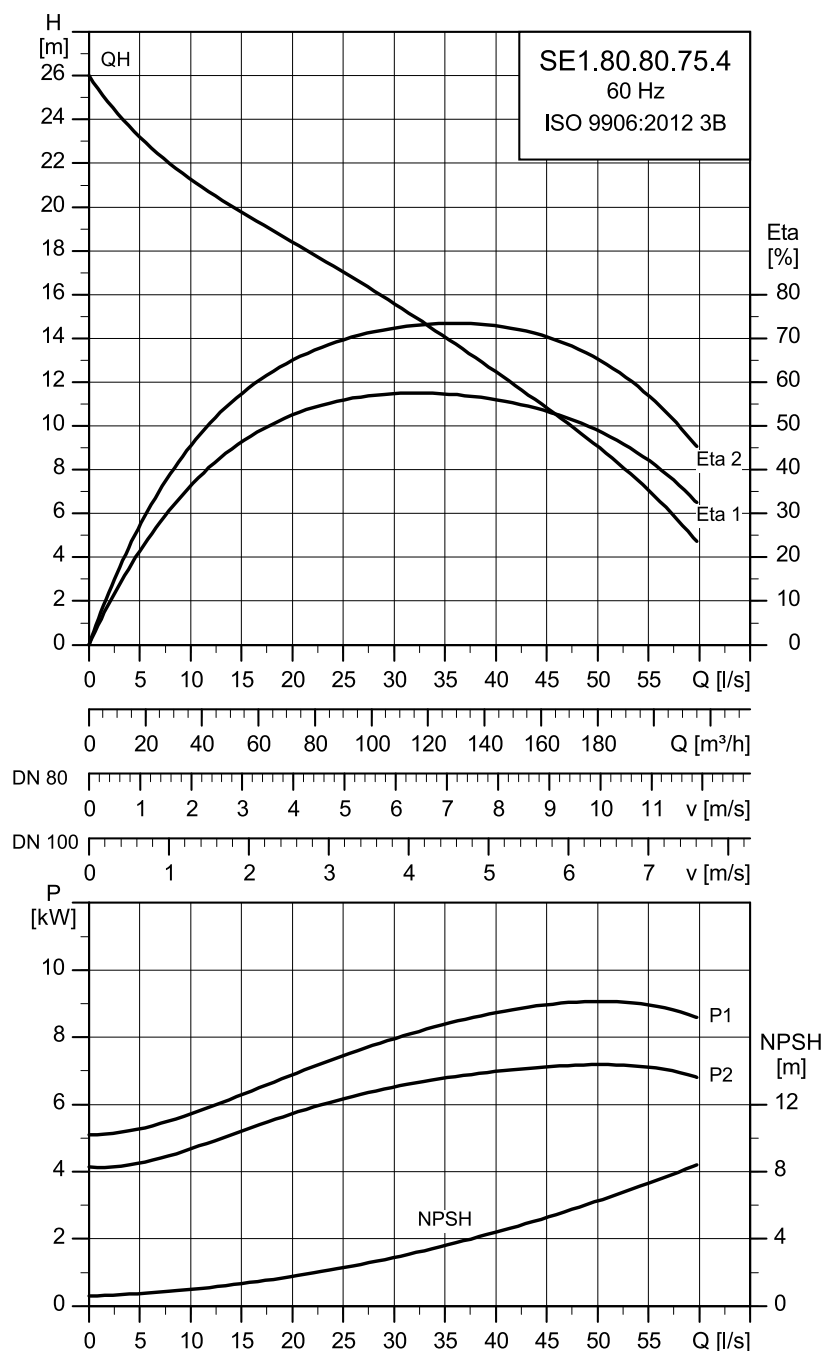
Motor data

Pump type	Voltage [V]	P1 [Hp]	P2 [Hp]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.80.55.A.EX.4.61F.B	230	6.5	5.5	4	1727	Star-delta (YD)	19.1	120	86.4	86.6	85.1	0.69	0.8	0.85
	460						10.3	82.5	84.4	86.6	86.8	0.54	0.68	0.77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.80.80.55.A.EX.4.61F.B	200	0.05869	PN 10	12	0.01420	89
						120

SE1.80.80.75.4



TM087465

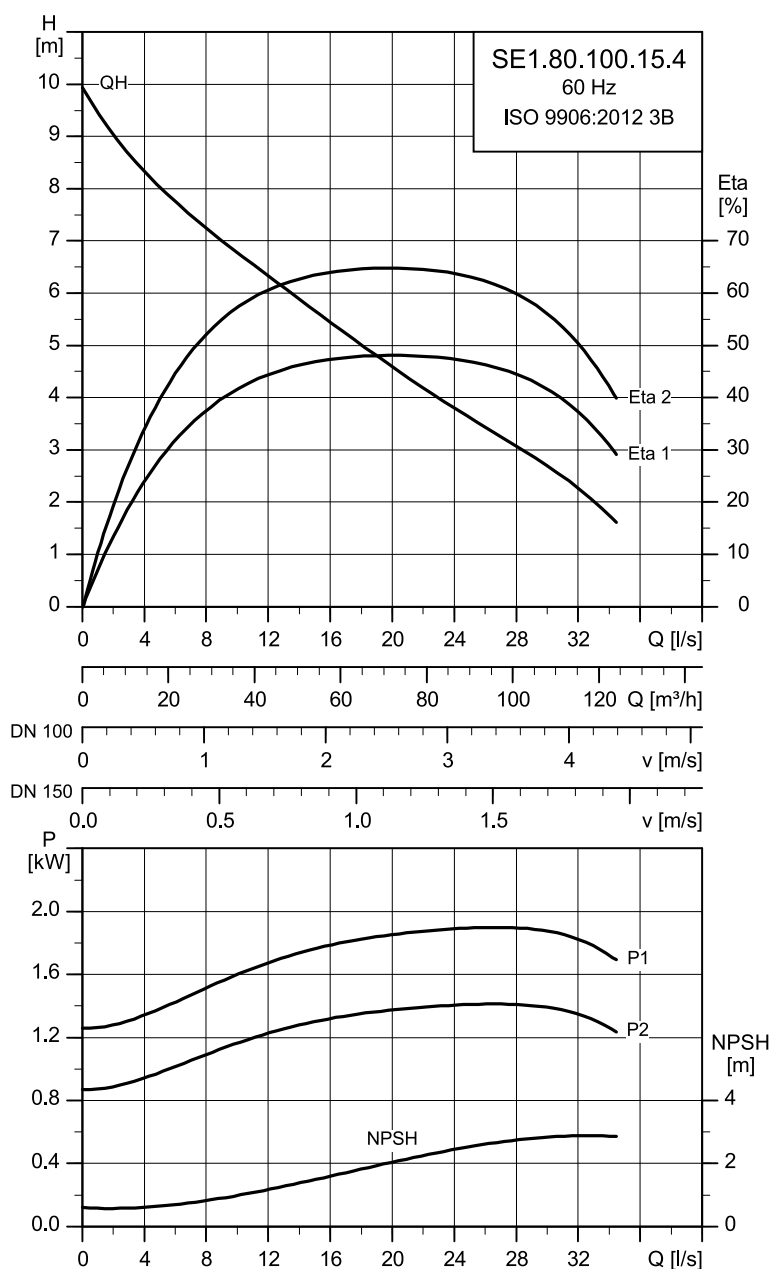
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.80.75.A.EX.4.61F.B	230	8.7	7.4	4	1709	Star-delta (YD)	27.6	104	79.6	80.9	79.4	0.82	0.85	0.86
	460						13.4	78	79.3	82.5	83.2	0.71	0.8	0.84

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.80.80.75.A.EX.4.61F.B	224	0.08408	PN 10	12	0.02490	70
						99

SE1.80.100.15.4



TM087466

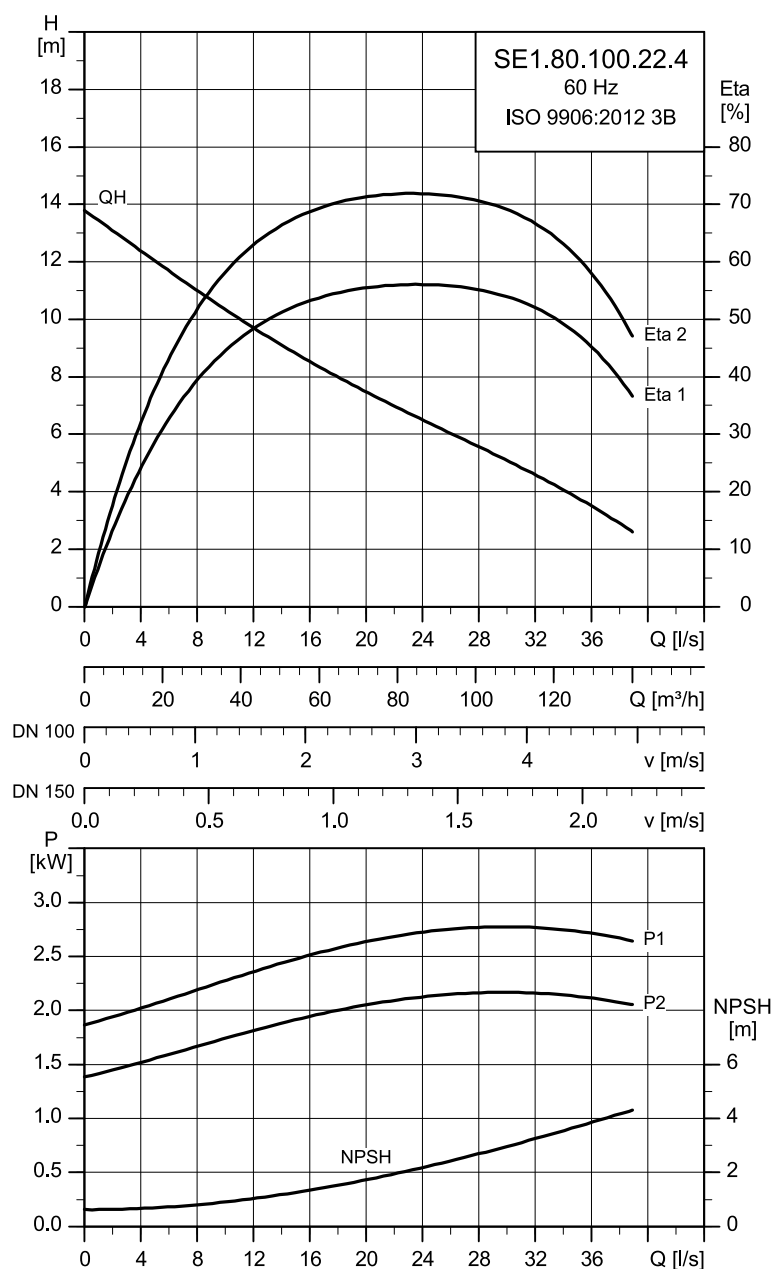
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.100.15.A.EX.4.60F.B	230	2	1.5	4	1703	Direct-on-line (DOL)	7.3	29.5	77.5	79	77.1	0.71	0.79	0.83
SE1.80.100.15.A.EX.4.60G.B	460	2	1.5	4	1739	Direct-on-line (DOL)	4.2	20.2	74.7	78.9	80	0.57	0.69	0.77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M_{max} [Nm]
SE1.80.100.15.A.EX.4.60F.B	152	0.01931	PN 10	12	0.00330	19.4
SE1.80.100.15.A.EX.4.60G.B	152	0.01931	PN 10	12	0.00330	26.5

SE1.80.100.22.4



TM087467

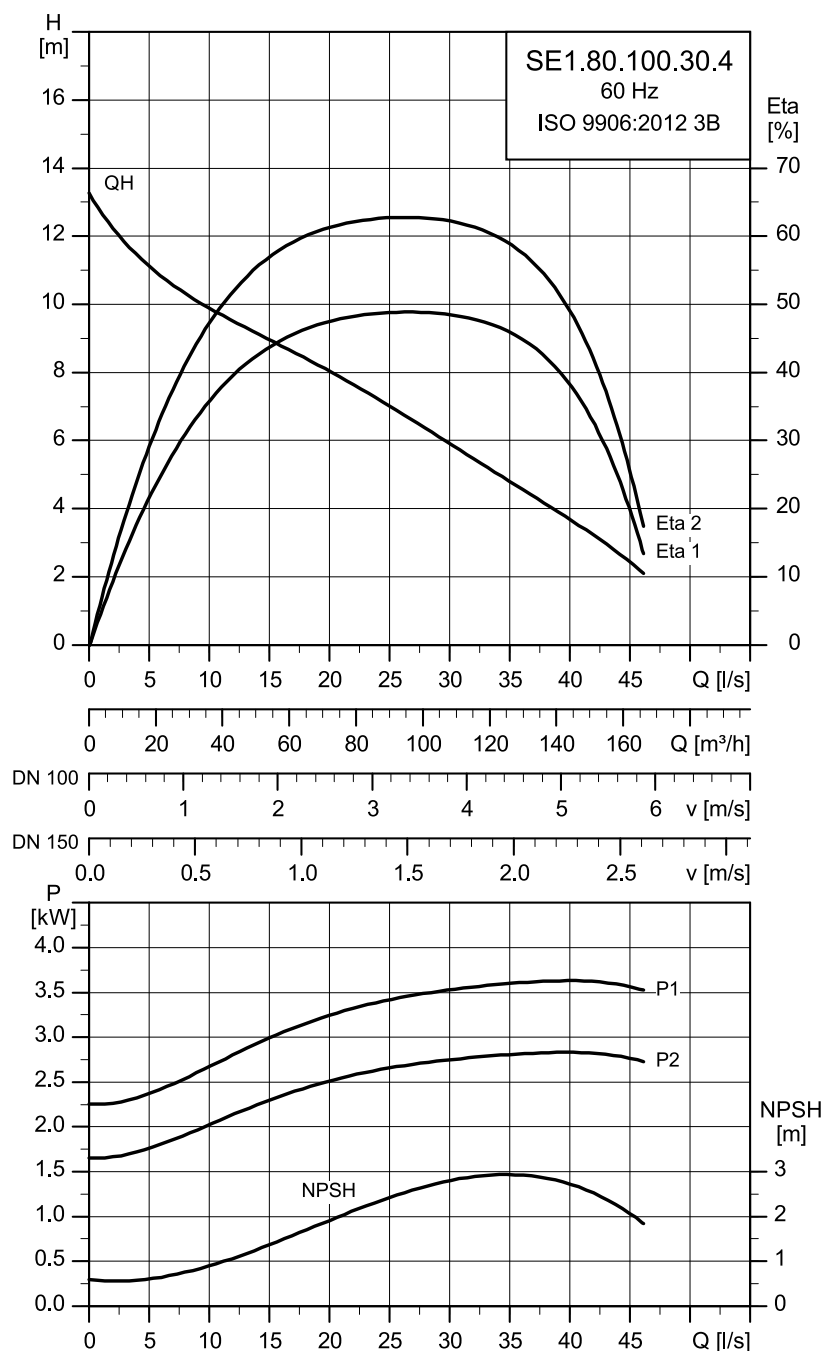
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.100.22.A.EX.4.60F.B	230	2.8	2.2	4	1717	Direct-on-line (DOL)	8.19	51.5	80.6	82.1	81	0.69	0.78	0.83
SE1.80.100.22.A.EX.4.60G.B	460	2.8	2.2	4	1743	Direct-on-line (DOL)	5.9	35.5	77.2	81.1	82.4	0.52	0.65	0.74

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SE1.80.100.22.A.EX.4.60F.B	172	0.03163	PN 10	12	0.00440	33.5
SE1.80.100.22.A.EX.4.60G.B	172	0.03163	PN 10	12	0.00440	45.5

SE1.80.100.30.4



TM087468

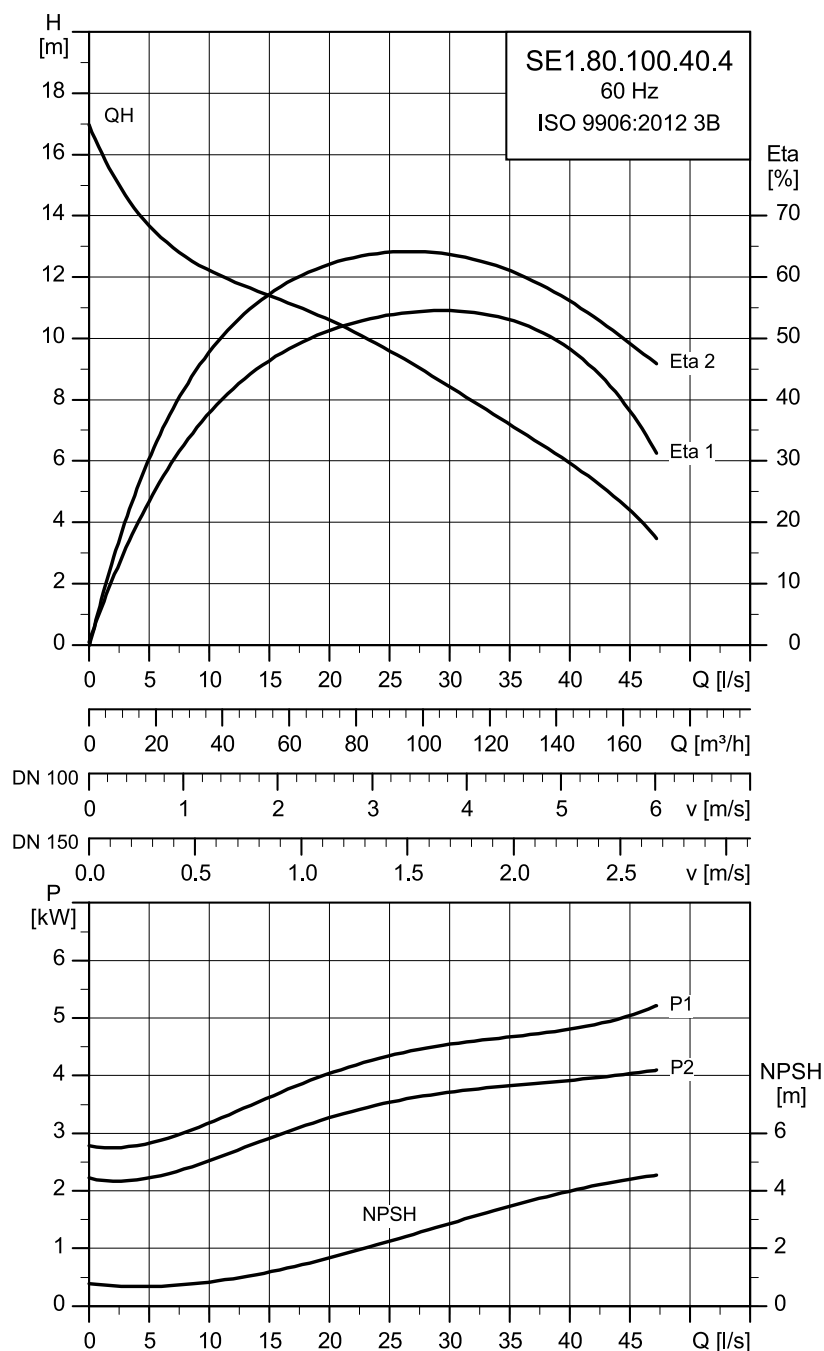
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.100.30.A.EX.4.61F.B	230	3.8	2.9	4	1739	Star-delta (YD)	10.59	68	84.7	85.6	84.8	0.69	0.79	0.83
	460						5.69	47	82.6	85.5	86.3	0.55	0.68	0.76

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.80.100.30.A.EX.4.61F.B	171	0.03829	PN 10	12	0.01040	47.5
						64.5

SE1.80.100.40.4



TM087469

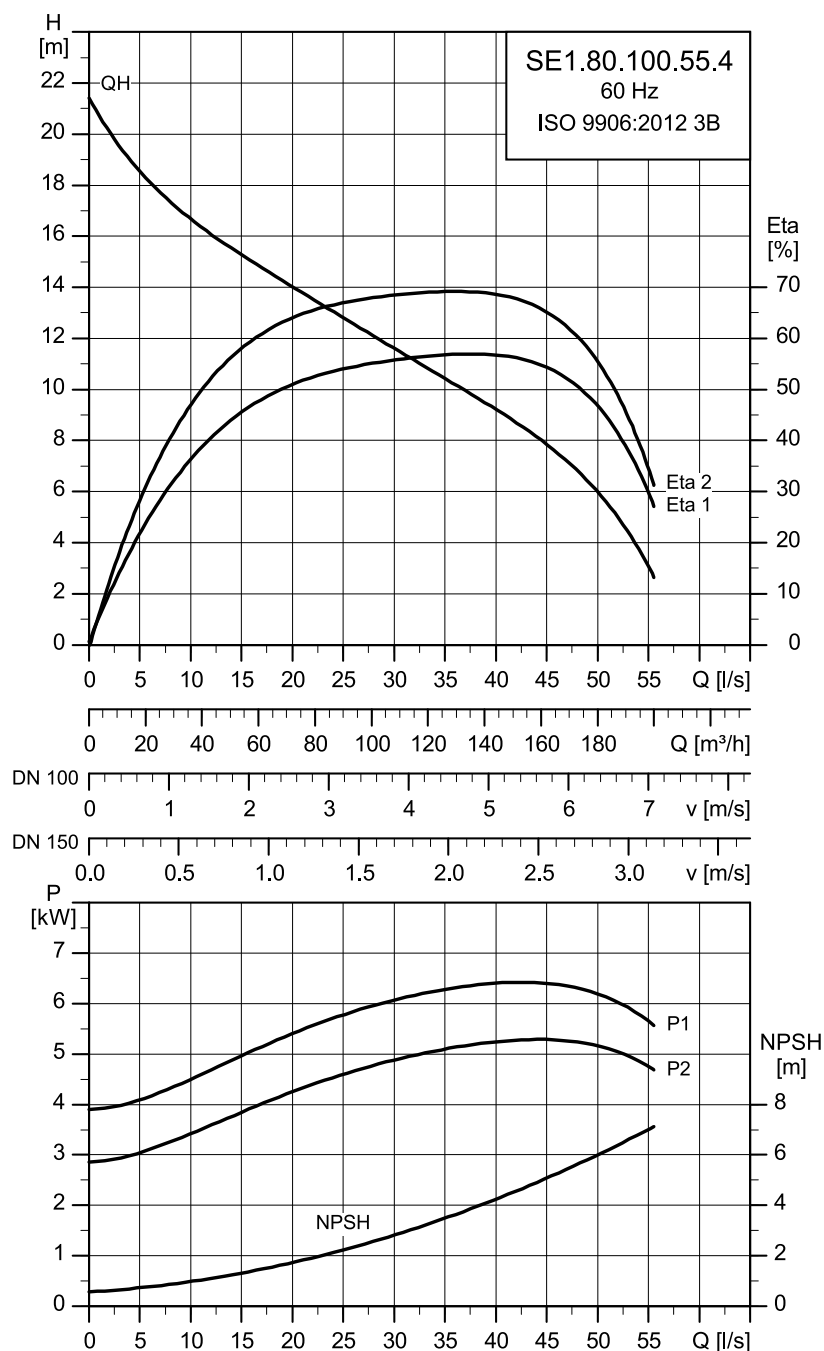
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [Hp]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.100.40.A.EX.4.61F.B	230	4.9	4	4	1741	Star-delta (YD)	14.04	84	86.8	86.9	85.5	0.72	0.8	0.83
	460						7.26	58.5	85.7	87.6	87.7	0.59	0.72	0.79

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SE1.80.100.40.A.EX.4.61F.B	221	0.04600	PN 10	12	0.01280	52
						71

SE1.80.100.55.4



TM087470

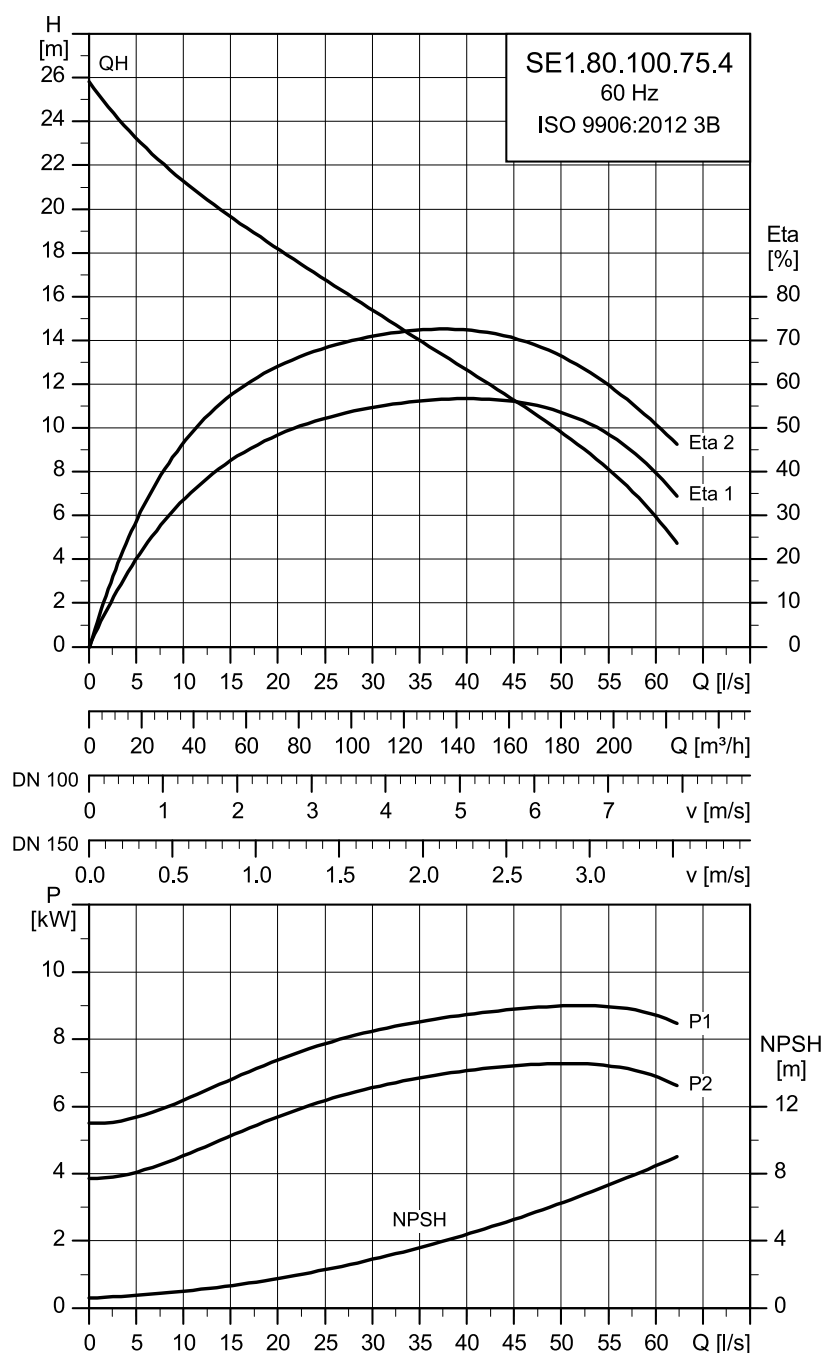
Motor data

Pump type	Voltage [V]	P1 [Hp]	P2 [Hp]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.100.55.A.EX.4.61F.B	230	6.5	5.5	4	1727	Star-delta (YD)	19.1	120	86.4	86.6	85.1	0.69	0.8	0.85
	460						10.3	82.5	84.4	86.6	86.8	0.54	0.68	0.77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SE1.80.100.55.A.EX.4.61F.B	200	0.05869	PN 10	12	0.01420	89
						120

SE1.80.100.75.4



TM087471

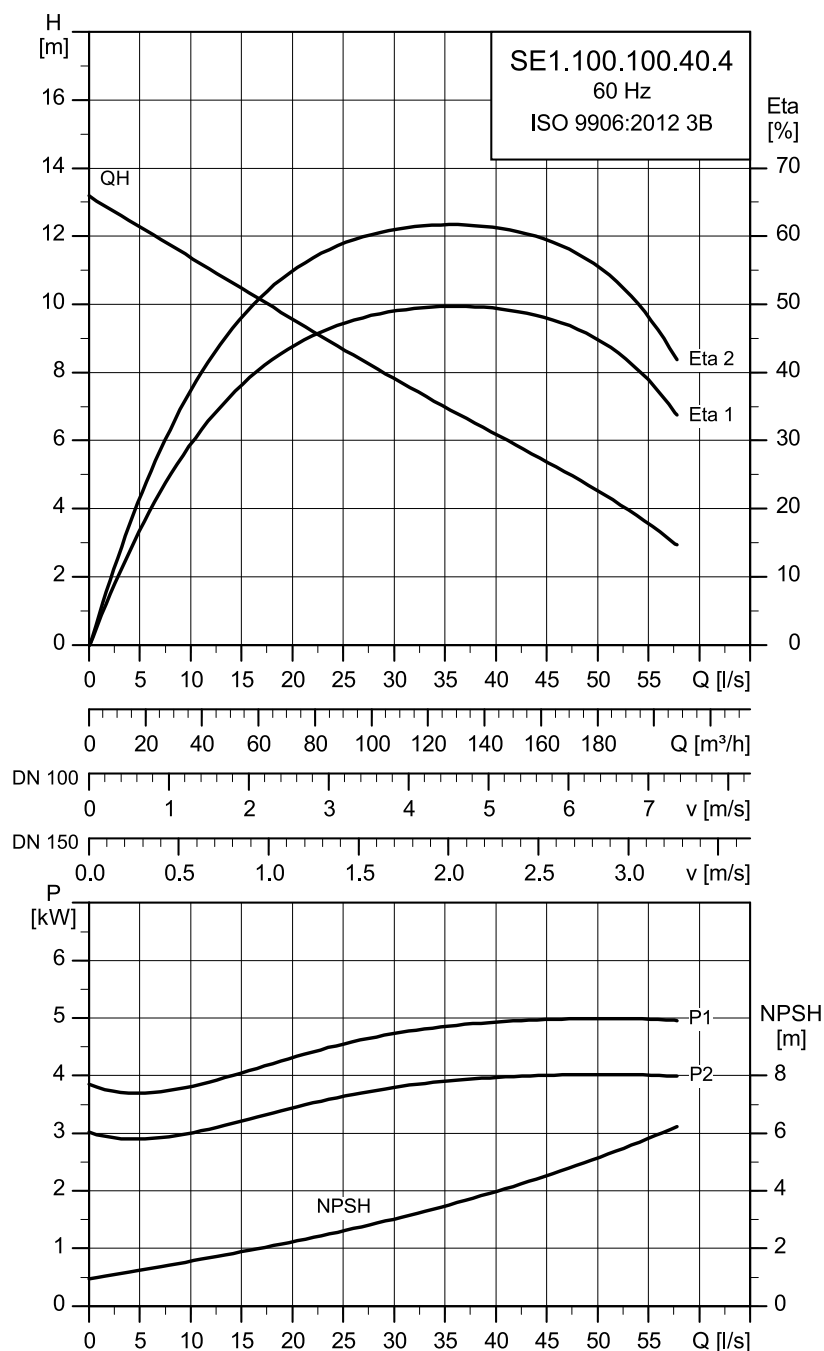
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.80.100.75.A.EX.4.61F.B	230	8.7	7.4	4	1709	Star-delta (YD)	27.6	104	79.6	80.9	79.4	0.82	0.85	0.86
	460						13.4	78	79.3	82.5	83.2	0.71	0.8	0.84

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SE1.80.100.75.A.EX.4.61F.B	224	0.08408	PN 10	12	0.02490	70
						99

SE1.100.100.40.4



TM087472

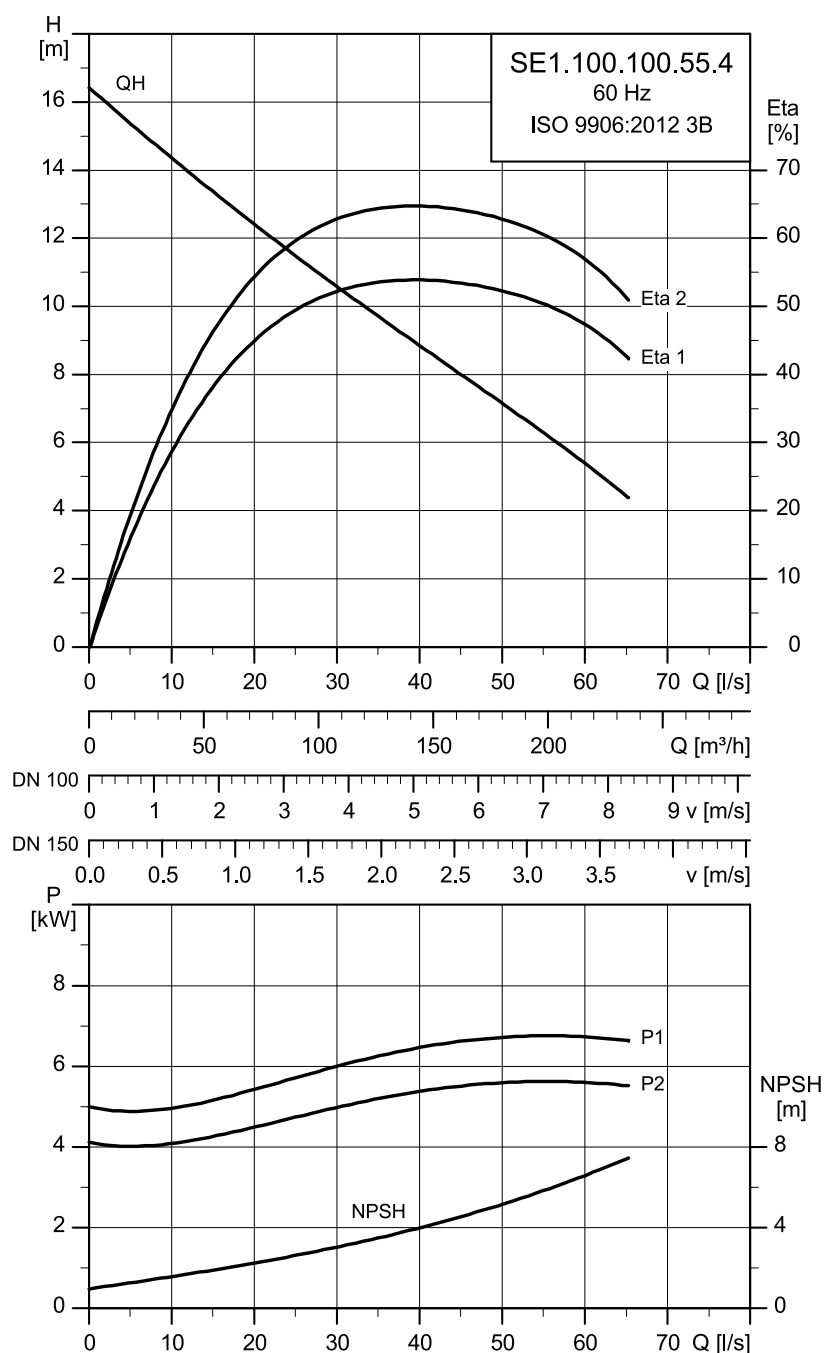
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.100.100.40.A.EX.4.61F.B	230	4.9	4	4	1741	Star-delta (YD)	14.04	84	86.8	86.9	85.5	0.72	0.8	0.83
	460						7.26	58.5	85.7	87.6	87.7	0.59	0.72	0.79

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.100.100.40.A.EX.4.61F.B	181	0.06320	PN 10	12	0.01280	52
						71

SE1.100.100.55.4



TM087473

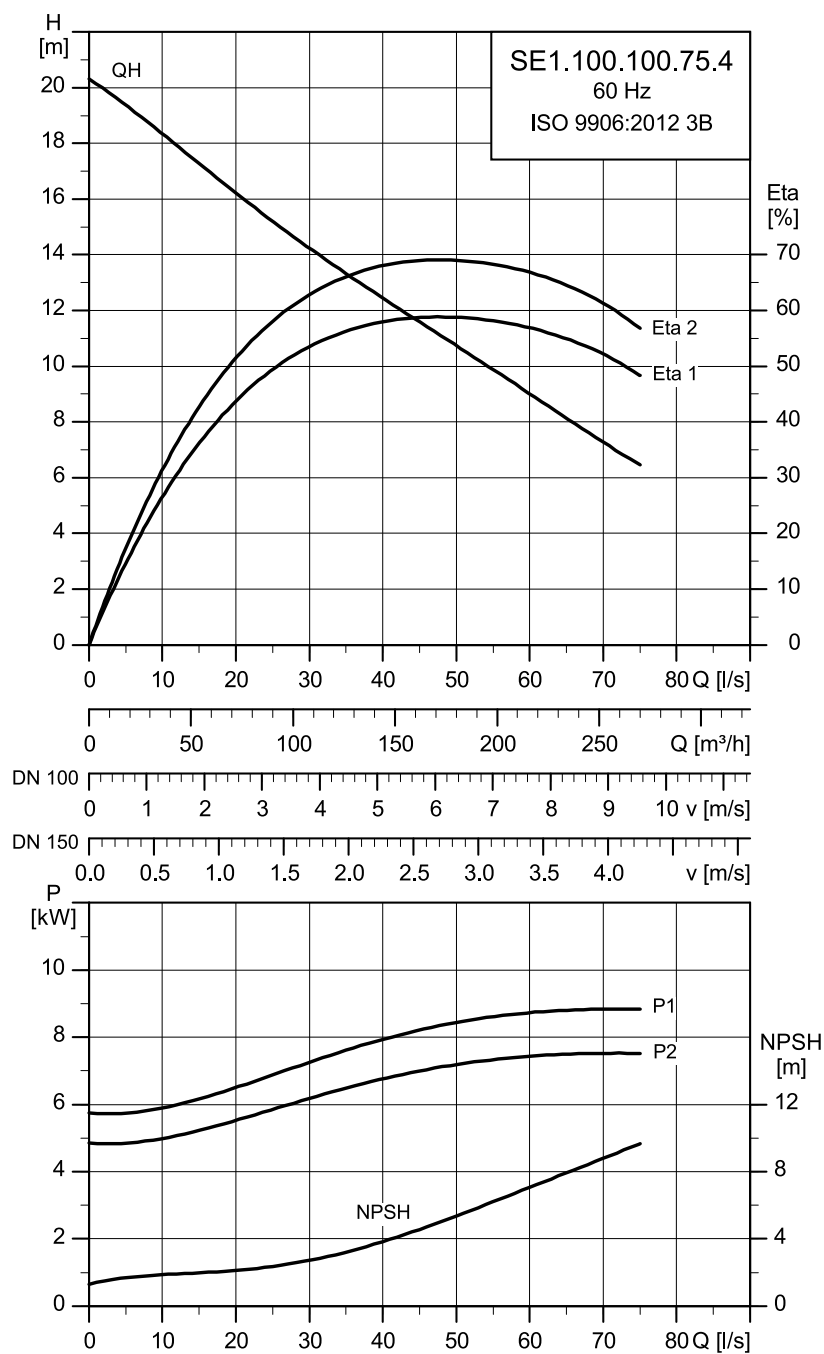
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.100.100.55.A.EX.4.61F.B	230	6.5	5.5	4	1727	Star-delta (YD)	19.1	120	86.4	86.6	85.1	0.69	0.8	0.85
	460						10.3	82.5	84.4	86.6	86.8	0.54	0.68	0.77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.100.100.55.A.EX.4.61F.B	196	0.07415	PN 10	12	0.01420	89
						120

SE1.100.100.75.4



TM087474

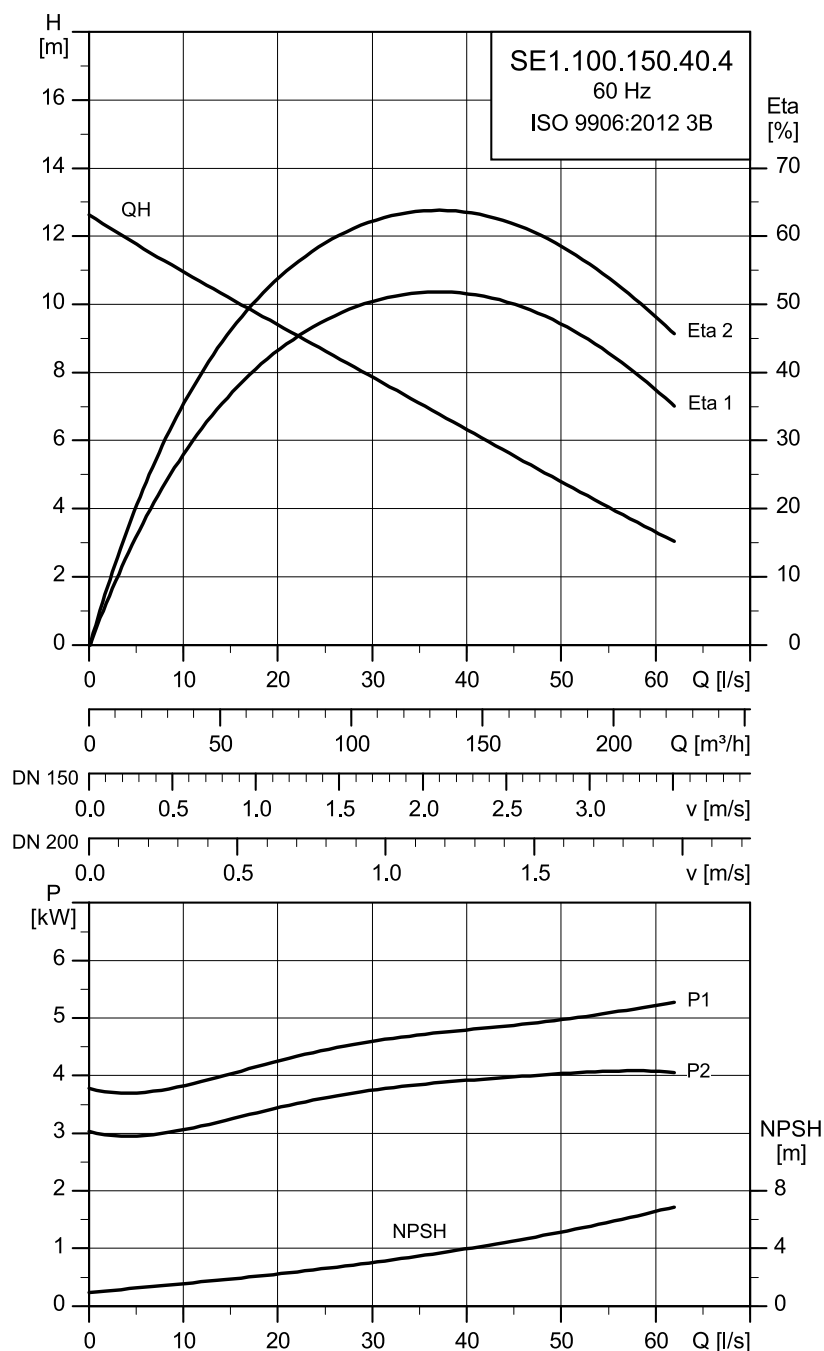
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.100.100.75.A.EX.4.61F.B	230	8.7	7.4	4	1709	Star-delta (YD)	27.6	104	79.6	80.9	79.4	0.82	0.85	0.86
	460						13.4	78	79.3	82.5	83.2	0.71	0.8	0.84

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.100.100.75.A.EX.4.61F.B	210	0.08149	PN 10	12	0.02490	70
						99

SE1.100.150.40.4



TM087475

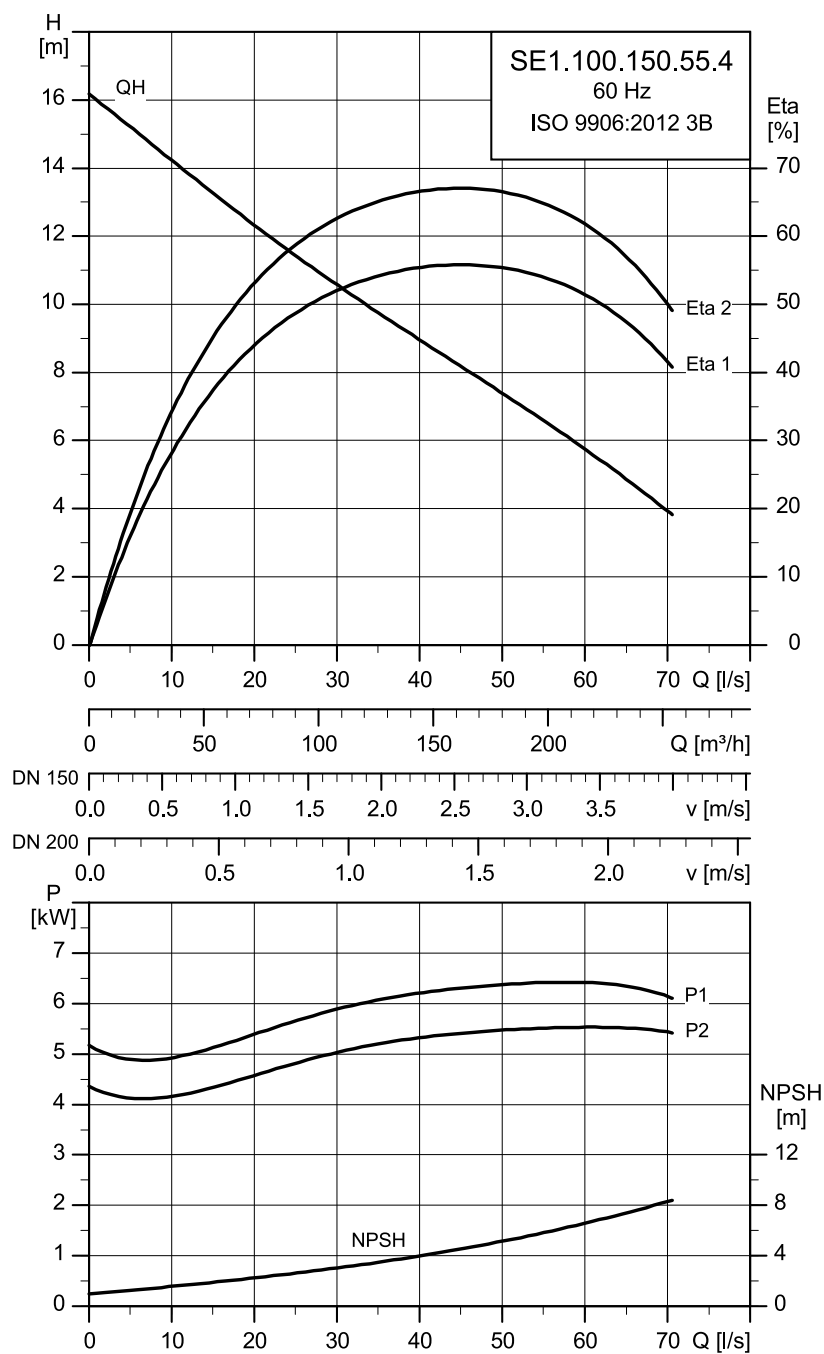
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.100.150.40.A.EX.4.61F.B	230	4.6	4	4	1.741	Star-delta (YD)	14,04	84	86,8	86,9	85,5	0,72	0,8	0,83
	460						7,26	58,5	85,7	87,6	87,7	0,59	0,72	0,79

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.100.150.40.A.EX.4.61F.B	181	0,06320	PN 10	12	0,01280	52
						71

SE1.100.150.55.4



TM087476

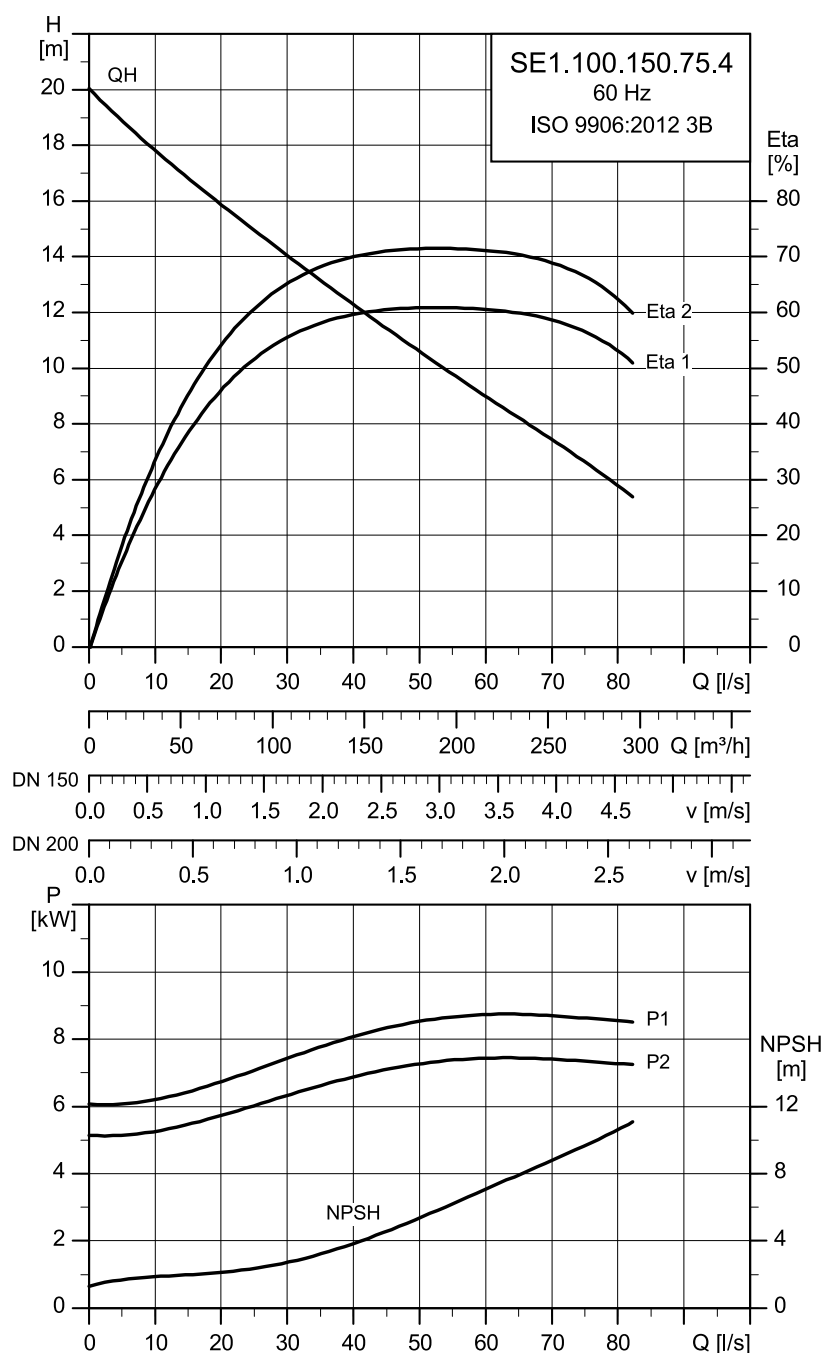
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.100.150.55.A.EX.4.61F.B	230	6.4	5.5	4	1727	Star-delta (YD)	19,1	120	86,4	86,6	85,1	0,69	0,8	0,85
	460						10,3	82,5	84,4	86,6	86,8	0,54	0,68	0,77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.100.150.55.A.EX.4.61F.B	196	0,07415	PN 10	12	0,01420	89
						120

SE1.100.150.75.4



TM087477

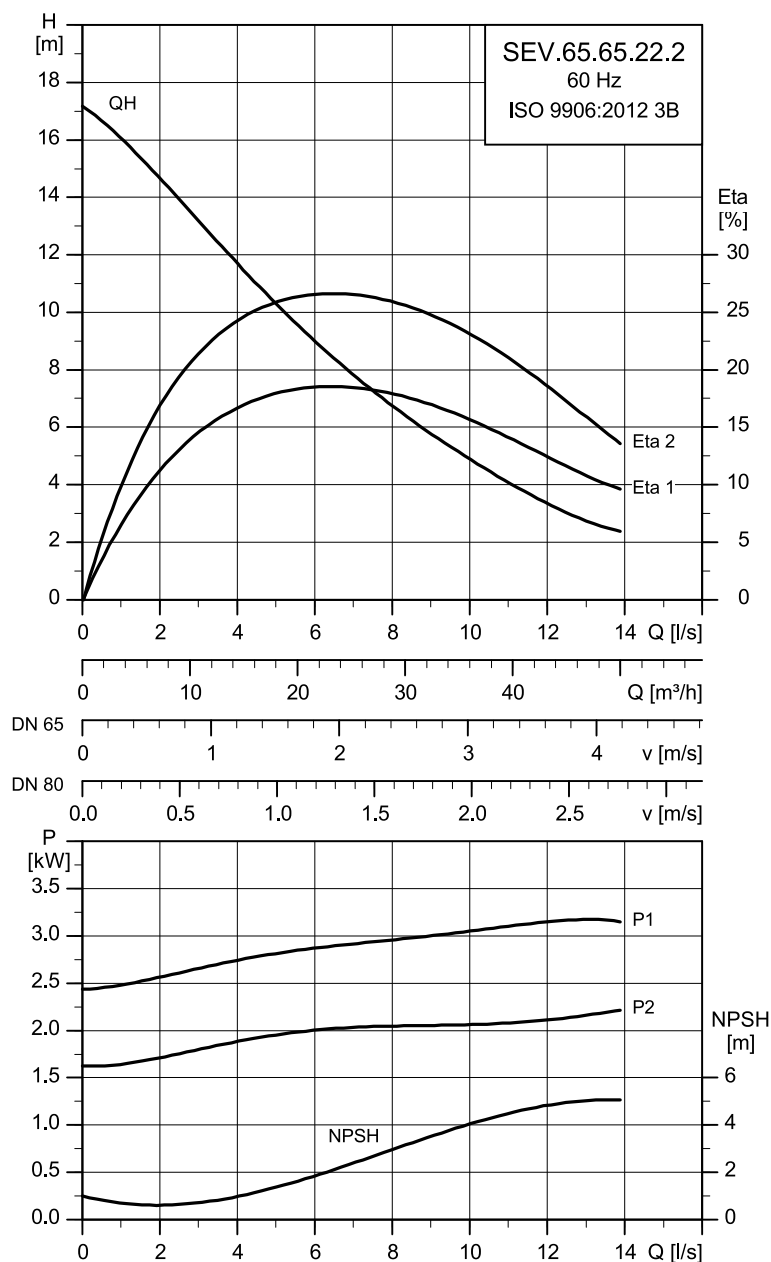
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SE1.100.150.75.A.EX.4.61F.B	230	8.7	7.4	4	1.709	Star-delta (YD)	27,6	104	79,6	80,9	79,4	0,82	0,85	0,86
	460						13,4	78	79,3	82,5	83,2	0,71	0,8	0,84

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SE1.100.150.75.A.EX.4.61F.B	210	0,08149	PN 10	12	0,02490	70
						99

SEV.65.65.22.2



TM087478

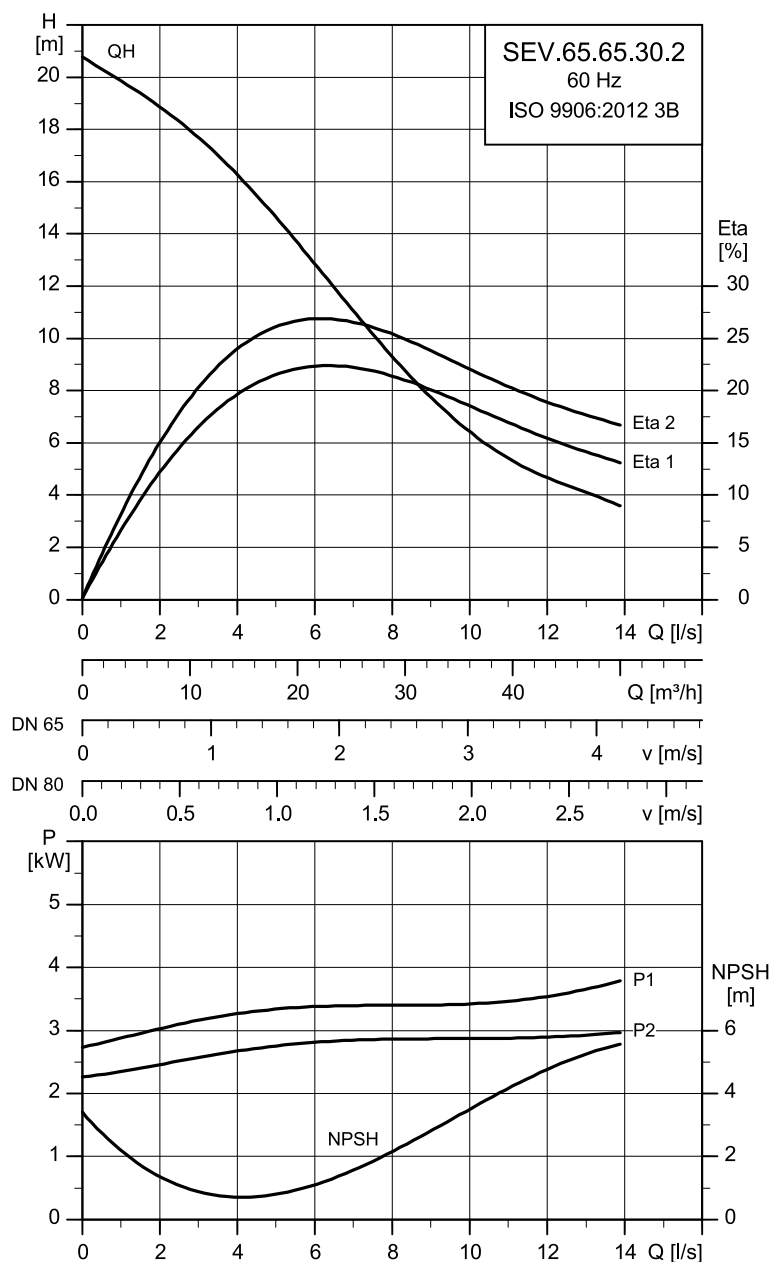
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.65.65.22.A.EX.2.60F	230	3.1	2.2	2	3472	Direct-on-line (DOL)	8.7	50	80.5	82.6	82.3	0.83	0.88	0.9
SEV.65.65.22.A.EX.2.60G	460	3.1	2.2	2	3510	Direct-on-line (DOL)	5	34.5	78.4	82.4	83.7	0.7	0.8	0.85

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.65.65.22.A.EX.2.60F	128.3	0.00303	PN 10	12	0.00190	14.6
SEV.65.65.22.A.EX.2.60G	128.3	0.00303	PN 10	12	0.00190	21.8

SEV.65.65.30.2



TM087479

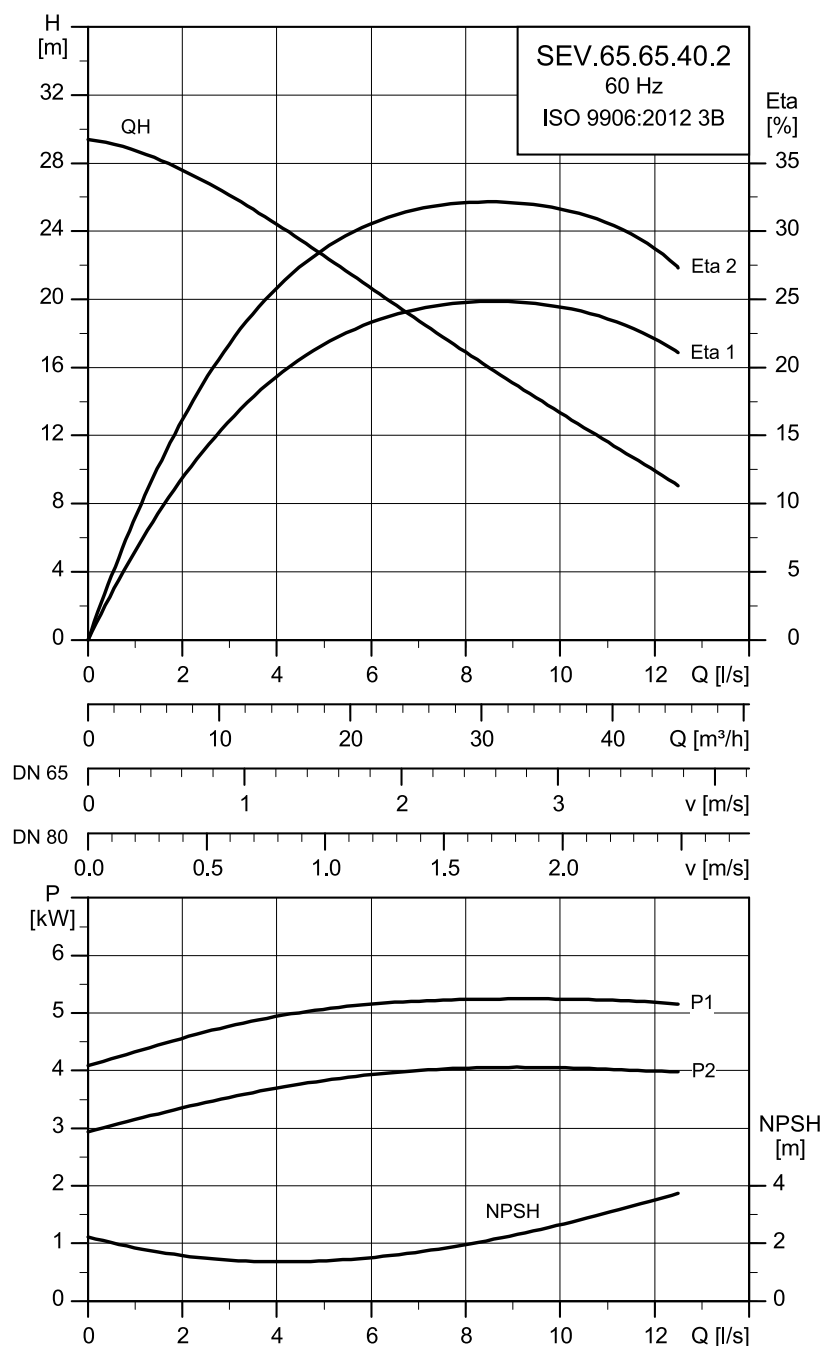
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.65.65.30.A.EX.2.60F	230	3.5	2.9	2	3463	Direct-on-line (DOL)	10.14	66	81.2	82.9	82.1	0.85	0.89	0.91
SEV.65.65.30.A.EX.2.60G	460	3.5	2.9	2	3506	Direct-on-line (DOL)	5.07	46	79.9	83.4	84.3	0.77	0.85	0.88

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SEV.65.65.30.A.EX.2.60F	129	0.00346	PN 10	12	0.00260	16.4
SEV.65.65.30.A.EX.2.60G	129	0.00346	PN 10	12	0.00260	23.4

SEV.65.65.40.2



TM087480

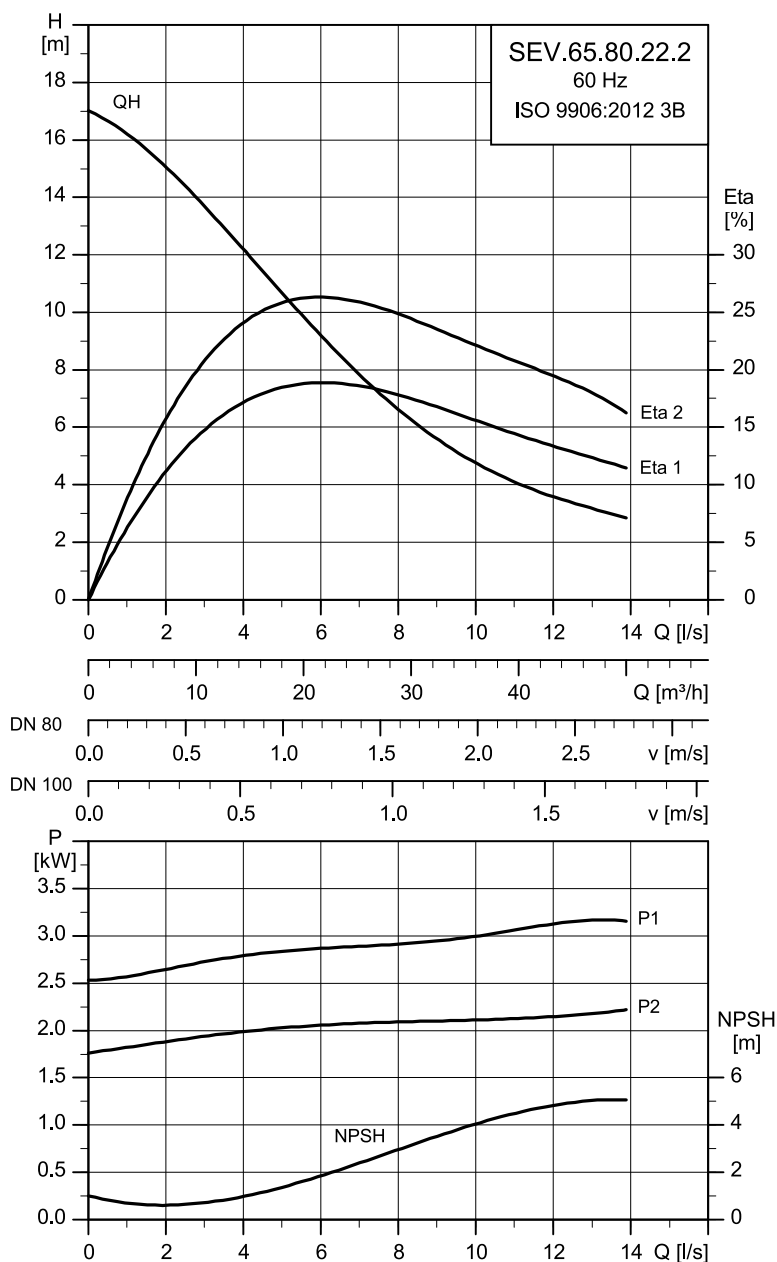
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.65.65.40.A.EX.2.61F	230	5.1	4	2	3485	Star-delta (YD)	13.05	93.5	84.5	86	85.6	0.82	0.88	0.9
	460						6.7	63.5	83.5	86.3	87.1	0.71	0.81	0.86

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.65.65.40.A.EX.2.61F	149	0.00600	PN 10	12	0.00540	31
						45.5

SEV.65.80.22.2



TM087481

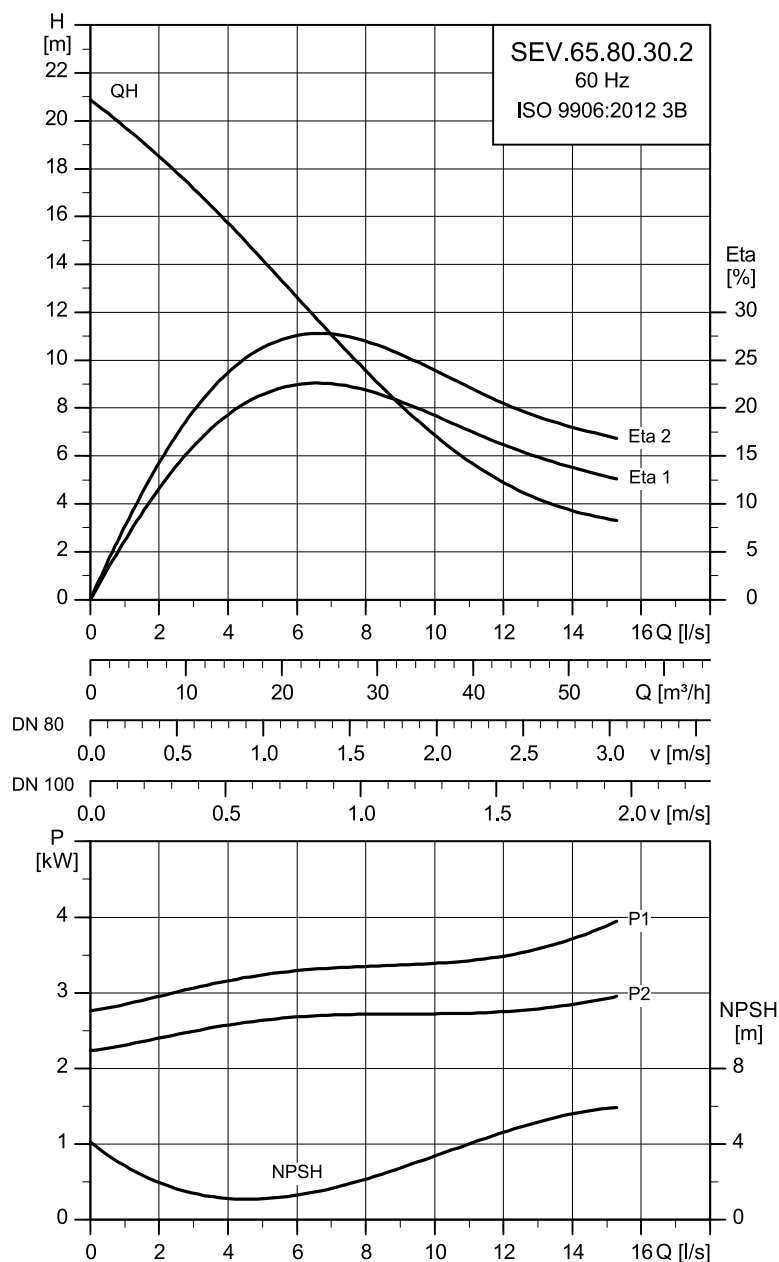
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.65.80.22.A.EX.2.60F	230	3	2.2	2	3472	Direct-on-line (DOL)	8.7	50	80.5	82.6	82.3	0.83	0.88	0.9
SEV.65.80.22.A.EX.2.60G	460	3	2.2	2	3510	Direct-on-line (DOL)	5	34.5	78.4	82.4	83.7	0.7	0.8	0.85

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.65.80.22.A.EX.2.60F	128.3	0.00303	PN 10	12	0.00190	14.6
SEV.65.80.22.A.EX.2.60G	128.3	0.00303	PN 10	12	0.00190	21.8

SEV.65.80.30.2



TM087482

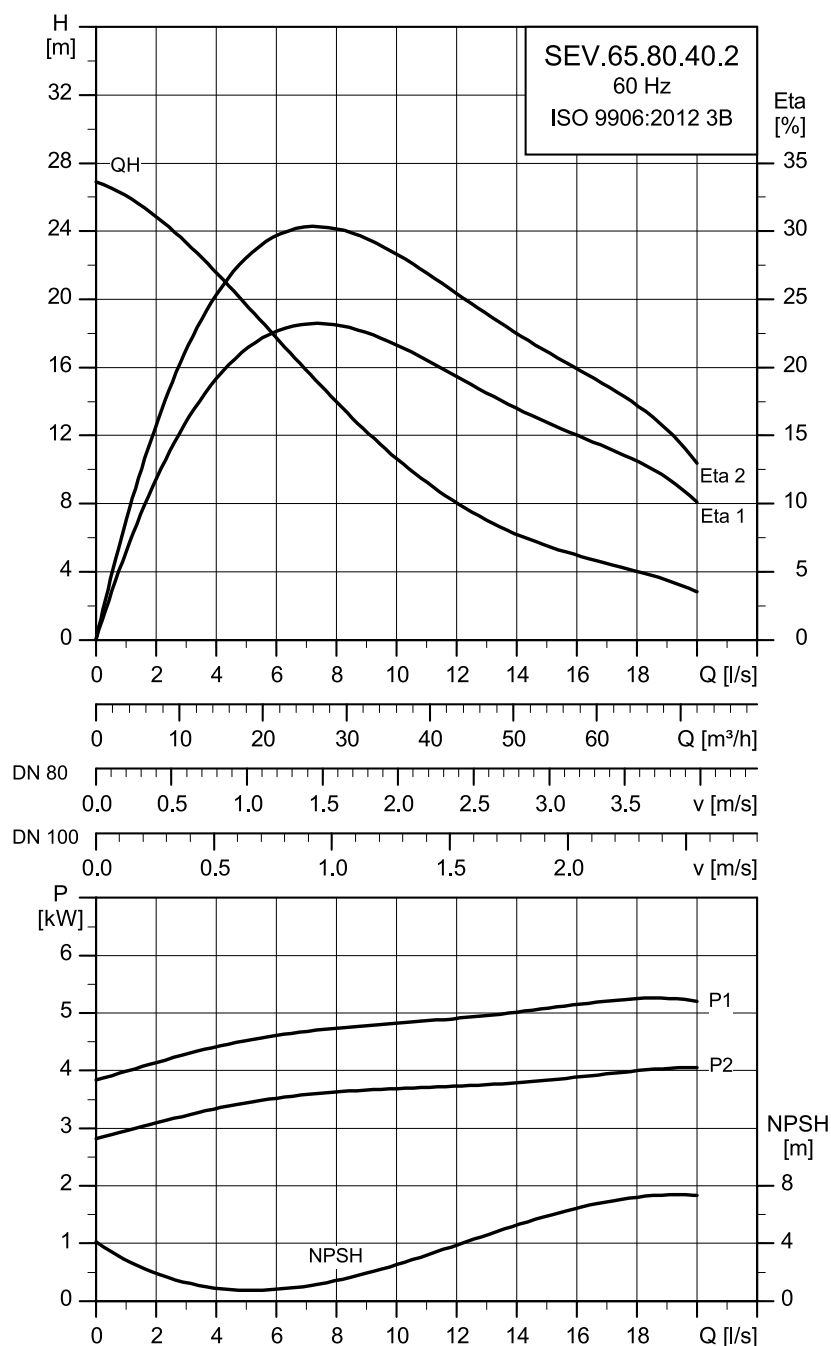
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.65.80.30.A.EX.2.60F	230	3.6	2.9	2	3463	Direct-on-line (DOL)	10.14	66	81.2	82.9	82.1	0.85	0.89	0.91
SEV.65.80.30.A.EX.2.60G	460	3.6	2.9	2	3506	Direct-on-line (DOL)	5.07	46	79.9	83.4	84.3	0.77	0.85	0.88

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.65.80.30.A.EX.2.60F	129	0.00346	PN 10	12	0.00260	16.4
SEV.65.80.30.A.EX.2.60G	129	0.00346	PN 10	12	0.00260	23.4

SEV.65.80.40.2



TM087483

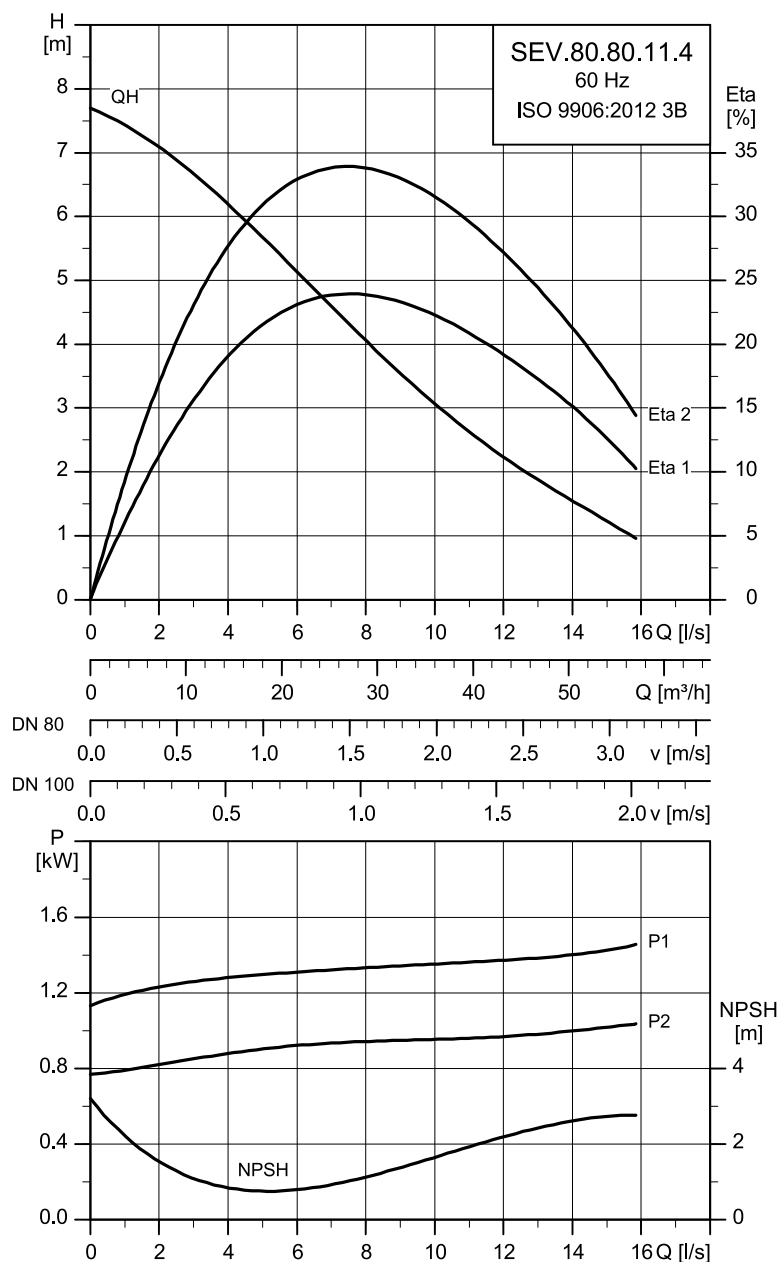
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.65.80.40.A.EX.2.61F	230	5.1	4	2	3485	Star-delta (YD)	13.05	93.5	84.5	86	85.6	0.82	0.88	0.9
	460						6.7	63.5	83.5	86.3	87.1	0.71	0.81	0.86

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.65.80.40.A.EX.2.61F	144	0.00552	PN 10	12	0.00540	31
						45.5

SEV.80.80.11.4



TM087484

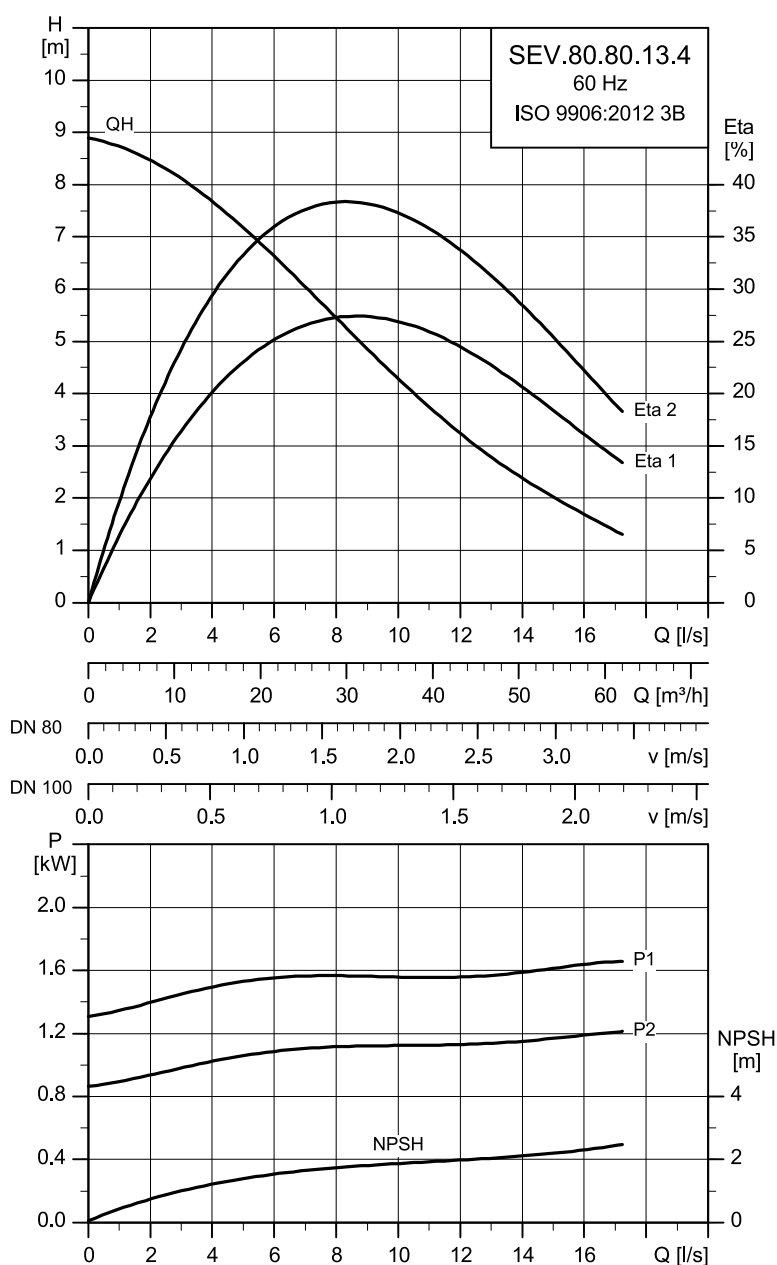
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.11.A.EX.4.60F	230	1.5	1.1	4	1714	Direct-on-line (DOL)	4.28	19.8	76.8	78.5	77.5	0.68	0.78	0.83
SEV.80.80.11.A.EX.4.60G	460	1.5	1.1	4	1742	Direct-on-line (DOL)	3.8	13.4	72.6	77.4	79	0.52	0.65	0.74

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.80.11.A.EX.4.60F	155	0.00964	PN 10	12	0.00260	14
SEV.80.80.11.A.EX.4.60G	155	0.00964	PN 10	12	0.00260	19

SEV.80.80.13.4



TM087485

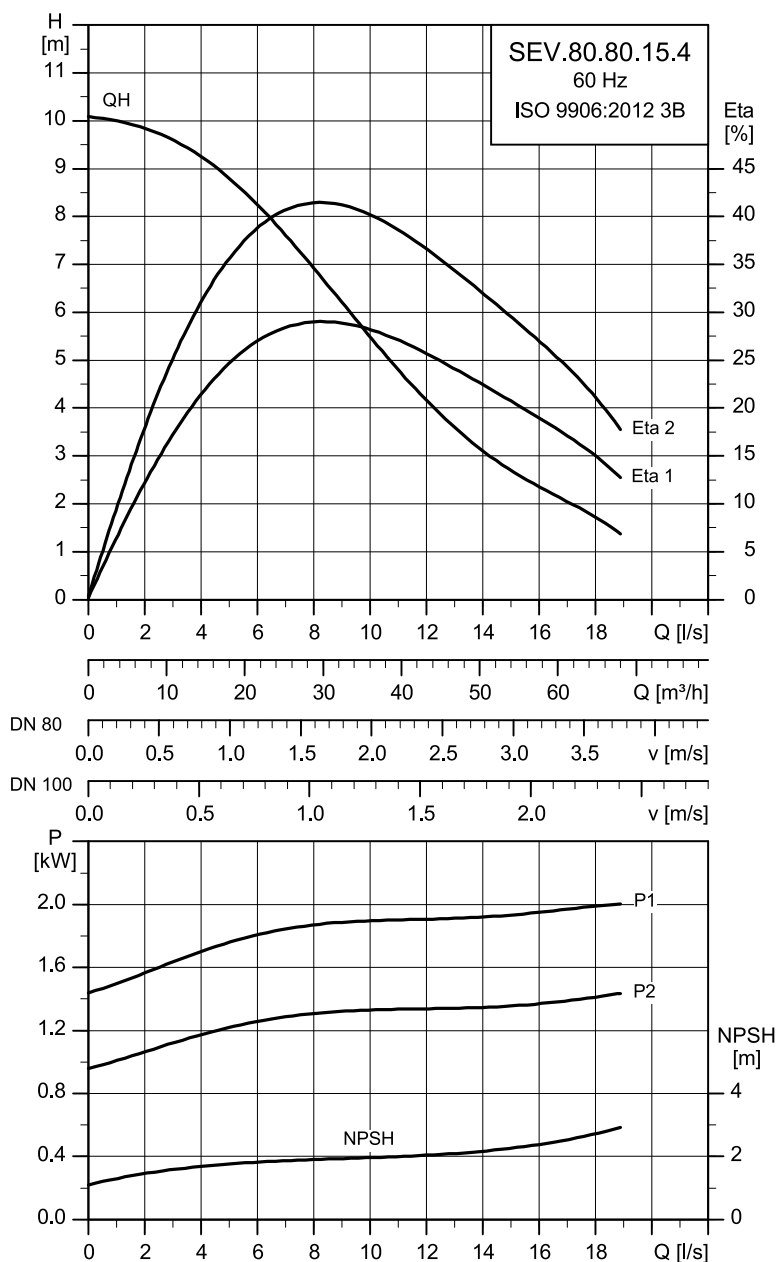
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.13.A.EX.4.60F	230	1.8	1.3	4	1724	Direct-on-line (DOL)	5.128	29.5	75.9	78.8	78.4	0.67	0.76	0.81
SEV.80.80.13.A.EX.4.60G	460	1.8	1.3	4	1749	Direct-on-line (DOL)	4.2	20.2	72.5	77.7	79	0.53	0.65	0.73

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SEV.80.80.13.A.EX.4.60F	163	0.01113	PN 10	12	0.00330	19.4
SEV.80.80.13.A.EX.4.60G	163	0.01113	PN 10	12	0.00330	26.5

SEV.80.80.15.4



TM087486

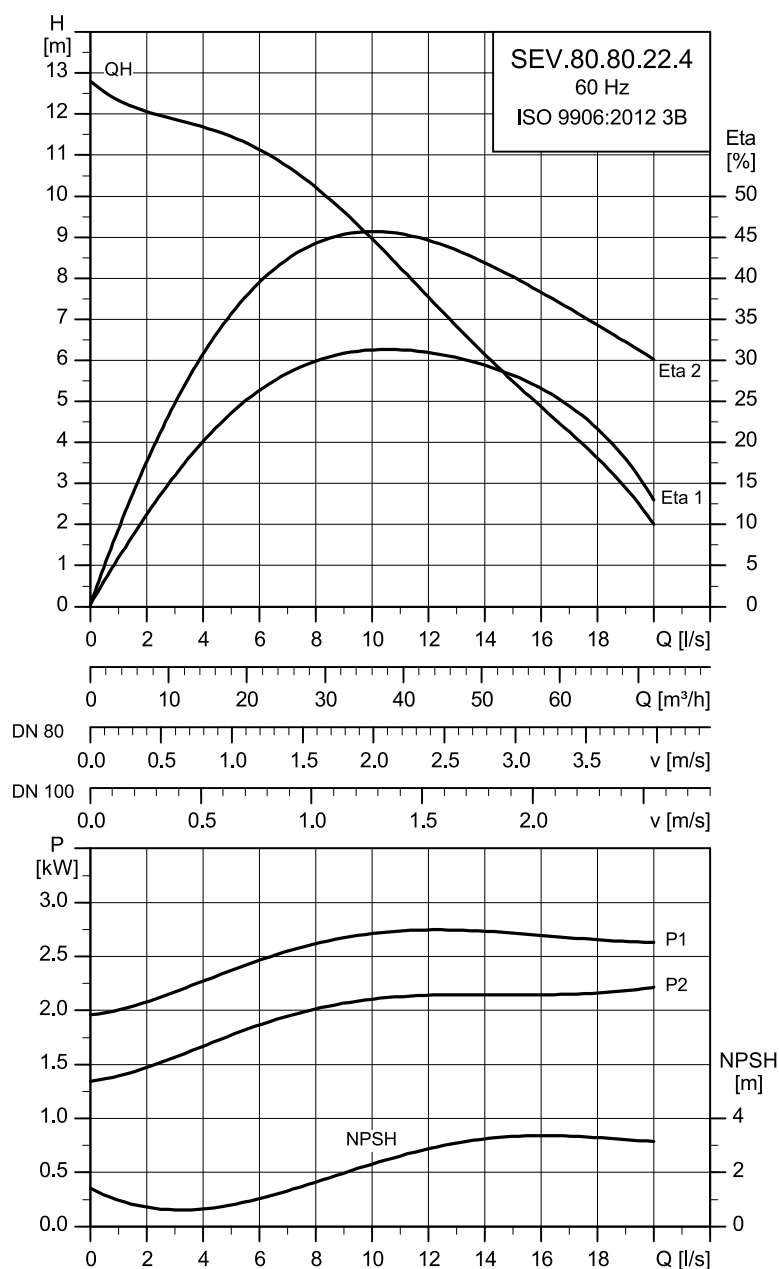
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.15.A.EX.4.60F	230	2.1	1.5	4	1703	Direct-on-line (DOL)	7.3	29.5	77.5	79	77.1	0.71	0.79	0.83
SEV.80.80.15.A.EX.4.60G	460	2.1	1.5	4	1739	Direct-on-line (DOL)	4.2	20.2	74.7	78.9	80	0.57	0.69	0.77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SEV.80.80.15.A.EX.4.60F	170	0.01250	PN 10	12	0.00330	19.4
SEV.80.80.15.A.EX.4.60G	170	0.01250	PN 10	12	0.00330	26.5

SEV.80.80.22.4



TV087487

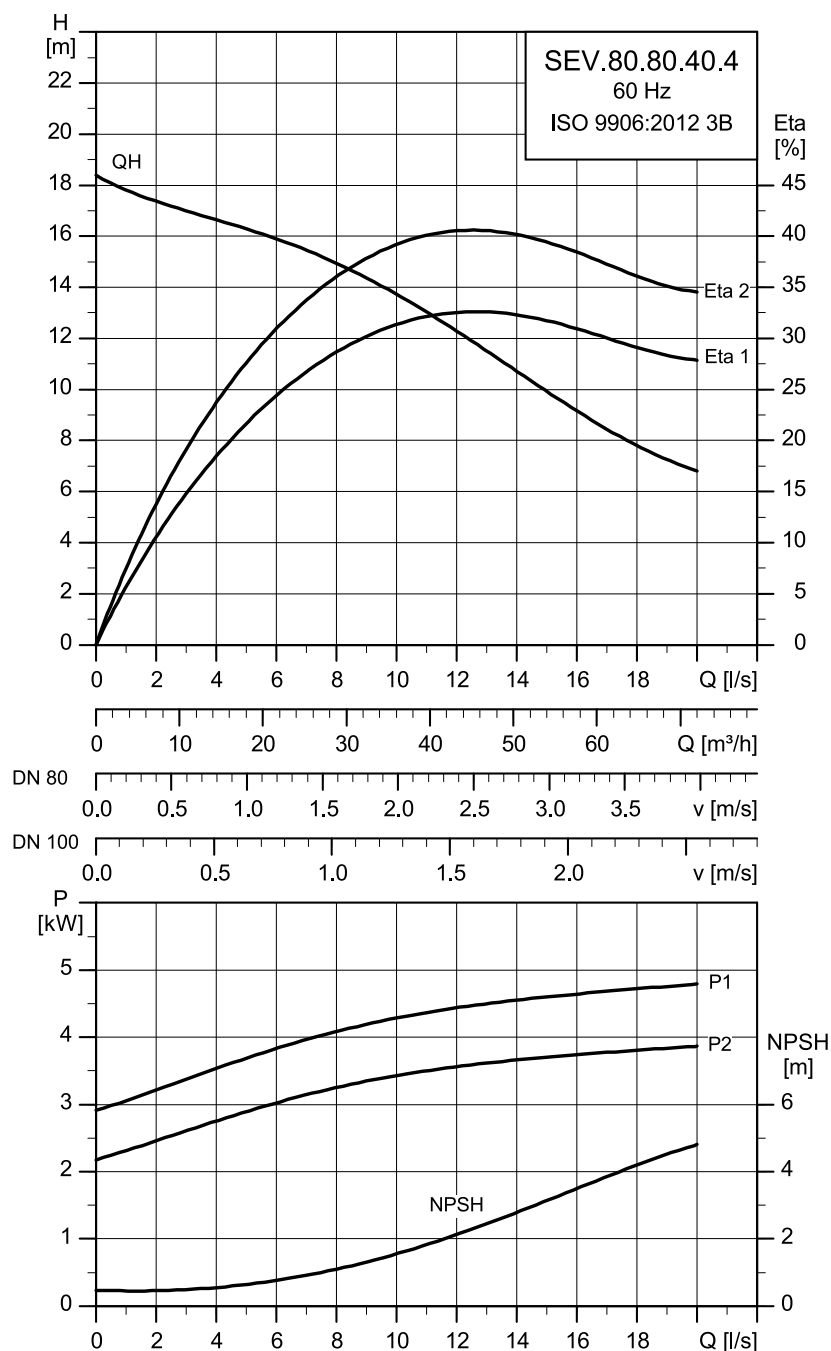
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.22.A.EX.4.60F	230	2.8	2.2	4	1717	Direct-on-line (DOL)	8.19	51.5	80.6	82.1	81	0.69	0.78	0.83
SEV.80.80.22.A.EX.4.60G	460	2.8	2.2	4	1743	Direct-on-line (DOL)	5.9	35.5	77.2	81.1	82.4	0.52	0.65	0.74

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SEV.80.80.22.A.EX.4.60F	188	0.01639	PN 10	12	0.00440	33.5
SEV.80.80.22.A.EX.4.60G	188	0.01639	PN 10	12	0.00440	45.5

SEV.80.80.40.4



TM087488

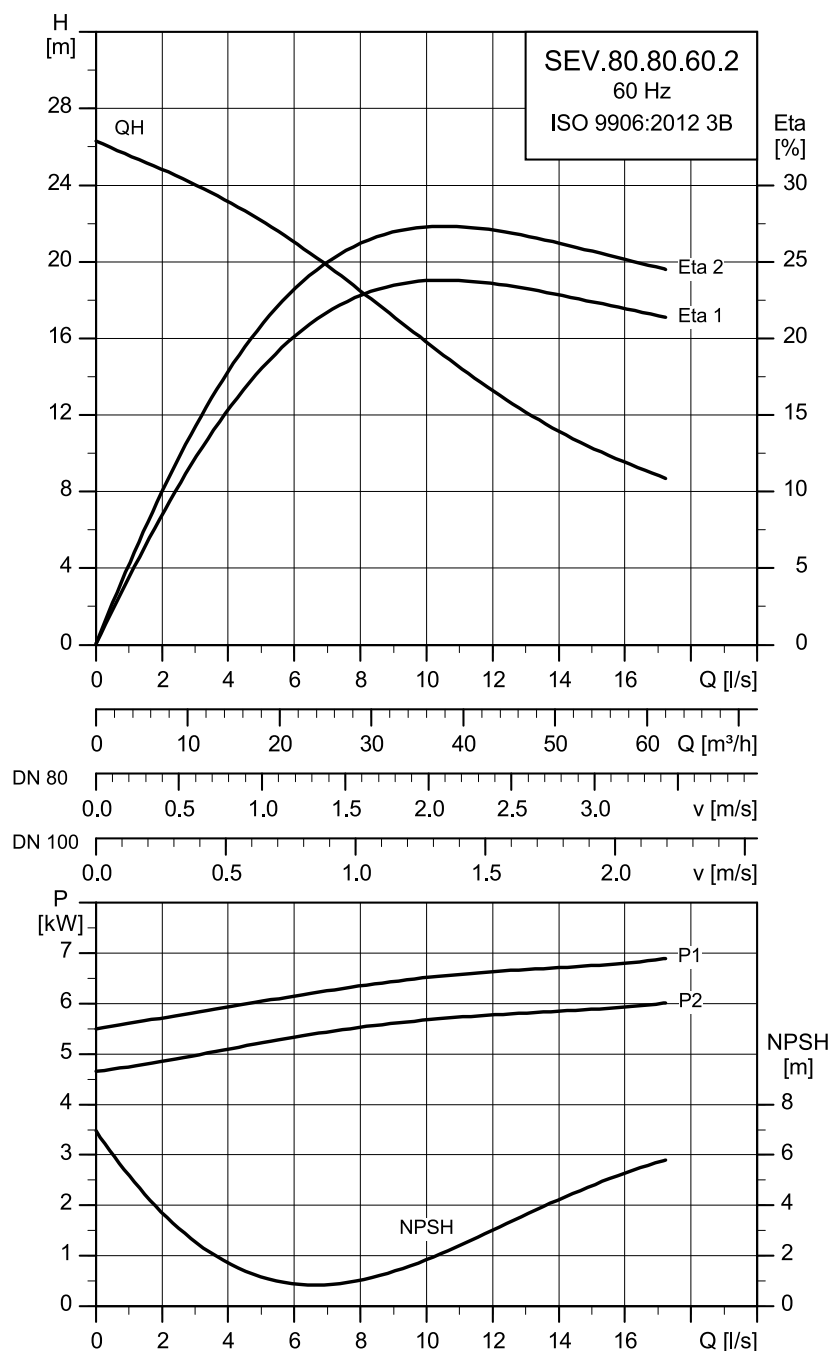
Motor data

Pump type	Voltage [V]	P1 [Hp]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.40.A.EX.4.61F	230	6.646	4	4	1741	Star-delta (YD)	14.04	84	86.8	86.9	85.5	0.72	0.8	0.83
	460						7.26	58.5	85.7	87.6	87.7	0.59	0.72	0.79

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.80.40.A.EX.4.61F	208	0.03780	PN 10	12	0.01280	52
						71

SEV.80.80.60.2



TM087489

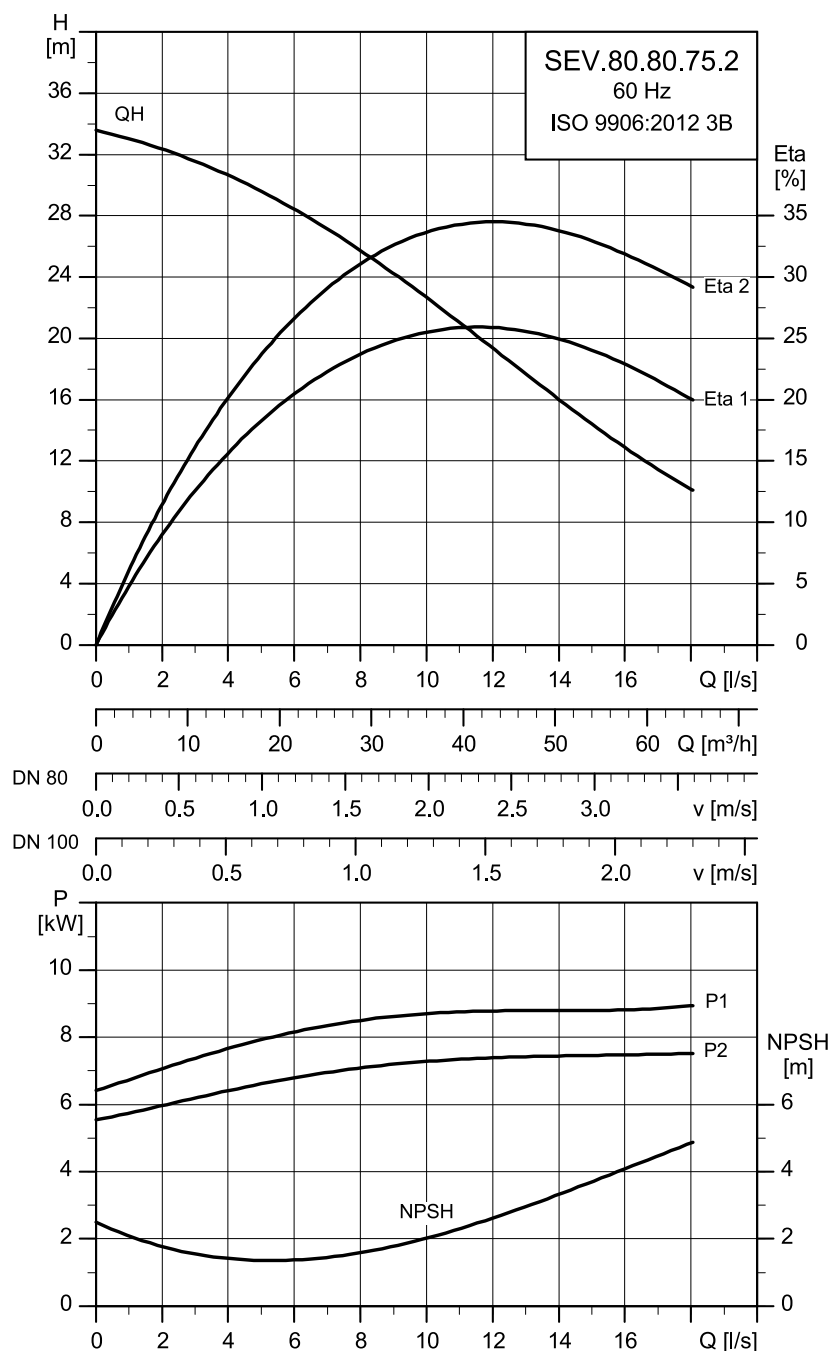
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.60.A.EX.2.61F	230	6.8	5.9	2	3510	Star-delta (YD)	19.3	214	85.8	87.9	88.2	0.76	0.85	0.88
	460						10.9	146	83.5	86.9	88.2	0.56	0.7	0.78

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.80.60.A.EX.2.61F	151	0.00718	PN 10	12	0.00800	74.5
						104

SEV.80.80.75.2



TM087490

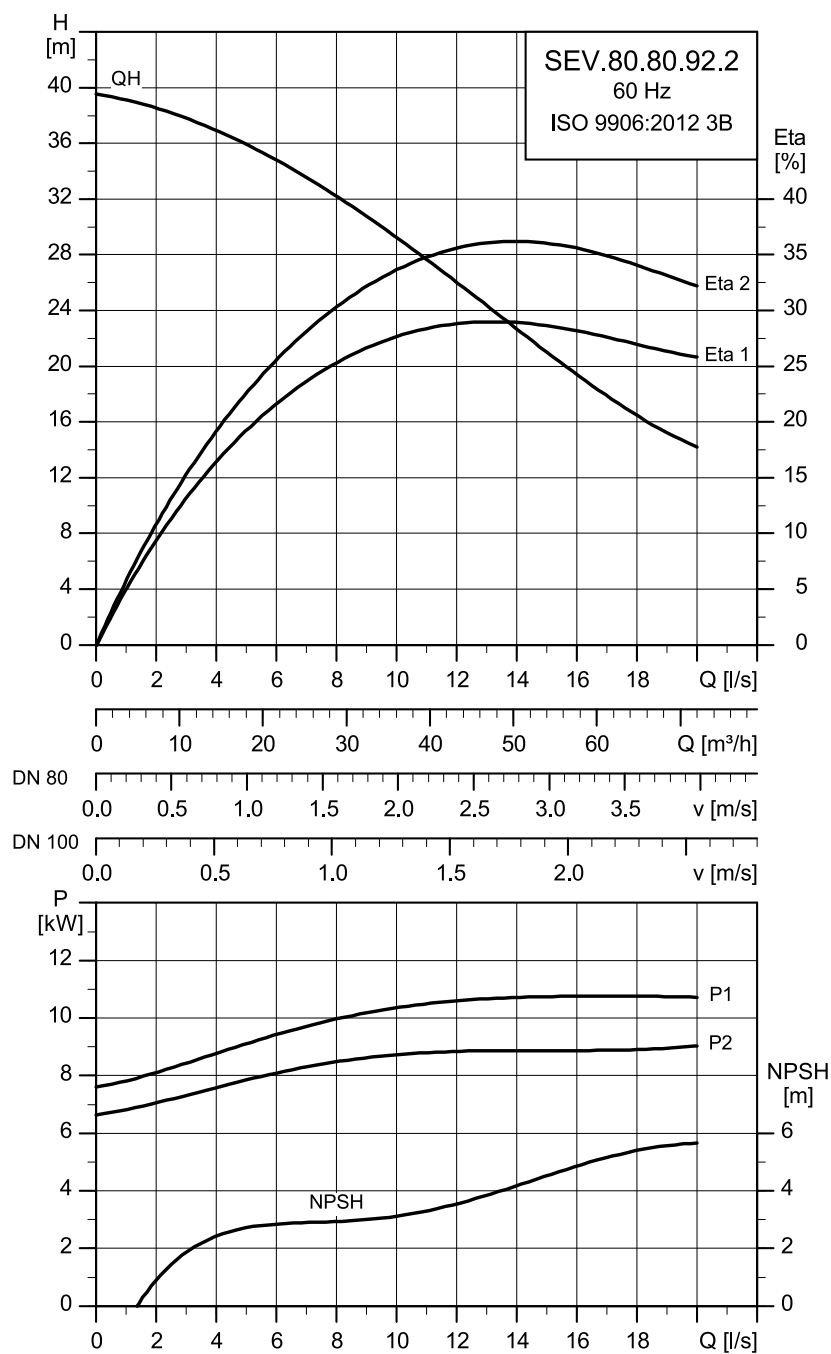
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.75.A.EX.2.61F	230	8.6	7.4	2	3484	Star-delta (YD)	23.72	214	87.2	88.2	87.7	0.81	0.88	0.9
	460						12.8	146	85.6	88	88.6	0.64	0.76	0.83

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.80.75.A.EX.2.61F	165	0.00997	PN 10	12	0.00800	74.5
						104

SEV.80.80.92.2



TM087491

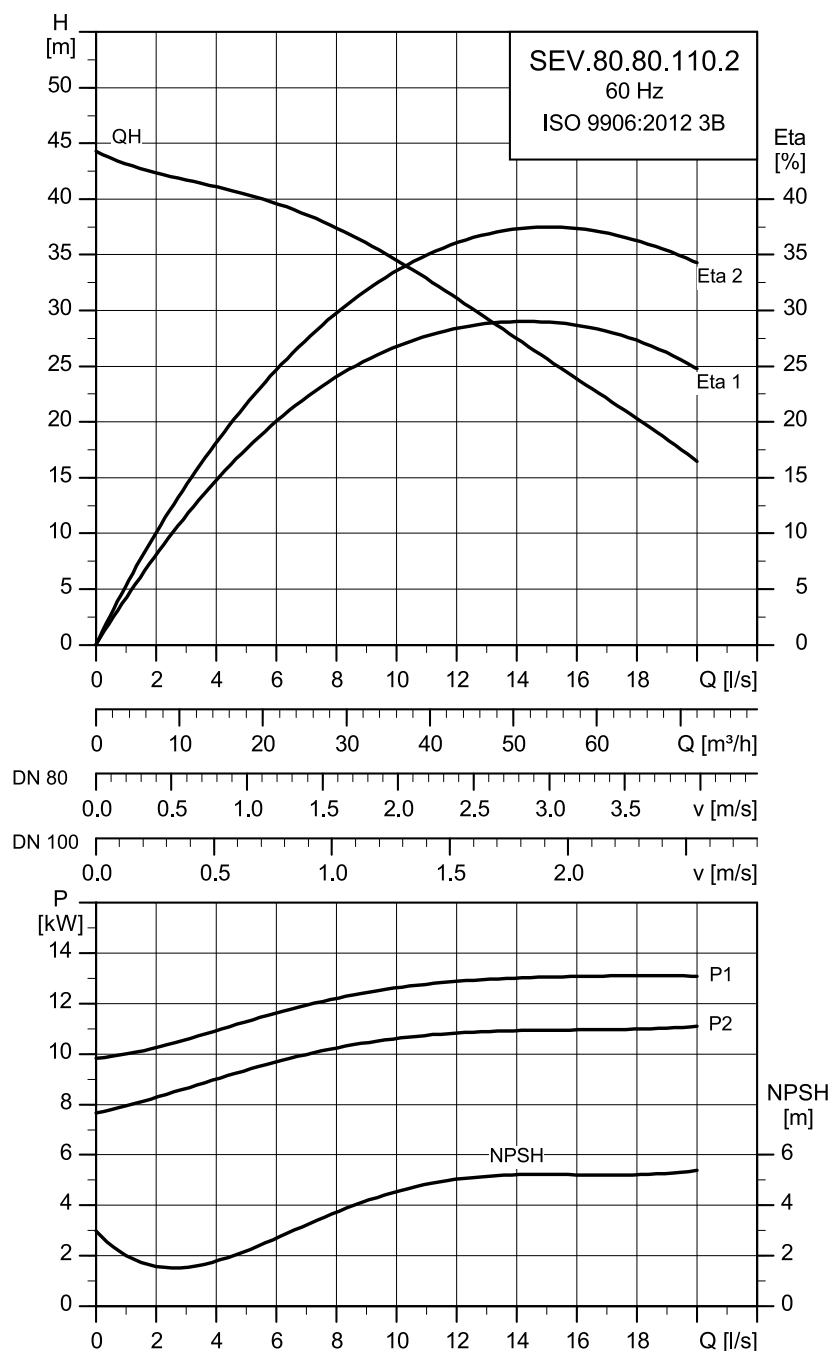
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.92.A.EX.2.61F	230	10.9	9.2	2	3496	Star-delta (YD)	34.73	164	90.1	90.1	88.6	0.65	0.73	0.75
	460						20.5	112	86.4	88.5	88.9	0.43	0.55	0.63

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.80.92.A.EX.2.61F	173	0.01235	PN 10	12	0.01580	49.5
						71.5

SEV.80.80.110.2



TM087492

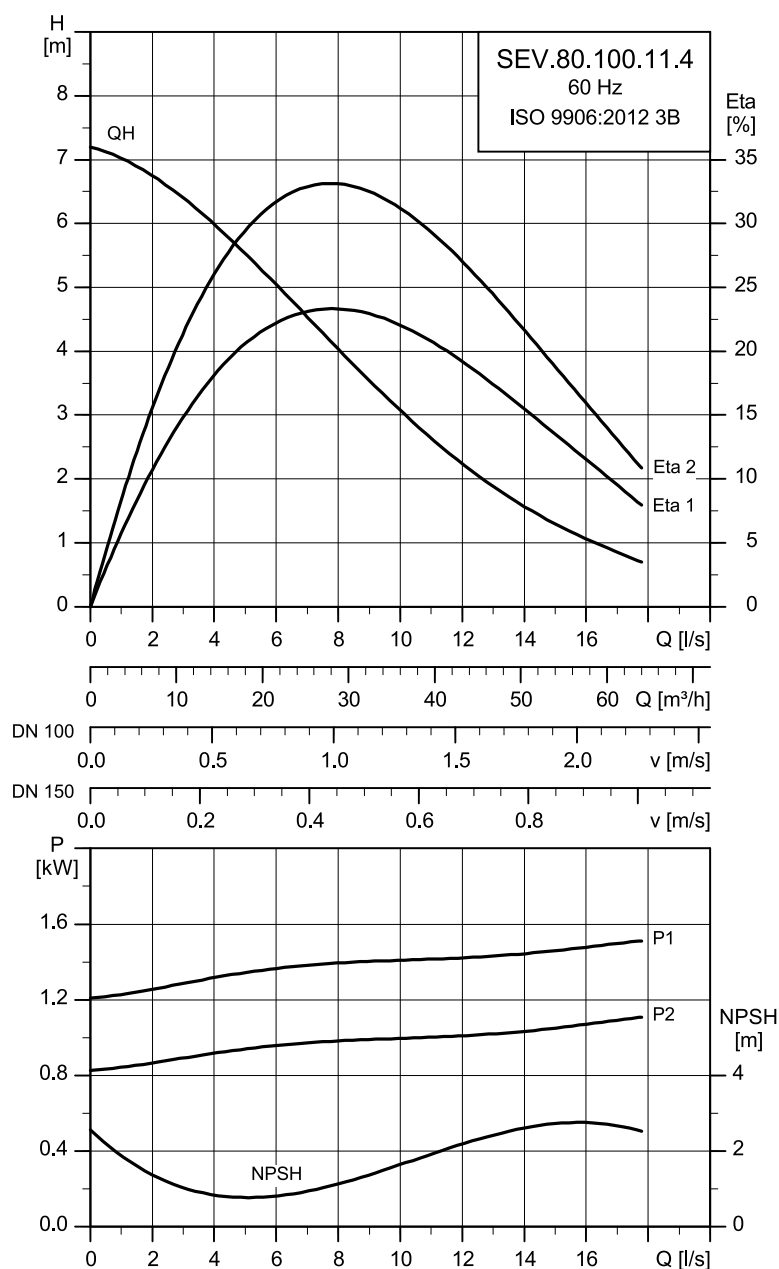
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.80.110.A.EX.2.61F	230	12.3	11	2	3503	Star-delta (YD)	43.78	206	88.8	89.5	88.5	0.54	0.66	0.71
	460						29.7	144	81.8	85.3	86.5	0.33	0.45	0.54

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.80.110.A.EX.2.61F	181	0.01469	PN 10	12	0.01580	65
						104

SEV.80.100.11.4



TM087493

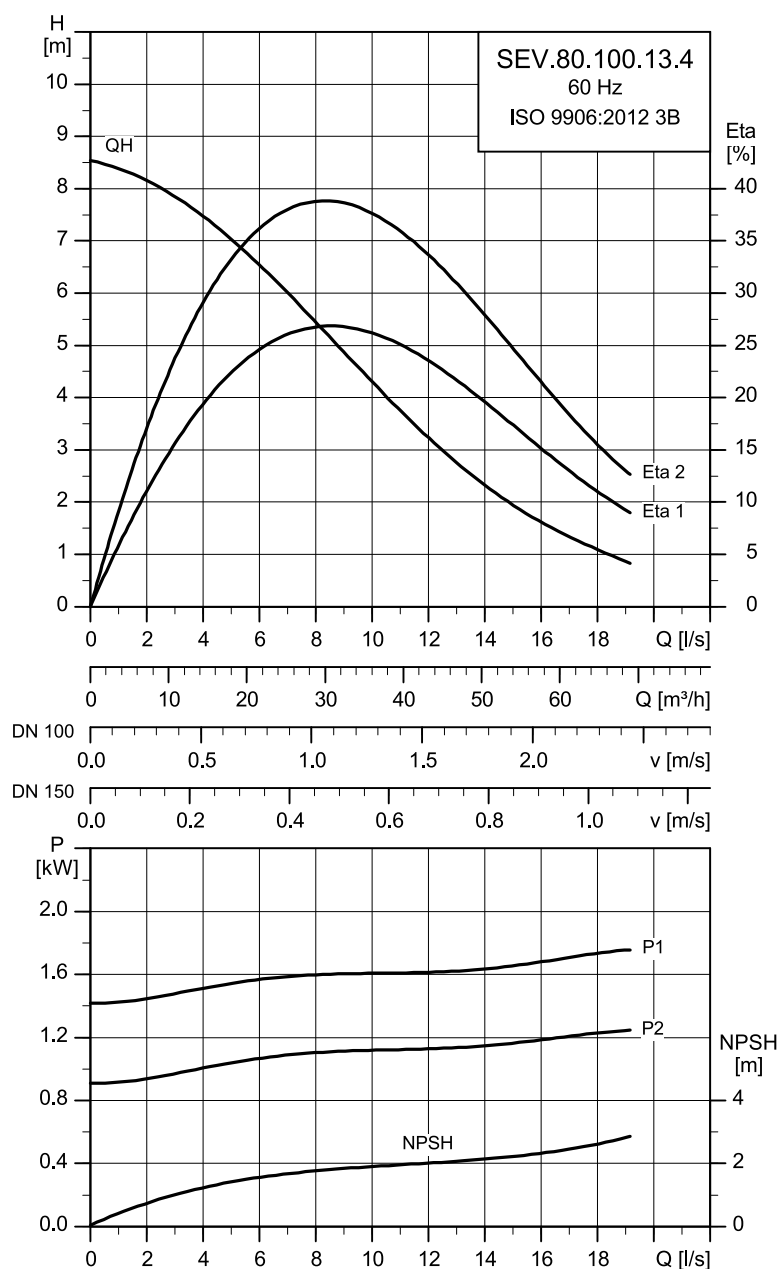
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.11.A.EX.4.60F	230	1.5	1.1	4	1714	Direct-on-line (DOL)	4.28	19.8	76.8	78.5	77.5	0.68	0.78	0.83
SEV.80.100.11.A.EX.4.60G	460	1.5	1.1	4	1742	Direct-on-line (DOL)	3.8	13.4	72.6	77.4	79	0.52	0.65	0.74

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.100.11.A.EX.4.60F	155	0.00964	PN 10	12	0.00260	14
SEV.80.100.11.A.EX.4.60G	155	0.00964	PN 10	12	0.00260	19

SEV.80.100.13.4



TM087494

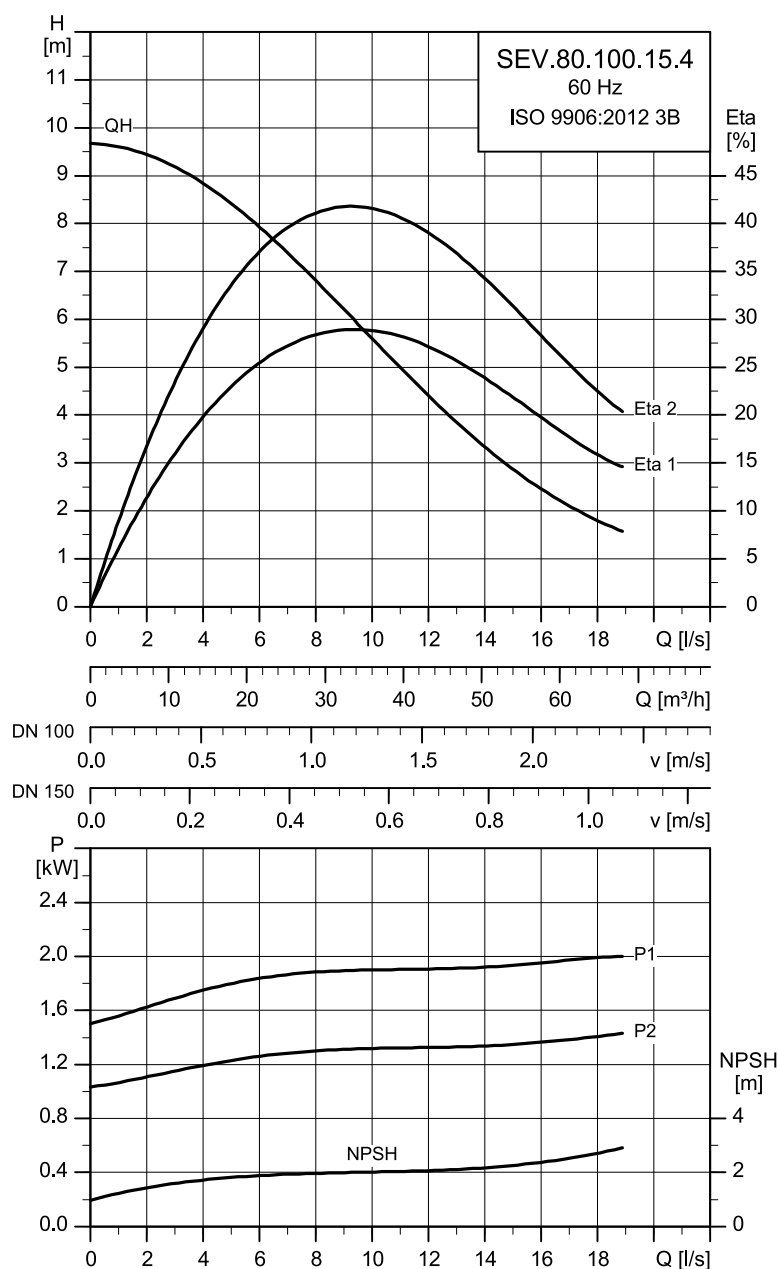
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.13.A.EX.4.60F	230	1.8	1.3	4	1724	Direct-on-line (DOL)	5.128	29.5	75.9	78.8	78.4	0.67	0.76	0.81
SEV.80.100.13.A.EX.4.60G	460	1.8	1.3	4	1749	Direct-on-line (DOL)	4.2	20.2	72.5	77.7	79	0.53	0.65	0.73

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.100.13.A.EX.4.60F	163	0.01113	PN 10	12	0.00330	19.4
SEV.80.100.13.A.EX.4.60G	163	0.01113	PN 10	12	0.00330	26.5

SEV.80.100.15.4



TM087495

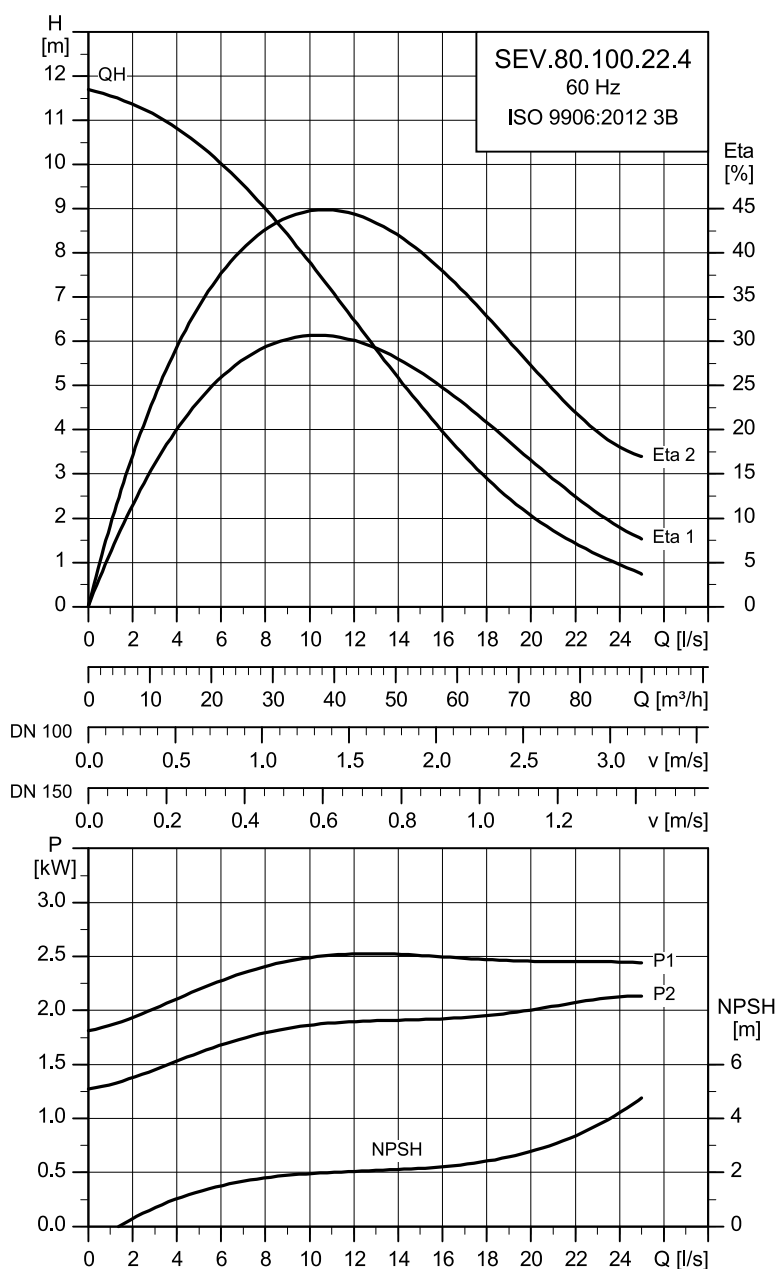
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.15.A.EX.4.60F	230	2.1	1.5	4	1703	Direct-on-line (DOL)	7.3	29.5	77.5	79	77.1	0.71	0.79	0.83
SEV.80.100.15.A.EX.4.60G	460	2.1	1.5	4	1739	Direct-on-line (DOL)	4.2	20.2	74.7	78.9	80	0.57	0.69	0.77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SEV.80.100.15.A.EX.4.60F	170	0.01250	PN 10	12	0.00330	19.4
SEV.80.100.15.A.EX.4.60G	170	0.01250	PN 10	12	0.00330	26.5

SEV.80.100.22.4



TM087496

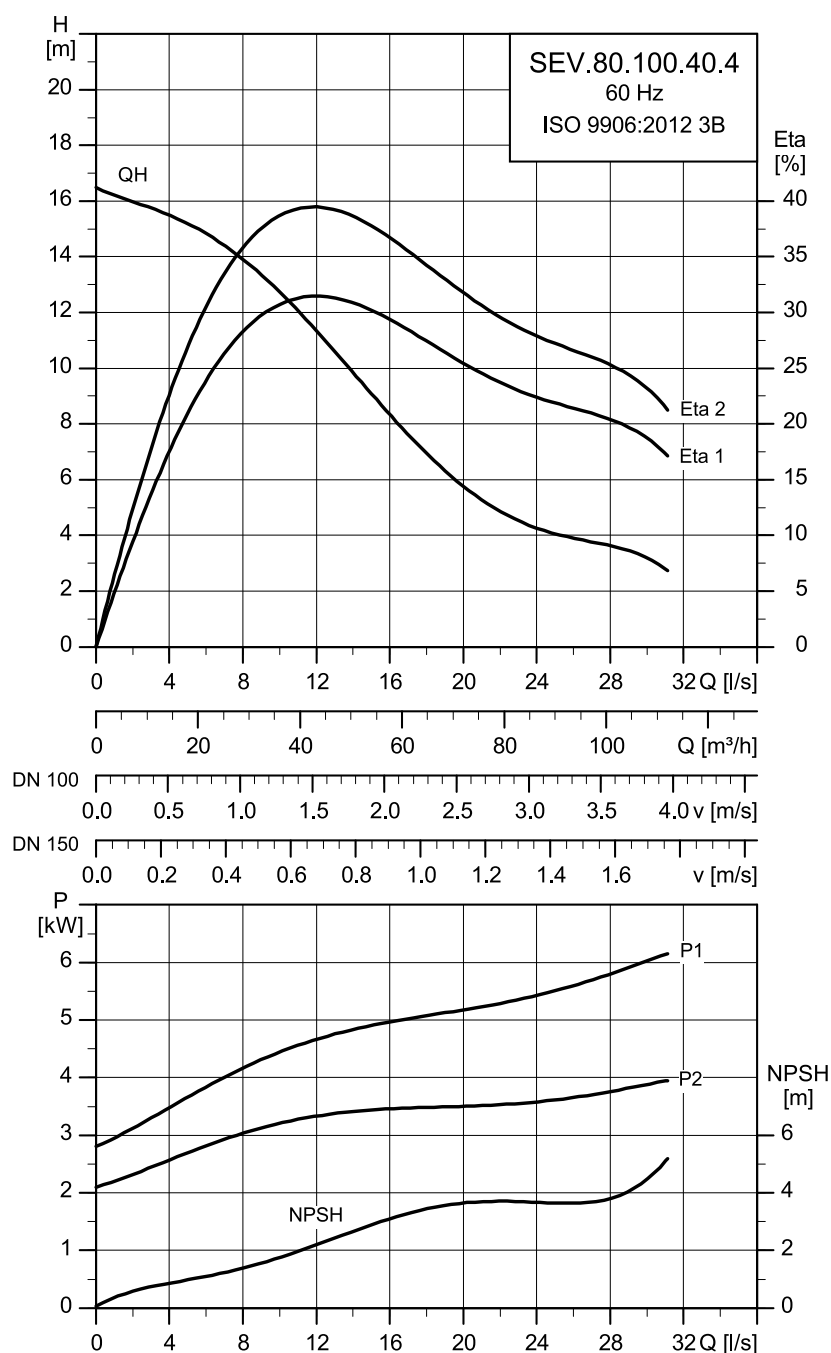
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.22.A.EX.4.60F	230	2.8	2.2	4	1717	Direct-on-line (DOL)	8.19	51.5	80.6	82.1	81	0.69	0.78	0.83
SEV.80.100.22.A.EX.4.60G	460	2.8	2.2	4	1743	Direct-on-line (DOL)	5.9	35.5	77.2	81.1	82.4	0.52	0.65	0.74

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.100.22.A.EX.4.60F	184	0.01547	PN 10	12	0.00440	33.5
SEV.80.100.22.A.EX.4.60G	184	0.01547	PN 10	12	0.00440	45.5

SEV.80.100.40.4



TM087497

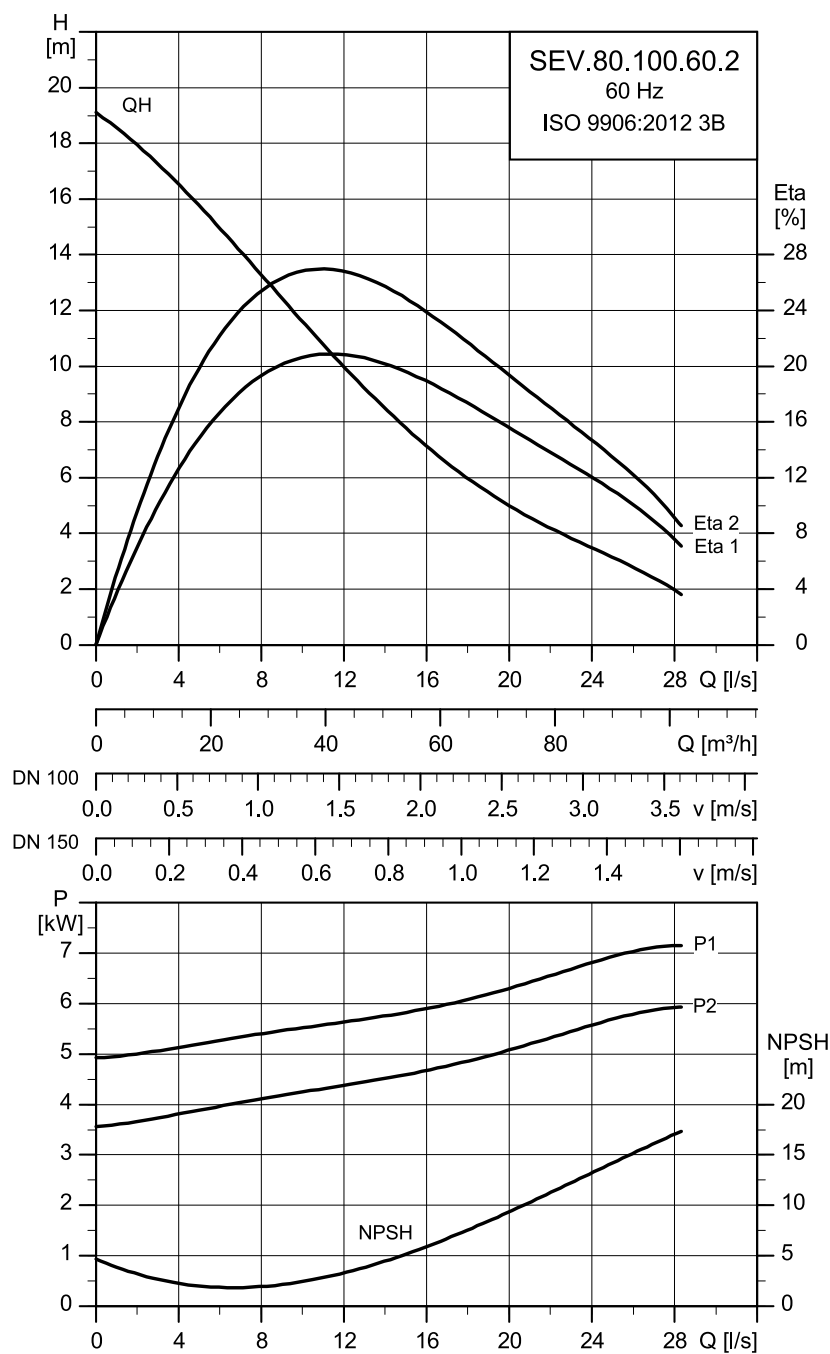
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.40.A.EX.4.61F	230	4.9	4	4	1741	Star-delta (YD)	14.04	84	86.8	86.9	85.5	0.72	0.8	0.83
	460						7.26	58.5	85.7	87.6	87.7	0.59	0.72	0.79

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SEV.80.100.40.A.EX.4.61F	203	0.03702	PN 10	12	0.01280	52
						71

SEV.80.100.60.2



TM087498

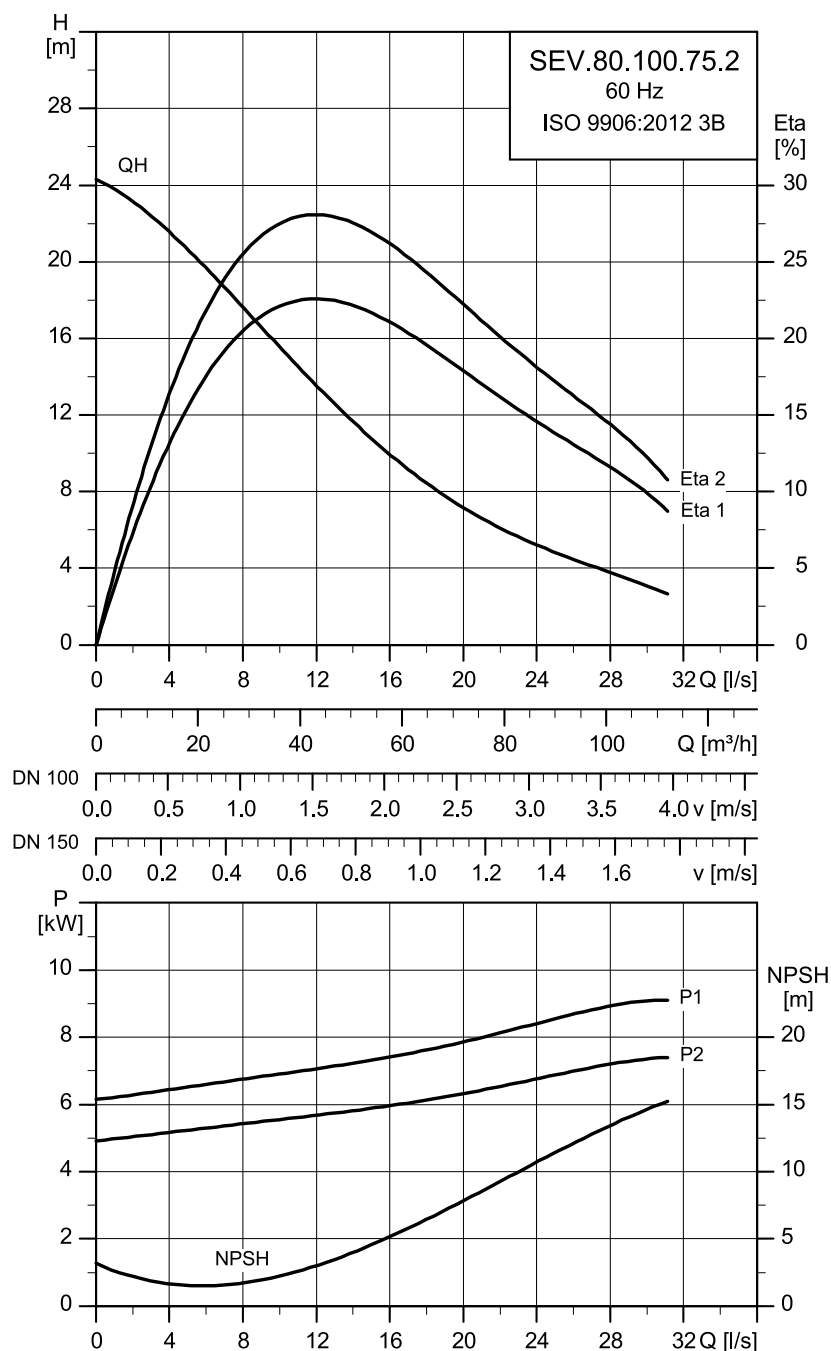
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			Cos ϕ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.60.A.EX.2.61F	230	7.1	5.9	2	3510	Star-delta (YD)	19.3	214	85.8	87.9	88.2	0.76	0.85	0.88
	460						10.9	146	83.5	86.9	88.2	0.56	0.7	0.78

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M_{max} [Nm]
SEV.80.100.60.A.EX.2.61F	142	0.00652	PN 10	12	0.00800	74.5
						104

SEV.80.100.75.2



TM087499

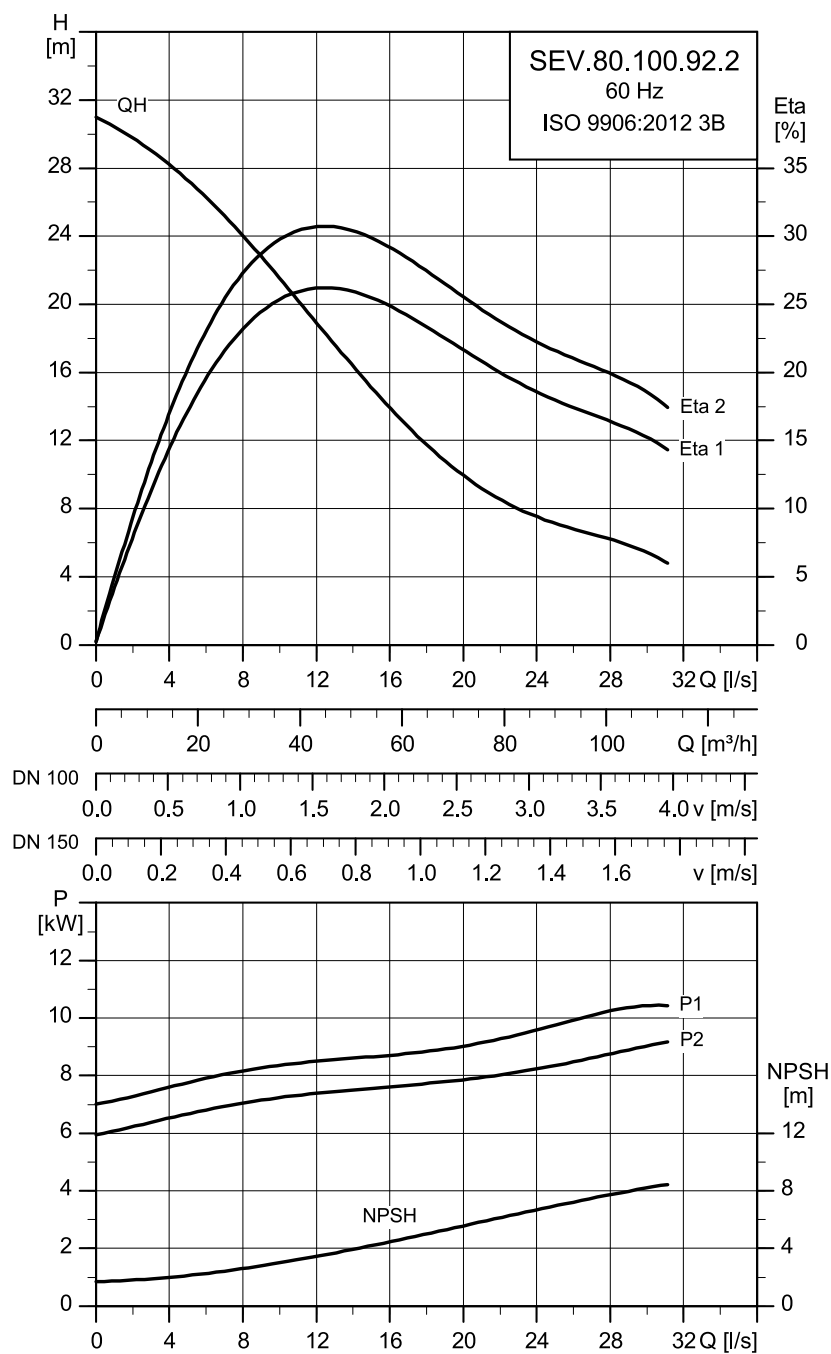
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			$\cos \varphi$		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.75.A.EX.2.61F	230	9.1	7.4	2	3484	Star-delta (YD)	23.72	214	87.2	88.2	87.7	0.81	0.88	0.9
	460						12.8	146	85.6	88	88.6	0.64	0.76	0.83

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SEV.80.100.75.A.EX.2.61F	153	0.00734	PN 10	12	0.00800	74.5
						104

SEV.80.100.92.2



TM087500

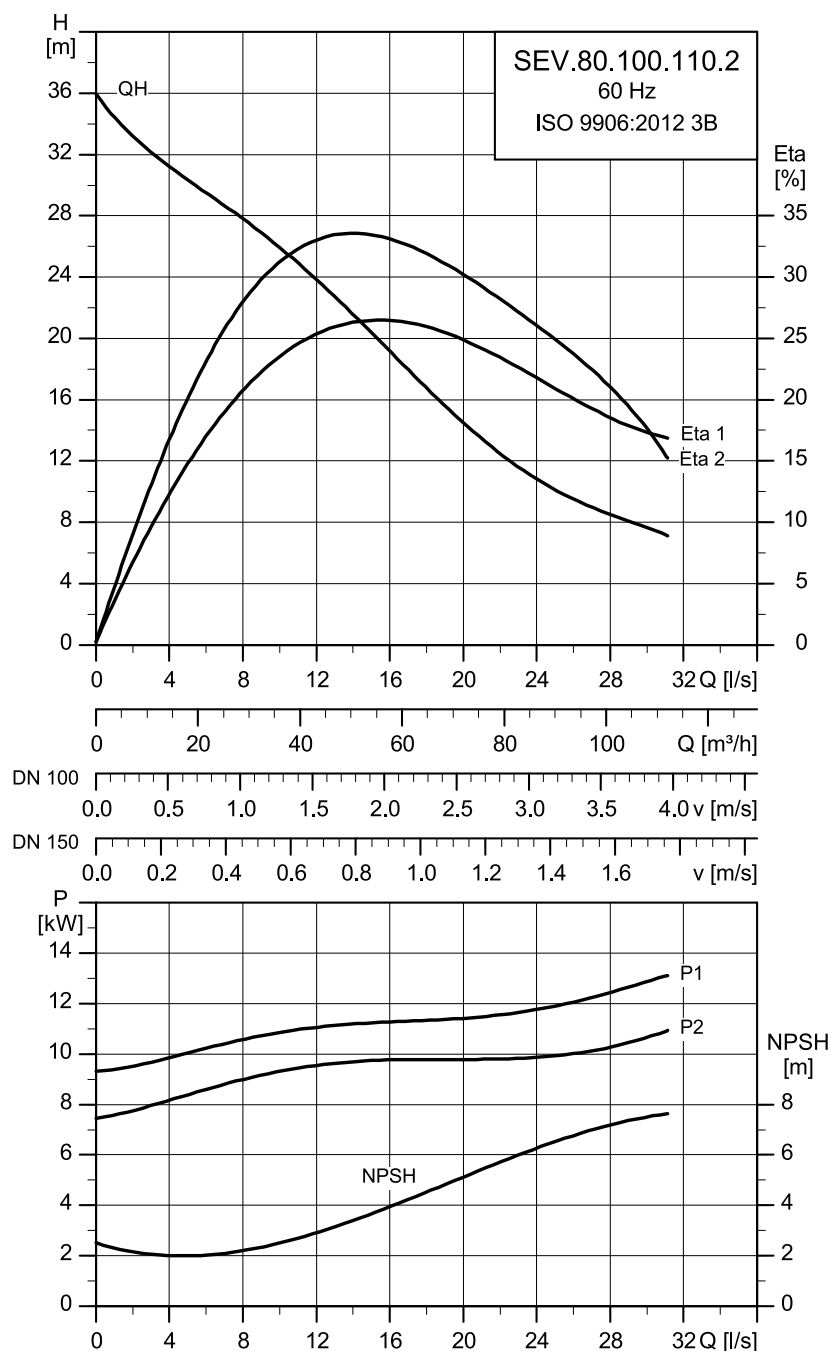
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I_N [A]	I_{start} [A]	η_{motor} [%]			$\cos \phi$		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.92.A.EX.2.61F	230	10.9	9.2	2	3496	Star-delta (YD)	34.73	164	90.1	90.1	88.6	0.65	0.73	0.75
	460						20.5	112	86.4	88.5	88.9	0.43	0.55	0.63

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M_{max} [Nm]
SEV.80.100.92.A.EX.2.61F	164.5	0.00996	PN 10	12	0.01580	49.5
						71.5

SEV.80.100.110.2



TM087501

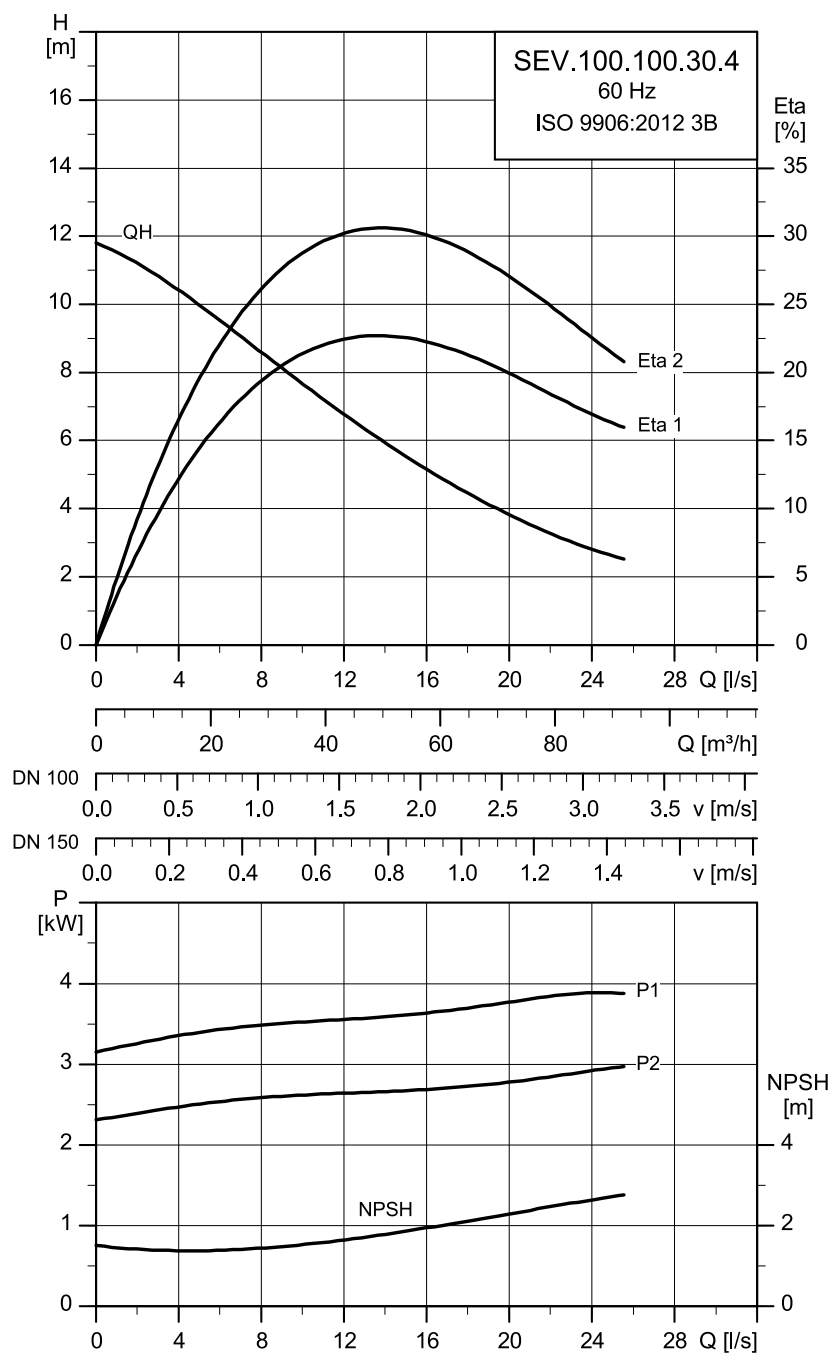
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.80.100.110.A.EX.2.61F	230	13	11	2	3503	Star-delta (YD)	43.78	206	88.8	89.5	88.5	0.54	0.66	0.71
	460						29.7	144	81.8	85.3	86.5	0.33	0.45	0.54

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.80.100.110.A.EX.2.61F	174	0.01261	PN 10	12	0.01580	65
						104

SEV.100.100.30.4



TM087502

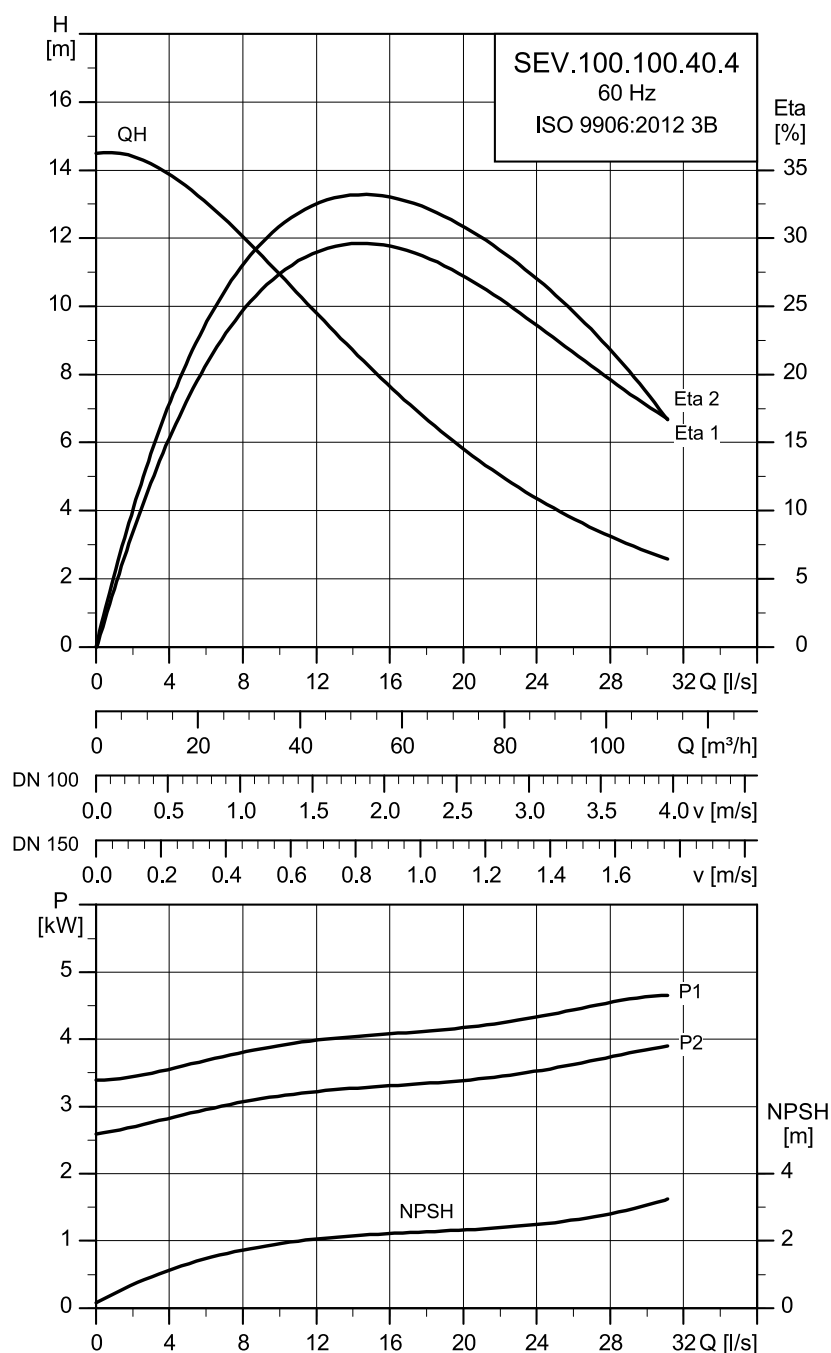
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.100.100.30.A.EX.4.61F	230	3.9	2.9	4	1739	Star-delta (YD)	10.59	68	84.7	85.6	84.8	0.69	0.79	0.83
	460						5.69	47	82.6	85.5	86.3	0.55	0.68	0.76

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SEV.100.100.30.A.EX.4.61F	188	0.03881	PN 10	12	0.01040	47.5
						64.5

SEV.100.100.40.4



TM087503

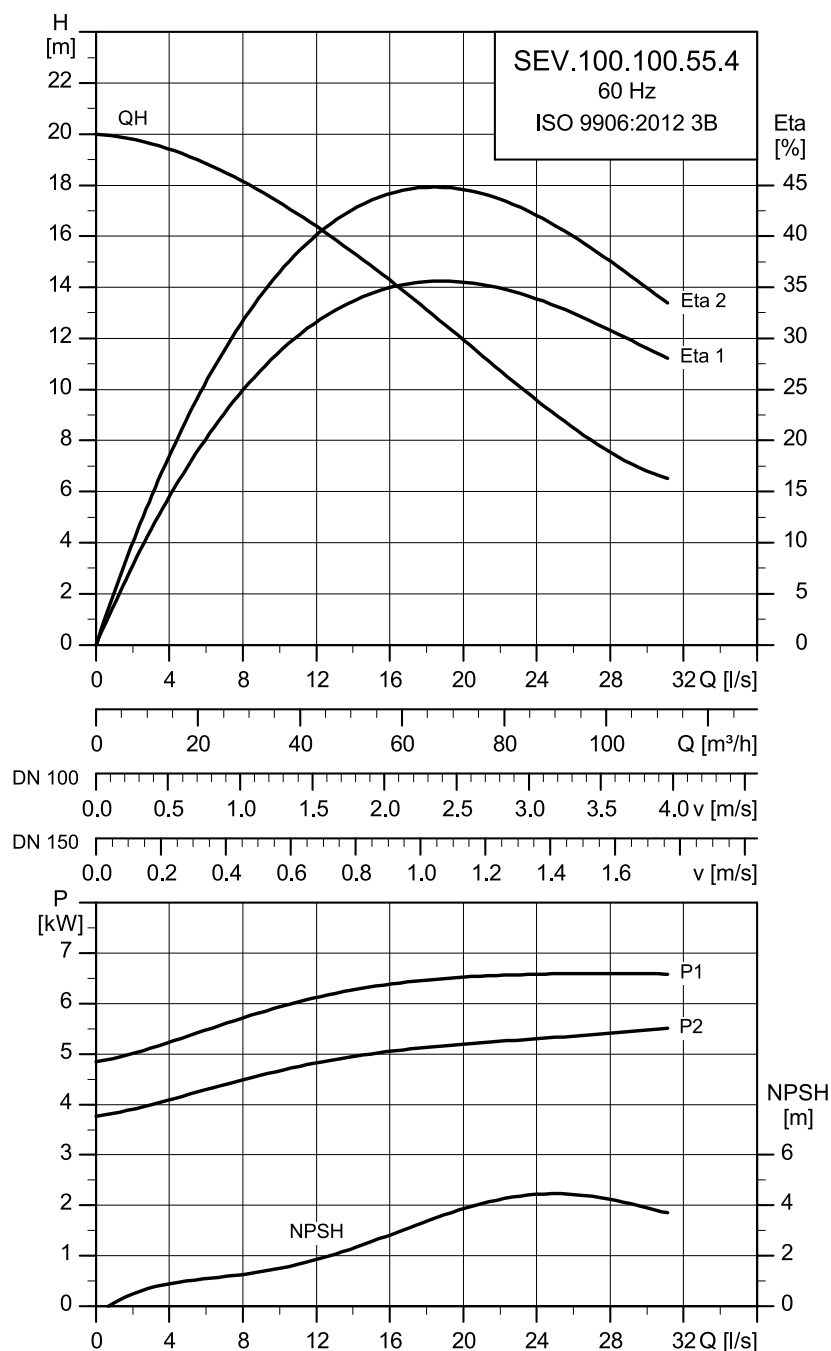
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.100.100.40.A.EX.4.61F	230	4.9	4	4	1741	Star-delta (YD)	14.04	84	86.8	86.9	85.5	0.72	0.8	0.83
	460						7.26	58.5	85.7	87.6	87.7	0.59	0.72	0.79

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm ²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm ²]	Breakdown torque M _{max} [Nm]
SEV.100.100.40.A.EX.4.61F	200	0.04060	PN 10	12	0.01280	52
						71

SEV.100.100.55.4



TM087504

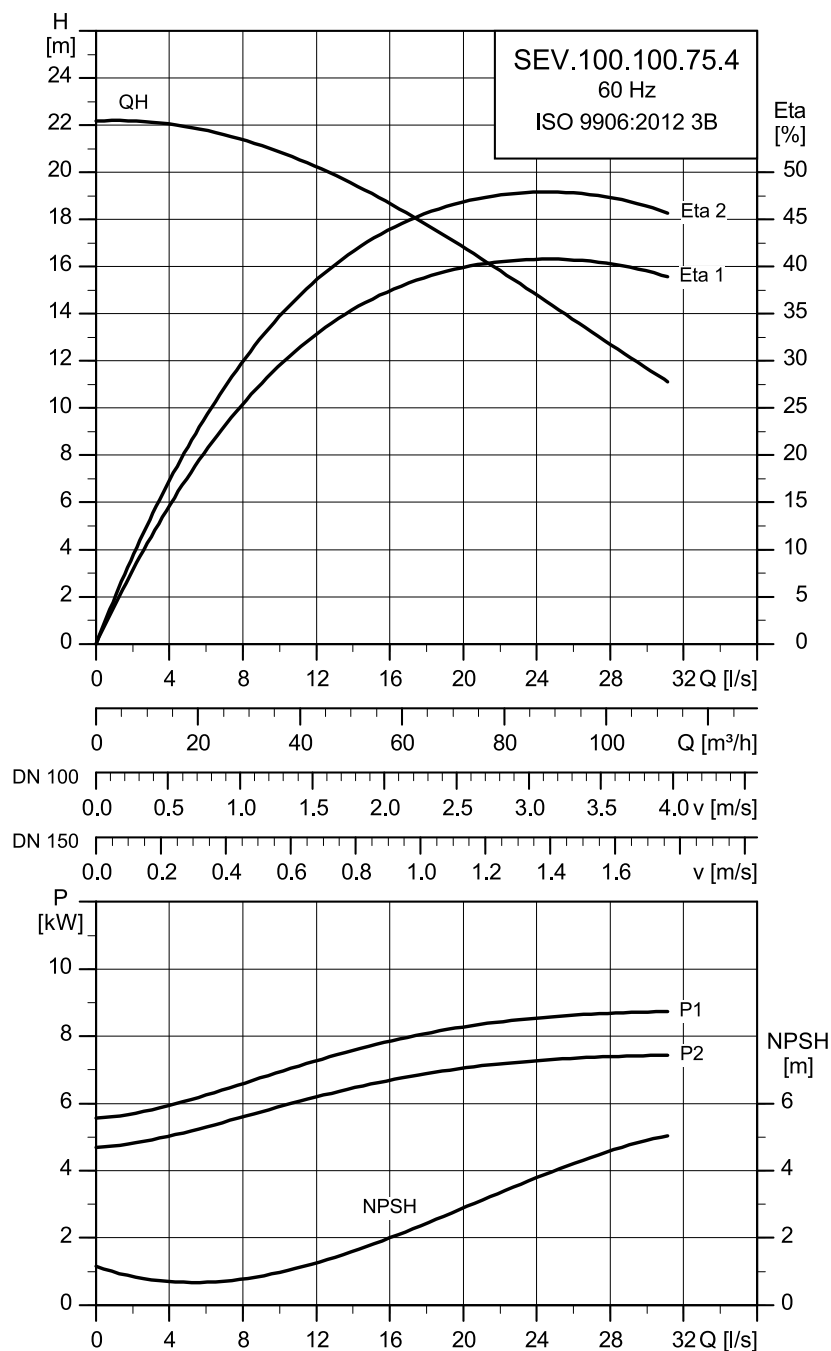
Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.100.100.55.A.EX.4.61F	230	6.5	5.5	4	1727	Star-delta (YD)	19.1	120	86.4	86.6	85.1	0.69	0.8	0.85
	460						10.3	82.5	84.4	86.6	86.8	0.54	0.68	0.77

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.100.100.55.A.EX.4.61F	226	0.04492	PN 10	12	0.01420	89
						120

SEV.100.100.75.4



TM087505

Motor data

Pump type	Voltage [V]	P1 [kW]	P2 [kW]	No. of poles	RPM	Starting method	I _N [A]	I _{start} [A]	η _{motor} [%]			Cos φ		
									1/2	3/4	1/1	1/2	3/4	1/1
SEV.100.100.75.A.EX.4.61F	230	9.1	7.4	2	3484	Star-delta (YD)	23.72	214	87.2	88.2	87.7	0.81	0.88	0.9
	460						12.8	146	85.6	88	88.6	0.64	0.76	0.83

Pump data

Pump type	Impeller diameter [mm]	Moment of inertia (impeller) [kgm²]	Outlet flange pressure (according to EN 1092-2)	Max. installation depth	Moment of inertia (motor) [kgm²]	Breakdown torque M _{max} [Nm]
SEV.100.100.75.A.EX.4.61F	153	0.00734	PN 10	12	0.00800	74.5
						104