

Bombas de alta presión

Bombas in-line de alta presión

Movitec



 El producto mostrado a modo de ejemplo incluye algunas opciones con coste adicional.

Aplicaciones principales

- Riego por aspersión
- Sistemas de irrigación
- Plantas de lavado
- Sistemas contra incendios
- Aumento de presión
- Instalaciones industriales
- Instalaciones de abastecimiento de agua
- Aire acondicionado y calefacción
- Aplicaciones navales

Fluidos

- Agua caliente
- Agua limpia
- Condensado
- Agua de refrigeración
- Agua contra incendios
- Lubricante
- Detergentes
- Entre otros (⇒ Página 15)

Datos de funcionamiento

Tabla 1: Características de funcionamiento

Característica		Valor	
		Movitec LHS	Movitec V, VS, VC
Caudal	Q [m³/h]	≤ 8,6	≤ 192
	Q [l/s]	≤ 2,4	≤ 53,3
Altura de bombeo	H [m]	≤ 415	≤ 249
Temperatura del fluido de bombeo	T [°C]	≥ -15	≥ -20
		≤ +120	≤ +140 ¹⁾
Presión de servicio	p [bar]	≤ 40 ²⁾	≤ 40 ²⁾

Detalles de diseño

Tipo

- Bomba en línea de alta presión
- Etapa de presión máxima PN 40
- Bomba centrífuga
- Monoetapa o multicelular

Montaje

- Montaje horizontal/Montaje vertical

Accionamiento

- Motor KSB refrigerado por la superficie
- 3~230/400 V hasta 2,2 kW
- 3~400/690 V desde 3,0 kW
- Clase térmica F conforme a IEC 34-1
- Clase de eficiencia IE3 conforme a IEC 60034-30 (con motores de corriente trifásica ≥ 0,75 kW)
- Tipo de protección IP55
- Frecuencia 60 Hz

Automatización

Automatización posible con:

- PumpDrive
- PumpMeter

Cierre del eje

- No refrigerado, cierre mecánico sin mantenimiento
- Conforme a EN 12756
- Cierre mecánico Fixed
 - Cierre mecánico en ejecución normal
 - Junta de fuelle no equilibrada
 - ≤ 25 bar
 - Disponible hasta el tamaño 15 inclusive
- Cierre mecánico Easy-Access
 - Fácil cambio
 - Junta de fuelle no equilibrada
 - ≤ 25 bar
 - No es necesario desmontar la linterna de accionamiento al cambiar la junta
 - A partir de una potencia del motor de 5,5 kW, no es necesario desmontar el motor

¹ Con temperaturas de funcionamiento > 120 °C, la clase de presión tiene que ser ≤ PN 25.

² La suma de la presión de entrada y la altura de bombeo en el punto de caudal cero no puede exceder el parámetro indicado.

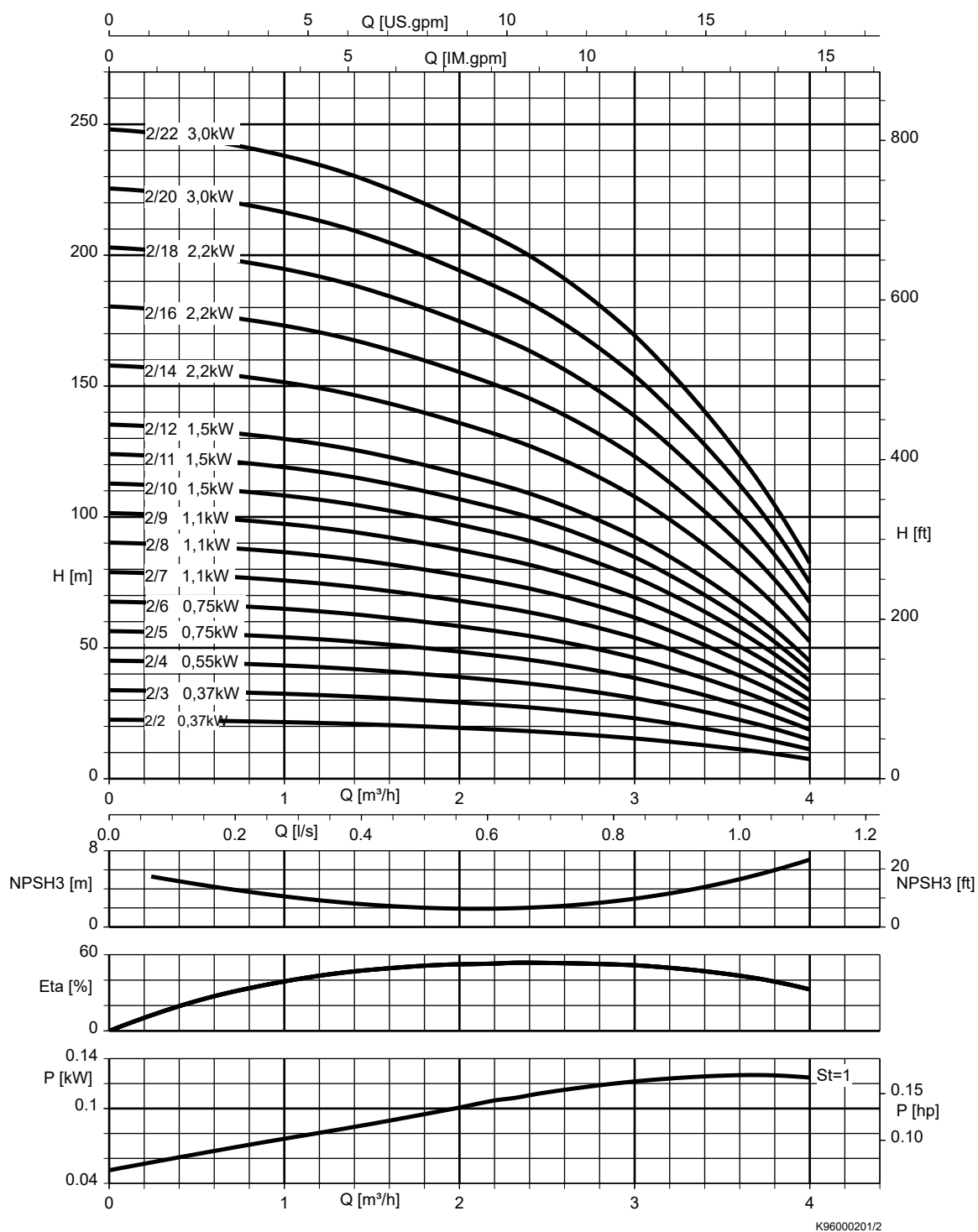
- Disponible hasta el tamaño ... inclusive 90B
- Cierre mecánico de cartucho
 - Modelo de fuelle no equilibrado (PN 25) o variante equilibrada especial (PN 40)
 - No es necesario desmontar la linterna de accionamiento al cambiar la junta
 - A partir de una potencia del motor de 5,5 kW, no es necesario desmontar el motor
 - Disponible opcionalmente para todos los tamaños excepto Movitec LHS
 - Disponible para todos los tamaños

Cojinete

- Cojinete de etapa lubricado por el propio fluido (carburo de tungsteno contra óxido de aluminio)

$n = 3.500 \text{ rpm}$

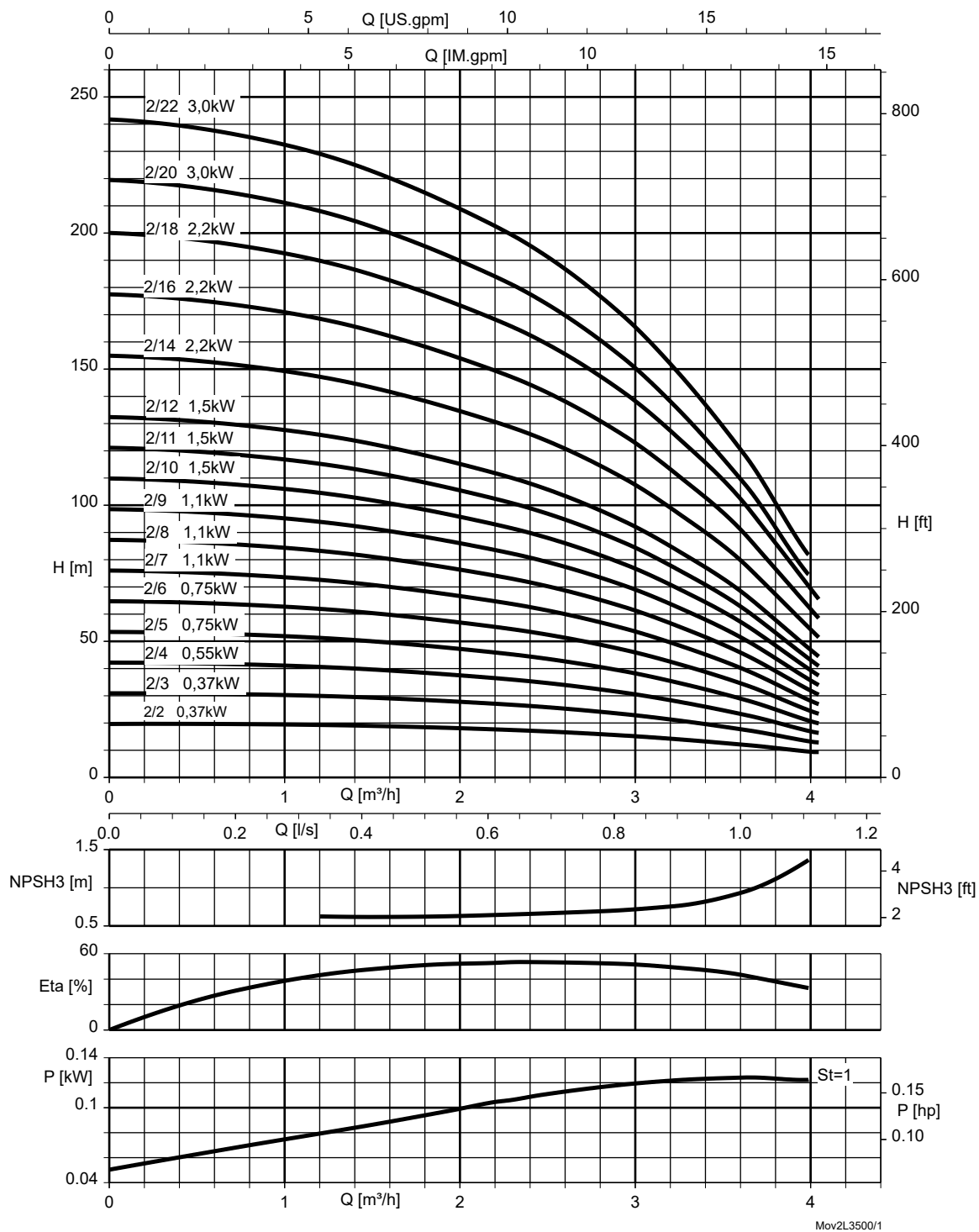
Movitec 2B, $n = 3500 \text{ rpm}$



K96000201/2

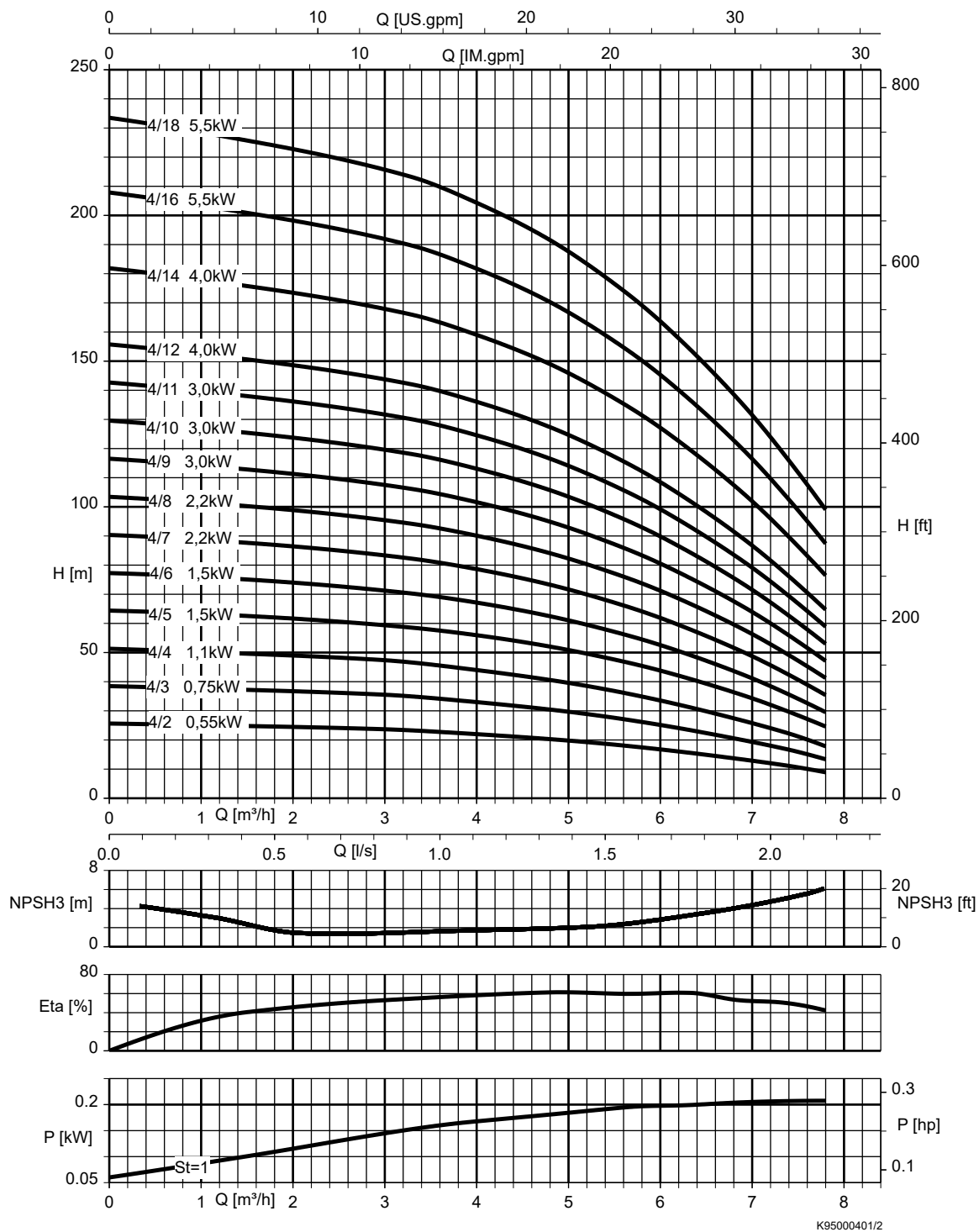
St = 1 P por etapa

Movitec 2LB, n = 3500 rpm



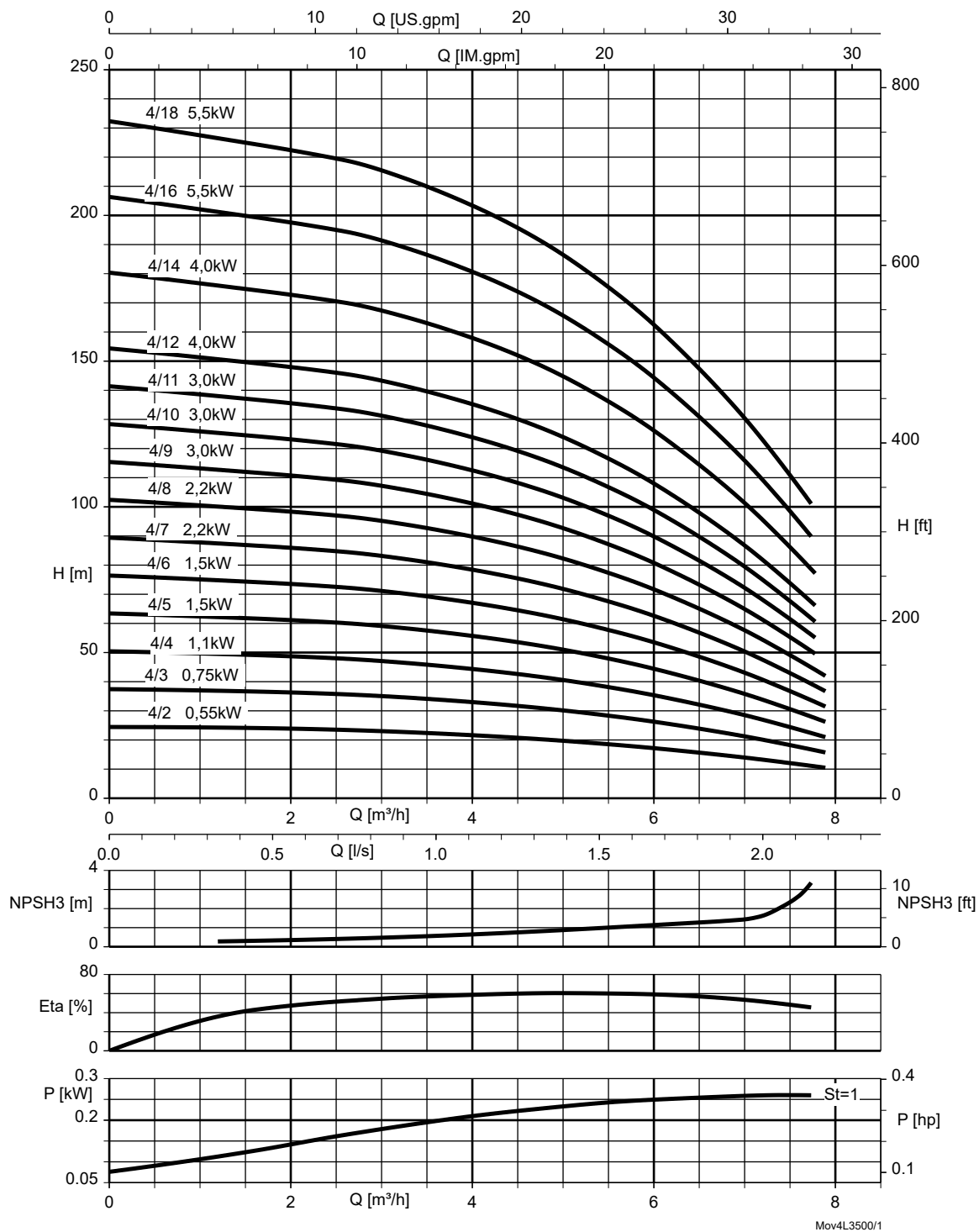
St = 1 | P por etapa

Movitec 4B, n = 3500 rpm



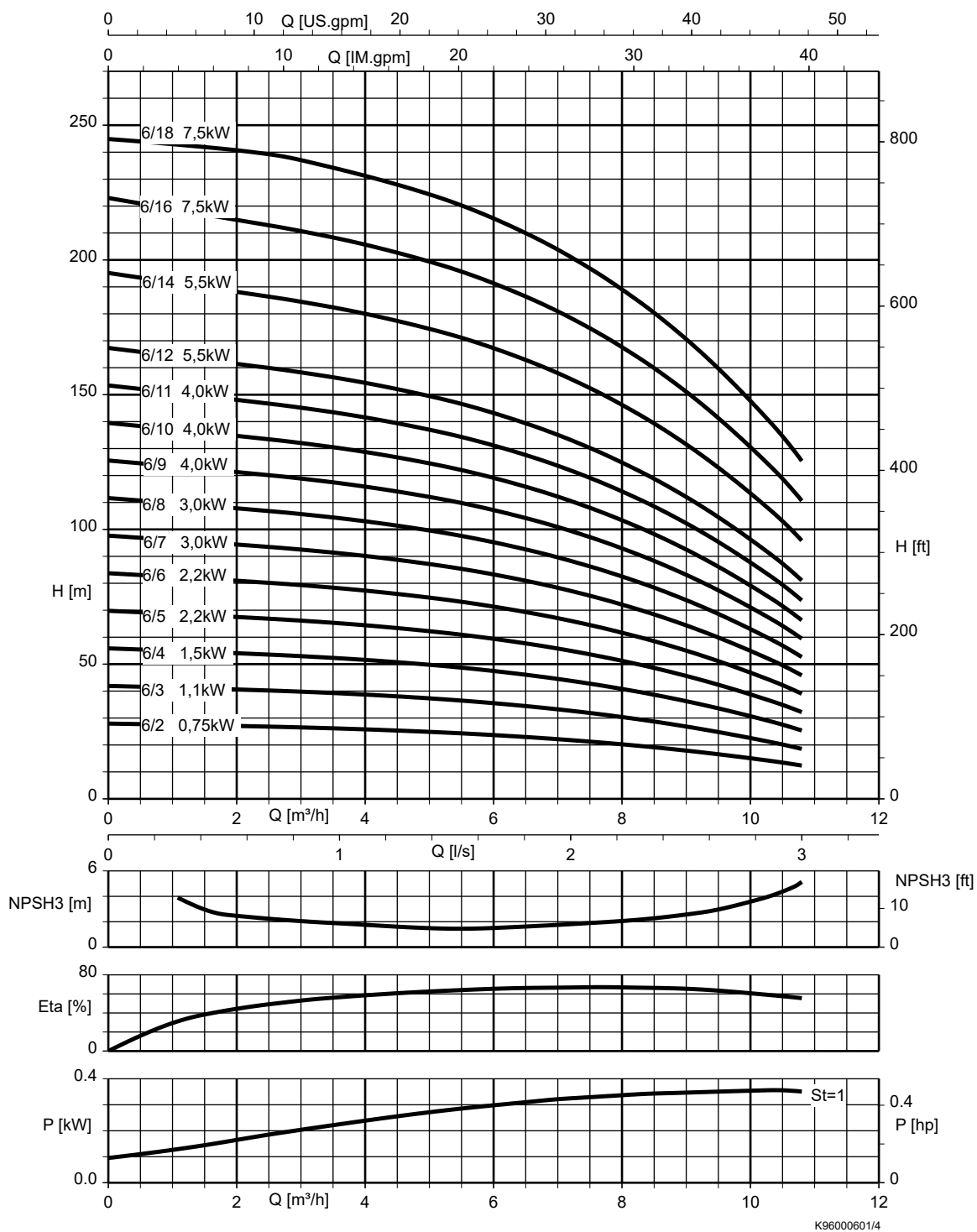
St = 1 P por etapa

Movitec 4LB, n = 3500 rpm



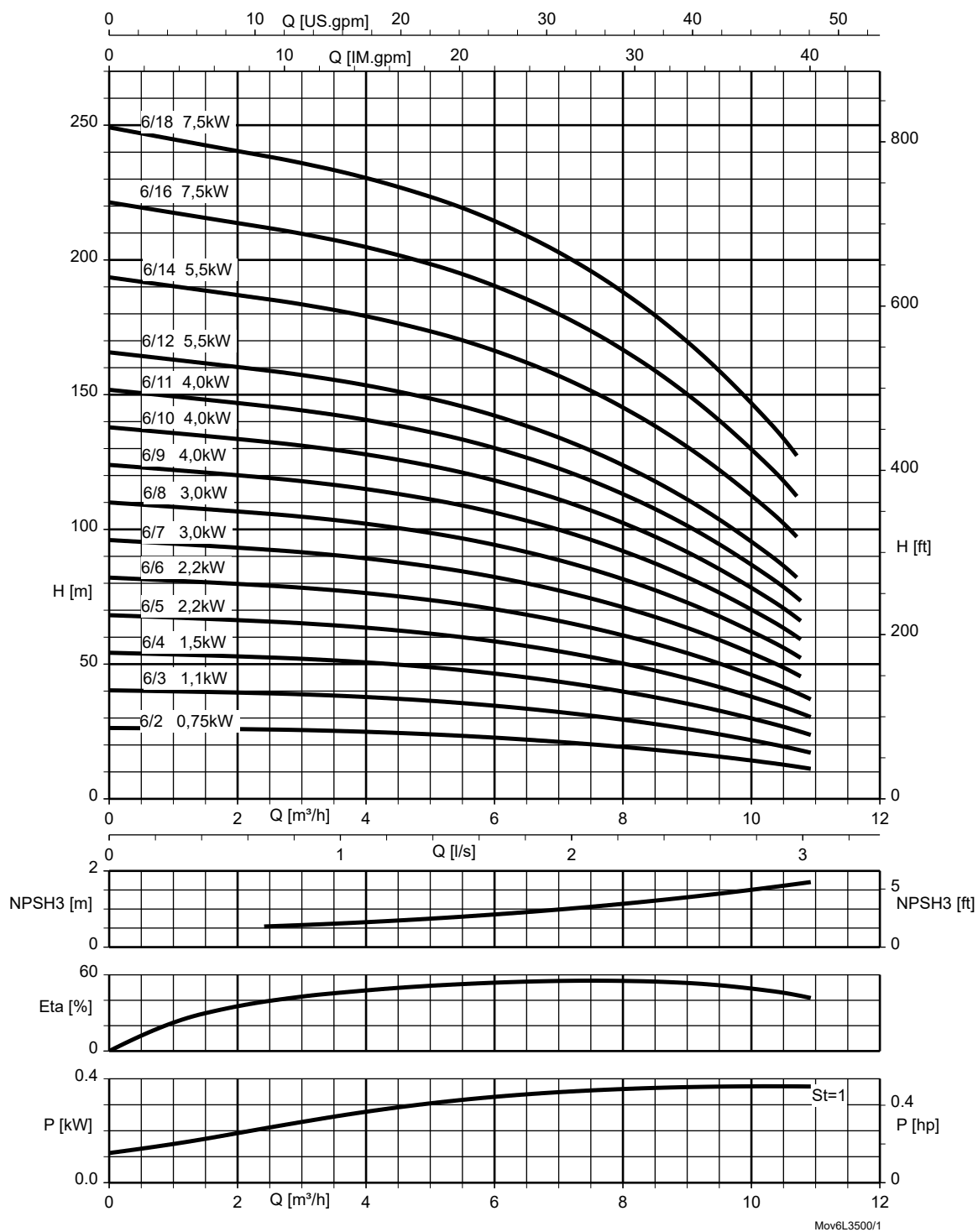
St = 1 | P por etapa

Movitec 6B, n = 3500 rpm



St = 1 P por etapa

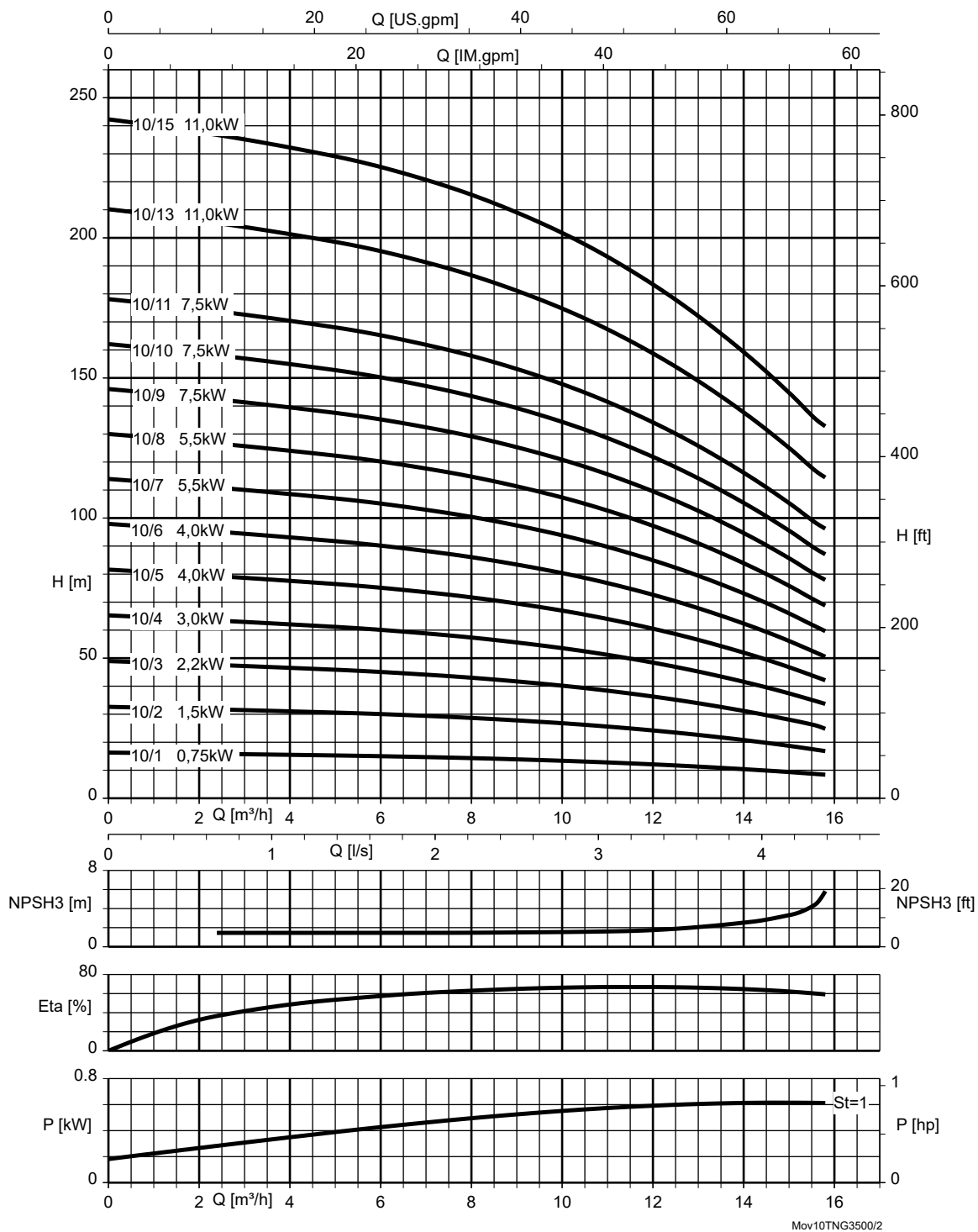
Movitec 6LB, n = 3500 rpm



St = 1 | P por etapa

1798.561/12-ES

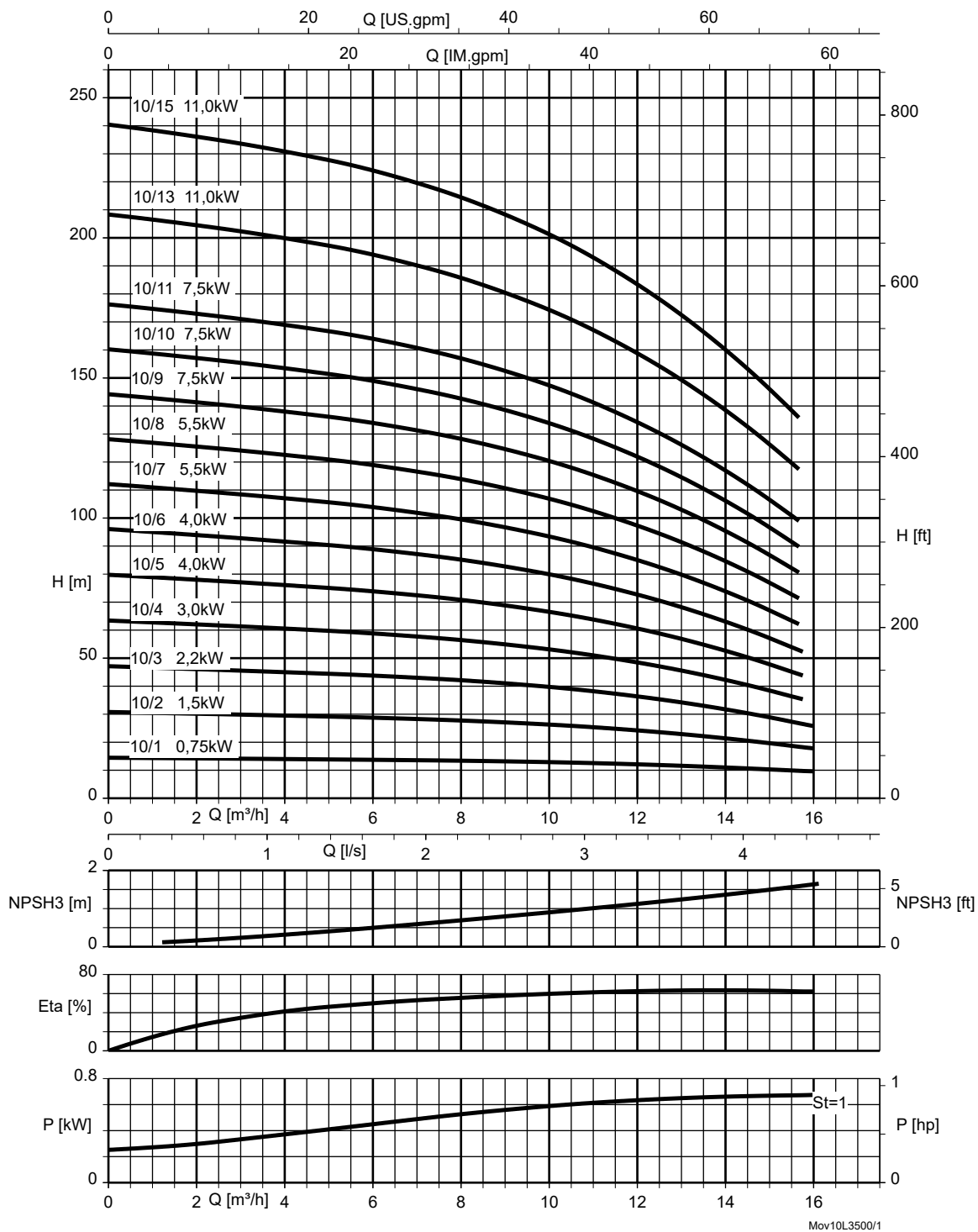
Movitec; 10B; n = 3500 rpm



St = 1 P por etapa

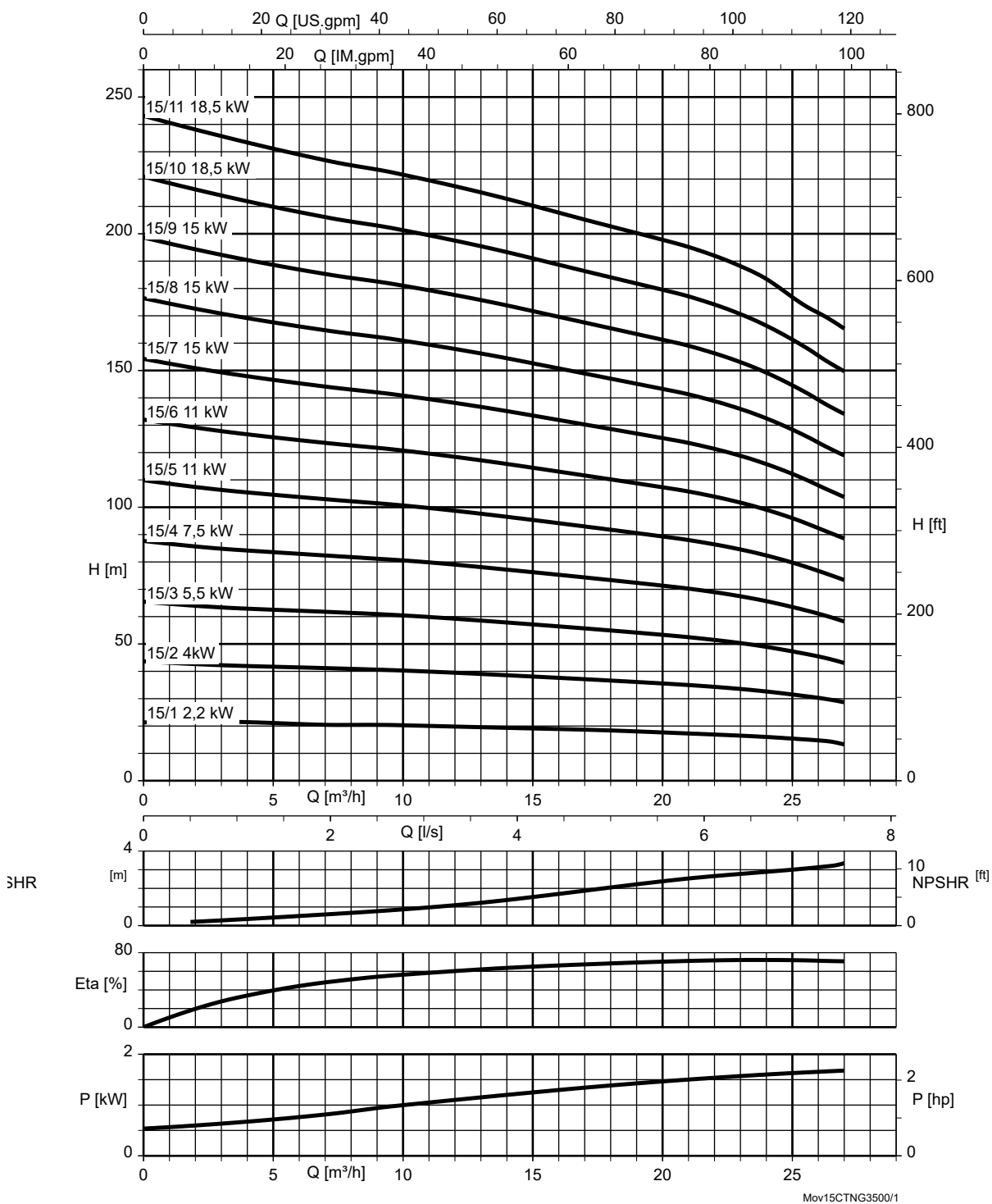
1798.561/12-ES

Movitec 10LB, n = 3500 rpm



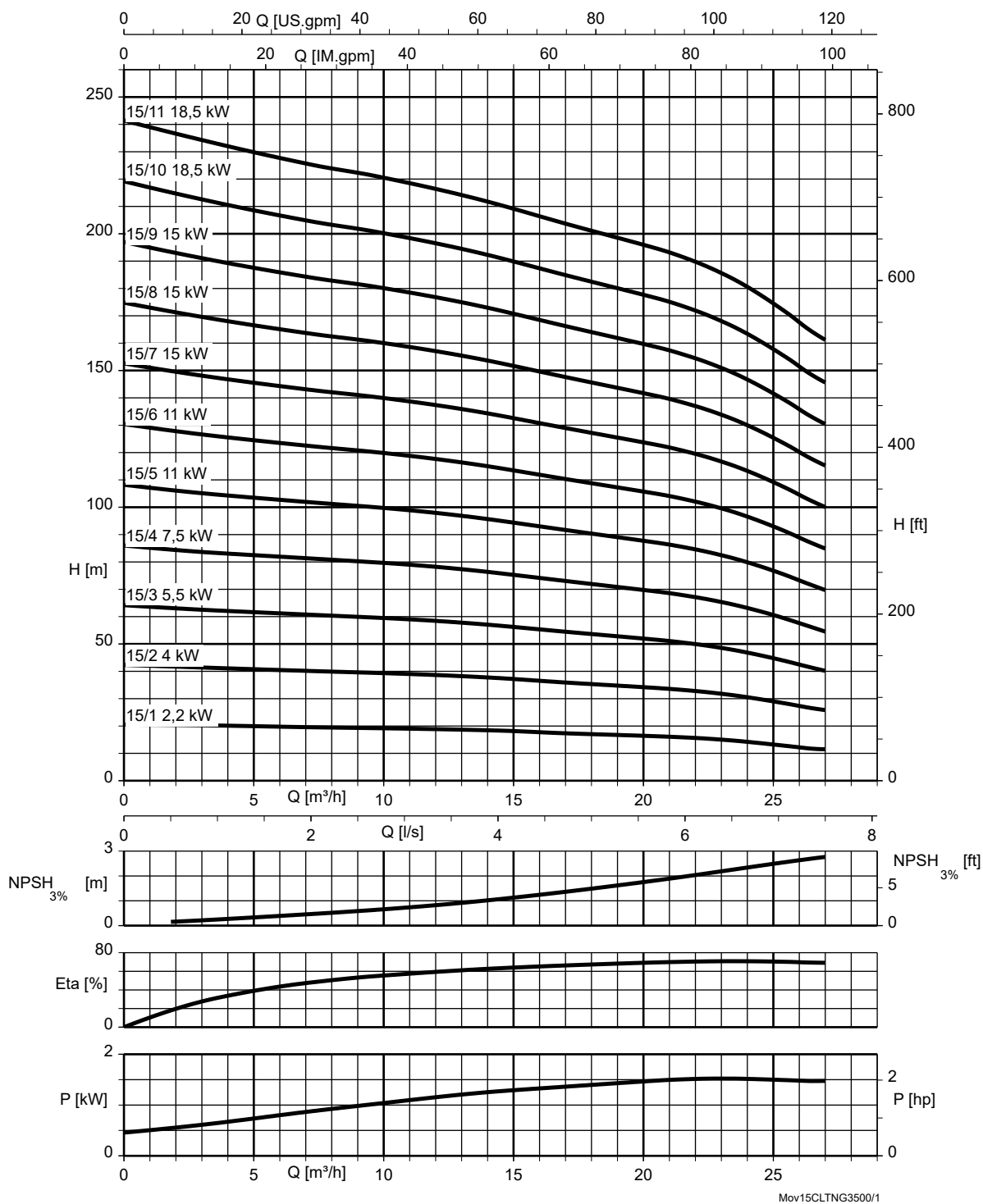
St = 1 | P por etapa

Movitec 15C, n = 3500 rpm



St = 1 P por etapa

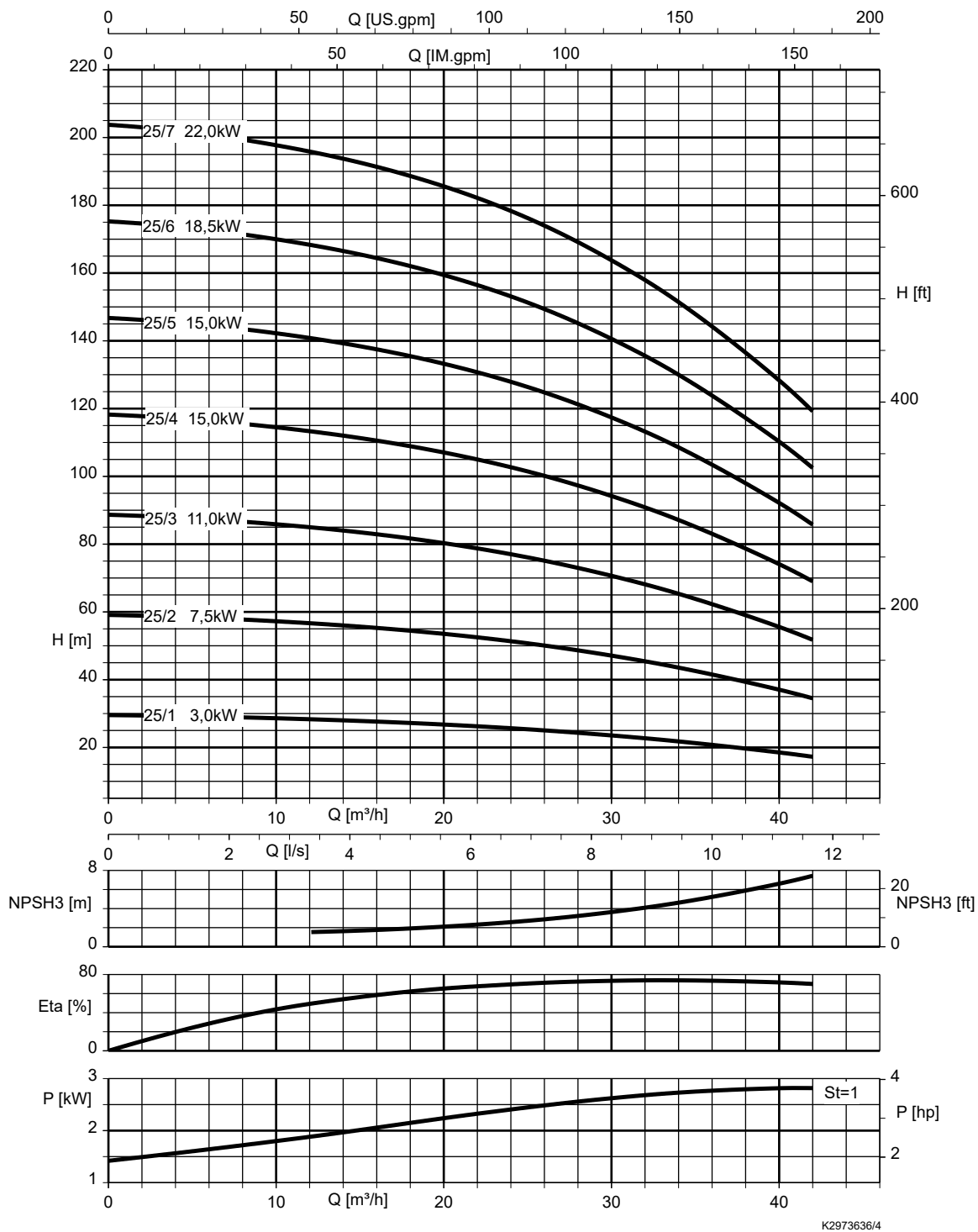
Movitec 15LC, n = 3500 rpm



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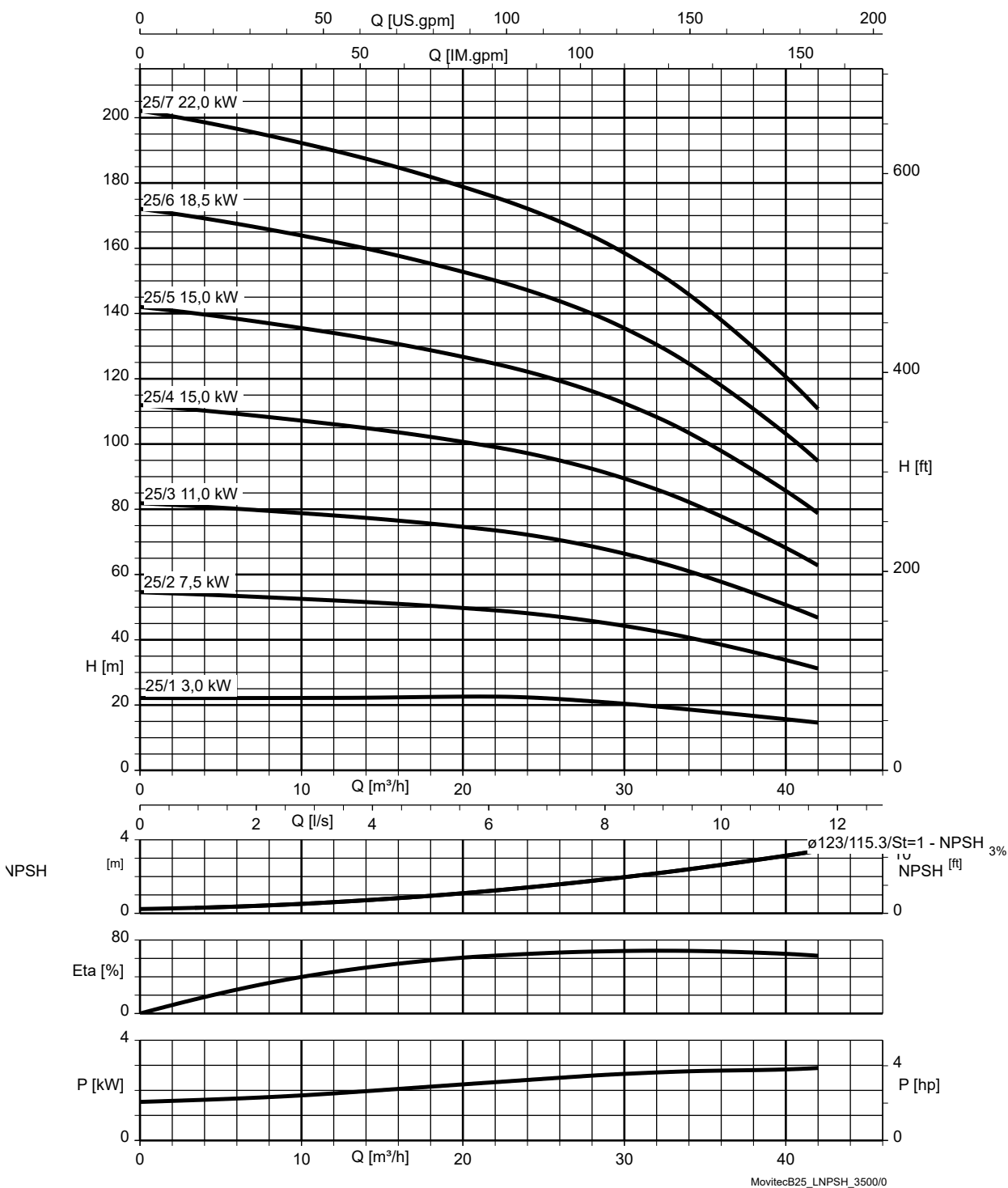
1798.561/12-ES

Movitec 25B, n = 3500 rpm



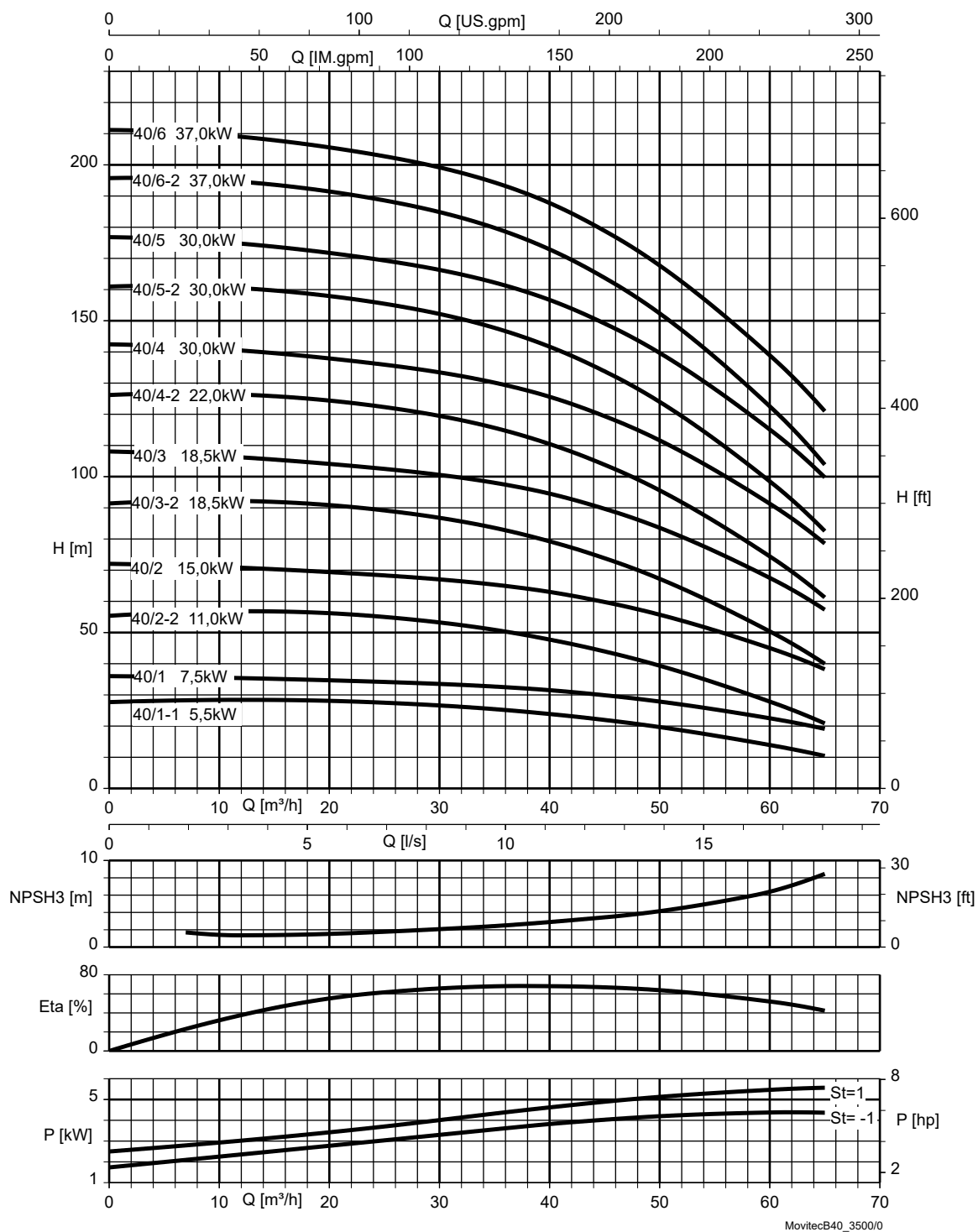
St = 1 | P por etapa

Movitec 25LB, n = 3500 rpm



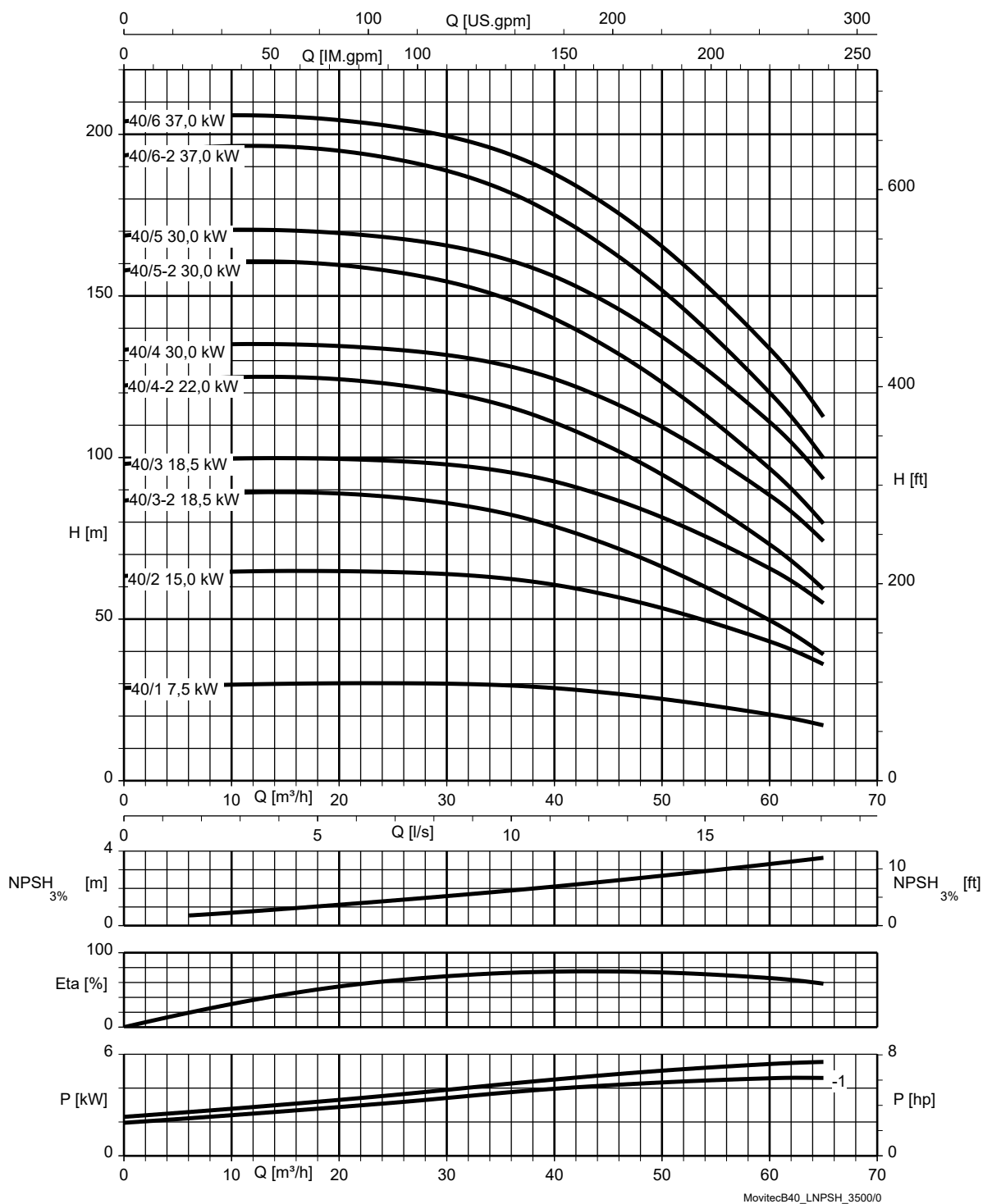
St = 1 P por etapa

Movitec 40B, n = 3500 rpm



St = 1	P por etapa	St = -1	P por etapa con impulsor pequeño
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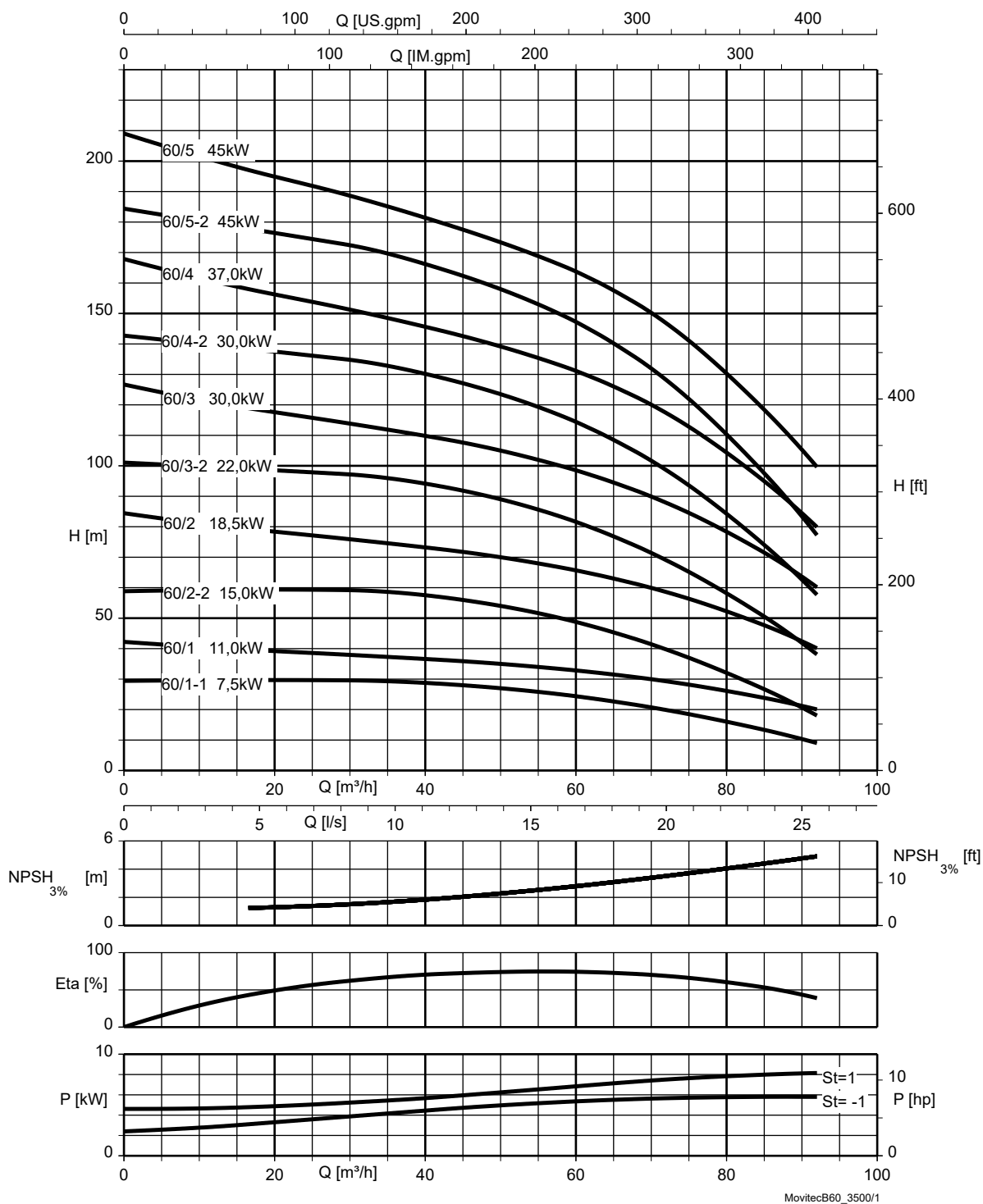
Movitec; 40B; n = 3500 rpm



St = 1 | P por etapa

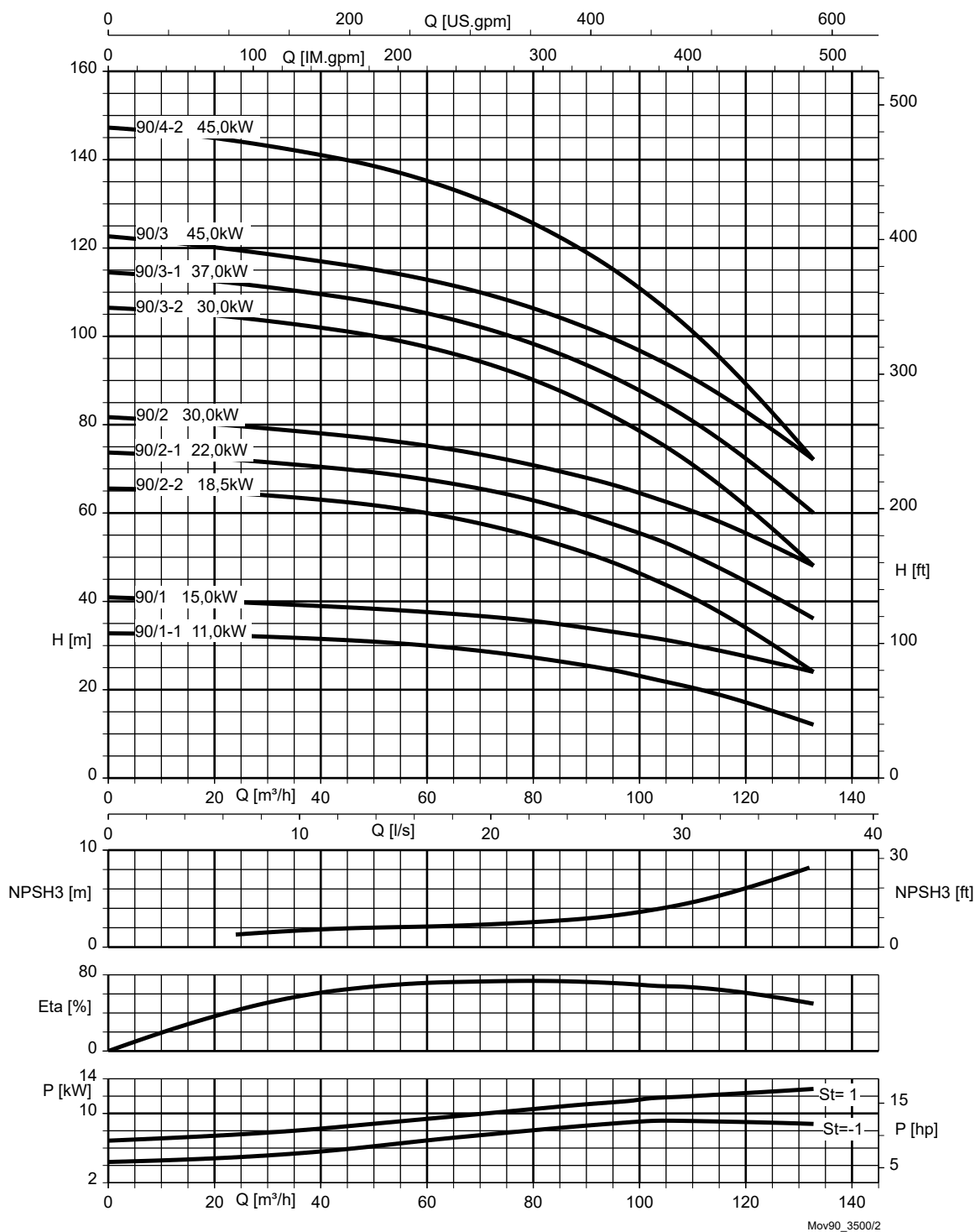
1798.561/12-ES

Movitec; 60B; n = 3500 rpm



St = 1	P por etapa	St = -1	P por etapa con impulsor pequeño
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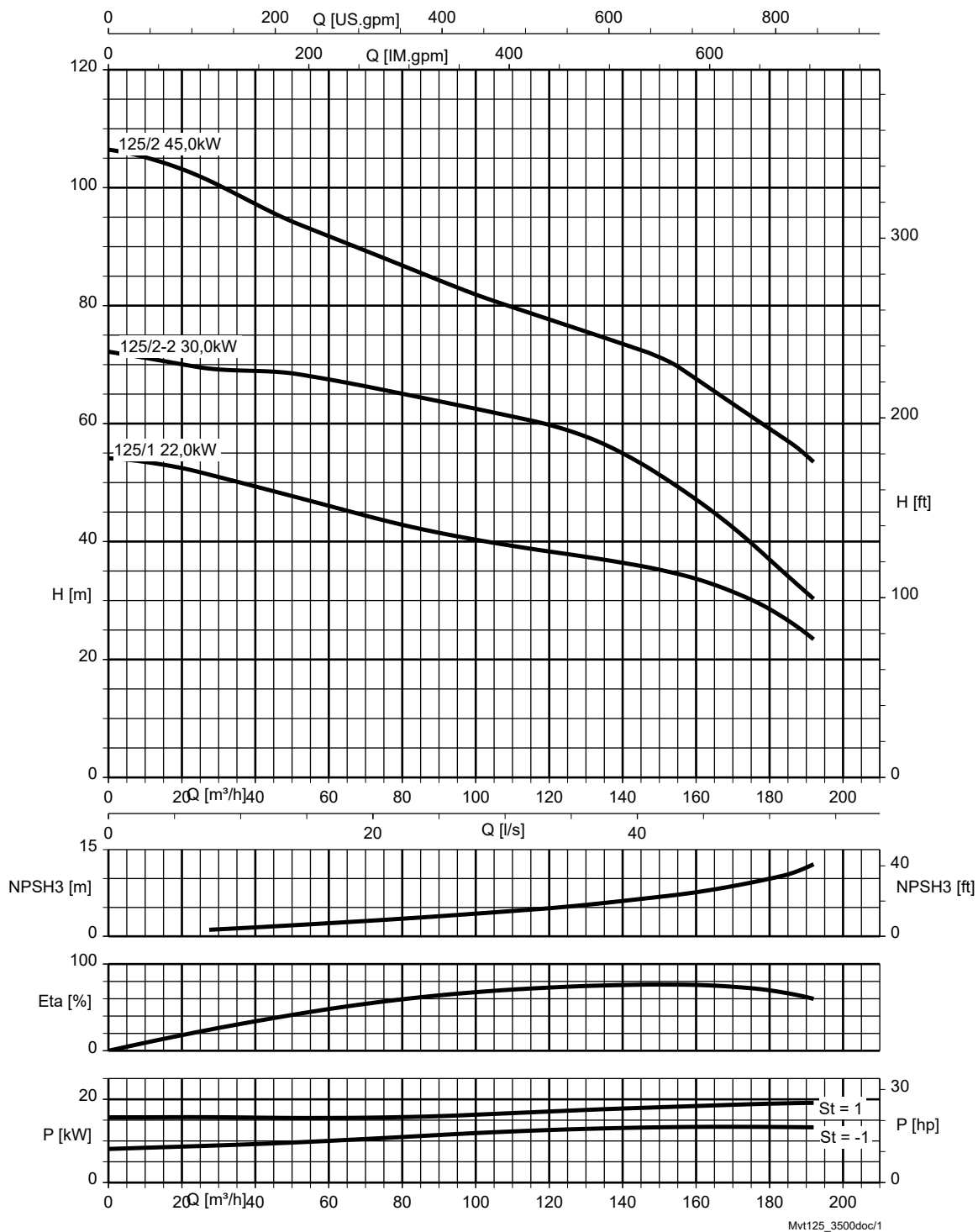
Movitec 90B, n = 3500 rpm



St = 1 | P por etapa

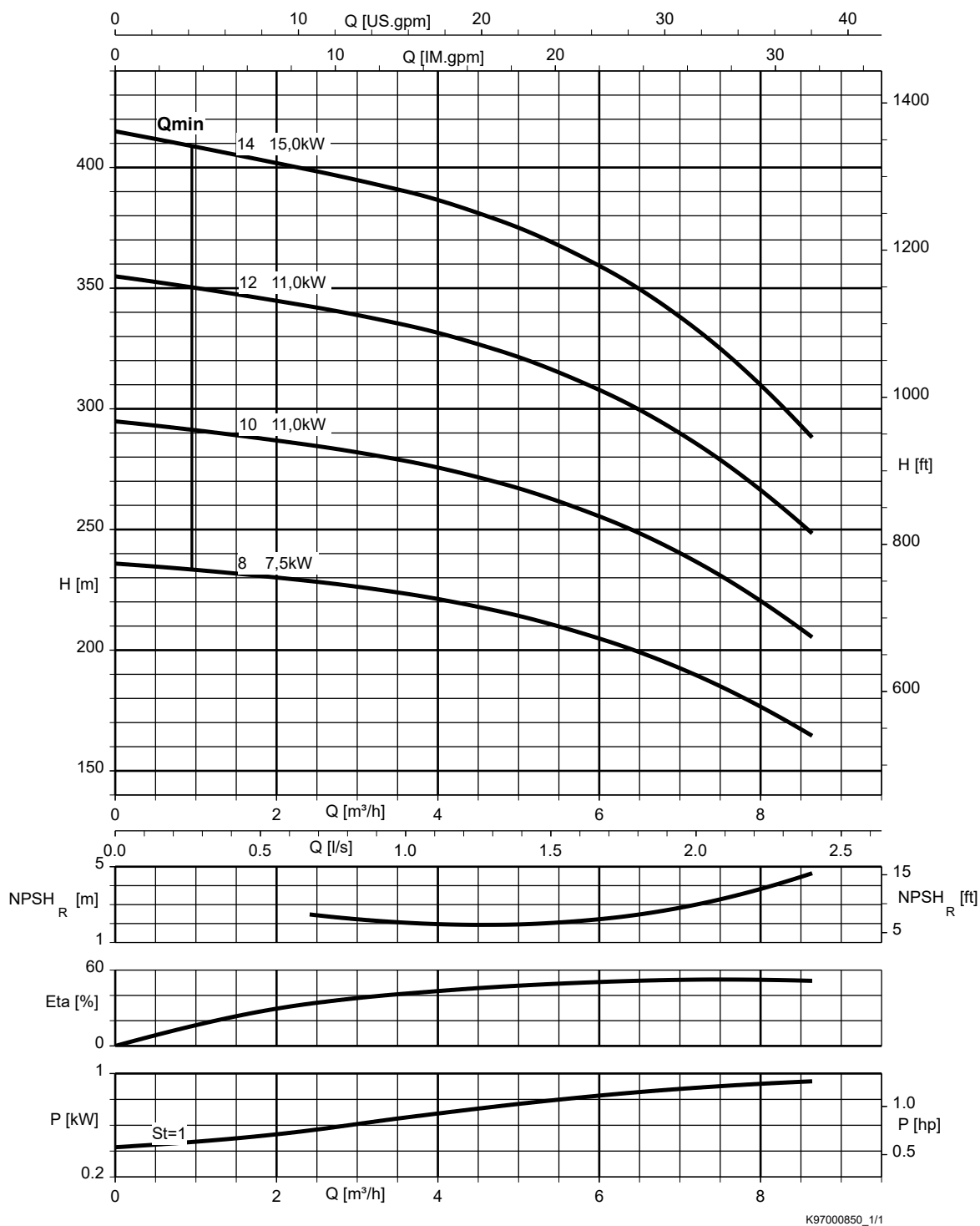
St = -1 | P por etapa con impulsor pequeño

Movitec 125B, n = 3500 rpm



St = 1	P por etapa	St = -1	P por etapa con impulsor pequeño
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Movitec LHS, n = 3500 rpm



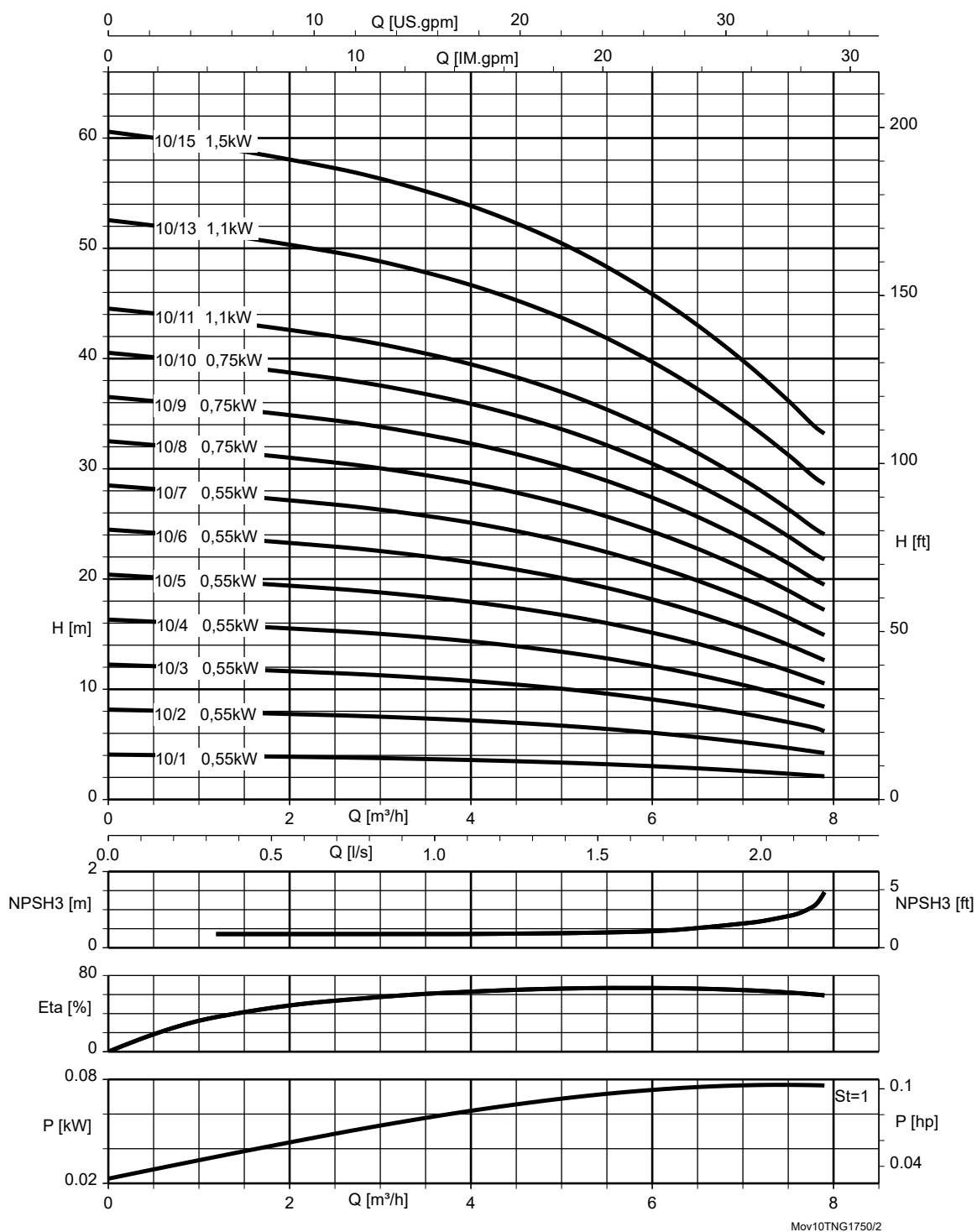
St = 1 | P por etapa

*) $Q_{min} \leq 40^\circ \text{C}$

1798.561/12-ES

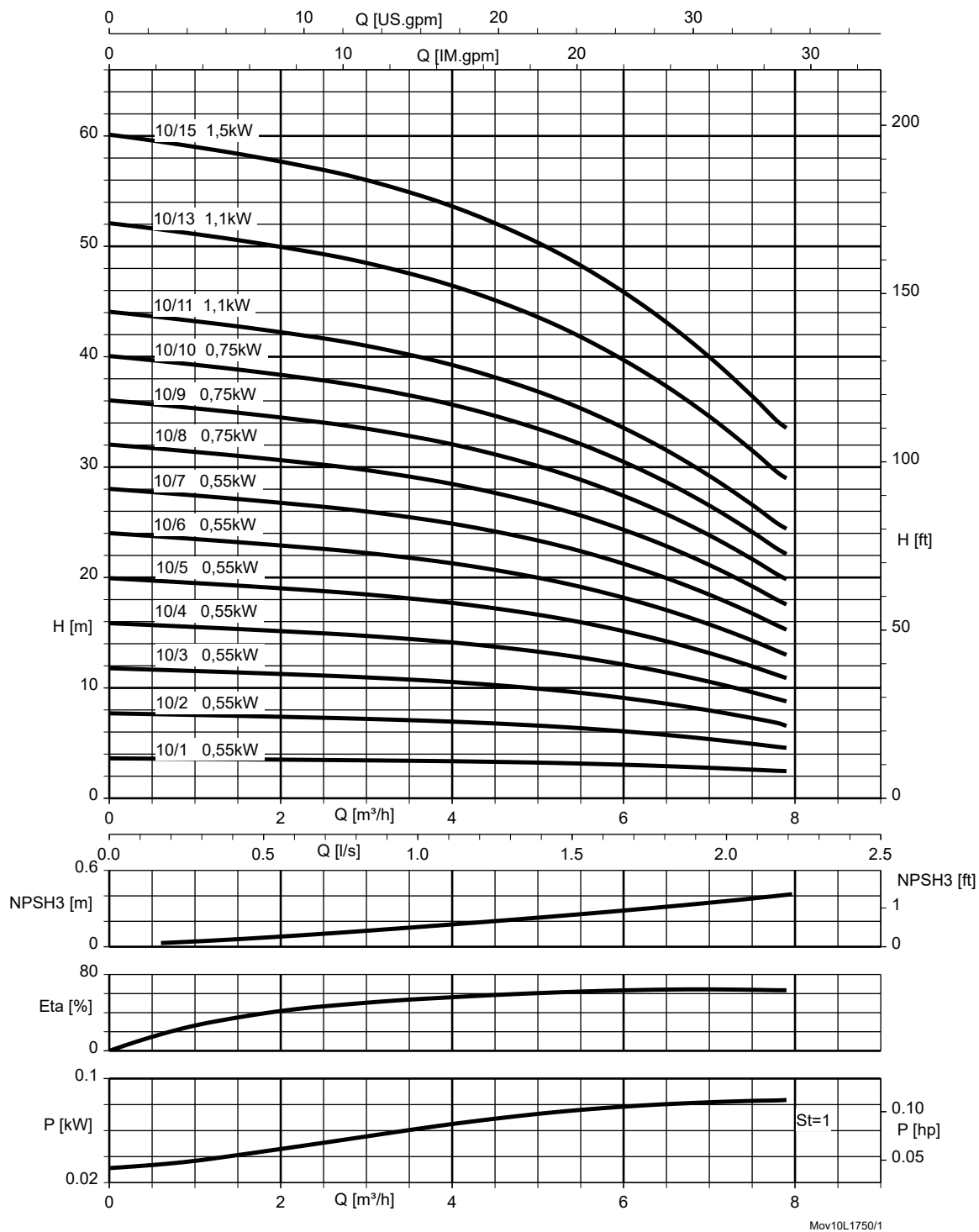
MegaCPK, n = 1.750 rpm

Movitec 10B, n = 1750 rpm



St = 1 P por etapa

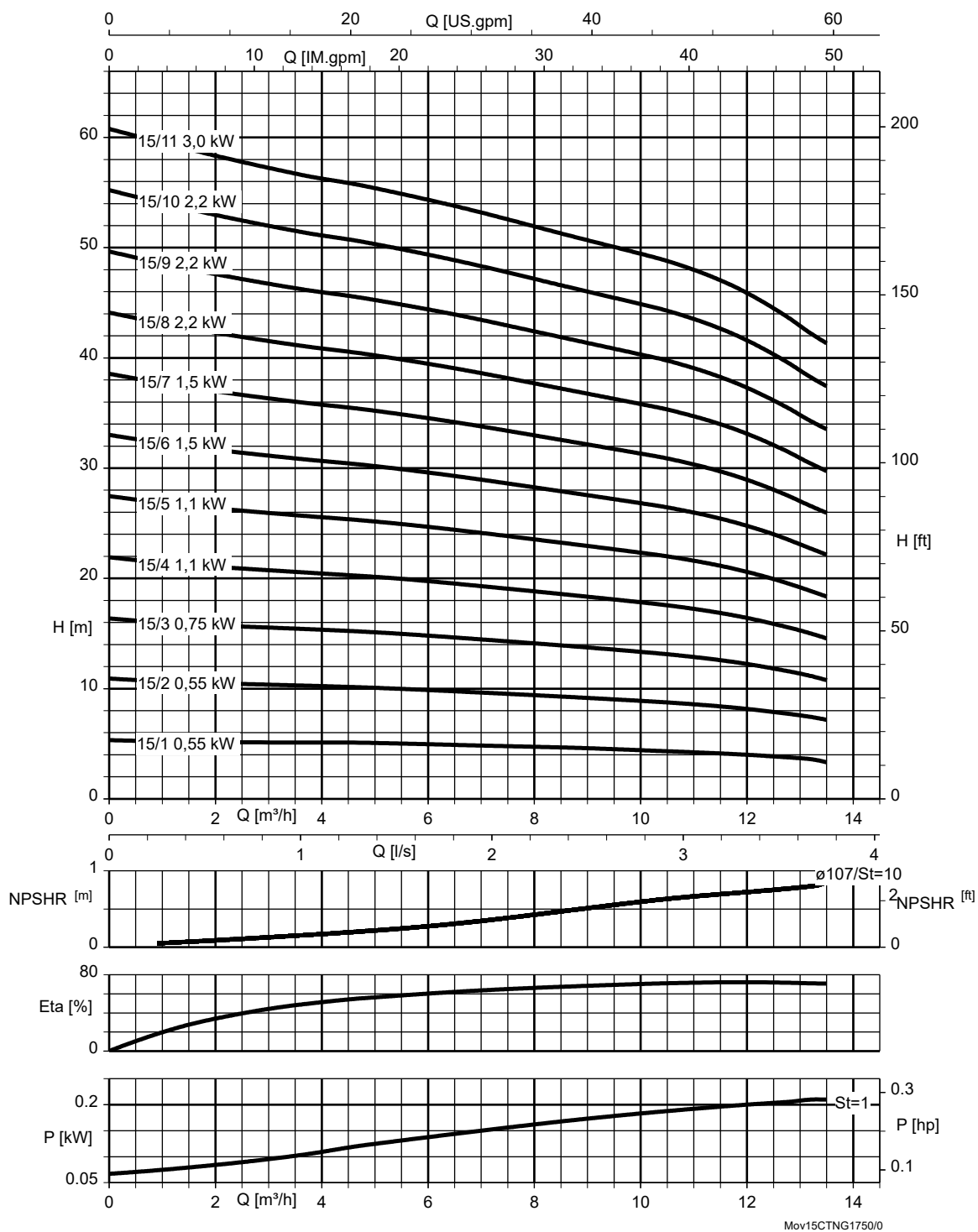
Movitec 10LB, n = 1750 rpm



St = 1 | P por etapa

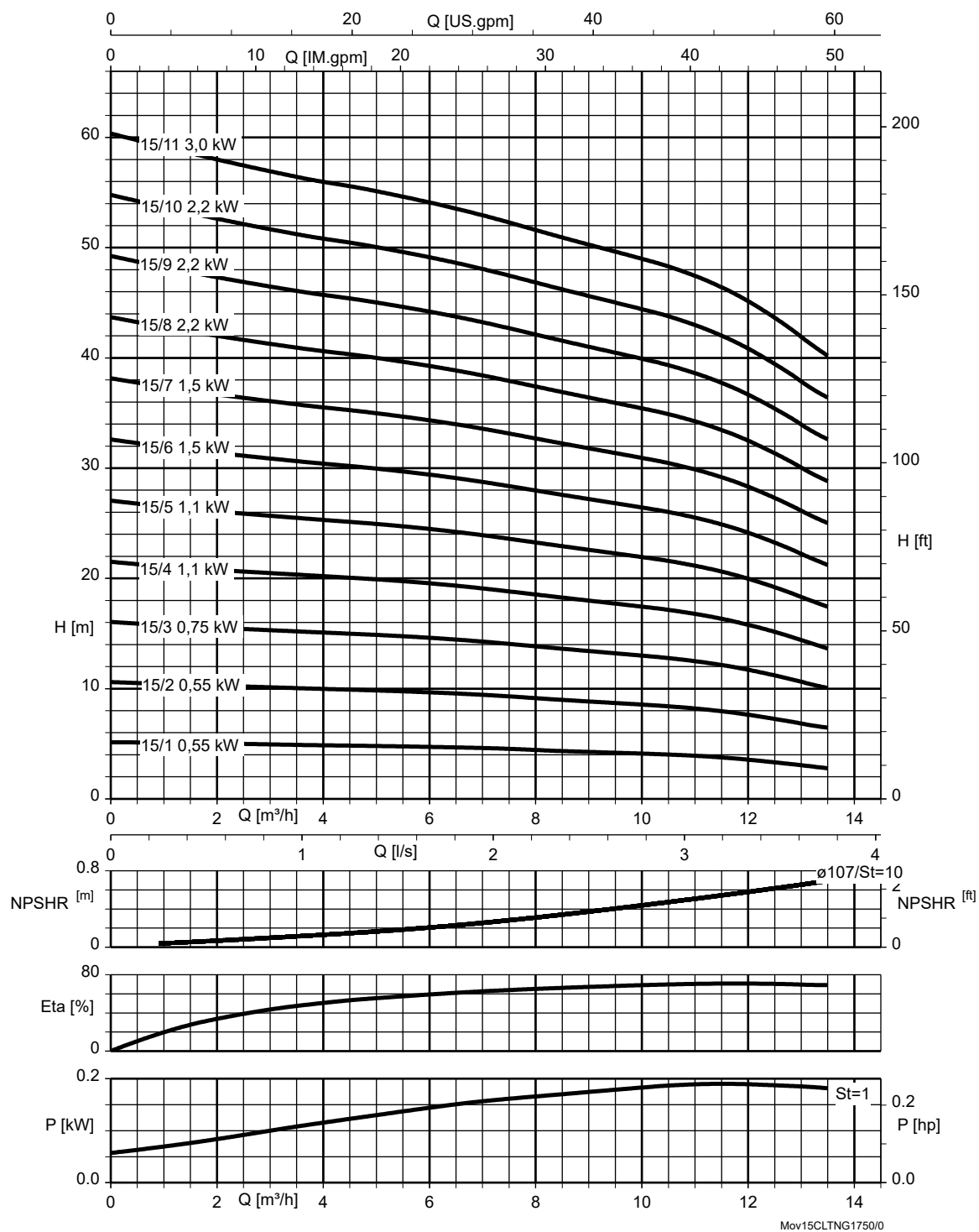
1798.561/12-ES

Movitec 15C, n = 1750 rpm



St = 1 P por etapa

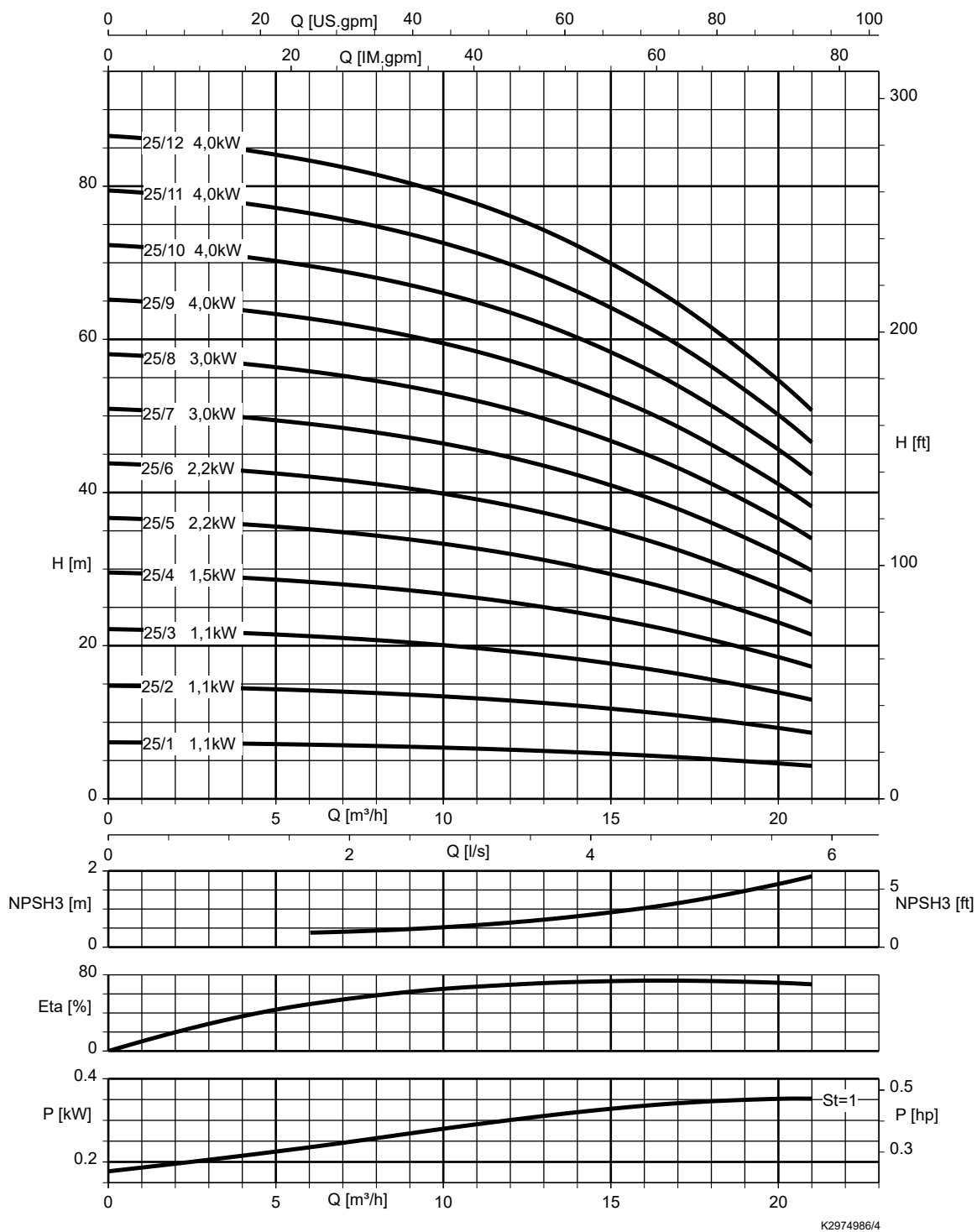
Movitec 15LC, n = 1750 rpm



St = 1 | P por etapa

1798.561/12-ES

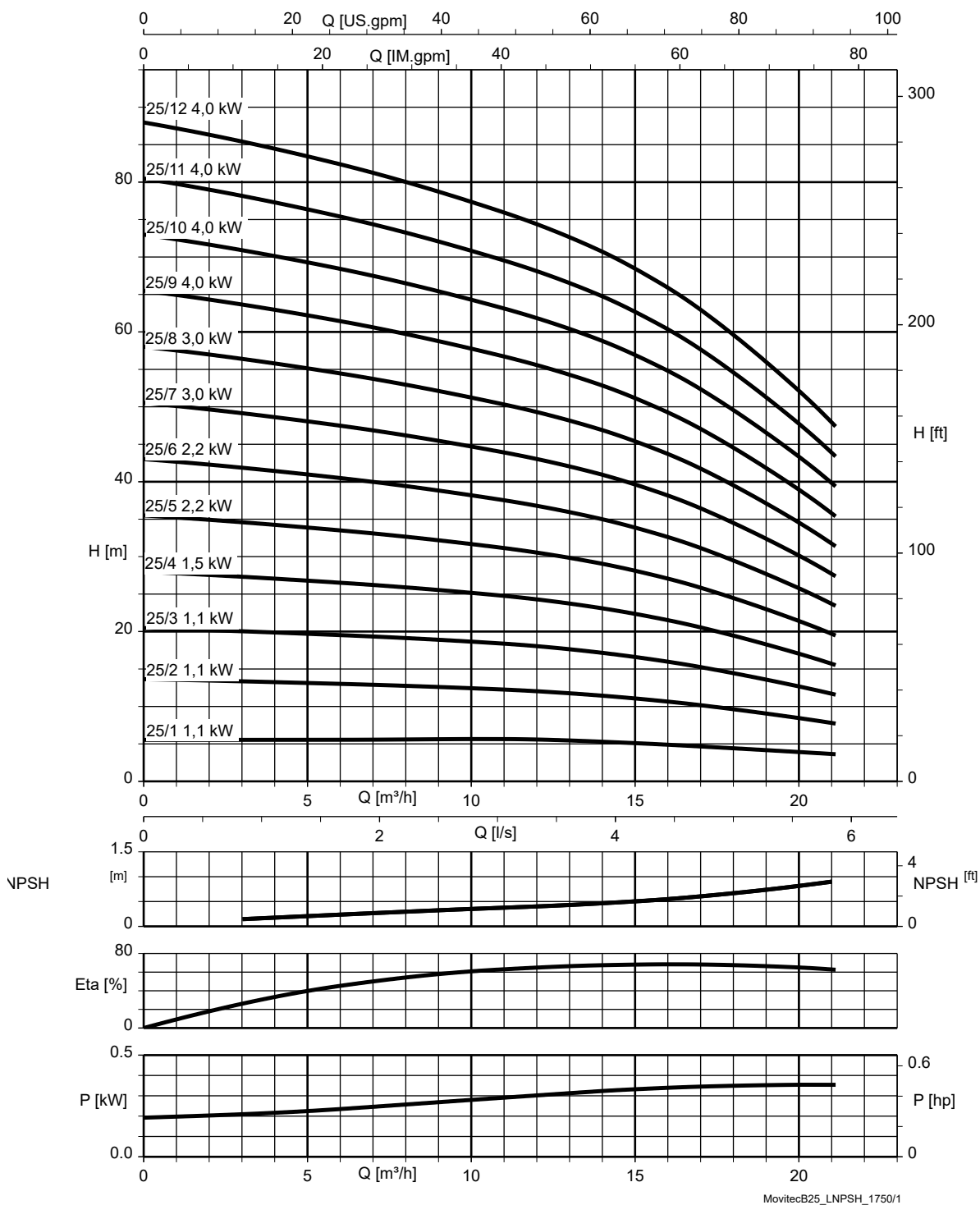
Movitec 25B, n = 1750 rpm



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St = 1 P por etapa

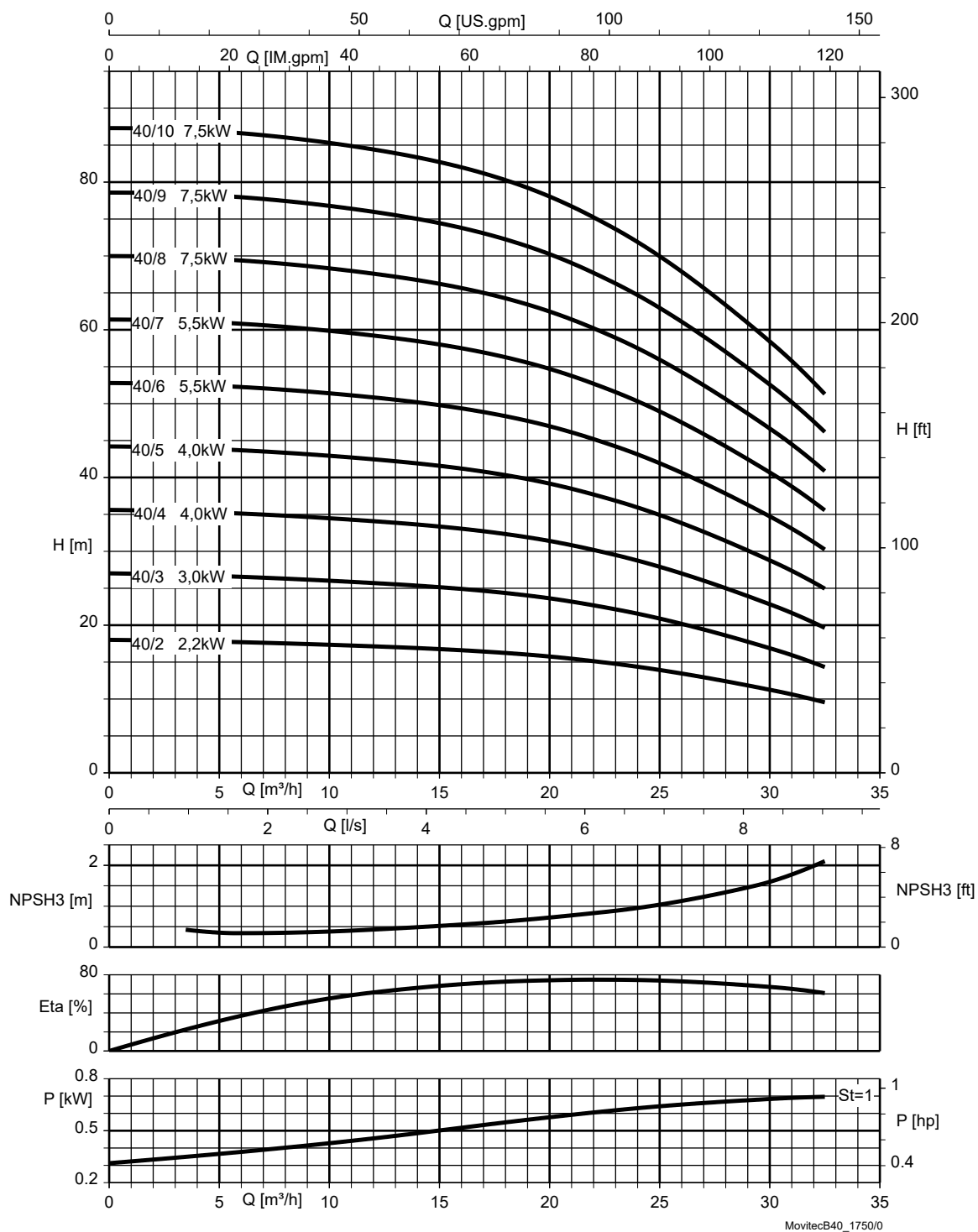
Movitec 25LB, n = 1750 rpm



St = 1 | P por etapa

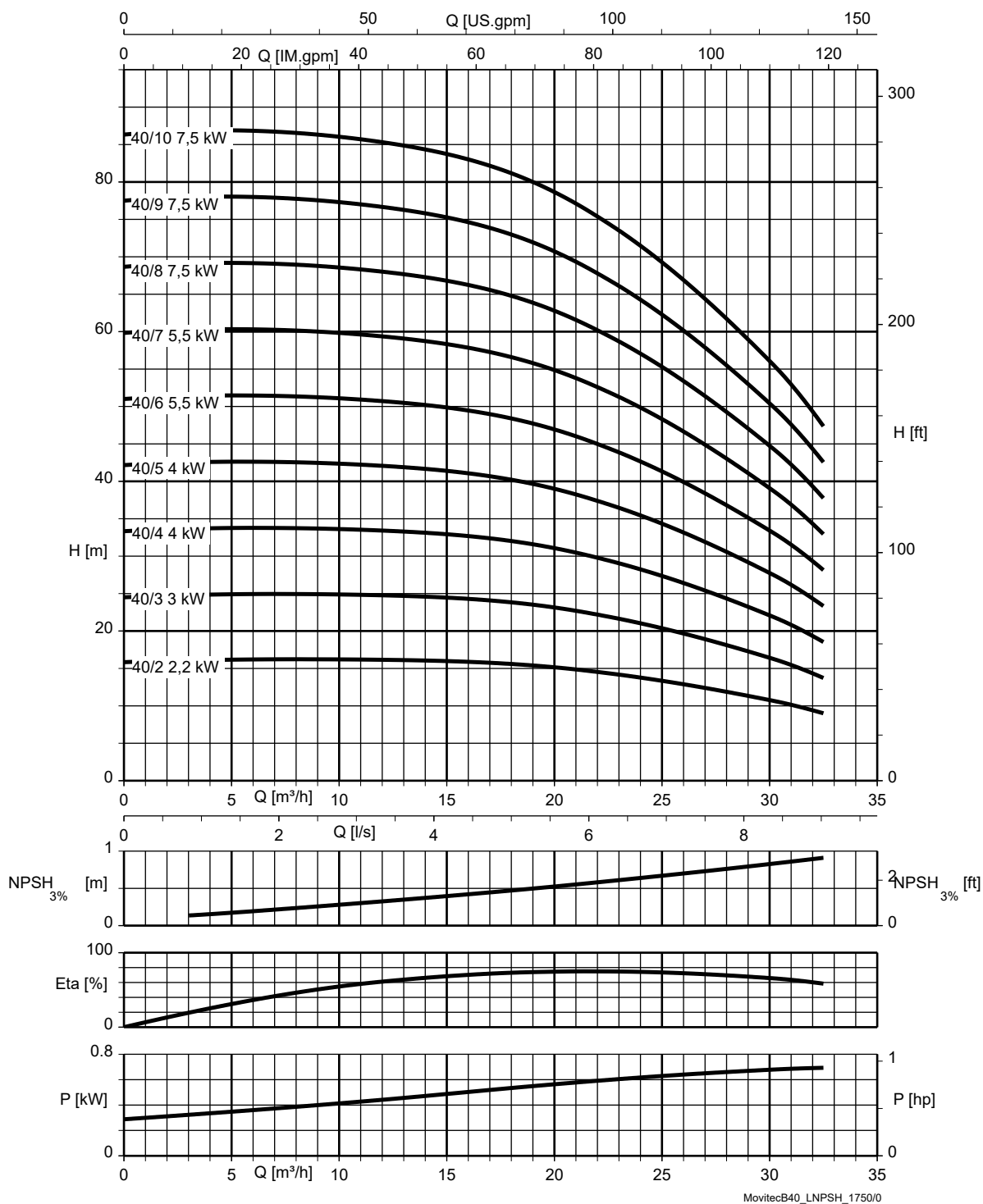
1798.561/12-ES

Movitec 40B, n = 1750 rpm



St = 1 | P por etapa

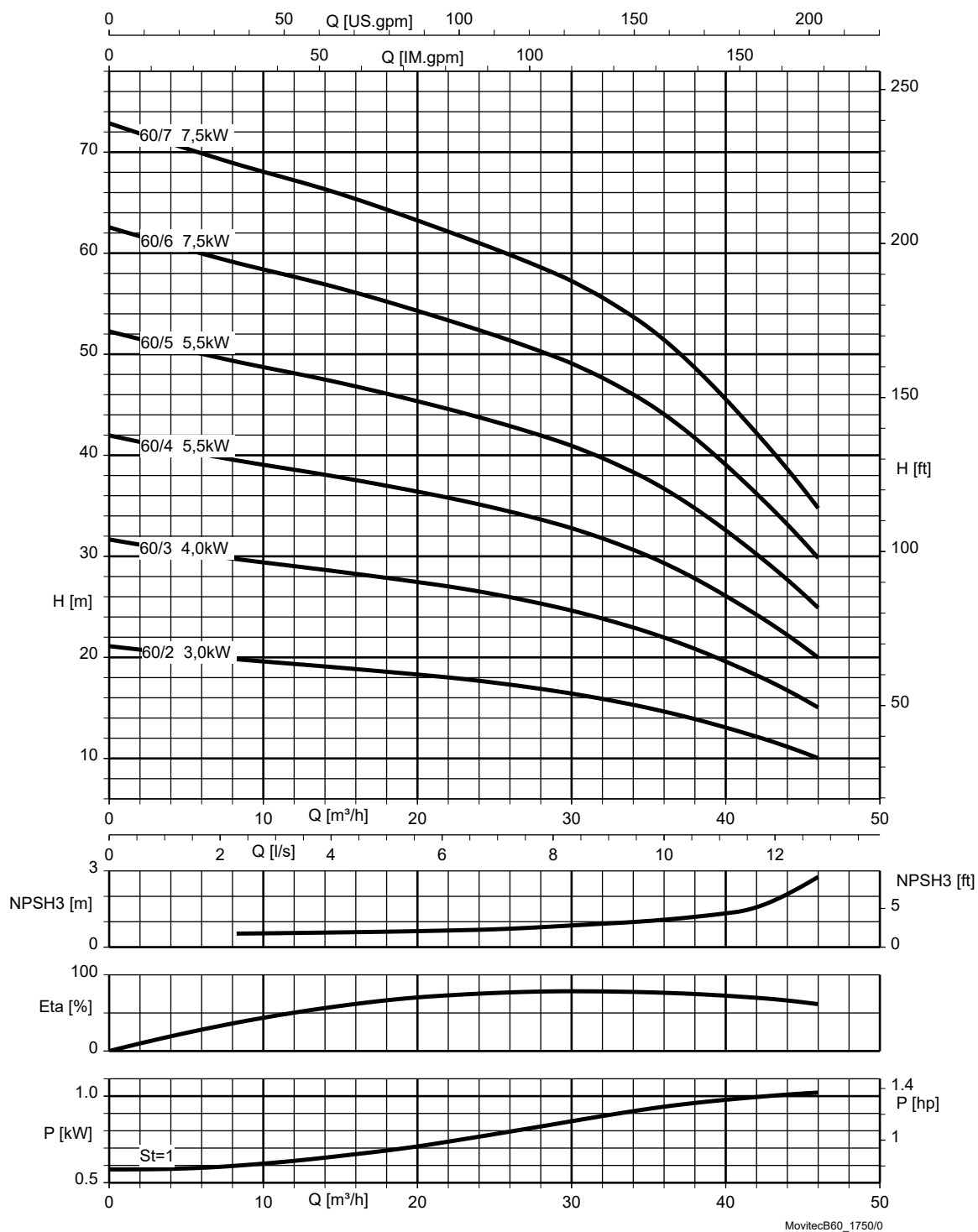
Movitec 40LB, n = 1750 rpm



St = 1 | P por etapa

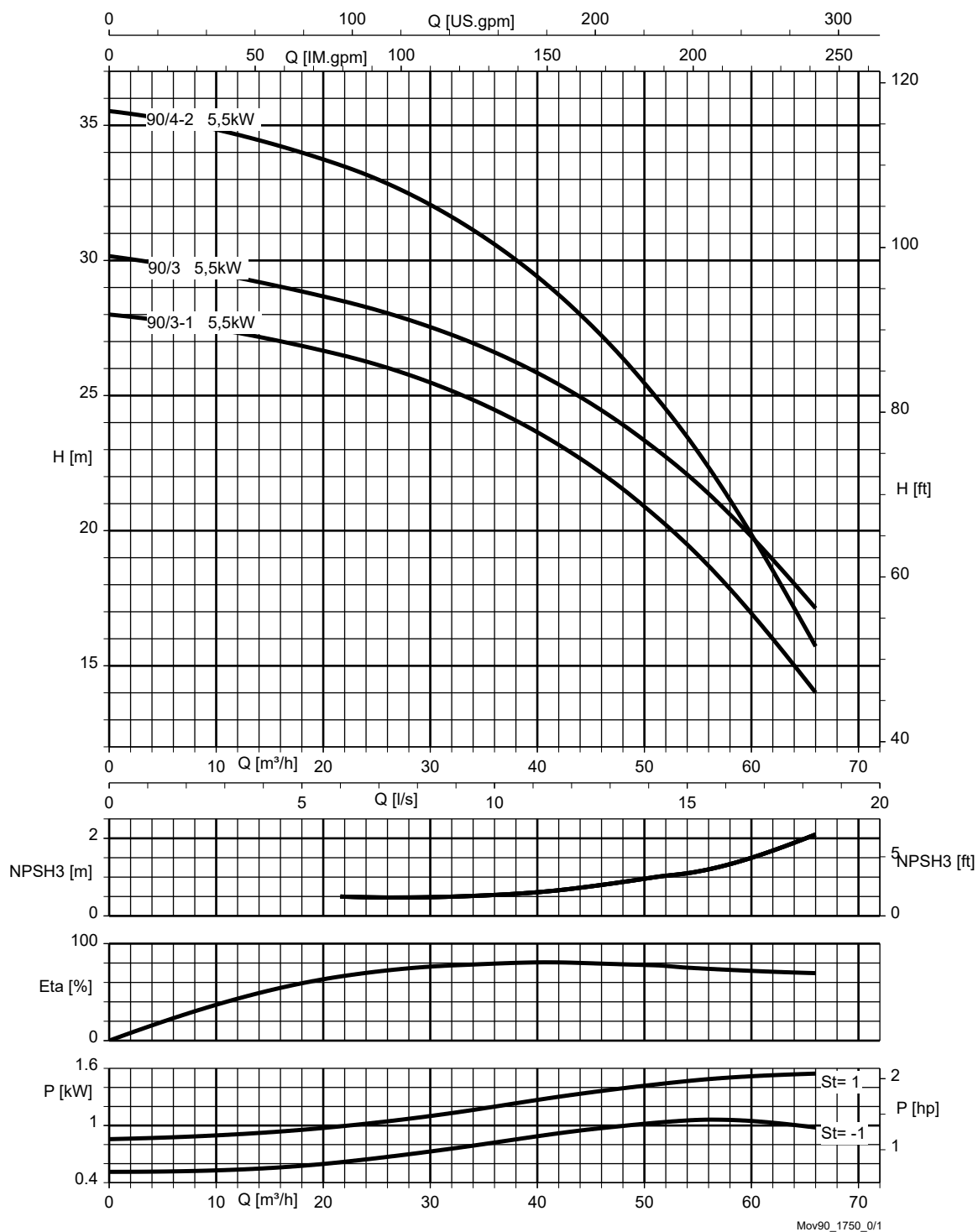
1798.561/12-ES

Movitec 60B, n = 1750 rpm



St = 1 P por etapa

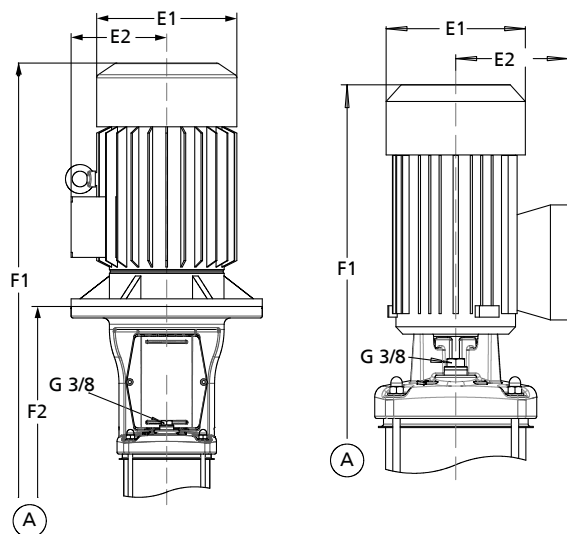
Movitec 90B, n = 1750 rpm



St = 1	P por etapa	St = -1	P por etapa con impulsor pequeño
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Dimensiones y conexiones

Movitec 2(L)B, n = 3500 rpm



V(S), VE, V(S)V, V(S)T, V(C/S)F

VME

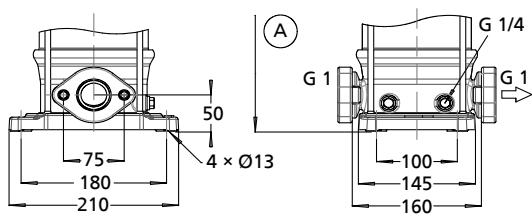


Fig. 4: Conexiones Movitec V, VS

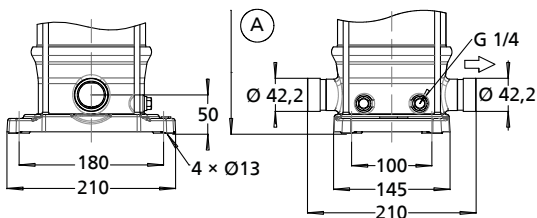


Fig. 5: Conexiones Movitec VV, VSV

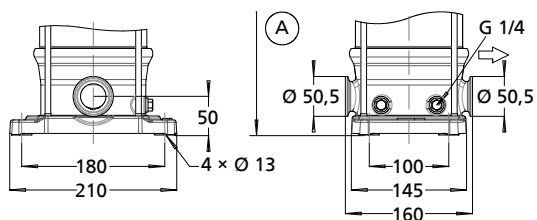


Fig. 6: Conexiones Movitec VT, VST

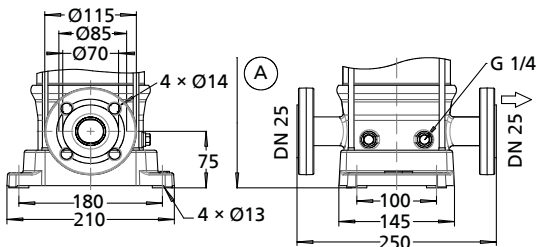


Fig. 7: Conexiones Movitec VF, VSF

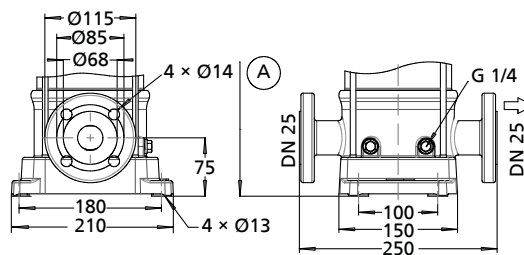


Fig. 8: Conexiones Movitec VCF

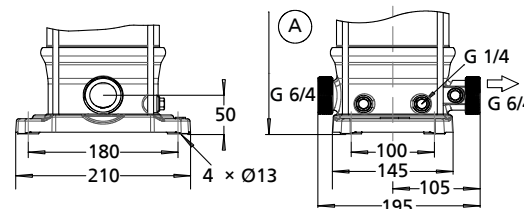


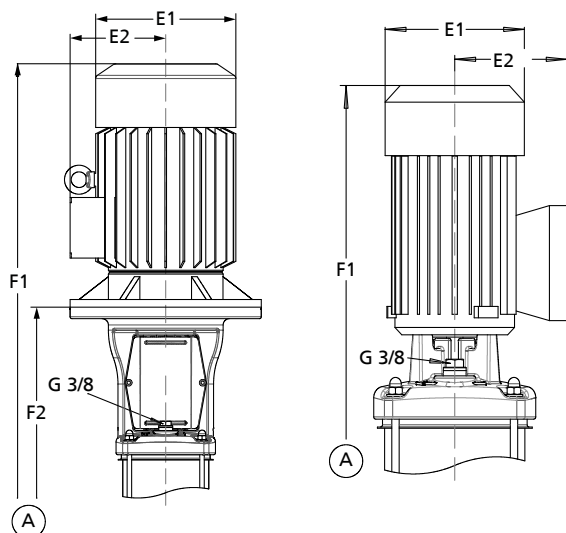
Fig. 9: Conexiones Movitec V(M)E

Tabla 16: Dimensiones

Número de etapas	P _N	E1	E2	Movitec				
				V(S) ²⁸ , VE ²⁸ , V(S)V, V(S)T		V(C/S)F		VME
				F1	F2	F1	F2	F1
	[kW]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2	0,37	138	109	480	259	505	284	420
3	0,37	138	109	501	280	526	305	441
4	0,55	138	109	523	302	548	327	463
5	0,75	157	133	565	333	590	358	528
6	0,75	157	133	587	355	612	380	550
7	1,1	157	133	633	376	658	401	-
8	1,1	157	133	655	398	680	423	-
9	1,1	180	145	676	419	701	444	-
10	1,5	180	145	725	451	750	476	-
11	1,5	180	145	746	472	771	497	-
12	1,5	180	145	768	494	793	519	-
14	2,2	180	145	835	537	860	562	-
16	2,2	180	145	878	580	903	605	-
18	2,2	180	145	921	623	946	648	-
20	3,0	200	155	994	676	1019	701	-
22	3,0	200	155	1037	719	1062	744	-

²⁸ Disponible con máx. 14 etapas

Movitec 4(L)B, n = 3500 rpm



V(S), VE, V(S)V, V(S)T, V(C/S)F

VME

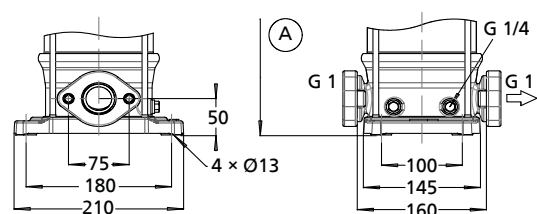


Fig. 10: Conexiones Movitec V, VS

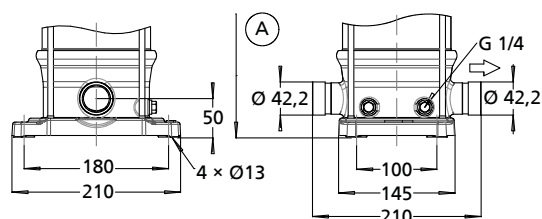


Fig. 11: Conexiones Movitec VV, VSV

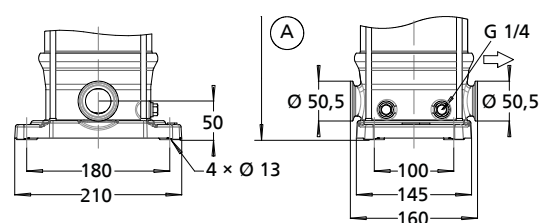


Fig. 12: Conexiones Movitec VT, VST

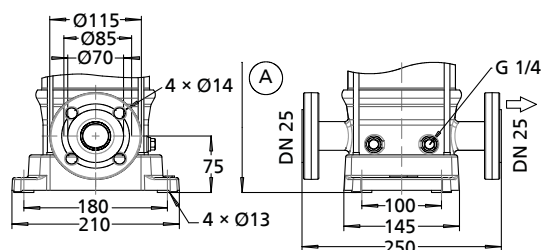


Fig. 13: Conexiones Movitec VT, VST

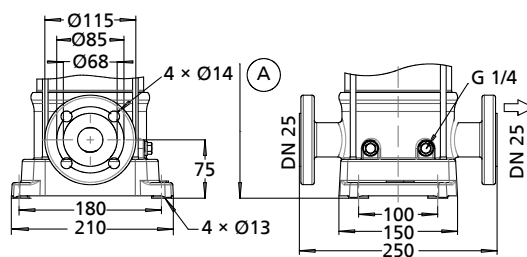


Fig. 14: Conexiones Movitec VCF

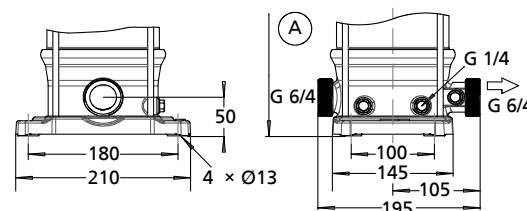


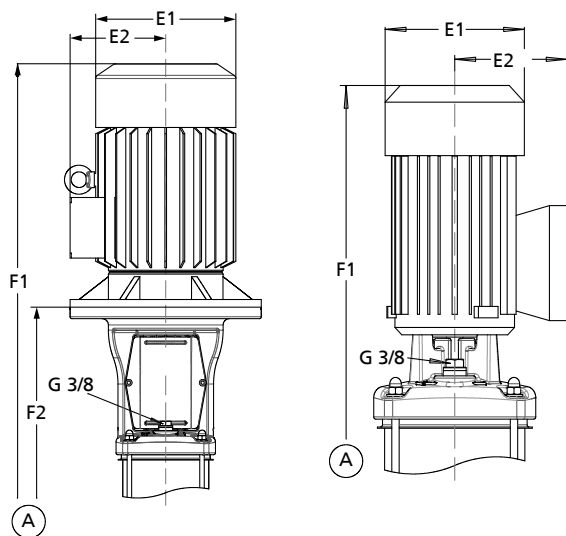
Fig. 15: Conexiones Movitec V(M)E

Tabla 17: Dimensiones

Número de etapas	P _N	E1	E2	Movitec				
				V(S) ²⁹ , VE ²⁹ , V(S)V, V(S)T		V(C/S)F		VME
				F1	F2	F1	F2	F1
	[kW]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2	0,55	138	109	480	259	505	284	420
3	0,75	138	109	522	290	547	315	485
4	1,1	138	109	569	312	594	337	507
5	1,5	160	150	617	343	642	368	-
6	1,5	160	150	639	365	664	390	-
7	2,2	160	150	684	386	709	411	-
8	2,2	185	160	706	408	731	433	-
9	3,0	185	160	747	429	782	464	-
10	3,0	185	160	779	461	804	486	-
11	3,0	185	160	800	482	825	507	-
12	4,0	185	160	819	504	844	529	-
14	4,0	185	160	862	547	887	572	-
16	5,5	185	160	1068	666	1093	691	-
18	5,5	205	175	1111	709	1136	734	-

²⁹ Disponible con máx. 12 etapas

Movitec 6(L)B, n = 3500 rpm



V(S), VE, V(S)V, V(S)T, V(C/S)F

VME

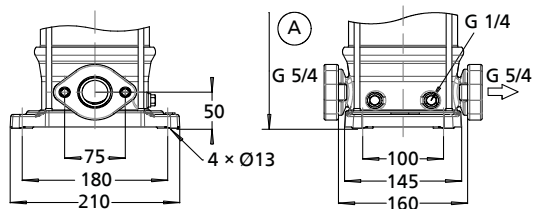


Fig. 16: Conexiones Movitec V, VS

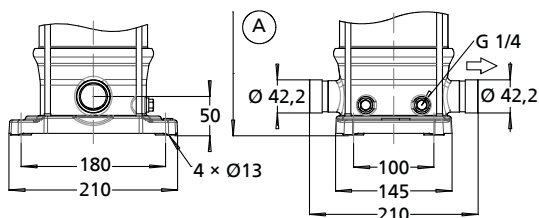


Fig. 17: Conexiones Movitec VV, VSV

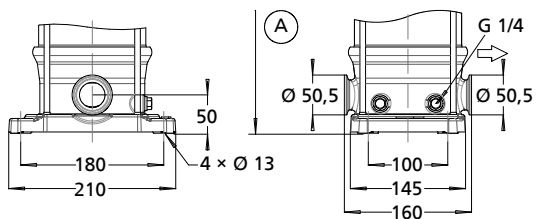


Fig. 18: Conexiones Movitec VT, VST

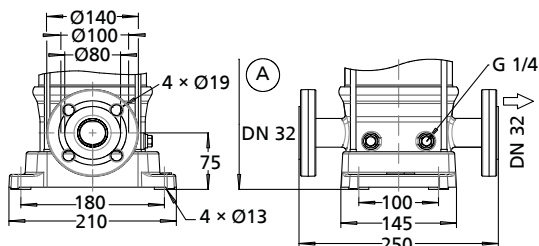


Fig. 19: Conexiones Movitec VF, VSF

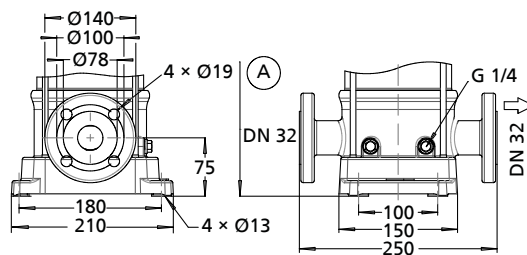


Fig. 20: Conexiones Movitec VCF

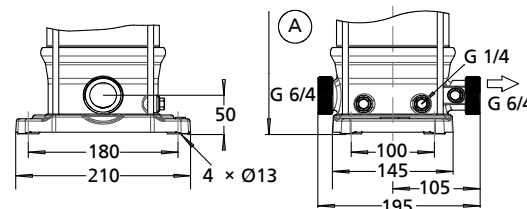


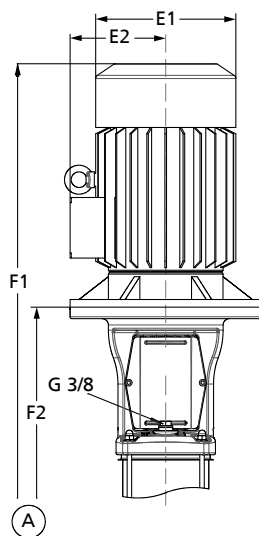
Fig. 21: Conexiones Movitec V(M)E

Tabla 18: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	Movitec				
				V(S) ³⁰ , VE ³⁰ , V(S)V, V(S)T		V(C/S)F		VME
				F1 [mm]	F2 [mm]	F1 [mm]	F2 [mm]	F1 [mm]
2	0,75	138	109	508	276	533	301	471
3	1,1	160	150	558	301	583	326	496
4	1,5	160	150	610	336	635	361	-
5	2,2	160	150	659	361	684	386	-
6	2,2	185	160	684	386	709	411	-
7	3,0	185	160	739	421	764	446	-
8	3,0	185	160	764	446	789	471	-
9	4,0	185	160	786	471	811	496	-
10	4,0	185	160	811	496	836	521	-
11	4,0	205	175	836	521	861	546	-
12	5,5	205	175	1024	622	1049	647	-
14	5,5	205	175	1074	672	1099	697	-
16	7,5	220	190	1122	722	1147	747	-
18	7,5	220	190	1172	772	1197	797	-

³⁰ Disponible con máx. 11 etapas

Movitec 10(L)B, n = 1750 rpm



V(S), V(S)V, V(S)T, V(C/S)F

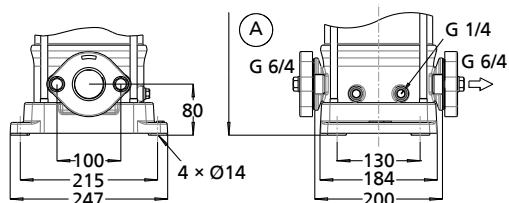


Fig. 22: Conexiones Movitec V, VS

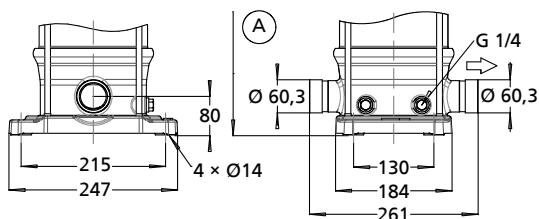


Fig. 23: Conexiones Movitec VV, VSV

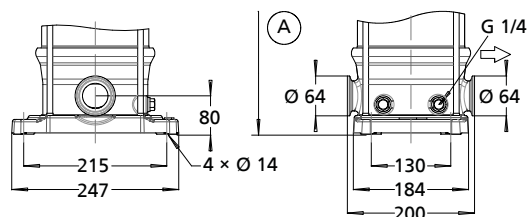


Fig. 24: Conexiones Movitec VT, VST

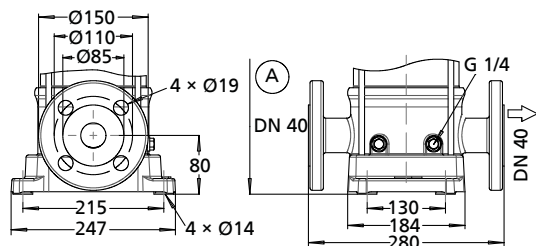


Fig. 25: Conexiones Movitec VF, VSF

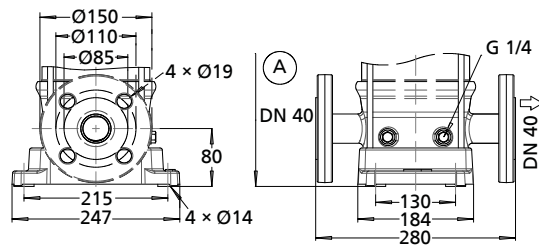
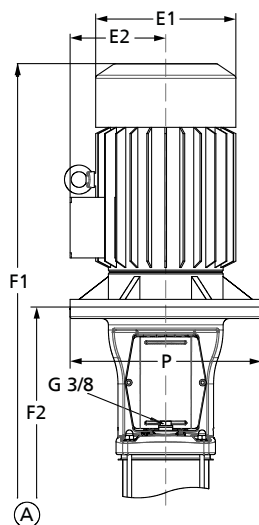


Fig. 26: Conexiones Movitec VCF

Tabla 19: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	Movitec			
				V(S), V(S)V, V(S)T		V(C/S)F	
				F1 [mm]	F2 [mm]	F1 [mm]	F2 [mm]
1	0,55	157	112	603	346	603	346
2	0,55	157	112	613	356	613	356
3	0,55	157	112	629	372	629	372
4	0,55	157	112	656	399	656	399
5	0,55	157	112	682	425	682	425
6	0,55	157	112	709	452	709	452
7	0,55	157	112	735	478	735	478
8	0,75	157	112	800	505	800	505
9	0,75	157	112	826	531	826	531
10	0,75	157	112	853	558	853	558
11	1,1	180	145	869	594	869	594
13	1,1	180	145	922	647	922	647
15	1,5	180	145	1000	700	1000	700

Movitec 10(L)B, n = 3500 rpm



V(S), V(S)V, V(S)T, V(C/S)F

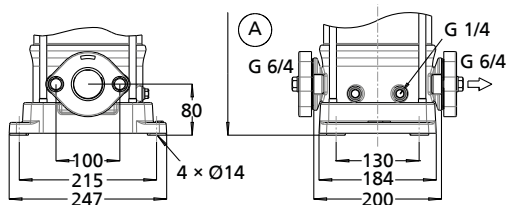


Fig. 27: Conexiones Movitec V, VS

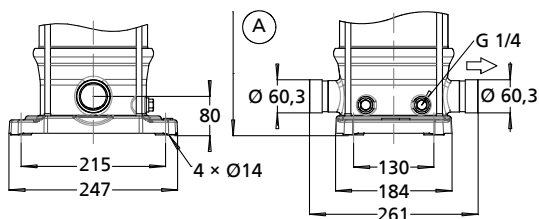


Fig. 28: Conexiones Movitec VV, VSV

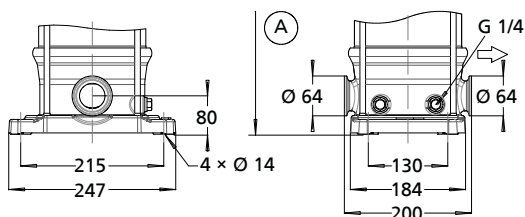


Fig. 29: Conexiones Movitec VT, VST

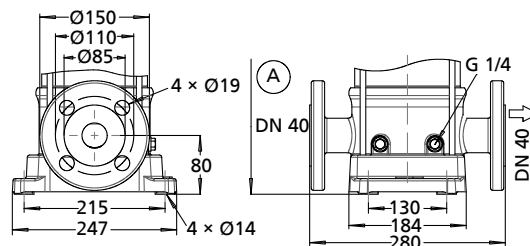


Fig. 30: Conexiones Movitec VF, VSF

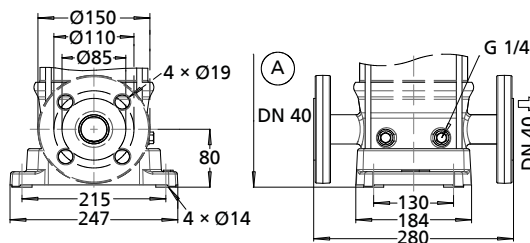


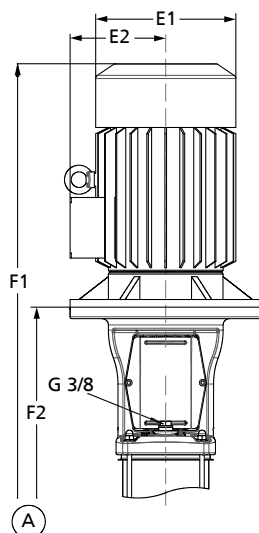
Fig. 31: Conexiones Movitec VCF

Tabla 20: Dimensiones

Número de etapas	P _N	E1	E2	p	Movitec			
					V(S) ³¹ , V(S)V, V(S)T		V(C/S)F	
					F1	F2	F1	F2
[kW]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
1	0,75	150	115	-	580	346	580	346
2	1,5	200	148	-	637	356	637	356
3	2,2	200	148	-	663	382	663	382
4	3,0	215	157	-	736	419	736	419
5	4,0	248	168	-	801	445	801	445
6	4,0	248	168	-	828	472	828	472
7	5,5	288	197	-	1010	578	1010	578
8	5,5	288	197	-	1036	604	1036	604
9	7,5	288	197	-	1063	631	1063	631
10	7,5	288	197	-	1089	657	1089	657
11	7,5	288	197	-	1116	684	1116	684
13	11,0	340	223	300	1300	767	1300	767
15	11,0	340	223	300	1353	820	1353	820

³¹ Disponible con máx. 9 etapas

Movitec 15(L)C, n = 1750 rpm



V(S), V(S)V, V(S)T, V(C/S)F

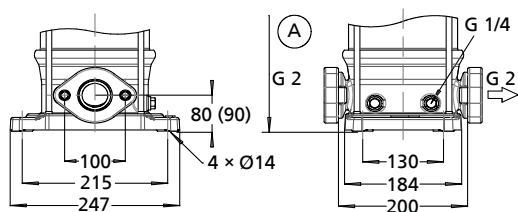


Fig. 32: Conexiones Movitec V, VS

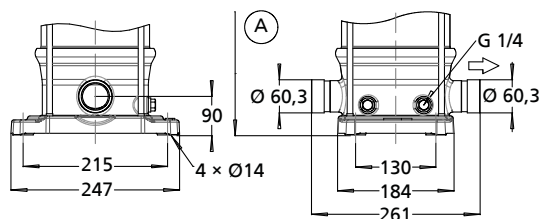


Fig. 33: Conexiones Movitec VV, VSV

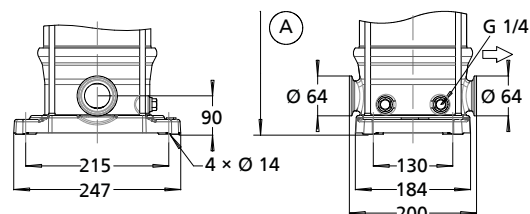


Fig. 34: Conexiones Movitec VT, VST

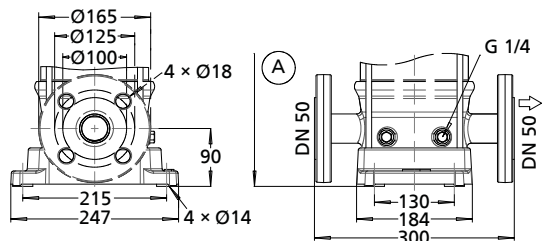


Fig. 35: Conexiones Movitec VF, VSF

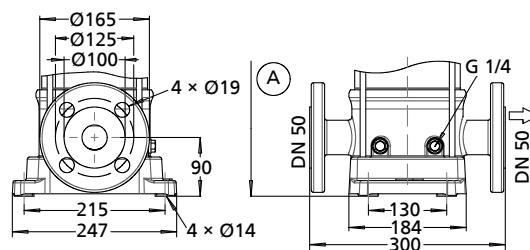
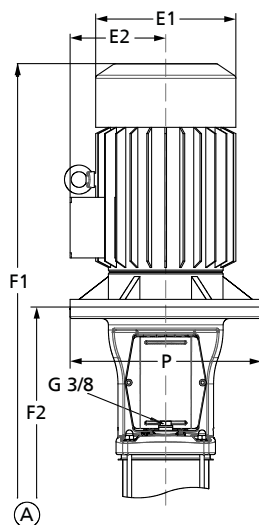


Fig. 36: Conexiones Movitec VCF

Tabla 21: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	Movitec			
				V(S), V(S)V, V(S)T		V(C/S)F	
				F1 [mm]	F2 [mm]	F1 [mm]	F2 [mm]
1	0,55	157	112	619	362	629	372
2	0,55	157	112	619	362	629	372
3	0,75	157	133	698	403	708	413
4	1,1	180	145	729	454	739	464
5	1,1	180	145	770	495	780	505
6	1,5	180	145	836	536	846	546
7	1,5	180	145	877	577	887	587
8	2,2	200	155	946	628	956	638
9	2,2	200	155	987	669	997	679
10	2,2	200	155	1028	710	1038	720
11	2,2	200	155	1069	751	1079	761

Movitec 15(L)C, n = 3500 rpm



V(S), V(S)V, V(S)T, V(C/S)F

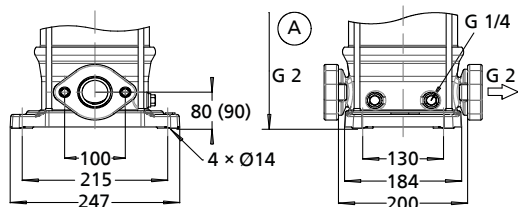


Fig. 37: Conexiones Movitec V, VS

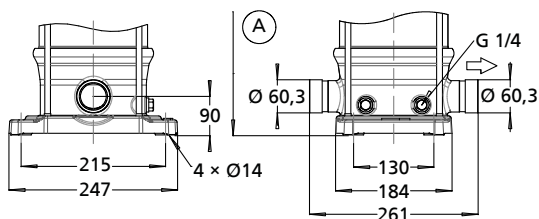


Fig. 38: Conexiones Movitec VV, VSV

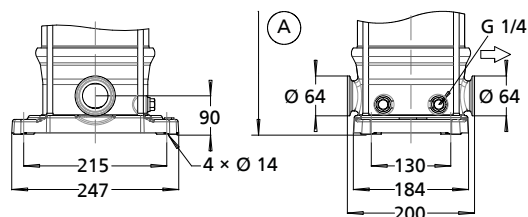


Fig. 39: Conexiones Movitec VT, VST

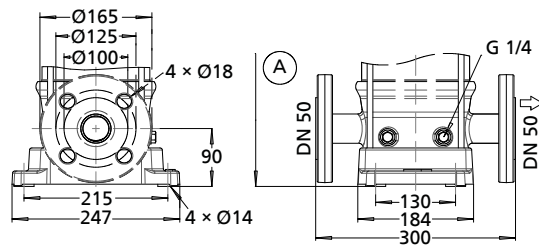


Fig. 40: Conexiones Movitec VF, VSF

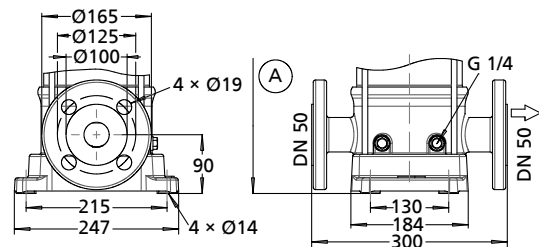


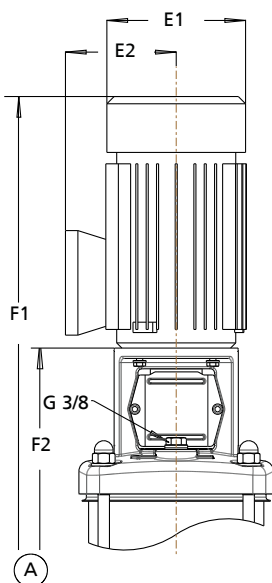
Fig. 41: Conexiones Movitec VCF

Tabla 22: Dimensiones

Número de etapas	P _N	E1	E2	p	Movitec			
					V(S) ³² , V(S)V, V(S)T		V(C/S)F	
					F1	F2	F1	F2
[kW]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
1	2,2	200	148	-	653	372	663	382
2	4,0	248	168	-	738	382	748	392
3	5,5	288	197	300	935	503	945	513
4	7,5	288	197	300	976	544	986	554
5	11,0	340	223	350	1148	615	1158	625
6	11,0	340	223	350	1189	656	1199	666
7	15,0	340	223	350	1230	697	1240	707
8	15,0	340	223	350	1271	738	1281	748
9	15,0	340	223	350	1312	779	1322	789
10	18,5	340	223	350	1353	820	1363	830
11	18,5	340	223	350	1394	861	1404	871

³² Disponible con máx. 7 etapas

Movitec 25(L)B, n = 1750 rpm



V(C/S)F

Versión de brida de motor con
perforación roscada

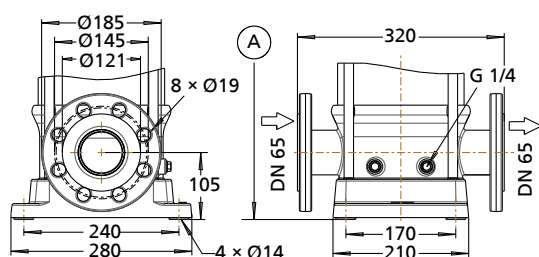


Fig. 42: Conexiones Movitec VF, VSF

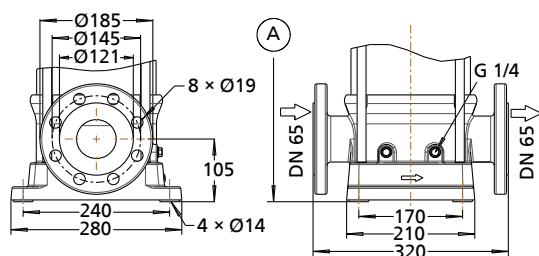
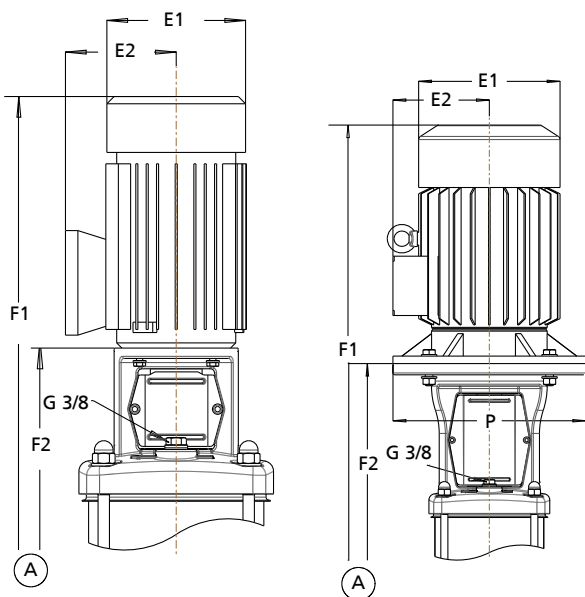


Fig. 43: Conexiones Movitec VCF

Tabla 23: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	Movitec	
				V(C/S)F	
				F1 [mm]	F2 [mm]
1	1,1	180	145	683	408
2	1,1	180	145	748	473
3	1,1	180	145	813	538
4	1,5	180	145	903	603
5	2,2	200	155	991	673
6	2,2	200	155	1056	738
7	3,0	200	155	1165	803
8	3,0	200	155	1230	868
9	4,0	233	166	1248	933
10	4,0	233	166	1313	998
11	4,0	233	166	1378	1063
12	4,0	233	166	1443	1128

Movitec 25(L)B, n = 3500 rpm



V(C/S)F

Versión de brida de motor con perforaciones roscadas

V(C/S)F

Versión de brida de motor con perforaciones de paso

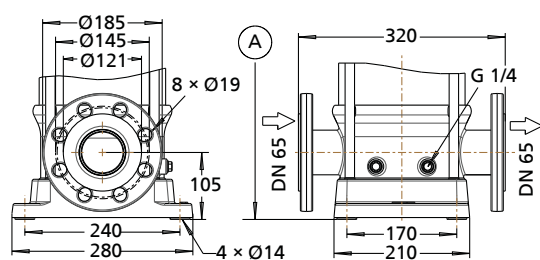


Fig. 44: Conexiones Movitec VF, VSF

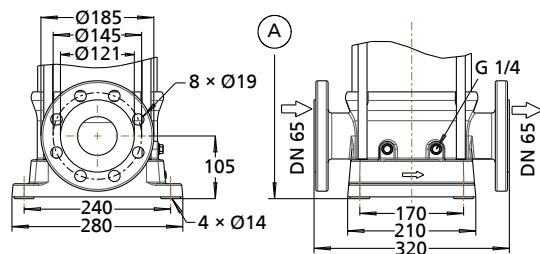


Fig. 45: Conexiones Movitec VCF

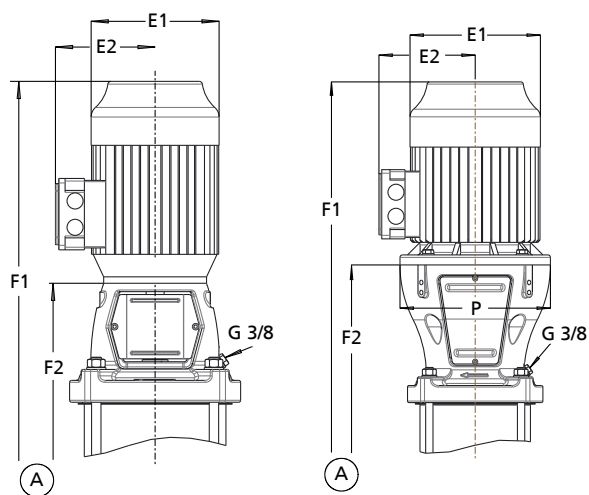
Tabla 24: Dimensiones (versión de brida de motor con perforaciones roscadas)

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	P [mm]	Movitec	
					V(C/S)F	
					F1 [mm]	F2 [mm]
1	3,0	200	155	-	731	413
2	7,5	260	190	-	969	569

Tabla 25: Dimensiones (versión de brida de motor con perforaciones de paso)

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	P [mm]	Movitec	
					V(C/S)F	
					F1 [mm]	F2 [mm]
3	11,0	315	260	300	1168	664
4	15,0	315	260	300	1233	729
5	15,0	315	260	350	1298	794
6	18,5	315	265	350	1407	859
7	22,0	360	275	350	1499	924

Movitec 40(L)B, n = 1750 rpm



V(C/S)F
Versión Motor V18

V(C/S)F
Versión Motor V1

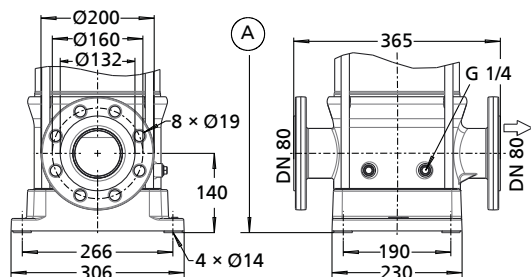


Fig. 46: Conexiones Movitec VF, VSF

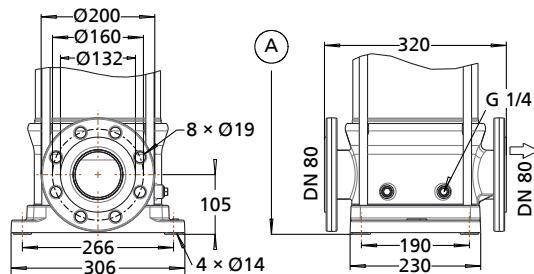


Fig. 47: Conexiones Movitec VF, VSF - Sustitución

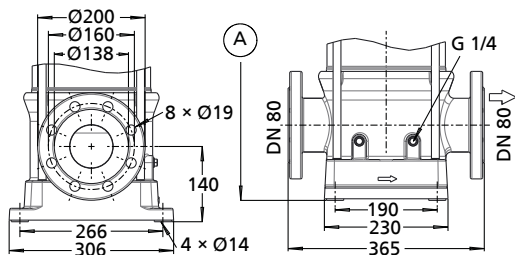


Fig. 48: Conexiones Movitec VCF

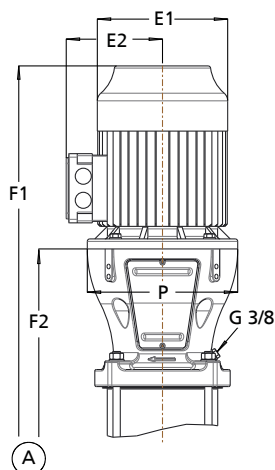
Tabla 26: Dimensiones (versión del motor V18)

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	P [mm]	Movitec V(C/S)F	
					F1	F2
					[mm]	[mm]
2	2,2	200	155	-	883	565
3	3,0	200	155	-	1005	643
4	4,0	233	166	-	721	721
5	4,0	233	166	-	790	790

Tabla 27: Dimensiones (versión del motor V1)

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	P [mm]	Movitec V(C/S)F	
					F1	F2
					[mm]	[mm]
6	5,5	260	190	350	1367	967
7	5,5	260	190	350	1445	1045
8	7,5	260	190	350	1558	1123
9	7,5	260	190	350	1636	1201
10	7,5	260	190	350	1714	1279

Movitec 40(L)B, n = 3500 rpm



V(C/S)F
Versión Motor V1

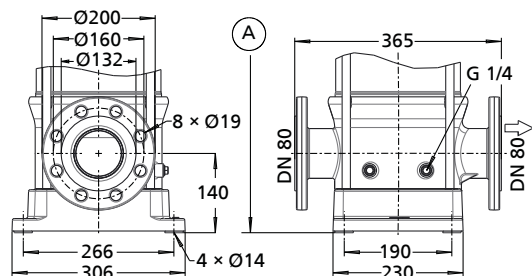


Fig. 49: Conexiones Movitec VF, VSF (PN 16, PN 25)

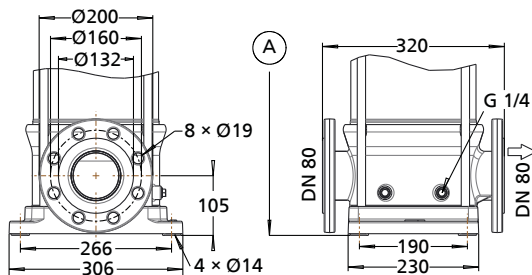


Fig. 50: Conexiones Movitec VF, VSF (PN 16, PN 25 – Sustitución)

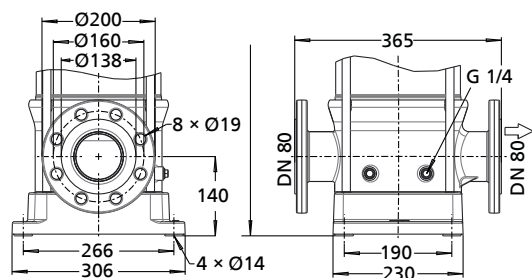


Fig. 51: Conexiones Movitec VF, VSF (PN 40)

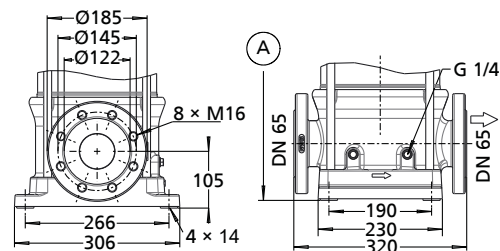


Fig. 52: Conexiones Movitec VCF (DN 65)

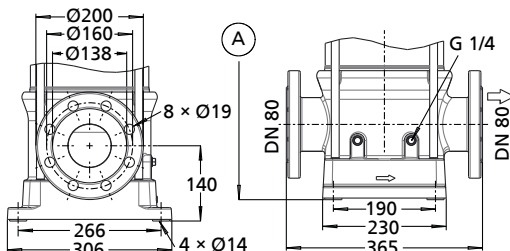


Fig. 53: Conexiones Movitec VCF (DN 80)

Tabla 28: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	P [mm]	Movitec	
					V(C/S)F	
					F1 [mm]	F2 [mm]
1-1	5,5	260	190	-	979	577
1	7,5	260	190	-	977	577
2-2	11,0	315	260	300	1189	685
2	15,0	315	260	300	1189	685
3-2	18,5	315	265	350	1311	763
3	18,5	315	265	350	1311	763
4-2	22,0	360	275	350	1416	841
4	30,0	400	340	350	1511	841
5-2	30,0	400	340	350	1589	919
5	30,0	400	340	350	1589	919
6-2	37,0	400	340	350	1667	997
6	37,0	400	340	350	1667	997

Movitec 60B, n = 1750 rpm

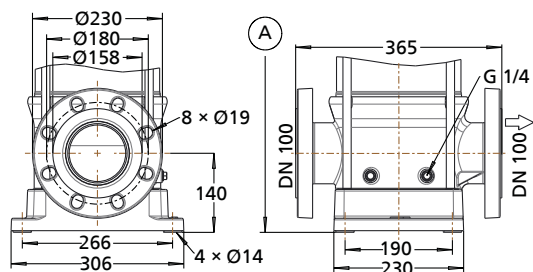
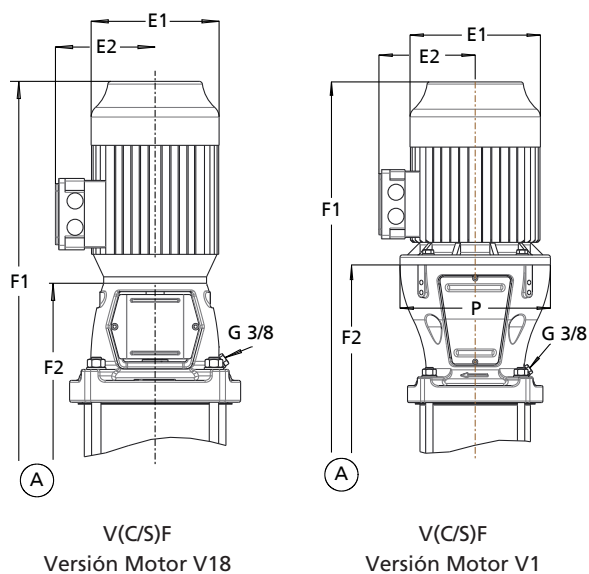


Fig. 54: Conexiones Movitec VF, VSF

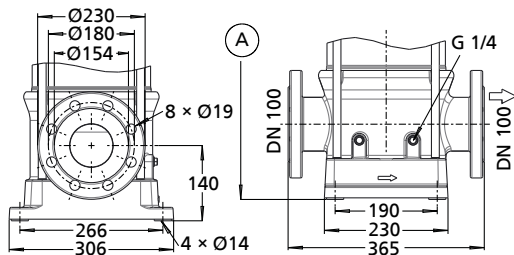


Fig. 55: Conexiones Movitec VCF

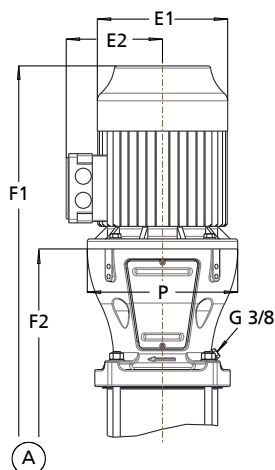
Tabla 29: Dimensiones (versión del motor V18)

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	P [mm]	Movitec	
					V(C/S)F	
					F1 [mm]	F2 [mm]
2	3,0	200	155	-	927	565
3	4,0	233	166	-	958	643

Tabla 30: Dimensiones (versión del motor V1)

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	P [mm]	Movitec	
					V(C/S)F	
					F1 [mm]	F2 [mm]
4	5,5	260	190	300	1211	811
5	5,5	260	190	300	1289	889
6	7,5	260	190	350	1402	967
7	7,5	260	190	350	1510	1075

Movitec 60B, n = 3500 rpm



V(C/S)F
Versión Motor V1

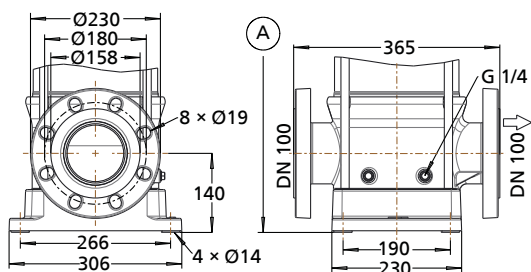


Fig. 56: Conexiones Movitec VF, VSF (PN 16)

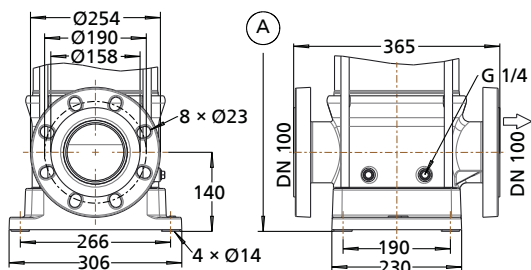


Fig. 57: Conexiones Movitec VF, VSF (PN 25, PN 40)

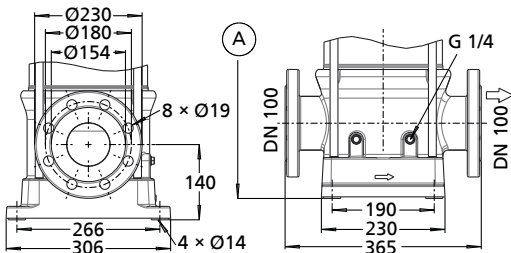


Fig. 58: Conexiones Movitec VCF (PN 16)

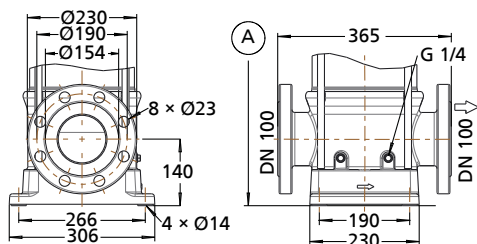


Fig. 59: Conexiones Movitec VCF (PN 25, PN 40)

Tabla 31: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	P [mm]	Movitec V(C/S)F	
					F1	F2
					[mm]	[mm]
1-1	7,5	260	190	-	977	577
1	11,0	315	260	300	1111	607
2-2	15,0	315	260	300	1189	685
2	18,5	315	265	350	1233	685
3-2	22,0	360	275	350	1338	763
3	30,0	400	340	350	1433	763
4-2	30,0	400	340	350	1511	841
4	37,0	400	340	350	1511	841
5-2	45,0	450	365	350	1629	919
5	45,0	450	365	400	1629	919

Movitec 90B, n = 1750 rpm

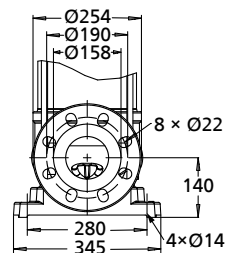
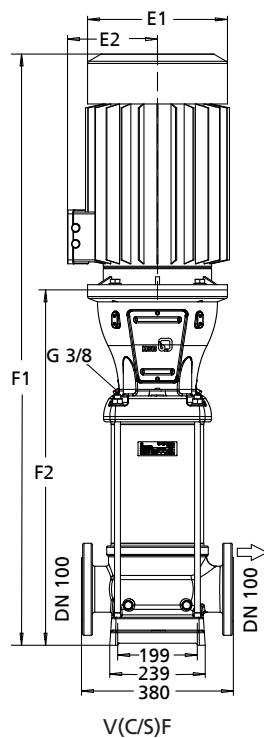


Fig. 63: Conexiones Movitec VCF (PN 25, PN 40)

Tabla 32: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	Movitec			
				V(S)F		VCF	
				F1 [mm]	F2 [mm]	F1 [mm]	F2 [mm]
3-1	5,5	360	275	1434	859	1434	859
3	5,5	400	340	1529	859	1529	859
4-2	5,5	450	365	1678	968	1678	968

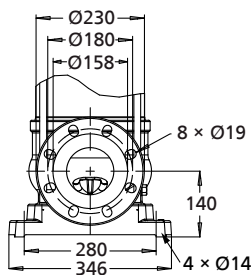


Fig. 60: Conexiones Movitec VF, VSF (PN 16)

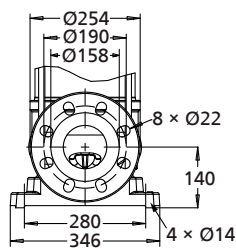


Fig. 61: Conexiones Movitec VF, VSF (PN 25, PN 40)

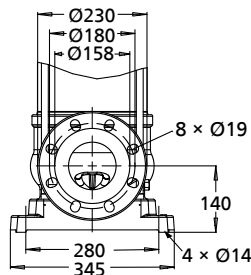


Fig. 62: Conexiones Movitec VCF (PN 16)

Movitec 90B, n = 3500 rpm

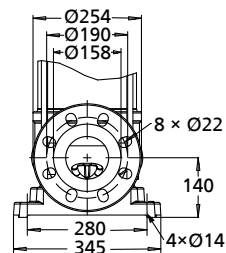
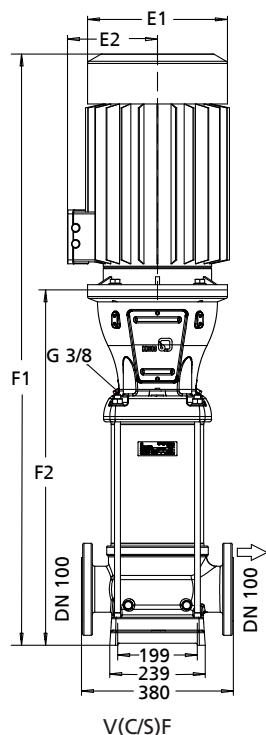


Fig. 67: Conexiones Movitec VCF (PN 25, PN 40)

Tabla 33: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	Movitec			
				VF, VSF		VCF	
				F1 [mm]	F2 [mm]	F1 [mm]	F2 [mm]
1-1	7,5	315	260	1145	641	1145	641
1	11,0	315	260	1145	641	1145	641
2-2	15,0	315	265	1328	780	1328	780
2-1	18,5	360	275	1355	780	1355	780
2	22,0	400	340	1450	780	1450	780
3-2	30,0	400	340	1559	889	1559	889
3-1	30,0	400	340	1559	889	1559	889
3	37,0	450	365	1599	889	1599	889
4-2	45,0	450	365	1708	998	1708	998

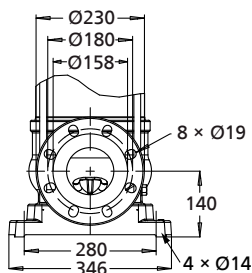


Fig. 64: Conexiones Movitec VF, VSF (PN 16)

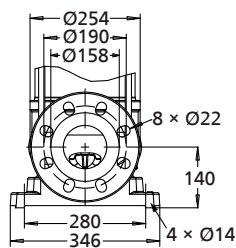


Fig. 65: Conexiones Movitec VF, VSF (PN 25, PN 40)

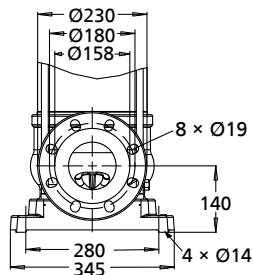


Fig. 66: Conexiones Movitec VCF (PN 16)

Movitec 125B, n = 3500 rpm

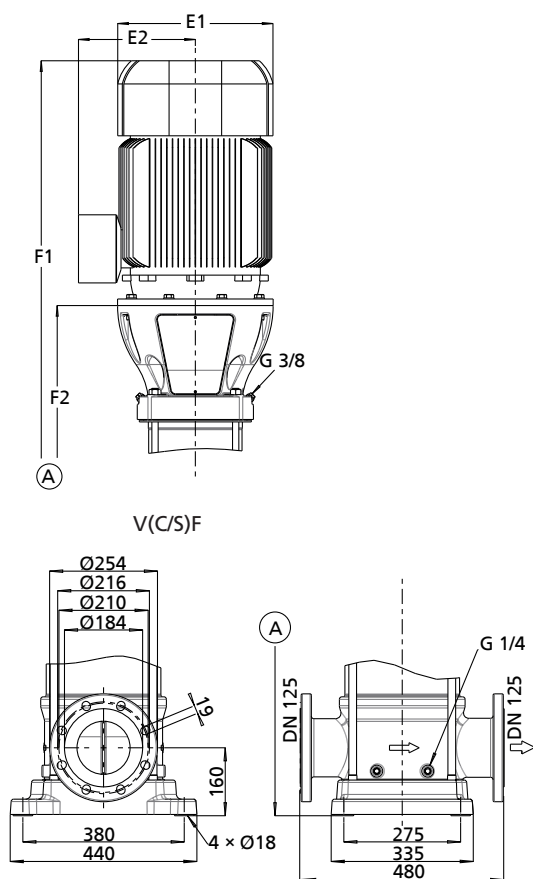


Fig. 68: Movitec VF, VSF, VCF; PN 16

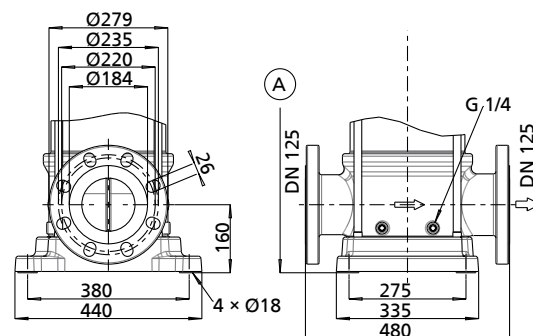


Fig. 69: Movitec VF, VSF, VCF; PN 25/40

Tabla 34: Dimensiones

Número de etapas	P _N [kW]	E1 [mm]	E2 [mm]	Movitec	
				V(C/S)F	
				F1 [mm]	F2 [mm]
1	22,0	360	275	1315	740
2-2	30,0	400	340	1537	867
2	45,0	450	365	1577	867

Movitec LHS, n = 3500 rpm

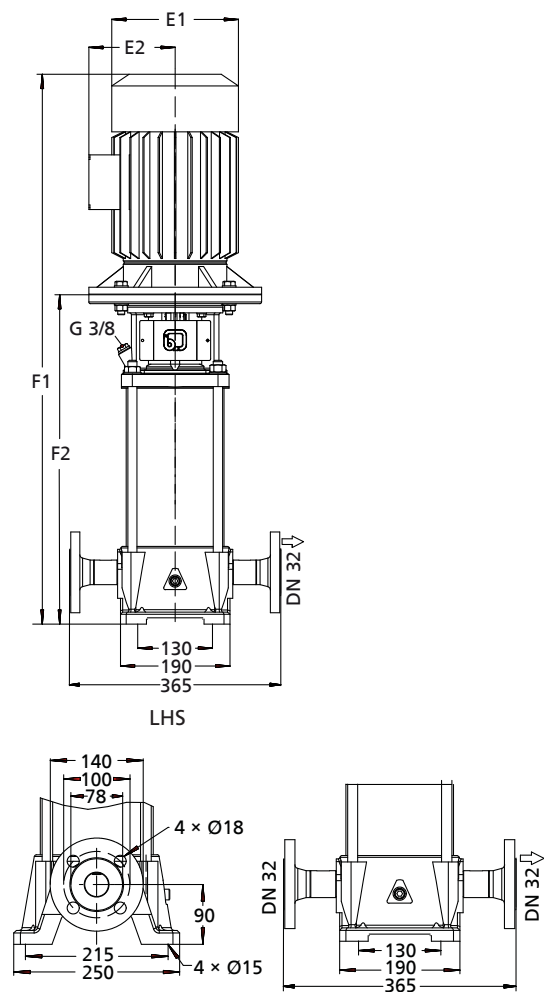


Fig. 70: Conexiones de Movitec LHS

Tabla 35: Dimensiones

Número de etapas	E1	E2	F1	F2
	[mm]	[mm]	[mm]	[mm]
8	288	197	971	539
10	340	223	1162	629
12	340	223	1221	688
14	340	223	1281	748