

POMPE SUBMERSIBILE DE CANALIZARE (DL) CU TOCATOR (DL W/C) DIN FONTA



Rotor deschis doua canale



Rotor monocanal deschis cu tocator



Rotor semi-deschis, fara infundare

APLICATII

- Ideale pentru ape uzate ce contin solide usoare sau fibroase;
- Drenarea apei uzate industriale.

CARACTERISTICI TEHNICE

- Monocanal fara infundare, dublu canal deschis, rotor semi-deschis fara infundare ce previne infundarea cu materii fibroase;
- Gama de modele de la 65 la 300 mm dimensiuni de refulare si putere de pana la 45 kW (DL).

DATE TEHNICE

- Temperatura maxima a lichidului: 40 °C;
- Dimensiunile maxime ale solidelor vehiculate:
 - 46 mm (65DL, 65DL W/C);
 - 46 mm (80DL, toate DLC, 8- DL W/C);
 - 57 mm (100DL, 100DLB, 100 DL W/C, 100 DLB W/C);
 - 68 mm (150DL pana la 22 kW);
 - 73 mm (200DL pana la 22 kW);
 - 76 mm (toate modelele 30÷45 kW);
 - 79 mm (250DL pana la 22 kW);
 - 88 mm (300DL pana la 22kW);
- Lungimea maxima a fibrelor:

- 195 mm (65DL, 65DL W/C)
 240 mm (80DL, toate DLC, 80DL W/C);
 300 mm (100DL, 100DLB. 100DL W/C);
 400 mm (150DL de la 5.5 la 45 kW);
 500 mm (200DL pana la 45 kW);
 550 mm (250DL pana la 45 kW);
 600 mm (300DL pana la 45 kW);
- Flanse: DN65, DN80, DN100, DN150, DN200, DN250, DN300 (DL), DN65, DN80, DN100 (DL W/C).
 - Motor submersibil uscar umplut cu aer, 4 poli;
 - Clasa de izolare F;
 - Grad de protectie IP68;
 - curent trifazat:
- 380-415 $\pm$ 10%, 50 Hz (1.5÷7.5 kW) (DL si DL W/C);
 400-415 $\pm$ 10%, 50 Hz (pornire Δ 11-22 kW) (DL);
 380-415 $\pm$ 10%, 50 Hz (pornire Δ 30-45 kW) (DL);
- putere pana la 45 kW (DL), pana la 7.5 kW (DL W/C).

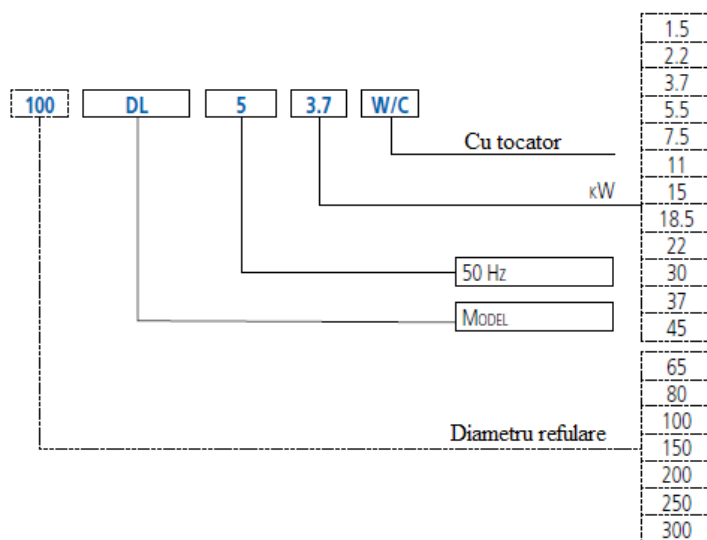
MATERIALE

- Carcasa pompei, rotor cu tocator (DL W/C), rotor Vortex (DLC si DLB), cot din fonta
- Ax din AISI 403;
- Etansare mecanica: SiC/SiC/NBR (partea pompei), Carbon/Ceramica/NBR (partea motorului).

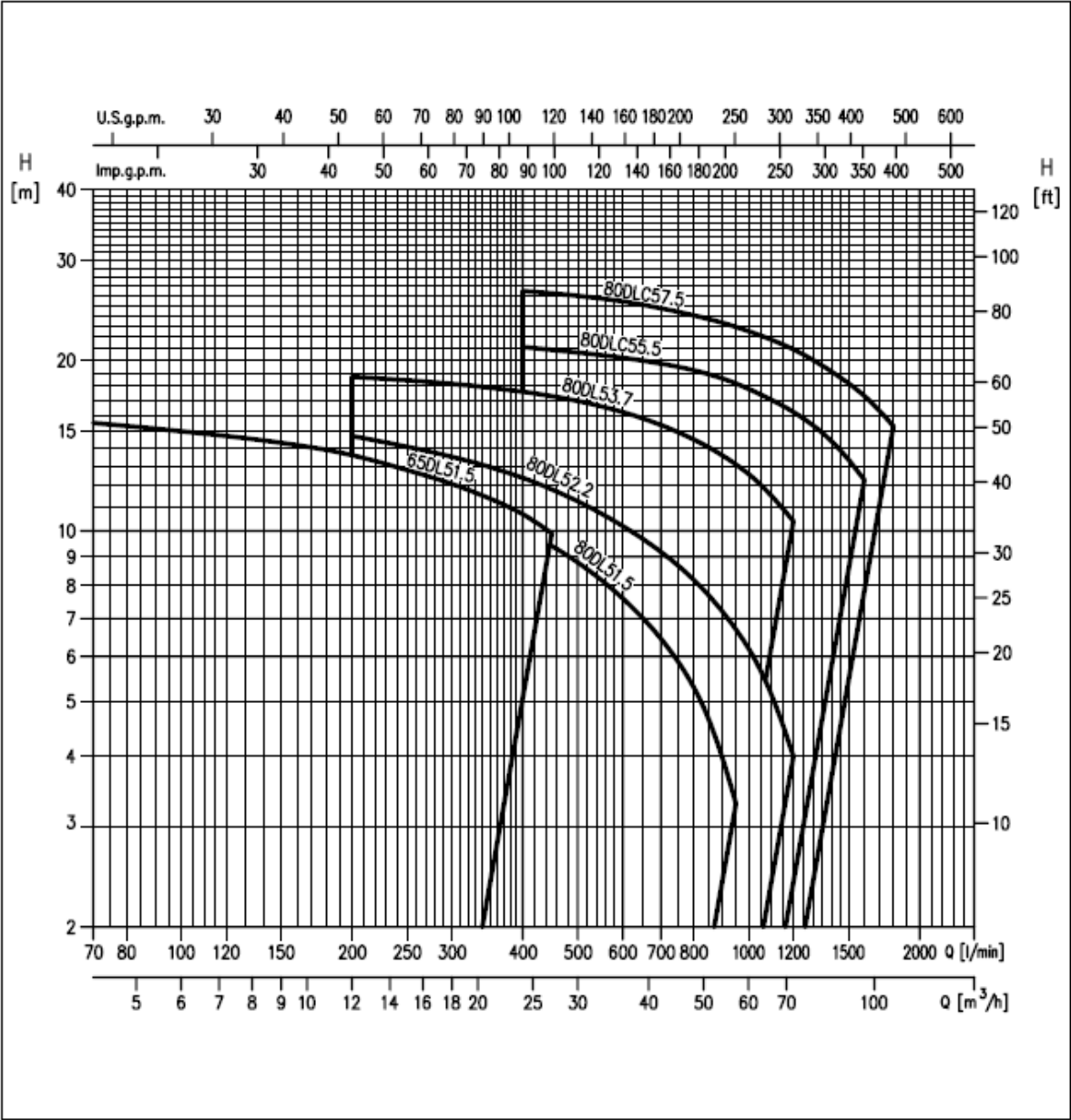
ACCESORII (la cerere)

Pentru accesorii, vezi pagina 151.

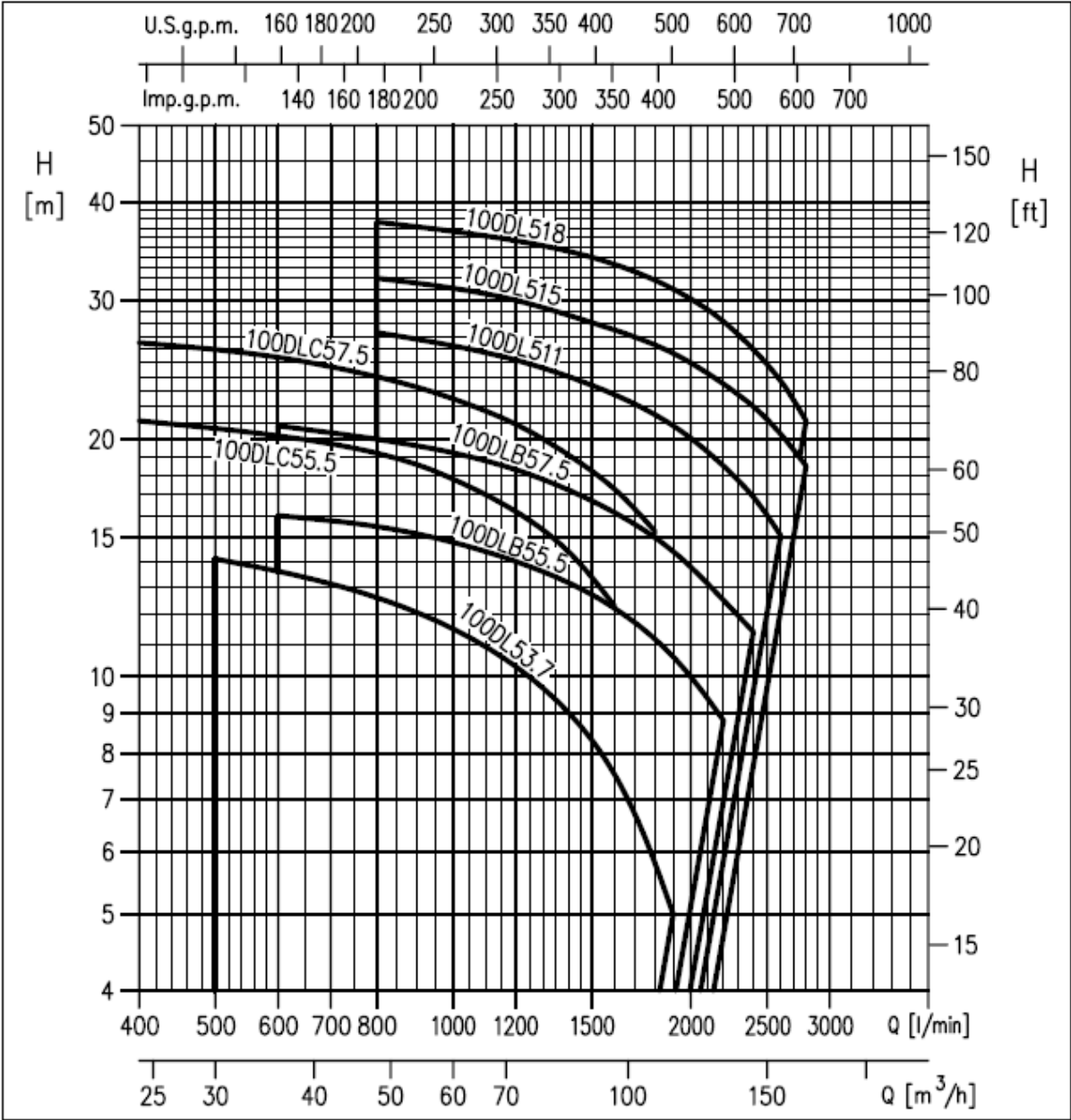
COD DE IDENTIFICARE POMPA



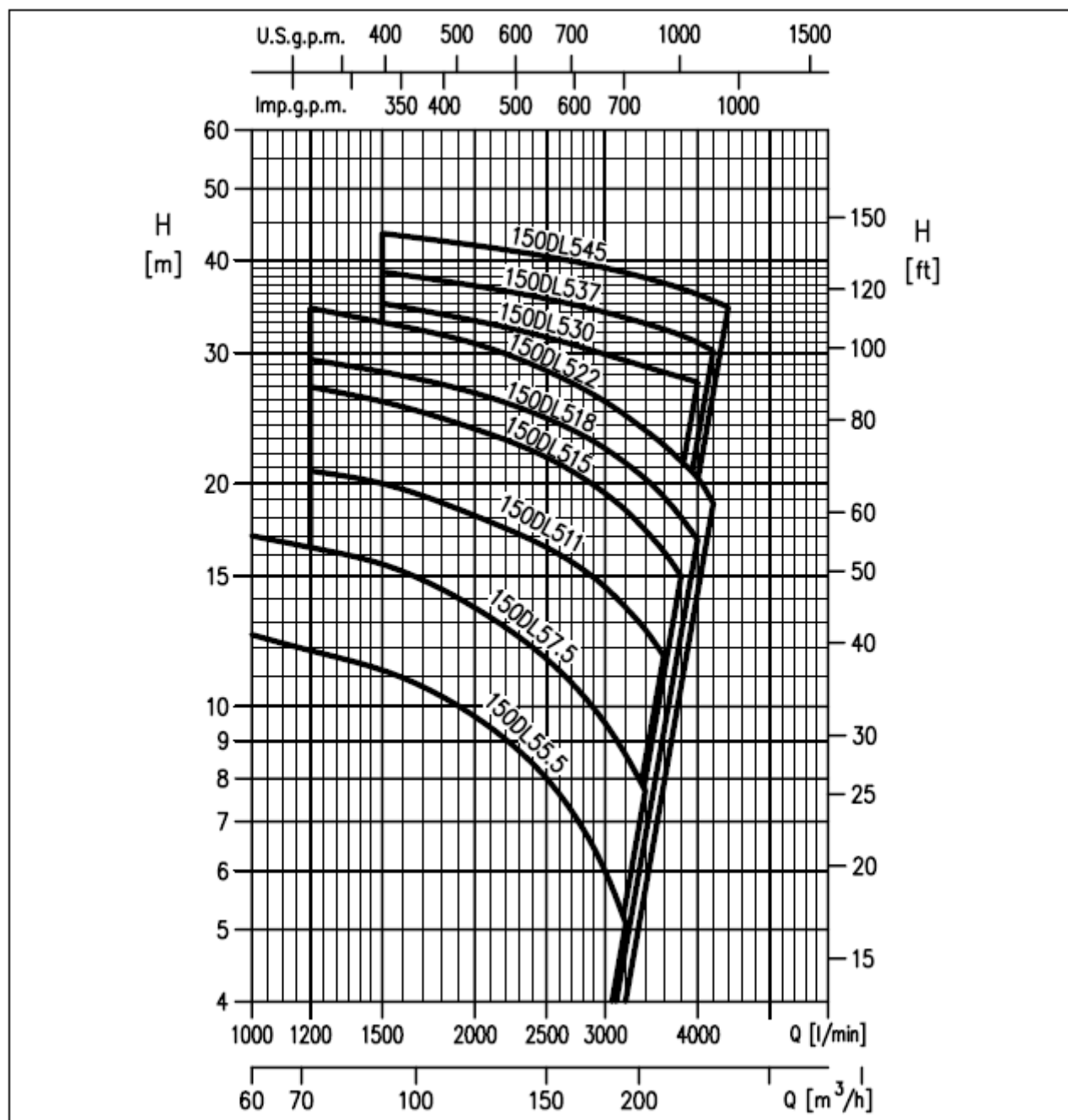
GAME DE PERFORMANTA
65-80DL (per ISO 9906 Anexa A)



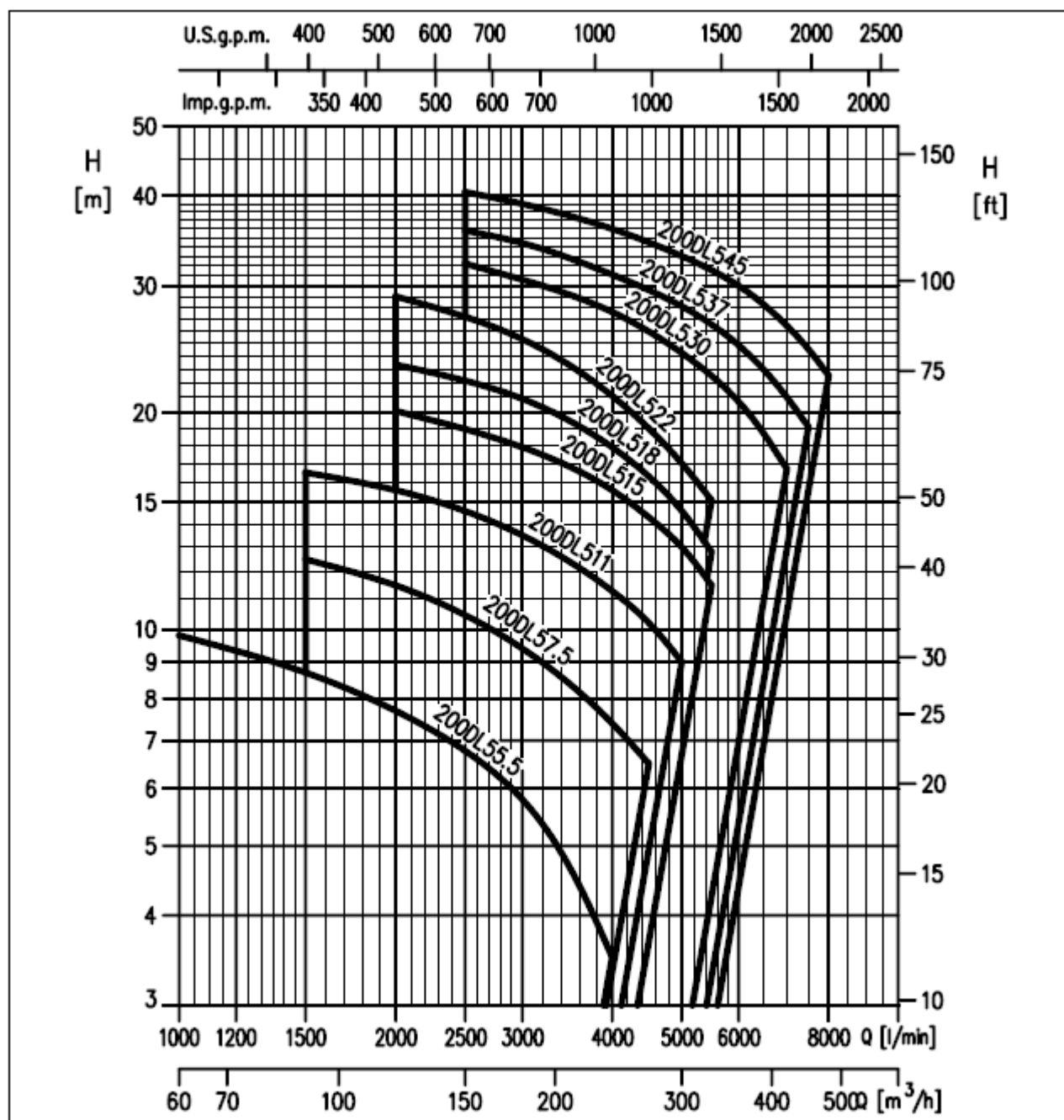
100DL (per ISO 9906 Anexa A)



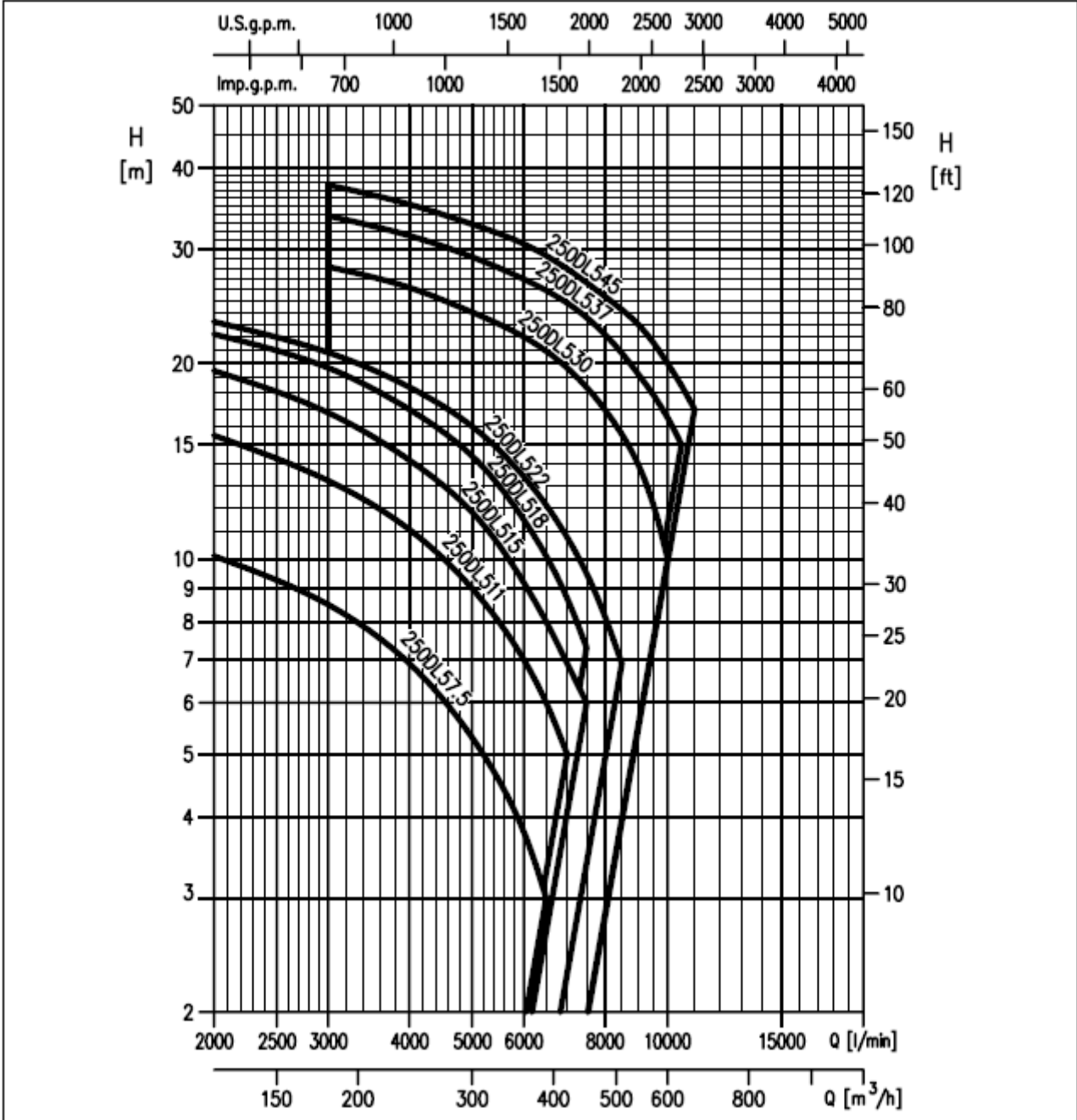
150DL (per ISO 9906 Anexa A)



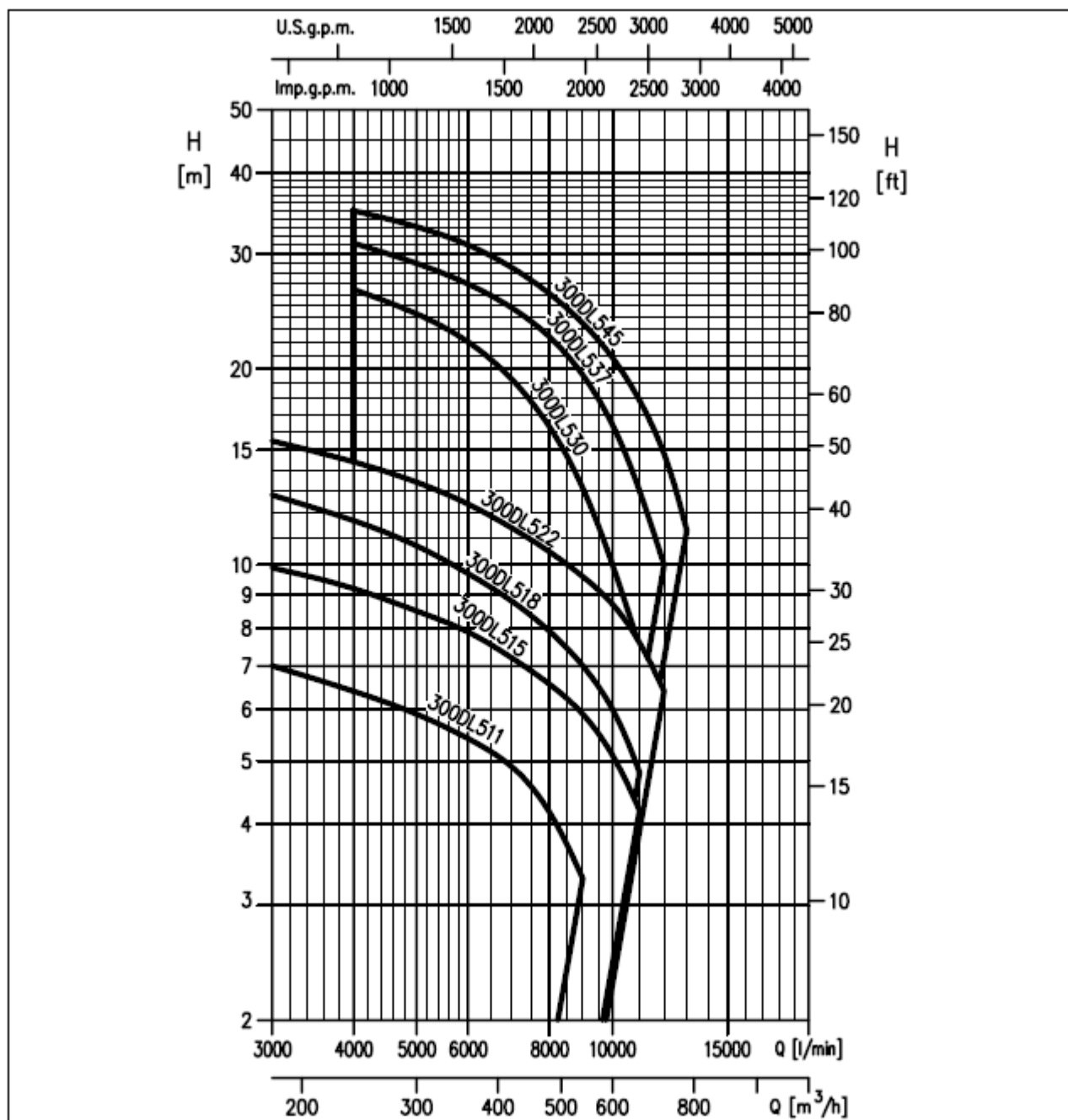
200DL (per ISO 9906 Anexa A)



250DL (per ISO 9906 Anexa A)



300DL (per ISO 9906 Anexa A)



TABEL PERFORMANTA 65-80DL

Model	P ₂		Q = Debit													
	[HP]	[kW]	l/min	70	150	200	400	450	600	800	950	1000	1200	1400	1600	1800
			m³/h	4	9	12	24	27	36	48	57	60	72	84	96	108
			H = Inaltime [m]													
65DL51.5	2	1.5	15.5	14.3	13.6	10.7	9.9	-	-	-	-	-	-	-	-	
80DL51.5	2	1.5	-	-	12.2	10.0	9.4	7.6	5.3	3.3	-	-	-	-	-	
80DL52.2	3	2.2	-	-	14.7	12.4	11.8	10.2	8.2	6.7	6.2	4.0	-	-	-	
80DL53.7	5	3.7	-	-	18.7	17.6	17.3	16.2	14.5	13.1	12.6	10.4	-	-	-	
80DLC55.5	7.5	5.5	-	-	-	21.1	20.9	20.2	19.2	18.2	17.8	16.2	14.4	12.3	-	
80DLC57.5	10	7.5	-	-	-	26.5	26.3	25.4	24.0	22.9	22.5	20.9	19.1	17.3	15.3	

TABEL PERFORMANTA 100DL

Model	P ₂		Q = Debit													
	[HP]	[kW]	l/min	400	500	600	800	1200	1500	1600	1800	1900	2200	2400	2600	2800
			m³/h	24	30	36	48	72	90	96	108	114	132	144	156	168
			H = Inaltime [m]													
100DLC55.5	7.5	5.5	21.1	20.7	20.2	19.2	16.2	13.3	12.3	-	-	-	-	-	-	
100DLC57.5	10	7.5	26.5	25.9	25.4	24.0	20.9	18.3	17.3	15.3	-	-	-	-	-	
100DL53.7	5	3.7	-	14.1	13.6	12.6	10.3	8.3	7.5	5.9	5.0	-	-	-	-	
100DLB55.5	7.5	5.5	-	-	16.0	15.5	14.0	12.7	12.2	11.1	10.6	8.8	-	-	-	
100DLB57.5	10	7.5	-	-	20.8	20.0	18.3	16.7	16.1	15.1	15.0	12.5	11.4	-	-	
100DL511	15	11	-	-	-	27.3	25.2	23.4	22.8	21.5	20.8	18.5	16.9	15.1	-	
100DL515	20	15	-	-	-	32.0	30.0	28.1	27.6	26.4	25.7	23.5	22.0	20.3	18.5	
100DL518.5	25	18.5	-	-	-	37.7	35.7	34.0	33.4	31.9	31.0	28.2	26.0	23.7	21.1	

TABEL PERFORMANTA 150DL

Model 2000	P ₂		Q = Debit											l/min				1000	1200	1500
	2500 [HP]	3000 [kW]	3200	3400	3500	3600	3800	4000	4200	4400										
			m³/h	60	72	90	120	150	180	192	204	210	216	228	240	252	264			
			H = Inaltime [m]																	
150DL55.5	7.5	5.5		12.5	11.9	11.2	9.7	8.0	6.0	5.1	-	-	-	-	-	-	-			
150DL57.5	10	7.5		17.0	16.4	15.2	13.6	11.6	9.5	8.6	7.7	-	-	-	-	-	-			
150DL511	15	11		-	20.8	20.0	18.1	16.4	14.5	13.6	12.7	12.2	11.7	-	-	-	-			
150DL515	20	15		-	27.0	25.8	23.7	21.7	19.4	18.4	17.3	16.8	16.2	15.0	-	-	-			
150DL518.5	25	18.5		-	29.4	28.3	26.5	24.5	22.3	21.3	20.3	19.8	19.2	18.0	16.8	-	-			
150DL522	30	22		-	34.5	33.0	30.9	28.4	25.8	24.7	23.6	23.0	22.4	21.2	20.5	18.8	-			
150DL530	40	30		-	-	35.0	33.2	31.5	29.9	29.3	28.8	28.5	28.3	27.8	27.4	-	-			
150DL537	50	37		-	-	38.6	37.0	35.5	34.1	33.5	32.9	32.6	32.3	31.7	31.0	30.2	-			
150DL545	60	45		-	-	43.5	42.0	40.5	39.1	38.5	37.9	37.6	37.3	36.7	36.0	35.3	34.6			

TABEL PERFORMANTA 200DL

Model	P ₂		Q = Debit													
	[HP]	[kW]	l/min	1000	1500	2000	2500	3000	4000	4500	5000	5500	6000	7000	7500	8000
			m³/h	60	90	120	150	180	240	270	300	330	360	420	450	480
			H = Inaltime [m]													
200DL55.5	7.5	5.5	9.8	8.7	7.7	6.8	5.8	3.5	-	-	-	-	-	-	-	
200DL57.5	10	7.5	-	12.5	11.5	10.5	9.4	7.4	6.5	-	-	-	-	-	-	
200DL511	15	11	-	16.5	15.6	14.6	13.5	11.3	10.2	9.0	-	-	-	-	-	
200DL515	20	15	-	-	20.1	19.0	17.9	15.6	14.3	13.0	11.5	-	-	-	-	
200DL518.5	25	18.5	-	-	23.3	22.2	20.9	17.9	16.3	14.6	12.8	-	-	-	-	
200DL522	30	22	-	-	29.0	27.2	25.3	21.1	19.0	17.0	15.1	-	-	-	-	
200DL530	40	30	-	-	-	32.2	30.6	27.6	25.9	24.2	22.5	20.7	16.7	-	-	
200DL537	50	37	-	-	-	35.8	34.4	31.1	29.6	28.1	26.5	24.8	21.0	19.1	-	
200DL545	60	45	-	-	-	40.5	39.0	36.0	34.5	33.0	31.5	30.0	26.4	24.5	22.5	

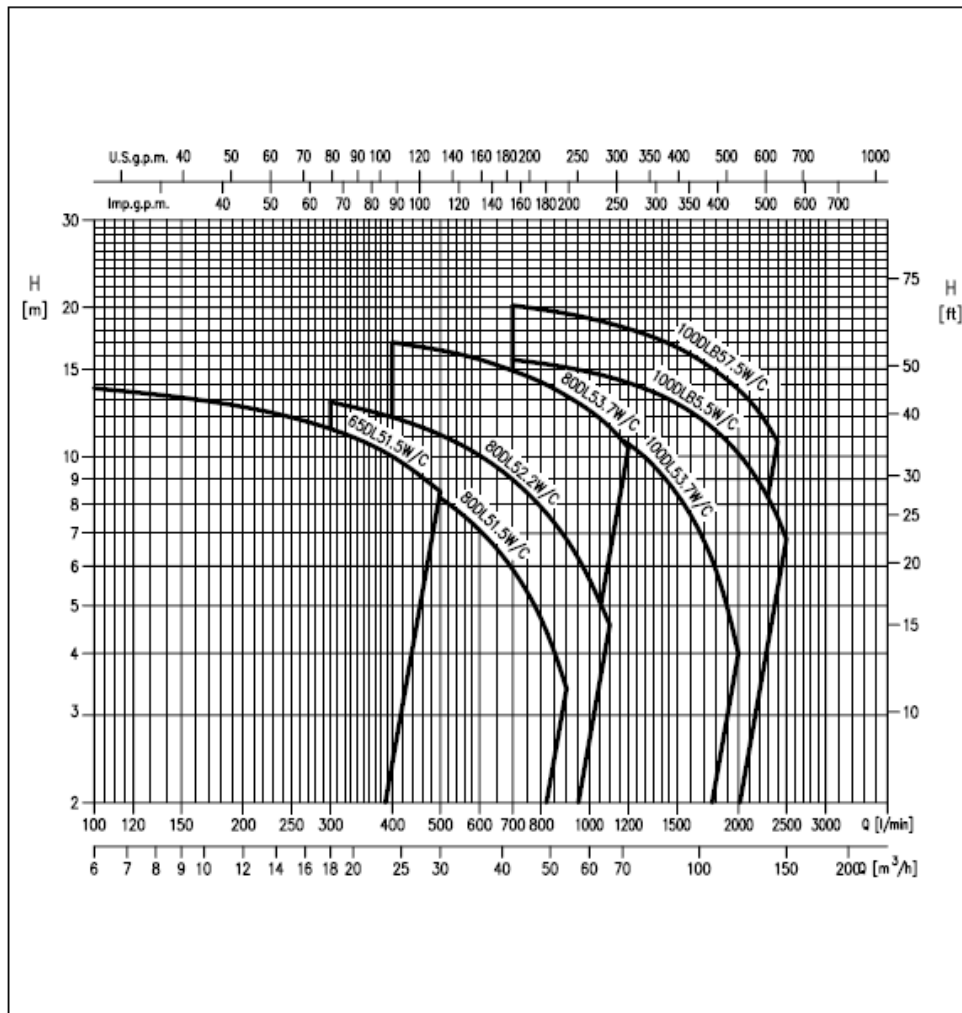
TABEL PERFORMANTA 250DL

Model	P ₂		Q = Debit														
	[HP]	[kW]	l/min	2000	3000	4000	5000	6000	6500	7000	7500	8000	8500	9000	10000	10500	11000
			m³/h	120	180	240	300	360	390	420	450	480	510	540	600	630	660
			H = Inaltime [m]														
250DL57.5	10	7.5	10.1	8.5	6.9	5.3	3.8	3.0	-	-	-	-	-	-	-	-	-
250DL511	15	11	15.5	13.2	11.1	9.0	7.0	6.0	5.0	-	-	-	-	-	-	-	-
250DL515	20	15	19.5	16.8	14.2	11.8	9.2	8.0	6.9	6.0	-	-	-	-	-	-	-
250DL518.5	25	18.5	22.2	19.7	17.0	14.4	11.5	10.1	8.7	7.3	-	-	-	-	-	-	-
250DL522	30	22	23.2	20.8	18.4	16.0	13.4	12.1	10.8	9.5	8.2	6.9	-	-	-	-	-
250DL530	40	30	-	28.2	26.2	24.0	22.0	20.9	19.7	18.4	17.0	15.6	14.0	10.0	-	-	-
250DL537	50	37	-	33.8	31.5	29.2	27.0	25.9	24.8	23.5	22.2	20.8	19.3	16.5	15.0	-	-
250DL545	60	45	-	37.7	35.2	32.8	30.6	29.3	28.0	26.7	25.4	24.2	23.0	20.0	18.5	17.0	-

TABEL PERFORMANTA 300DL

Model	P ₂		Q = Debit											
			l/min	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000
	[HP]	[kW]	m³/h	180	240	300	360	420	480	540	600	660	720	780
			H = Inaltime [m]											
300DL511	15	11		7.0	6.4	5.9	5.5	4.9	4.2	3.3	-	-	-	-
300DL515	20	15		9.9	9.2	8.5	8.0	7.2	6.6	5.9	5.1	4.2	-	-
300DL518.5	25	18.5		12.8	11.7	10.7	9.7	8.8	7.9	7.0	6.0	4.8	-	-
300DL522	30	22		15.5	14.4	13.4	12.4	11.4	10.5	9.6	8.7	7.6	6.4	-
300DL530	40	30		-	26.5	24.4	22.0	19.3	16.3	13.1	10.0	7.5	-	-
300DL537	50	37		-	31.2	29.2	27.0	24.8	22.4	19.6	16.4	13.0	10.0	-
300DL545	60	45		-	35.0	33.1	31.0	28.6	26.1	23.5	20.8	17.9	14.8	11.3

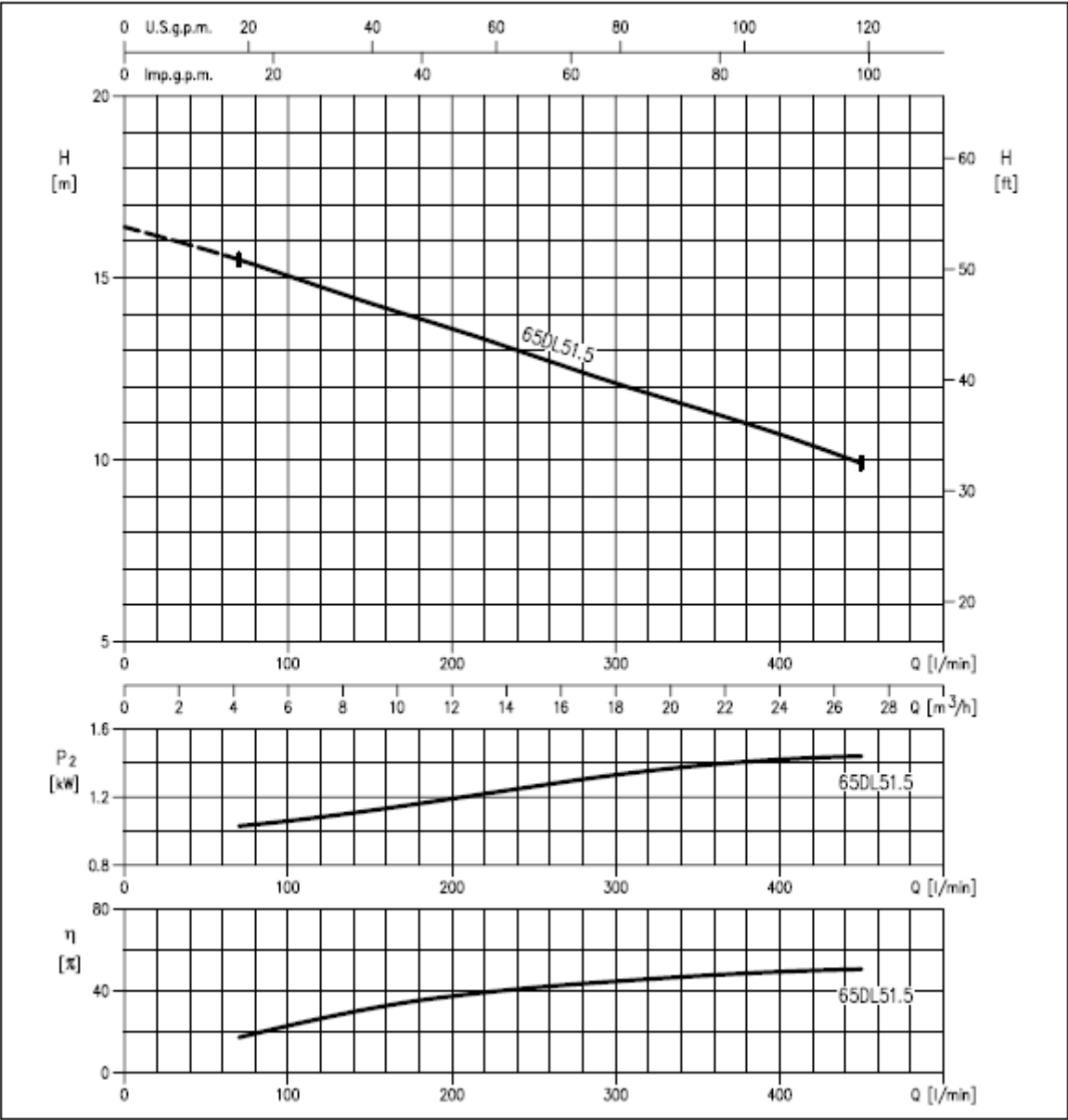
GAMA DE PERFORMANTA DL W/C (CU TOCATOR) (per ISO 9906 Anexa A)



TABEL PERFORMANTA 65-80-100DL W/C (CU TOCATOR)

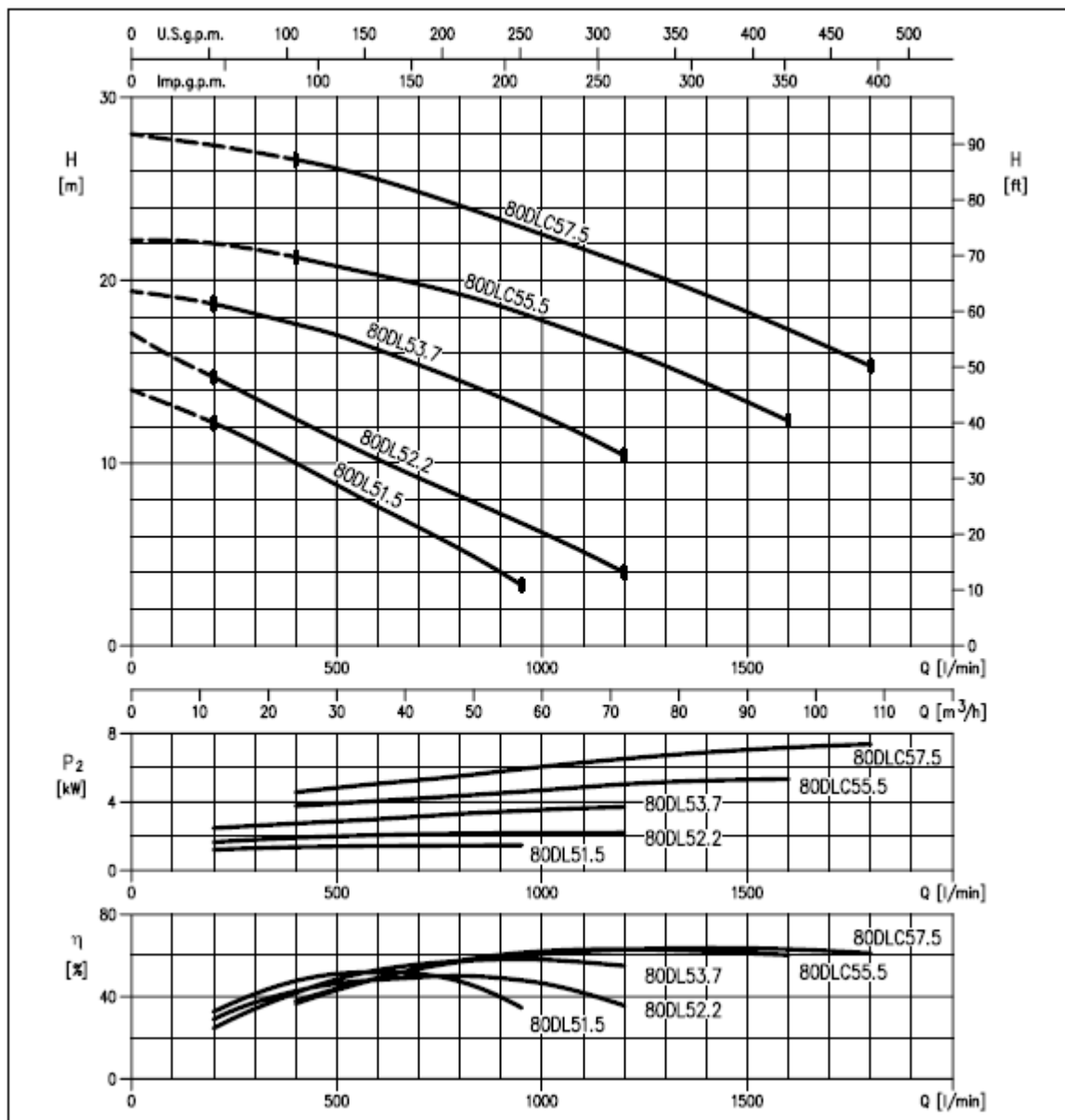
Model	P ₂		Q = Debit															
	[HP]	[kW]	l/min	100	250	300	400	500	700	900	1000	1100	1200	1400	1600	2000	2400	2500
			m³/h	6	15	18	24	30	42	54	60	66	72	84	96	120	144	150
			H = Inaltime [m]															
65DL51.5W/C	2	1.5		13.7	12.0	11.4	10.0	8.5	-	-	-	-	-	-	-	-	-	-
80DL51.5W/C	2	1.5		-	10.7	10.3	9.3	8.2	5.9	3.4		-	-	-	-	-	-	-
80DL52.2W/C	3	2.2		-	-	12.9	12.0	11.1	9.0	6.8	5.7	4.6	-	-	-	-	-	-
80DL53.7W/C	5	3.7		-	-	-	17.0	16.4	14.9	13.4	12.6	11.6	10.4	-	-	-	-	-
100DL53.7W/C	5	3.7		-	-	-	-	14.1	13.1	12.2	11.7	11.2	10.6	9.2	7.6	4.0	-	-
100DLB55.5W/C	7.5	5.5		-	-	-	-	-	15.7	15.1	14.8	14.5	14.1	13.3	12.3	10.1	7.5	6.8
100DLB57.5W/C	10	7.5		-	-	-	-	-	20.2	19.4	19.0	18.6	18.1	17.2	16.1	13.7	10.7	-

CURBA DE PERFORMANTA SERIA 65DL51.5 (1.5 kW) (per ISO 9906 Anexa A)



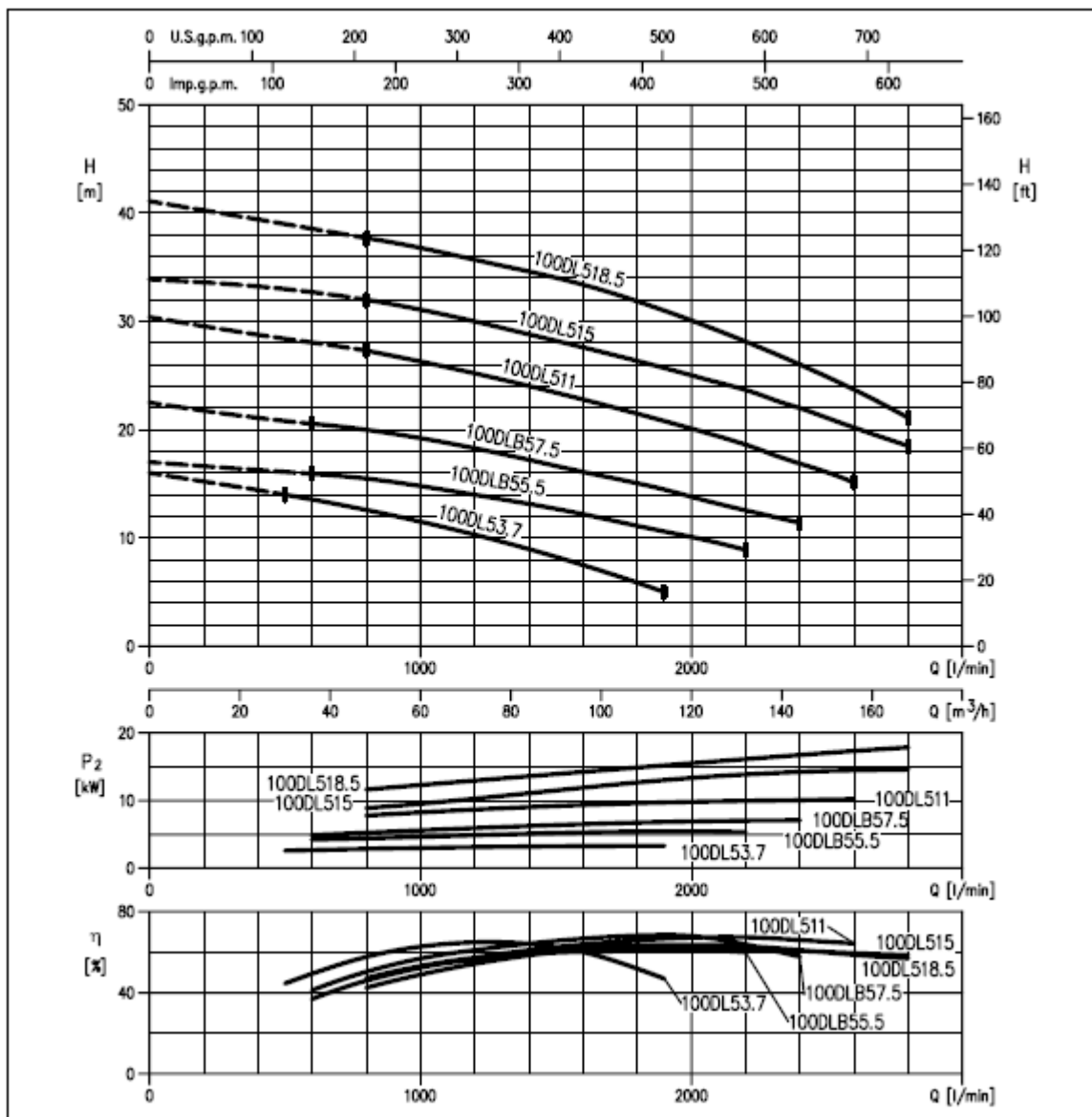
CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

80DL51.5 (1.5 kW), 80DL53.7 (3.7 kW), 80DL52.2 (2.2 kW), 80DLC55.5 (5.5 kW), 80DLC57.5 (7.5 kW)

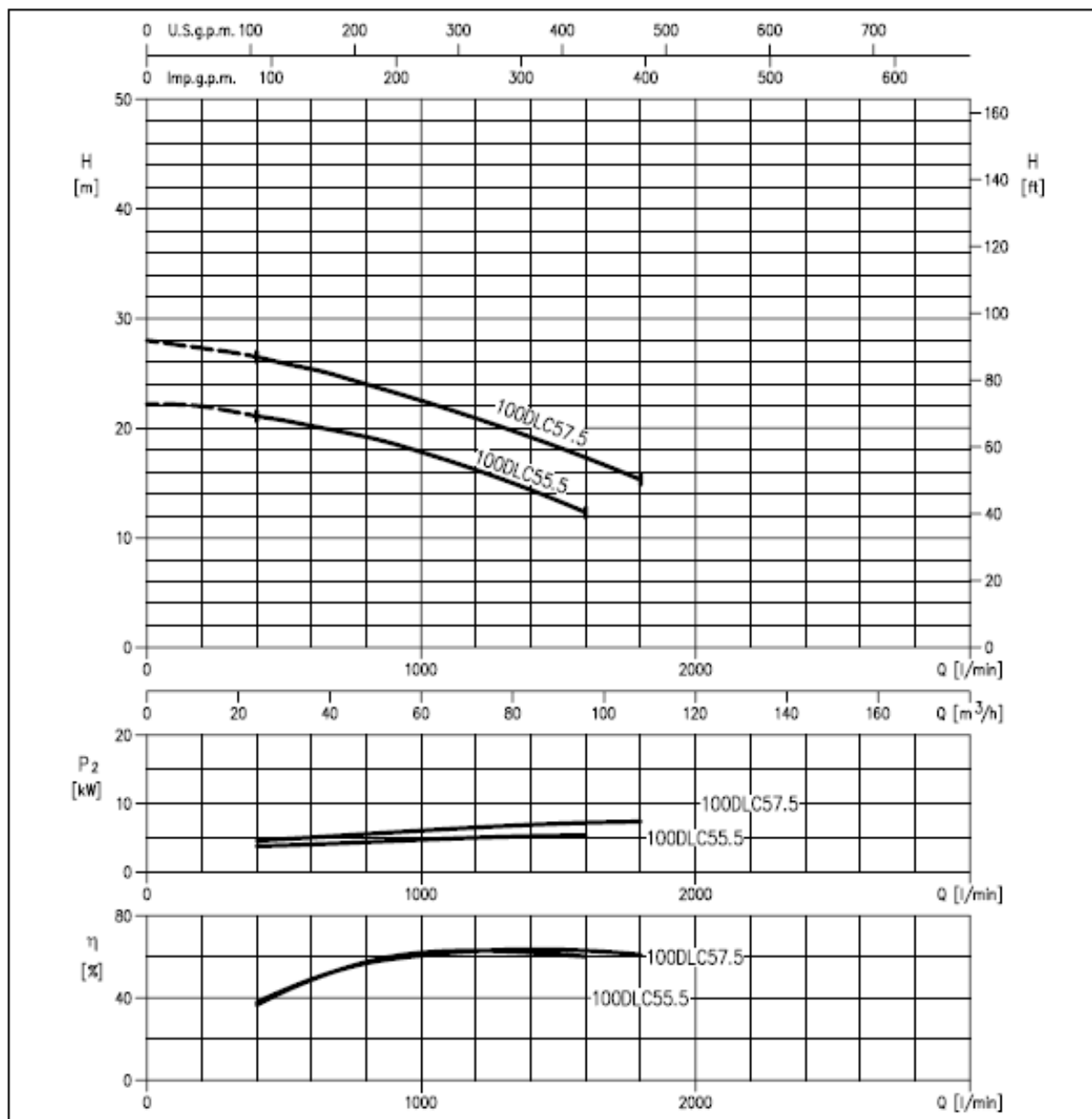


CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

100DL55.5 (5.5 kW), 100DL53.7 (3.7 kW), 100DL57.5 (7.5 kW), 100DL511 (11 kW), 100DLC515 (15 kW), 100DL518.5 (15.5 kW)

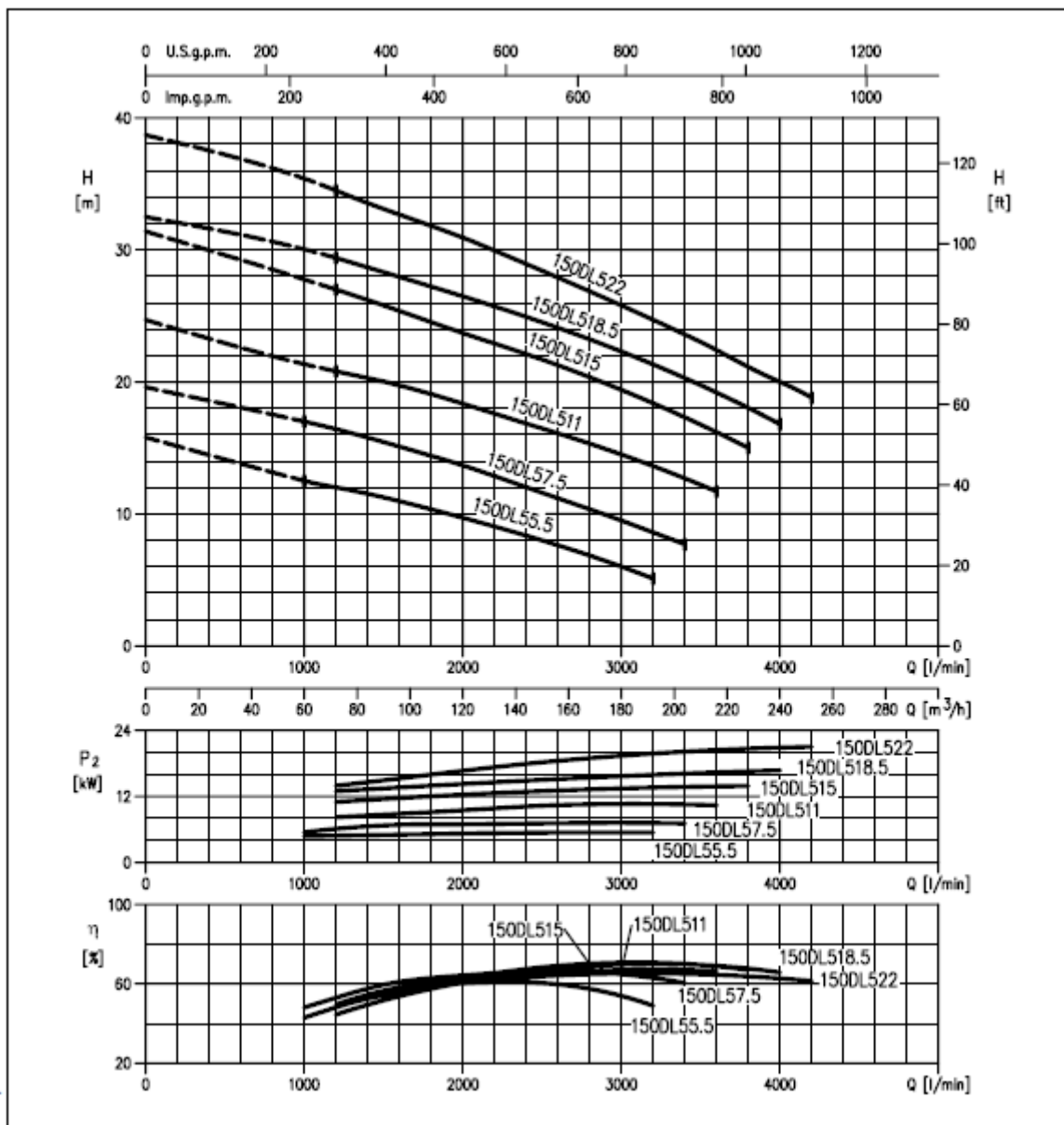


CURBA DE PERFORMANTA (per ISO 9906 Anexa A)
100DL55.5 (5.5 kW), 100DL57.5 (7.5 kW)



CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

150DL55.5 (5.5 kW), 150DL57.5 (7.5 kW), 150DL511 (11kW), 150DL515 (15 kW), 150DL518 (18 kW), 150DL522 (22kW)

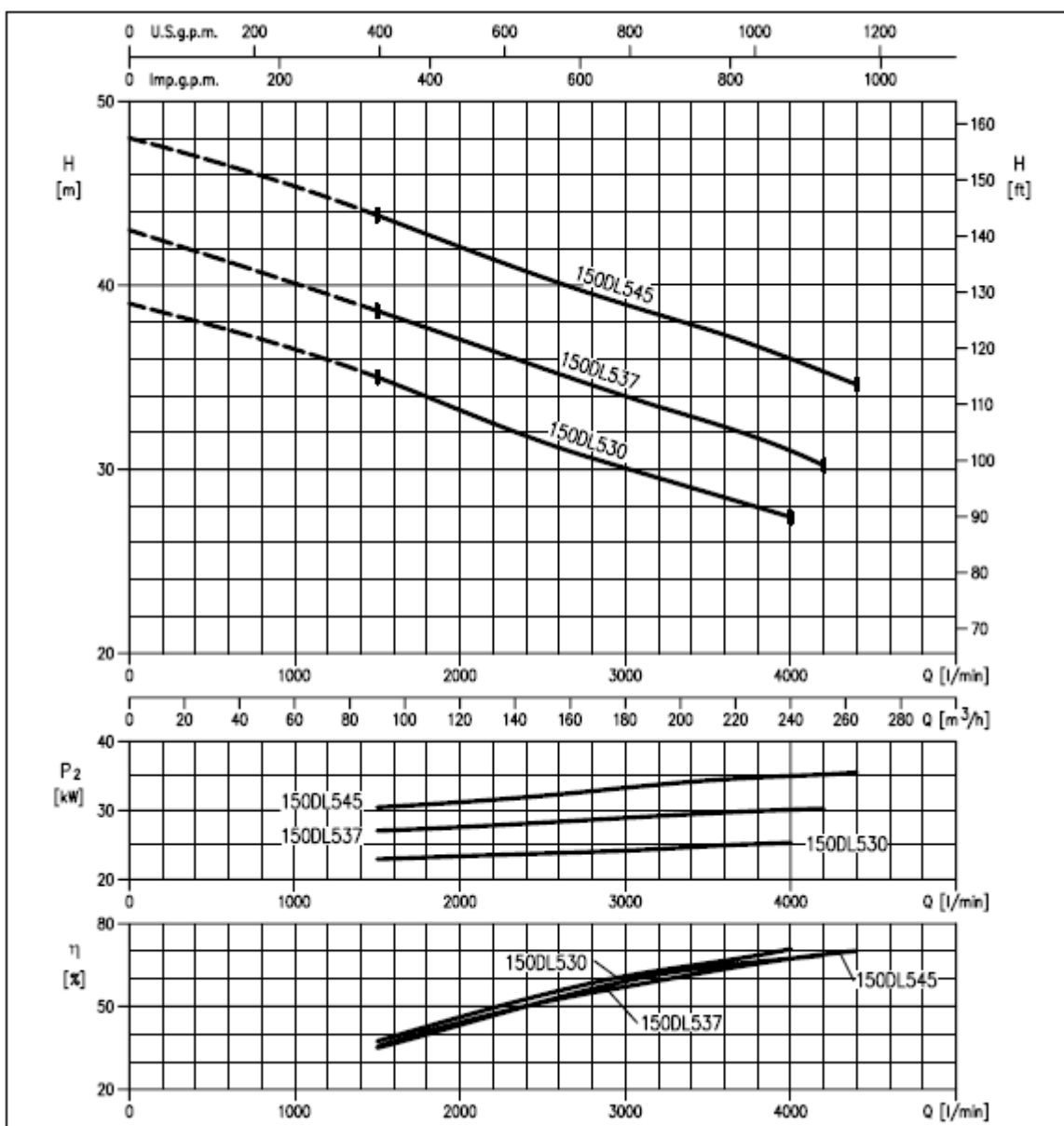


CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

150DL530 (30 kW)

150DL537 (37 kW)

150DL545 (45kW)



CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

200DL55.5 (5.5 kW)

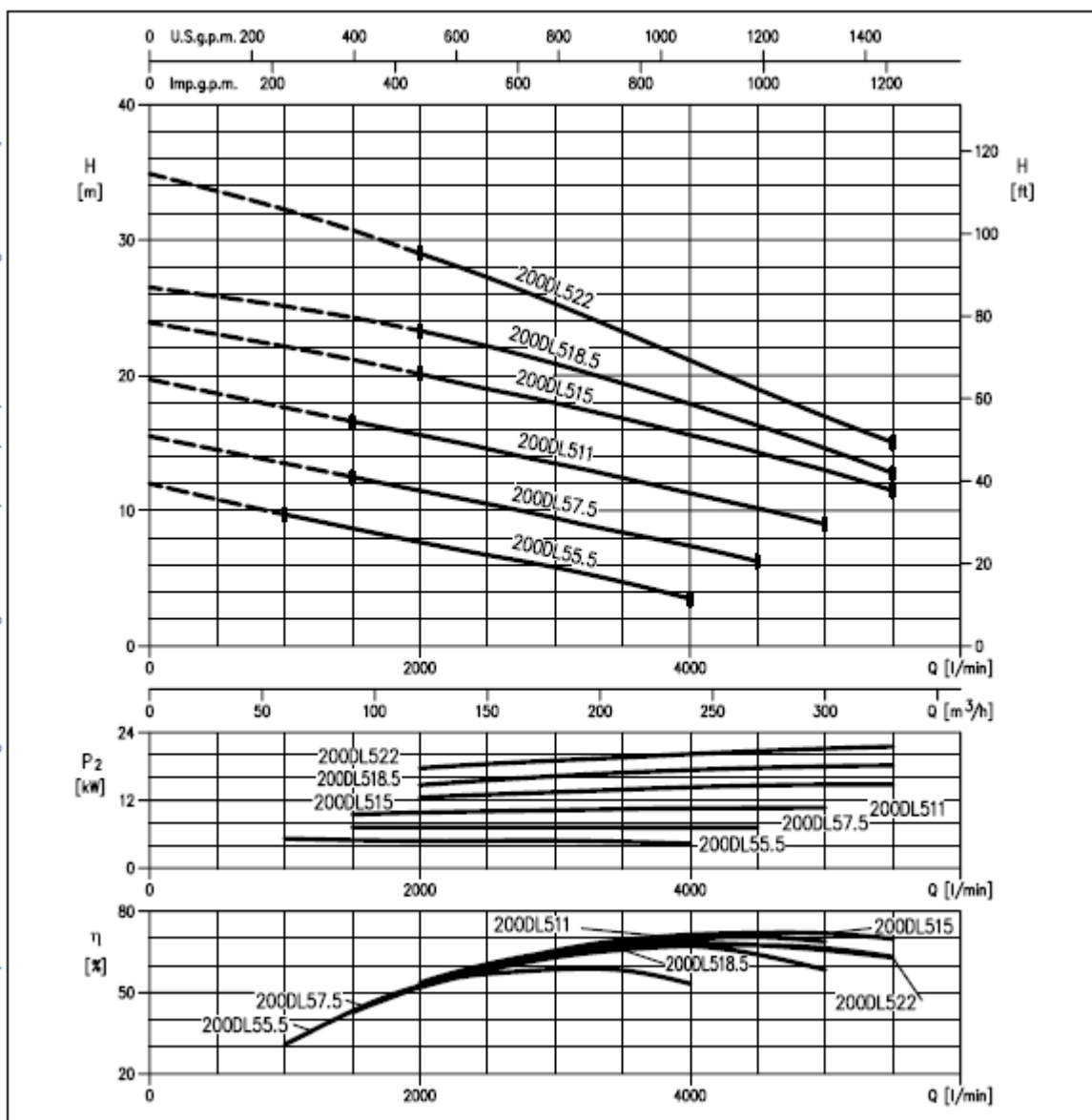
200DL57.5 (7.5 kW)

200DL511 (11 kW)

200DL515 (15 kW)

200DL518.5 (18.5 kW)

200DL522 (22 kW)

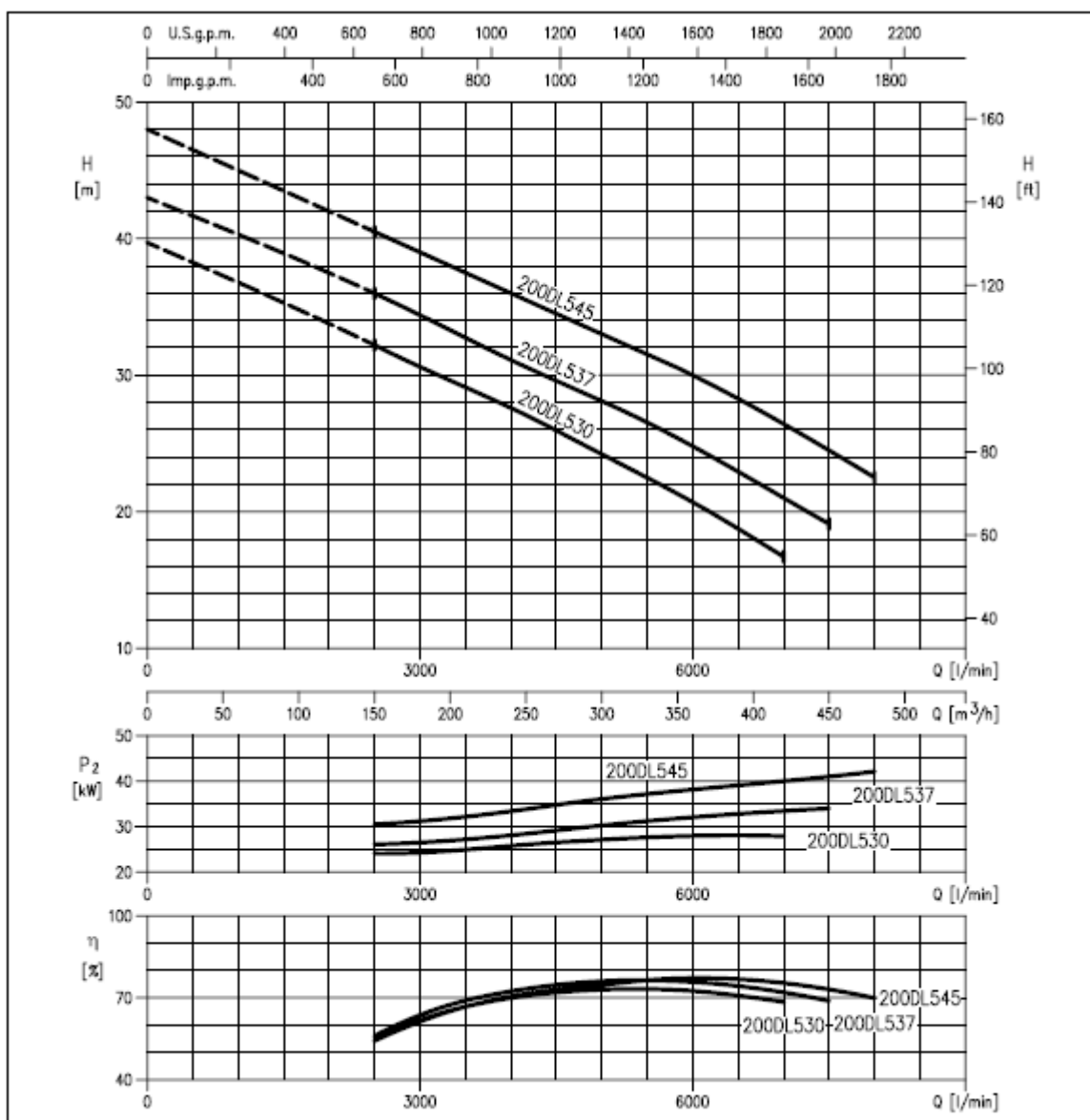


CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

200DL530 (30 kW)

200DL537 (37 kW)

200DL545 (45kW)



CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

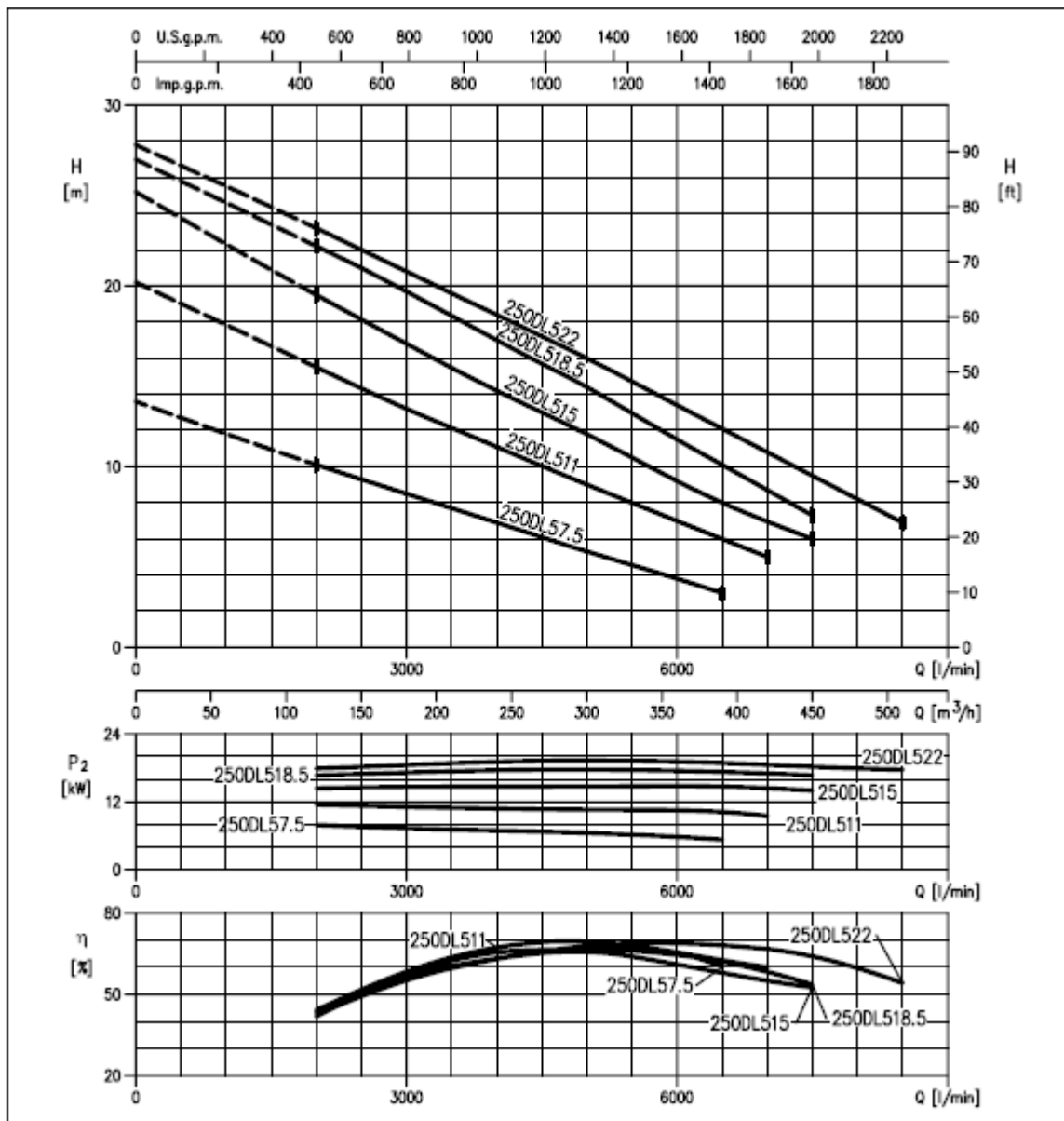
250DL57.5 (7.5 kW)

250DL511 (11 kW)

250DL515 (15 kW)

250DL518.5 (18.5 kW)

250DL522 (22 kW)

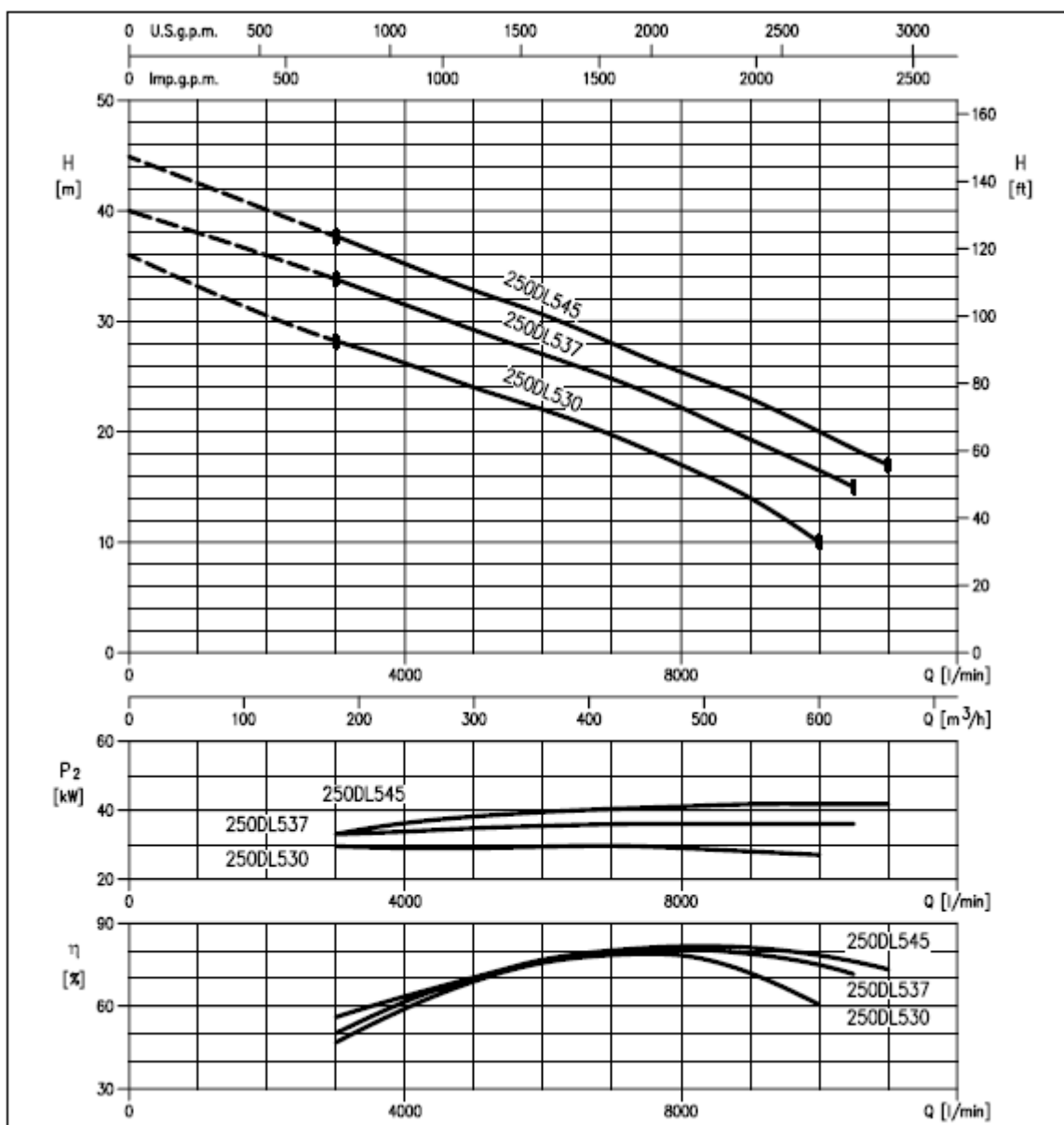


CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

250DL530 (30 kW)

250DL537 (37 kW)

250DL (545 (45 kW)



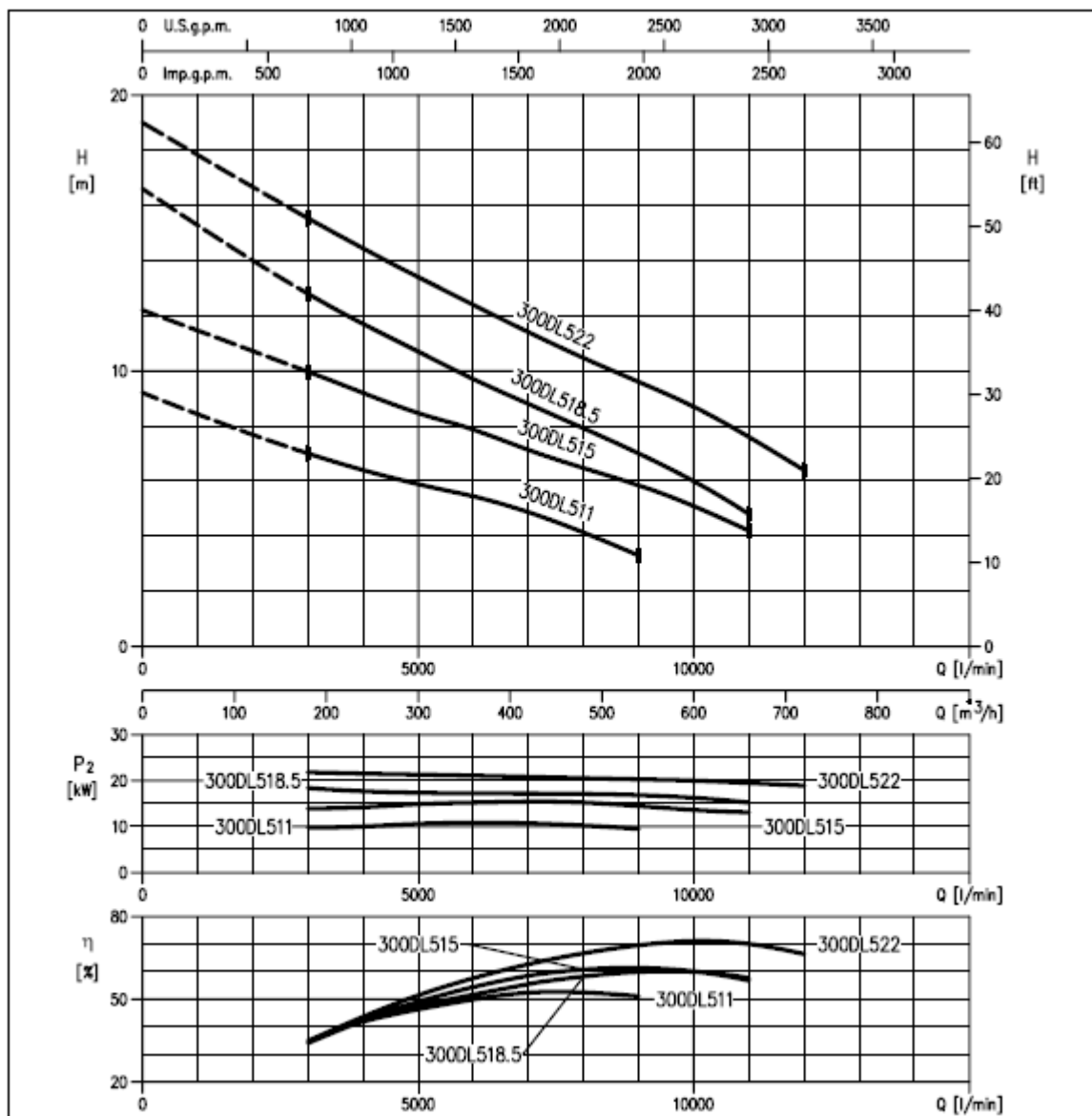
CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

300DL511 (11 kW)

300DL515 (15 kW)

300DL518.5 (18.5 kW)

300DL522 (22 kW)

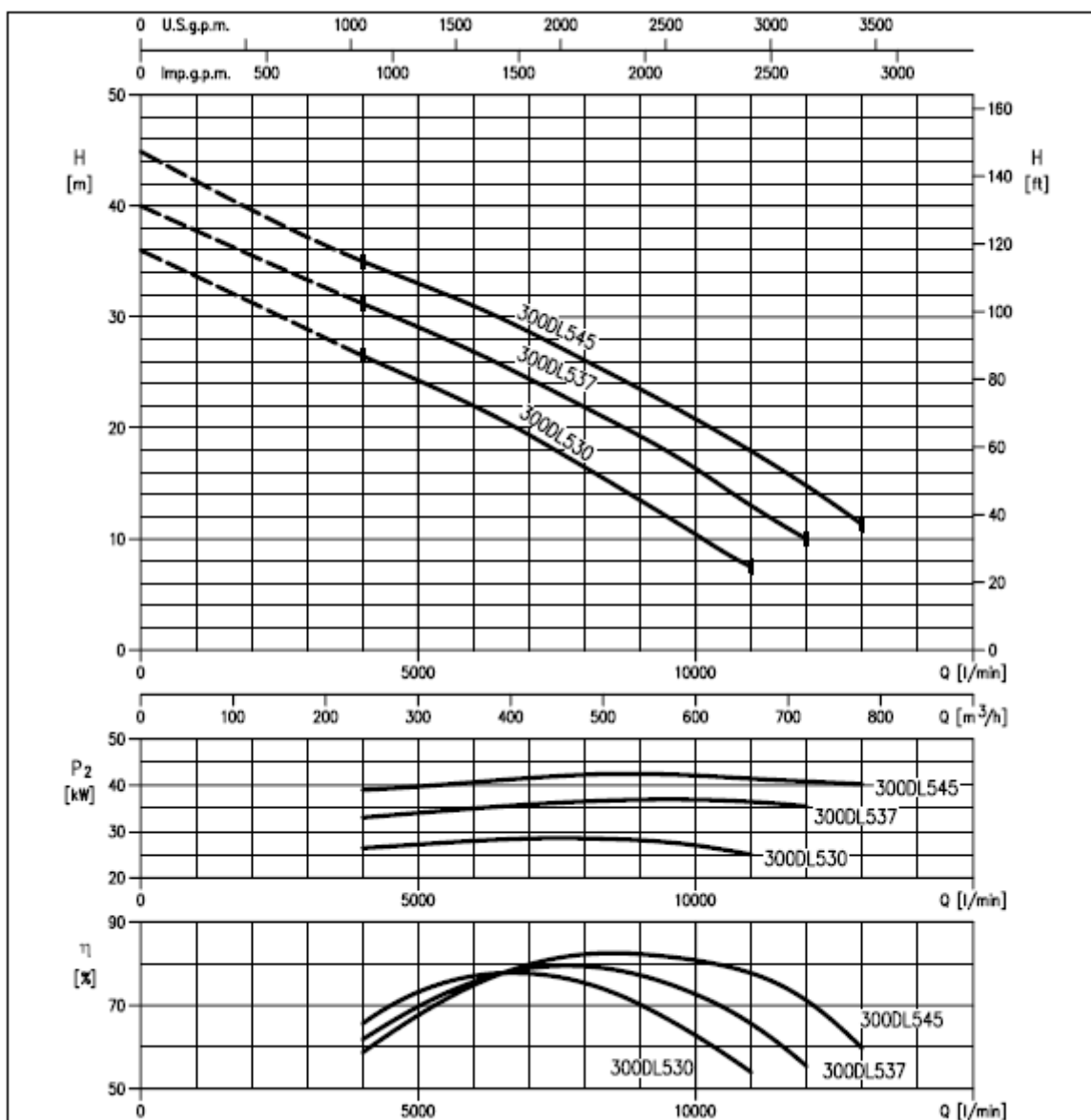


CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

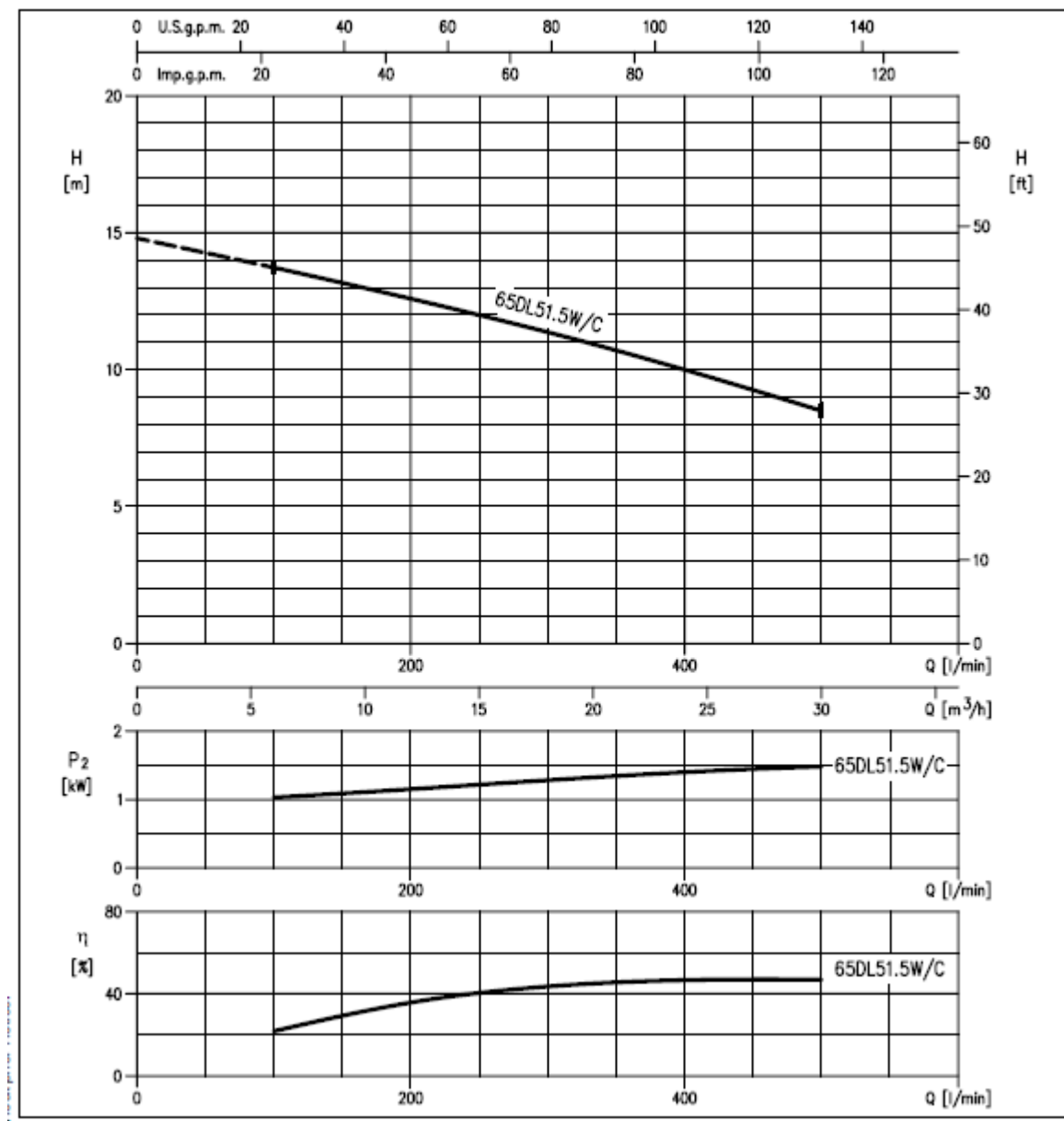
300DL530 (30 kW)

300DL537 (37 kW)

300DL545 (45 kW)



CURBA DE PERFORMANTA (per ISO 9906 Anexa A)
65DL51.5 W/C (1.5 kW)

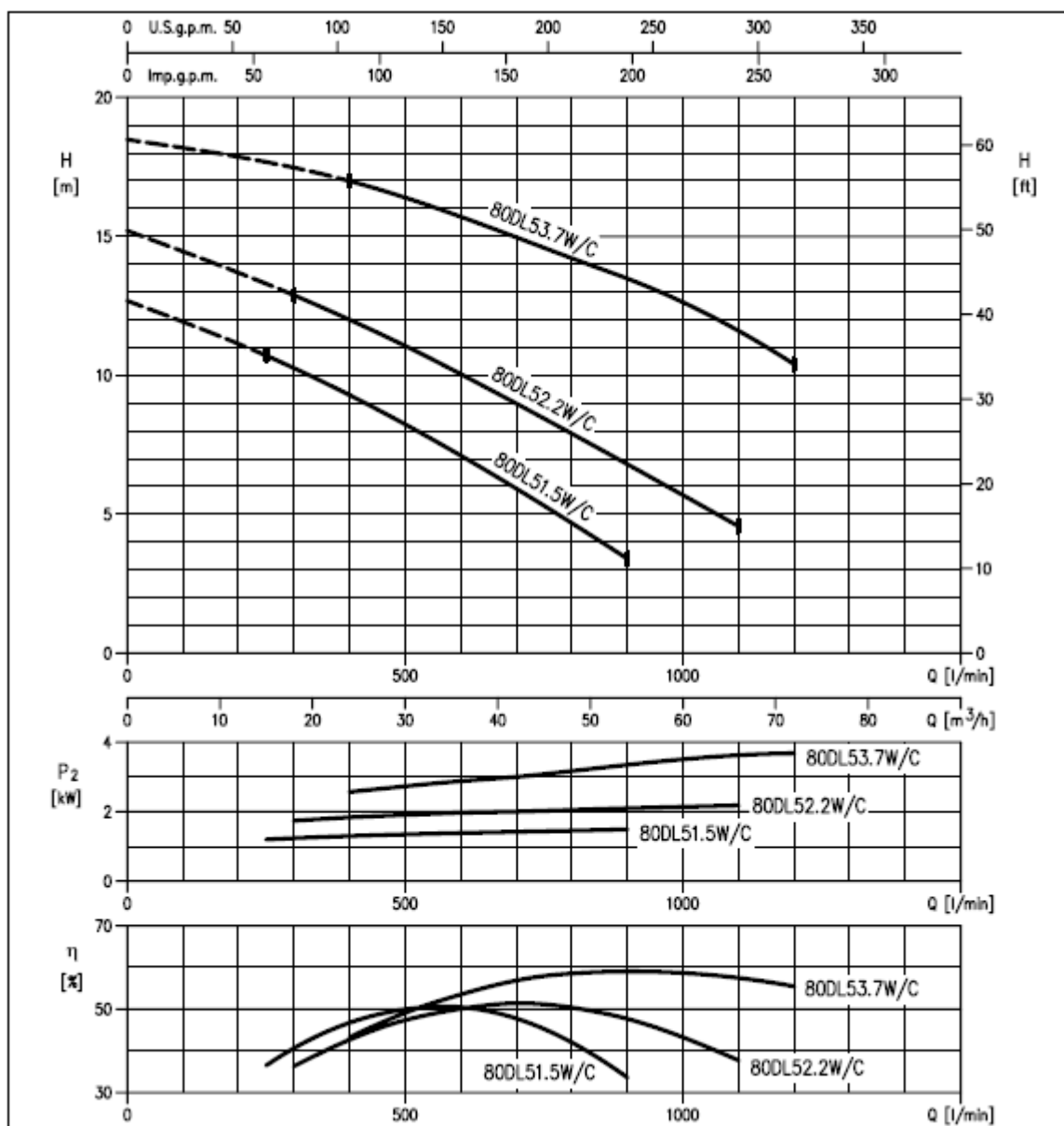


CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

80DL51.5 W/C (1.5 kW)

80DL52.2 W/C (2.2 kW)

80DL53.7 W/C (3.7 kW)

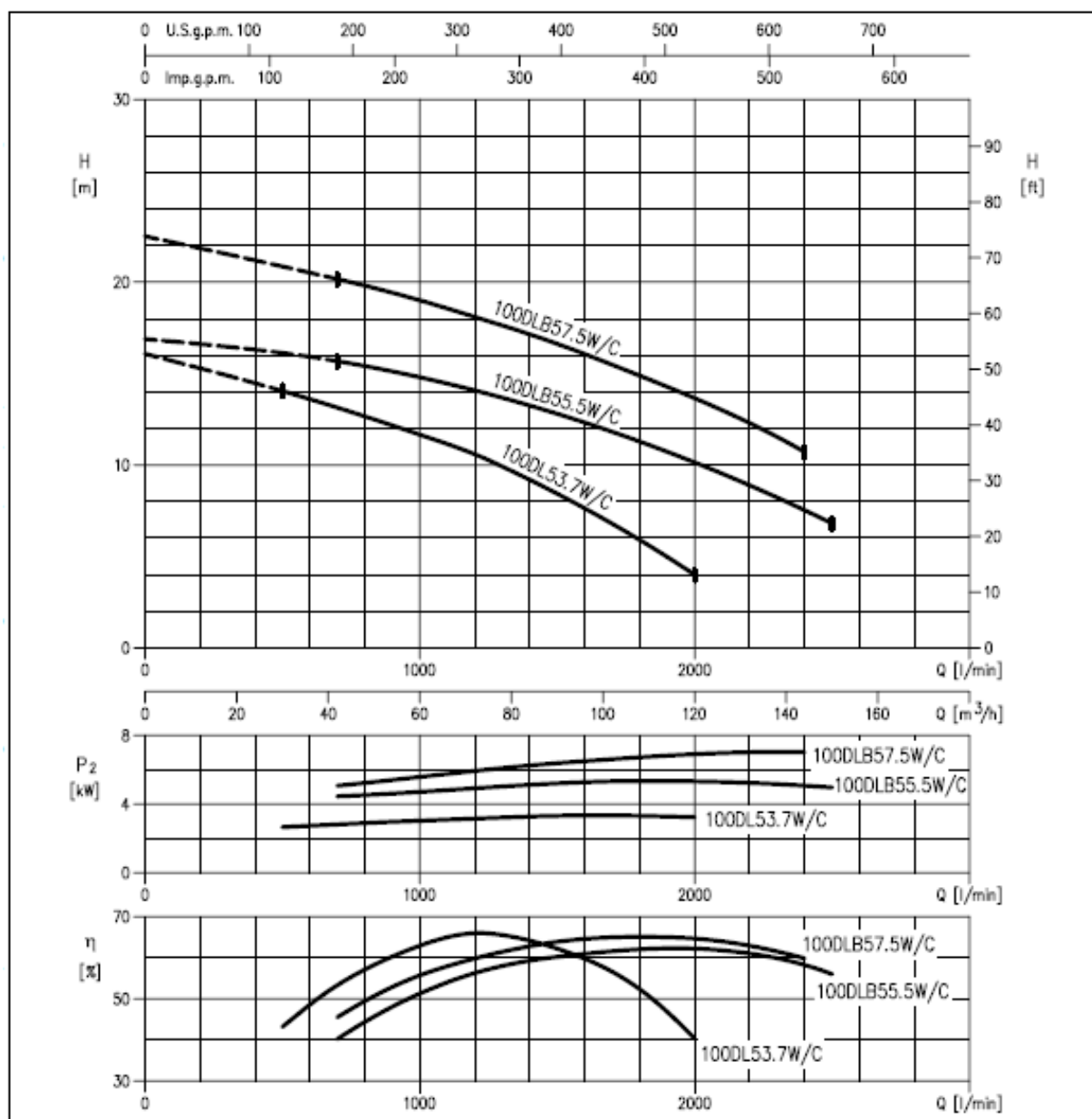


CURBA DE PERFORMANTA (per ISO 9906 Anexa A)

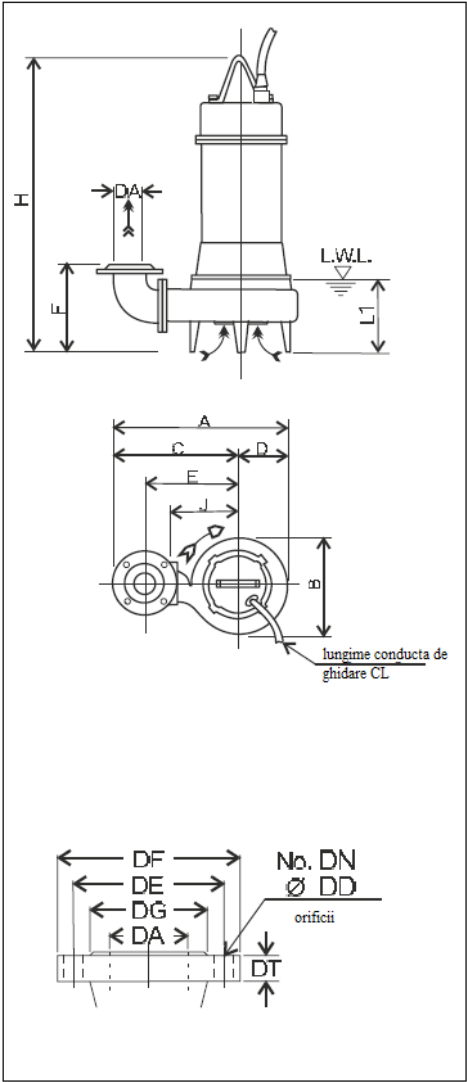
100DL53.7 W/C (3.7 kW)

100DLB55.5 W/C (5.5 kW)

100DLB57.5 W/C (7.5 kW)



DIMENSIUNI DL

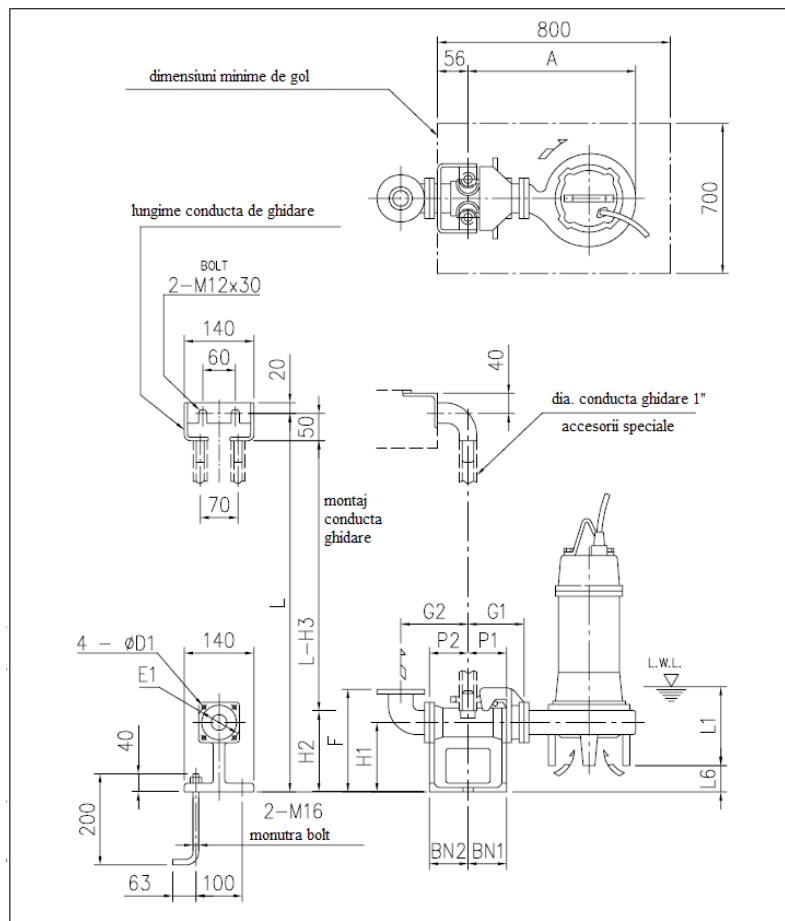


Tabel dimensiuni flanse [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Rotund	65	145	185	118	17	4	19
	80	160	200	132	19	8	
	100	180	220	156	21		
	150	240	285	211	23		
	200	295	340	266			
	250	350	395	319	25	23	
	300	400	445	370	24		12

DA	Model	[kW]	A	B	C	D	E	F	H	J	L1 (*)	E1	Greutate [kg]
65	65DL51.5	1.5	497	291	353	144	265	200	576	200	140	10	52
80	80DL51.5	1.5	524	292	378	146	285	220	597	210	165		55
	80DL52.2	2.2	542	308	388	154	295		654	220			67
	80DL53.7	3.7	567	328	403	164	310	687	235	75			
	80DLC55.5	5.5	618	379	428	190	335	307	753	260	134		
	80DLC57.5	7.5	648	399	448	200	355	305	751	280	148		
100	100DL53.7	3.7	614	335	445	169	340	250	706	235	185		79
	100DLB55.5	5.5	646	369	460	186	355	323	768	250	205		123
	100DLC55.5	5.5	660	379	470	190	365	322	753	260			134
	100DLB57.5	7.5	673	385	480	193	375	323	760	270			141
	100DLC57.5	7.5	690	399	490	200	385	320	751	280			148
	100DL511	11	701	402	500	201	395	323	859	290			180
	100DL515	15	741	441	520	221	415	330	954	310			230
	100DL518.5	18.5							958				285
150	150DL55.5	5.5	750	398	550	200	410	381	799	280	245		146
	150DL57.5	7.5	780	418	570	210	430	377	784	300			158
	150DL511	11	810	438	590	220	450		883	320			199
	150DL515	15						972	237				
	150DL518.5	18.5	848	476	610	238	470	381	979	340			300
	150DL522	22	848	476	610	238	470	381	979	340			325
	150DL530	30	912	520	650	262	510	468	1284	360	486		350
	150DL537	37		520	650	262	510	468	1404	360	494		350
	150DL545	45		520	650	262	510	468		360	350		
200	200DL55.5	5.5	832	430	615	217	450	414	826	300	285		160
	200DL57.5	7.5	863	453	635	228	470	410	809	320			176
	200DL511	11							908				212
	200DL515	15	896	479	655	241	490	411	995	340			260
	200DL518.5	18.5	932	512	675	257	510	415	1001	360			305
	200DL522	22											330
	200DL530	30	937	520	675	262	510	483	1284	486	350		
	200DL537	37									1404		370
	200DL545	45									360		370
250	250DL57.5	7.5	969	525	700	269	500	622	904	370	400		260
	250DL511	11	993	541	720	273	520	634	1000	390			320
	250DL515	15	1007	549	730	277	530	646	1086	400			380
	250DL518.5	18.5							1089				420
	250DL522	22	1125	660	790	335	590	706	1336	460	440		
	250DL530	30							1475		458		
	250DL537	37								522			
	250DL545	45								540			
300	300DL511	11	1100	588	798	302	575	671	1050	420	450		365
	300DL515	15											395
	300DL518.5	18.5	1135	618	818	317	595	668	1131	440			440
	300DL522	22									465		
	300DL530	30	1172	660	838	335	615	726	1336	460	458		
	300DL537	37									522		
	300DL545	45								540			

(*) L.W.L. (nivel minim fluid)

DIMENSIUNI 65DL, 80DL (1.5-3.7 kW) cu QDC (kit dispozitiv coborare)

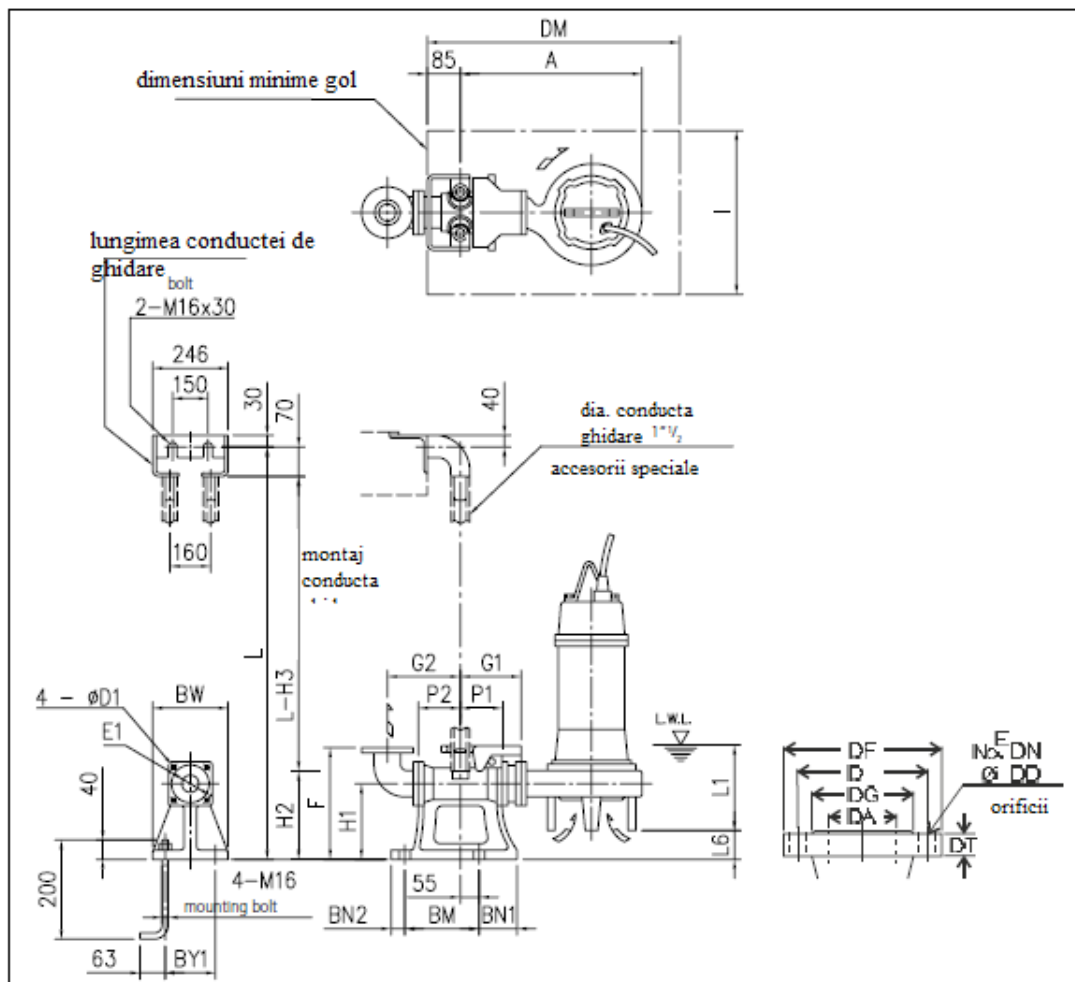


Tabel dimensiuni flanse [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Rotund	65	145	185	118	17	4	19
	80	160	200	132	19	8	

TABEL DIMENSIUNI 65DL, 80DL (1.5 – 3.7 kW) cu QDC (kit dispozitiv coborare)

DA	Model	[kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	D1	E1	QDC (kit dispozitiv coborare)	
																		Model	Greutate [kg]
65	65DL51.5	1.5	464	75	95	120	160	250	145	190	240	140	50	75	95	12	140	LM65	14
	80DL51.5	1.5	481		90	125	165	285	175	230	280	165	65		90	15	155	LM80	17
80	80DL52.2	2.2	499																
	80DL53.7	3.7	524																

DIMENSIUNI 80DL (5.5 – 7.5), 100DL CU QDC (lkit dispozitiv coborare)



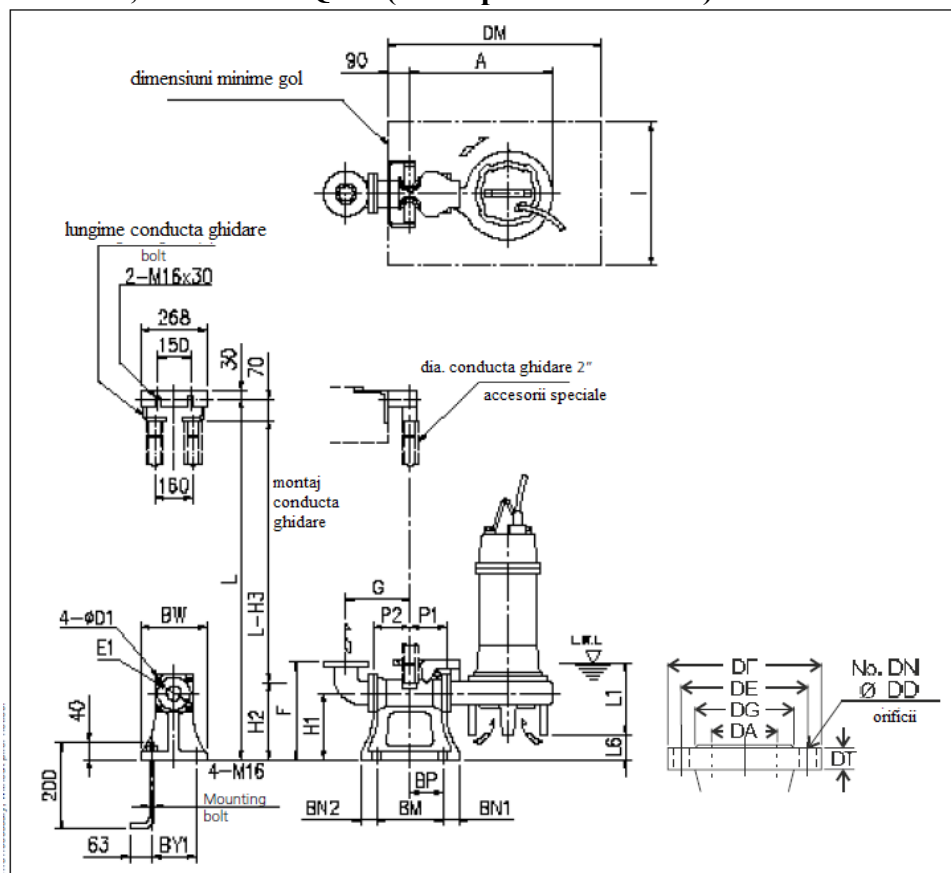
Tabel dimensiuni flanșe [mm] - EN 1092-2

Tip	DA	DE	DF	DG	DT	DN	DD
Rotund	80	160	200	132	19	8	19
	100	180	220	156	21		

TABEL DIMENSIUNI 80DL (5.5 – 7.5), 100DL CU QDC (lkit dispozitiv coborare)

[illegible]

DIMENSIUNI 150 DL, 200 DL CU QDC (kit dispozitiv coborare)



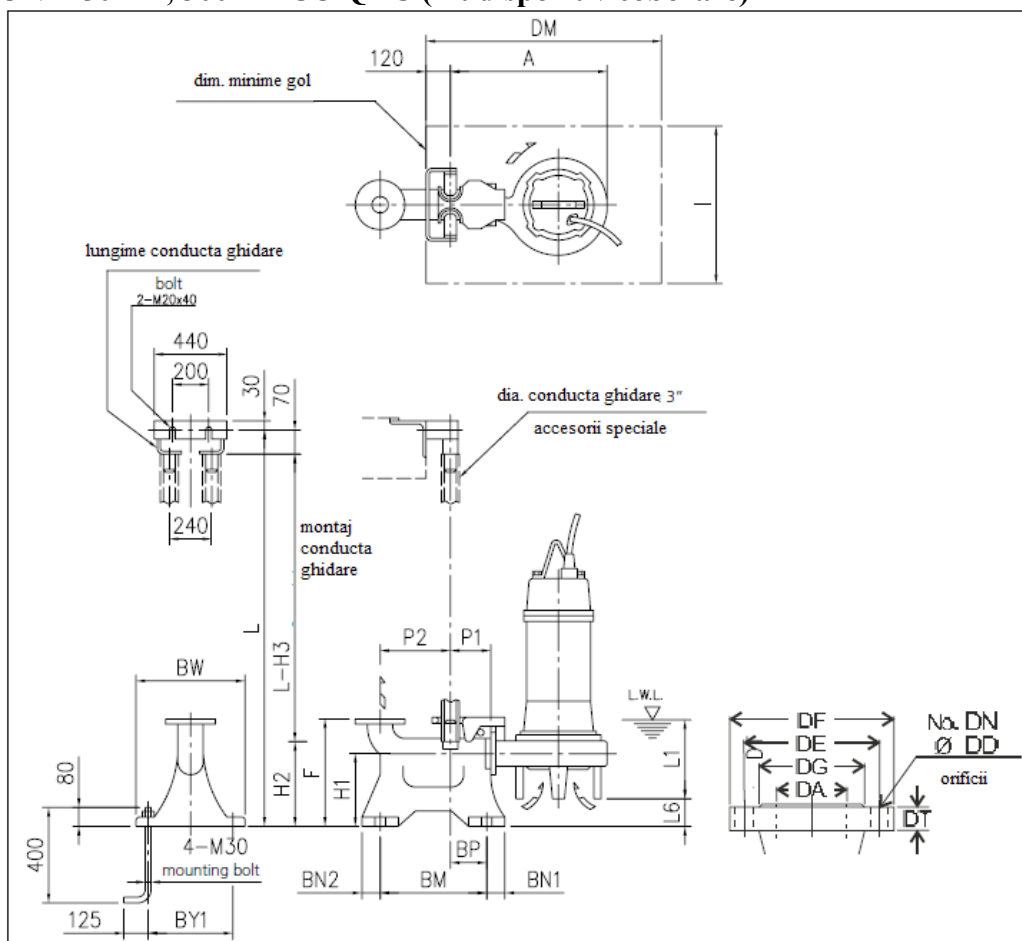
Tabel dimensiuni flanșe [mm] - EN 1092-2

Tip	DA	DE	DF	DG	DT	DN	DD
Rotund	150	240	285	211	23	8	23
	200	295	340	266			

TABEL DIMENSIUNI 150 DL, 200 DL CU QDC (kit dispozitiv coborare)

DA	Model	[kW]	A	P1	P2	G	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	BM	BP	BY1	BW	DM	I	D1	E1	ODC (kit dispozitiv coborare) ModelGreutate [kg]															
150	150DL55.5	5.5	635	155	195	325	450	290	362	432	245	69	60	370	165	280	330	1000	700	210	LL125	65																
	150DL57.5	7.5	665									73																										
	150DL511	11	695									69																										
	150DL515	15	733									60																										
	150DL518.5	18.5	777									60																										
	150DL522	22	205									355											480	320	405	475	288	210	390	170	300	350	1100	800	250	LL150	80	
	150DL530	30	205									355											480	320	405	475	296	210	60	390	170	300	350	1100	800	250	LL150	80
	150DL537	37	777									480											210	60														
150DL545	45	777	210		60																																	
200	200DL55.5	5.5	672		205	355	495	320	405	475	285	81	60	390	170	300	350	1100	800	250	LL150	80																
	200DL57.5	7.5	703									85																										
	200DL511	11	736									84																										
	200DL515	15	772									80																										
	200DL518.5	18.5	777									288											210	60														
	200DL522	22	296									210											60															
	200DL530	30	777									210											60															
	200DL537	37	777	210								60																										
200DL545	45	777	210	60																																		

DIMENSIUNI 250 DL, 300 DL CU QDC (kit dispozitiv coborare)



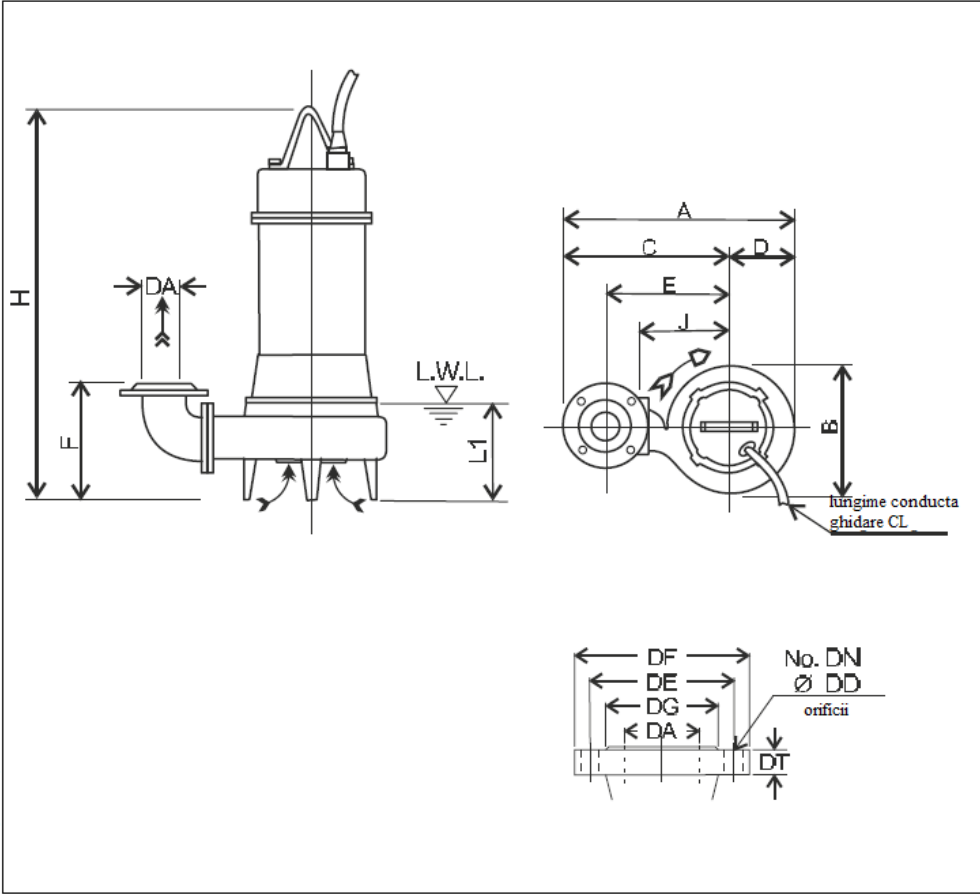
Tabel dimensiuni flanșe [mm] - EN 1092-2

Tip	DA	DE	DF	DG	DT	DN	DD
Rotund	250	350	395	319	25	12	23
	300	400	445	370	24		

TABEL DIMENSIUNI 250 DL, 3000 DL CU QDC (kit dispozitiv coborare)

DA	Model	[kW]	A	P1	P2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	BM	BP	BY1	BW	DM	I	ODC (kit dispozitiv coborare) Greutate Model [kg]							
250	250DL57.5	7.5	834	195	435	700	350	440	510	400	58	70	70	650		500	560	1200	900	LL250	150						
	250DL511	11	858								46																
	250DL515	15	872								34																
	250DL518.5	18.5																									
	250DL522	22																									
	250DL530	30									990											292	300				
250DL537	37	319																									
250DL545	45																										
300	300DL511	11	195		465	800	430	550	620	450	109			70	70	680				580	640	1200	900	LL300	200		
	300DL515	15									112																
	300DL518.5	18.5									952															292	300
	300DL522	22																									
	300DL530	30																									
	300DL537	37		990								319															
300DL545	45																										

DIMENSIUNI DL CU W/C (cu tocat)

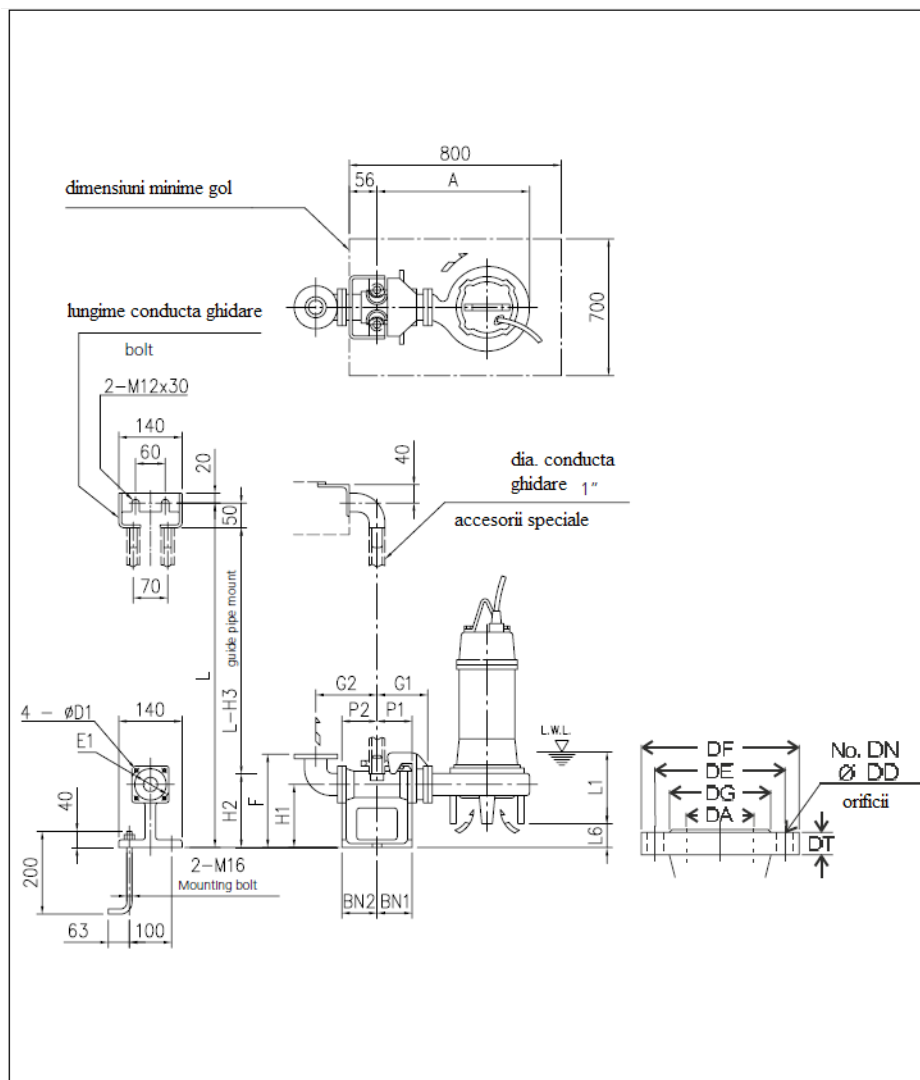


Tabel dimensiuni flanse [mm] - EN 1092-2							
Tip	DA	DE	DF	DG	DT	DN	DD
Rotund	64	145	185	118	17	4	19
	80	160	200	132	19	8	
	100	180	220	156	21		

TABEL DIMENSIUNI DL CU W/C (cu tocat)

DA	Model	[kW]	A	B	C	D	E	F	H	J	L1 (*)	CL [m]	Greutate [kg]
65	65DL51.5W/C	1.5	497	291	353	144	265	200	576	200	140	10	52
80	80DL51.5W/C	1.5	524	292	378	146	285	220	597	210	165		55
	80DL52.2W/C	2.2	542	308	388	154	295		654	220			67
	80DL53.7W/C	3.7	567	328	403	164	310		687	235			75
100	100DL53.7W/C	3.7	614	335	445	169	340	250	706		185		79
	100DLB55.5W/C	5.5	646	369	460	186	355	323	768	250	205		123
	100DLB57.5W/C	7.5	673	385	480	193	375		760	270			141

DIMENSIUNI 65DL W/C, 80DL W/C (cu toicator) (1.5 – 3.7 kW) cu QDC (kit dispozitiv coborare)

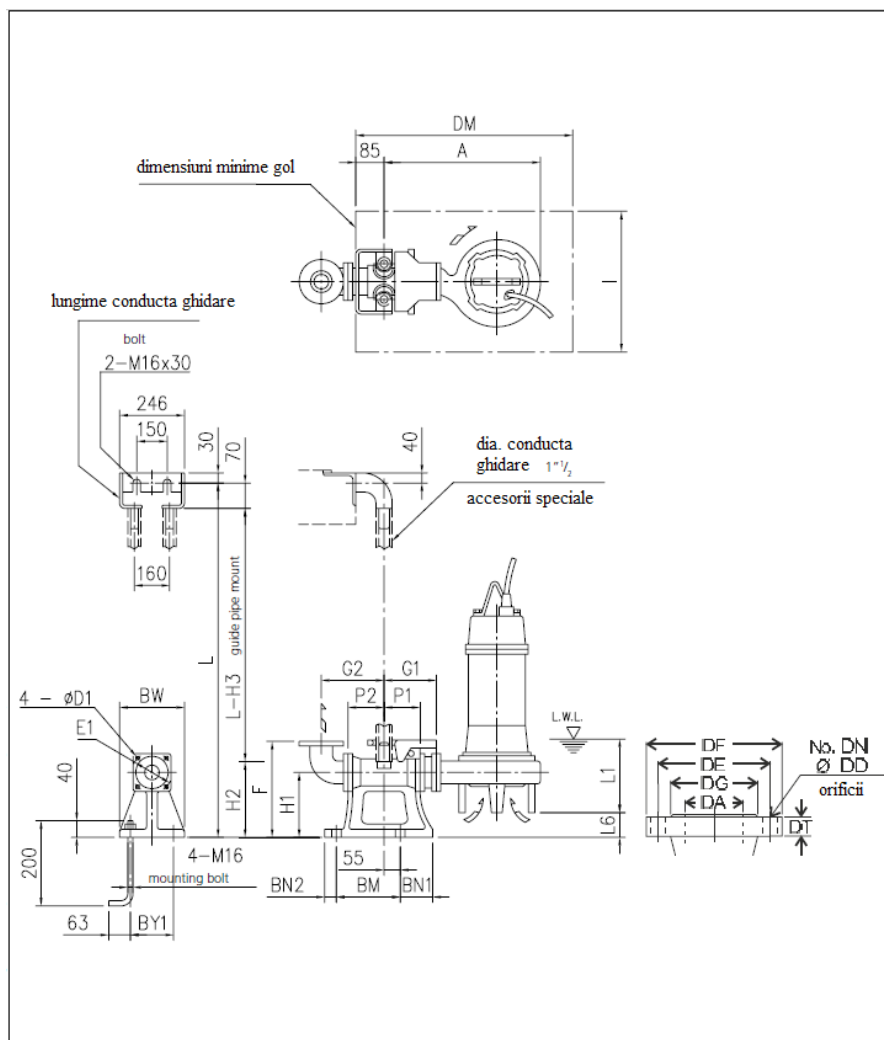


Tabel dimensiuni flanse [mm] - EN 1092-2							
Tip	DA	DE	DF	DG	DT	DN	DD
Rotund	65	145	185	118	17	4	19
	80	160	200	132	19	8	

TABEL DIMENSIUNI 65DL W/C, 80DL W/C (cu toicator) (1.5 – 3.7 kW) cu QDC (kit dispozitiv coborare)

DA	Model	[kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	D1	E1	QDC (kit dispozitiv coborare) Model	Greutate [kg]
65	65DL51.5W/C	1.5	464	75	95	120	160	250	145	190	240	140	50	75	95	12	140	LM65	14
	80DL51.5W/C	1.5	481																
80	80DL52.2W/C	2.2	499		90	125	165	285	175	230	280	165	65		90	15	155	LM80	17
	80DL53.7W/C	3.7	524																

DIMENSIUNI 100DL CU QDC (kit dispozitiv coborare)



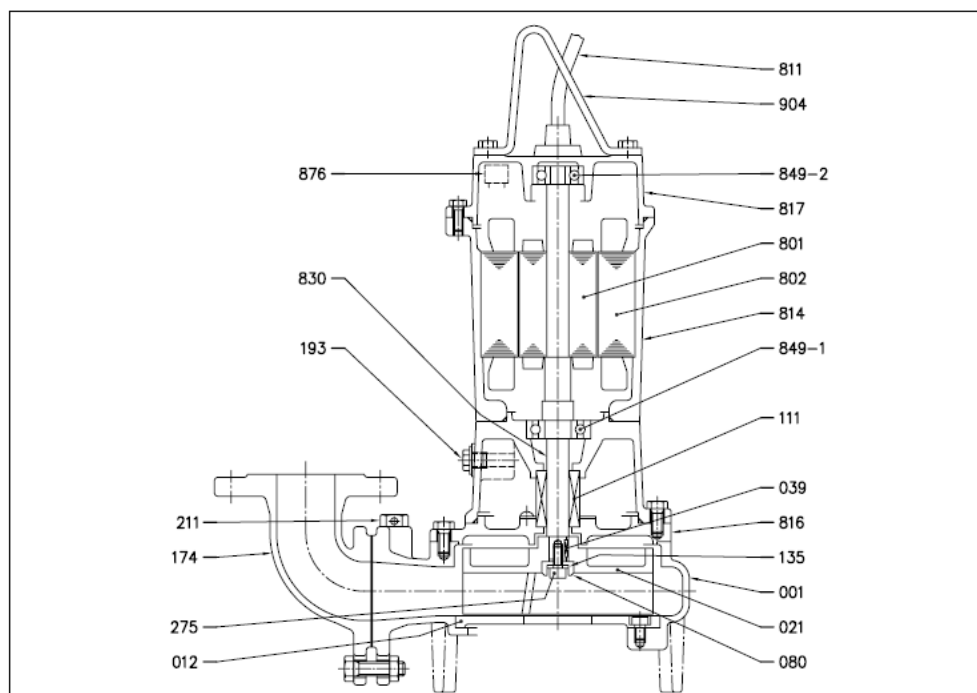
Tabel dimensiuni flanșe [mm] - EN 1092-2

Tip	DA	DE	DF	DG	DT	DN	DD
Rotund	80	160	200	132	19	8	19
	100	180	220	156	21		
	150	240					

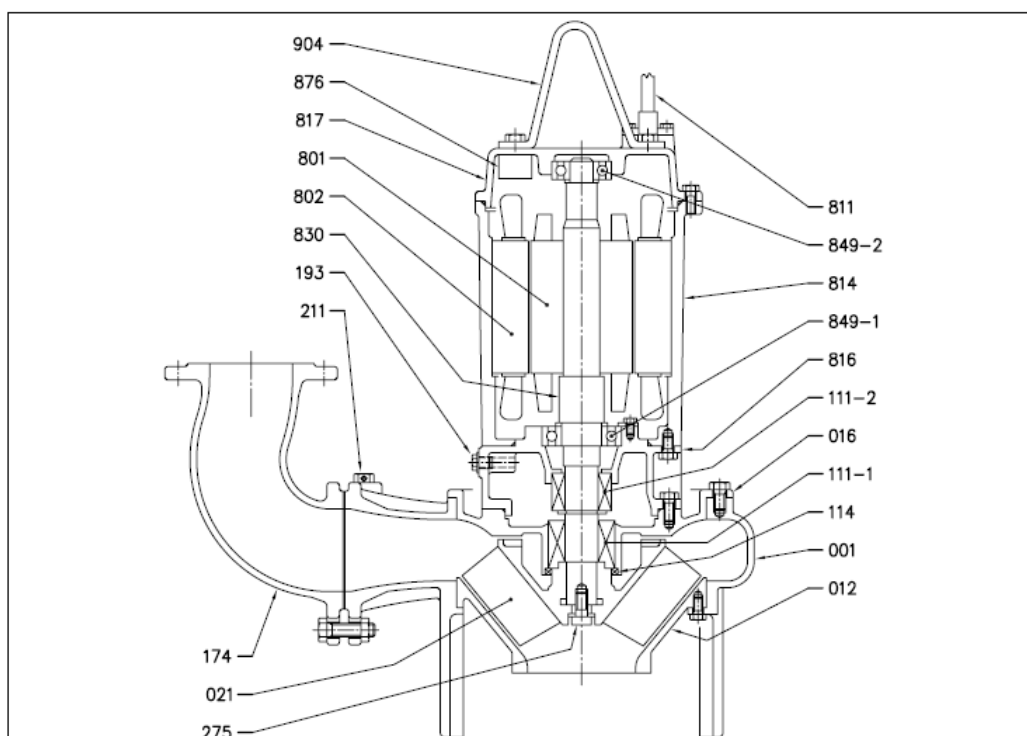
TABEL DIMENSIUNI 100DL CU QDC (kit dispozitiv coborare)

DA	Model	[kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	BM	BY1	BW	DM	I	D1	E1	QDC dispozitiv colaborare Model	Greutate [kg]
100	100DL53.7W/C	3.7	589	105	105	185	210	365	240	265	335	185	115	100	40	220	180	230	800	700	19	175	LL100	46
	100DL855.5W/C	5.5	621									205	42											
	100DL857.5W/C	7.5	648																					

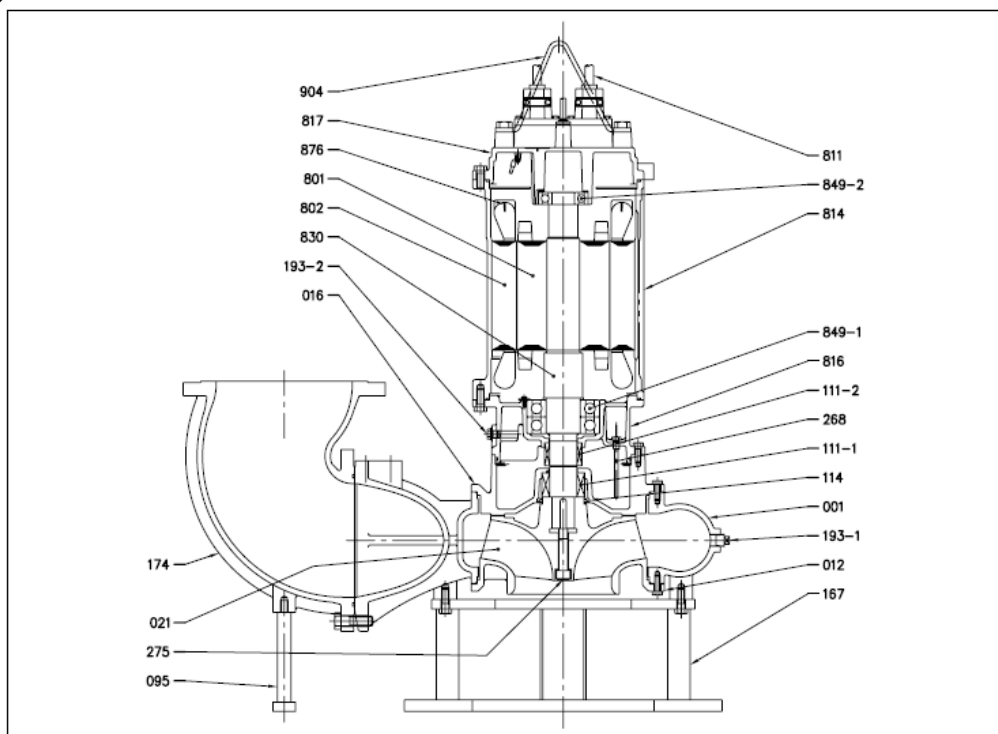
VEDERE IN SECTIUNE: 65DL. 65 DL W/C (1.5 kW), 80DL, 80DL W/C (1.5 – 3.7 kW), 100DL, 100DL W/C (3.7 kW)



VEDERE IN SECTIUNE: 80DL (5.5 – 7.5 kW), 100DL (5.5 – 18.5 kW), 150DL (5.5 – 22 kW), 200DL (5.5 – 22 kW), 250DL (7.5 – 22 kW), 300DL (11 – 22 kW)



VEDERE IN SECTIUNE: 150DL (30 – 45 kW), 200DL (30 – 45 kW), 250DL (30 – 45 kW), 300DL (30 – 45 kW)



TABEL MATERIALE DL – DL W/C (cu tocat)

Ref.	Nume	Material	Ref.	Nume	Material
001	Corp pompa	Fonta EN-GHJL-200-EN 1561	193-2	Capac ulei + garnitura	NBR/EN 1.4301 (AISI304)
012	Invelis parte aspiratie	Fonta EN-GHJL-200-EN 1561	211	Ventilator [1]	-
016	Invelis etansare mecanica	Fonta EN-GHJL-200-EN 1561	275	Piulita rotor	EN 1.4301 (AISI304)
021	Rotor	Fonta EN-GHJL-200-EN 1561	801	Rotor	-
039	Cheie	EN 1.4028 (AISI420)			
080	Bucsa	EN 1.4301 (AISI304)	802	Stator	-
095	Montura cot [1]	EN 1.4301 (AISI304)	811	Cablu	-
111	Etansare mecanica	-	814	Carcasa motor	Fonta EN-GHJL-200-EN 1561
111-1	Etansare mecanica	-	816	Montura motor	Fonta EN-GHJL-200-EN 1561

TABEL DATE ELECTRICE DL (5.5 – 11 kW), DL W/C (cu tocatior) (5.5 – 7.5 kW)

[P ₂]			[kW]	5.5			7.5			11		
Rezistența la 20°C			[Ω]	2.339			1.513			-	0.869	
GD ²			[kg/m²]	0.61			0.071			0.12		
Voltaj			[V]	380	400	415	380	400	415	380	400	415
Full load	0%	Curent	[A]	4.9	4.3	4.5	7.85	6.5	7.1	-	7.80	8.60
		Putere	[W]	470	900	470	707	1200	707	-	1500	790
	75%	Curent	[A]	9.38	8.97	8.58	13.38	12.46	12.07	-	17.03	16.81
		Eficiența	[%]	79.17	75.51	79.10	79.46	76.94	79.81	-	80.39	81.35
		Factor putere	[%]	84.39	87.90	84.53	80.38	84.72	81.25	-	86.98	83.95
	rpm	[min ⁻¹]	1464	1458	1464	1467	1463	1467	-	1468	1470	
	100%	Curent	[A]	11.70	11.30	10.70	16.40	15.50	14.80	-	21.50	21.00
		Eficiența	[%]	80.42	77.14	80.38	80.98	78.64	81.26	-	82.12	82.29
		Factor putere	[%]	88.83	91.07	88.97	85.80	88.81	86.76	-	89.92	88.56
		rpm	[min ⁻¹]	1451	1442	1451	1455	1449	1455	-	1456	1458
Cuplu cu rotor blocat			[%]	271	249	271	288	272	288	-	185	155
Curent la pornire			[A]	81.00	70.00	74.00	120.00	104.00	108.00	-	121.0	128.0
Porniri pe ora			10						6			
Model			ZDLEU									

TABEL DATE ELECTRICE DL (15 – 22 kW)

[P ₂]			[kW]	15			18.5			22		
Rezistentă la 20°C			[Ω]	-	0.677		-	0.439		-	0.376	
GD ²			[kg/m ²]	0.15			0.25			0.28		
Voltaj			[V]	380	400	415	380	400	415	380	400	415
Full load	0%	Curent	[A]	-	8.50	8.85	-	12.80	15.10	-	12.50	13.50
		Putere	[W]	-	1600	880	-	2000	1300	-	2000	965
	75%	Curent	[A]	-	22.13	21.11	-	27.76	27.38	-	32.73	31.37
		Eficiența	[%]	-	81.59	84.15	-	84.25	85.39	-	82.74	85.54
		Factor putere	[%]	-	89.91	88.12	-	85.61	82.55	-	87.94	85.56
		rpm	[min ⁻¹]	-	1464	1464	-	1477	1480	-	1471	1473
	100%	Curent	[A]	-	28.50	27.00	-	35.00	34.00	-	42.00	40.00
		Eficiența	[%]	-	82.79	84.99	-	85.77	86.79	-	84.17	86.11
		Factor putere	[%]	-	91.76	90.93	-	88.95	87.23	-	89.82	88.86
		rpm	[min ⁻¹]	-	1450	1451	-	1469	1472	-	1460	1463
Cuplu cu rotor blocat			[%]	-	171	182	-	171	185	-	155	169
Curent la pornire			[A]	-	160.0	167.0	-	238.0	248.0	-	265.0	265.0
Porniri pe ora			6									
Model			ZDEU									

TABEL DATE ELECTRICE DL (30 – 45 kW)

[P ₂]			[kW]	30			37			45		
Rezistentă la 20°C			[Ω]	0.236			0.152			0.117		
GD ²			[kg/m ²]	0.72			1.11			1.32		
Voltaj			[V]	380	400	415	380	400	415	380	400	415
Full load	0%	Curent	[A]	20	23.7	27.3	25.4	31.4	36.3	29.7	36.2	41.9
		Putere	[W]	925	1104	1332	1116	1584	1956	1320	1752	2172
	75%	Curent	[A]	45.69	45.96	47.48	56.47	58.11	60.14	68.59	70.07	72.18
		Eficiența	[%]	89.77	89.48	87.78	91.33	90.25	89.33	90.25	88.93	88.13
		Factor putere	[%]	83.35	78.97	75.10	81.75	76.38	71.87	82.84	78.17	73.81
		rpm	[min ⁻¹]	1462	1464	1466	1479	1480	1481	1476	1478	1479
	100%	Curent	[A]	59.00	58.00	58.50	72.50	72.50	73.50	88.00	87.50	88.50
		Eficiența	[%]	89.28	89.39	88.21	91.57	90.89	90.29	90.63	89.83	89.28
		Factor putere	[%]	86.41	83.45	80.60	86.64	80.95	77.56	85.56	82.33	79.12
		rpm	[min ⁻¹]	1447	1451	1453	1470	1472	1473	1467	1470	1471
Cuplu cu rotor blocat			[%]	245	272	294	154	171	184	156	173	186
Curent la pornire			[A]	356.50	377.40	393.20	390.70	413.90	431.30	497.80	527.40	549.70
Porniri pe ora				6								
Model				ZDLEU								