



END SUCTION CENTRIFUGAL PUMP

INTELLIGENT FLOW FOR GOOD



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Applications

- Water supply systems
- Pressure boosting
- Heating systems for commercial buildings and district heating
- Cooling plants for industrial processing and air-conditioning units
- General transport for industrial processes
- Fire fighting system

Design & Structure

- Design: Performance and dimensions referring to the European standard BS EN733/DIN24255
- Structure: Horizontal, Axial End-Suction, Single-Stage, Single-Suction, Volute Casing, Back pull-out
- DN(mm): Inlet: 50-350 , Outlet: 32-300
- Flange: ISO7005.2 ; DIN2501 PN16 ; GB/T17241.6 PN1.6

Working Conditions

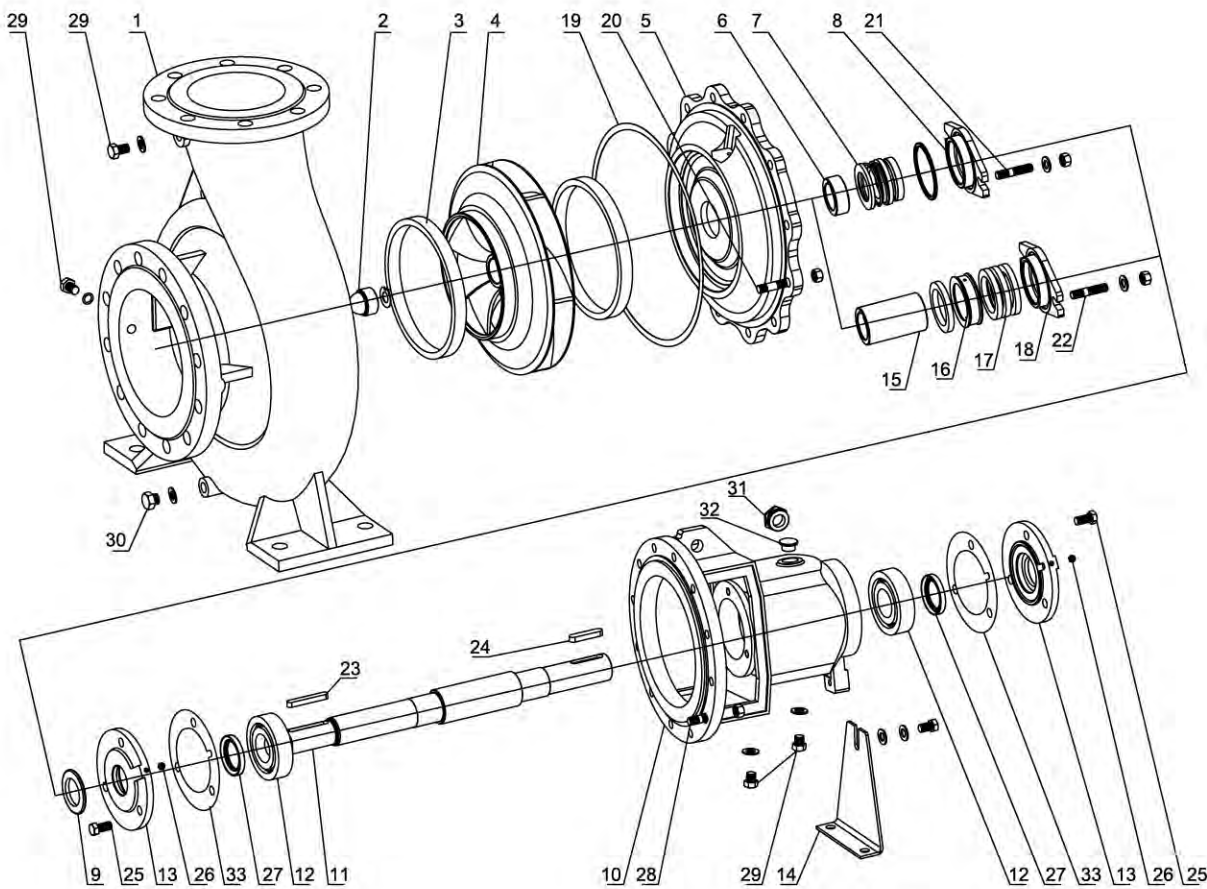
- Pump design complies to BS EN 733/DIN 24255 standard
- Conveying medium: Low viscosity, non-inflammable and non-explosive liquids not containing solid particles or fibers
- Speed: 1450/2900 rpm at 50 Hz, 1750/3500 rpm at 60 Hz
- Flow range: 0.5 - 440 l/s
- Head range: 2 - 152 m
- Max. Liquid temperature: 105°C, 120°C on request
- Liquid pH value: 4 - 10
- Max. operation pressure: 10 bar, 16 bar on request

Identification Codes

LEP 50 - 32 - 130 (G) / 139 - 2

- Number of Motor Poles
- Impeller Actual Diameter (mm)
- G: Bigger shaft and bearing frame
Default: Standard
- Impeller Nominal Diameter (mm)
- Outlet Diameter (mm)
- Inlet Diameter (mm)
- LEO End Suction Pump

Material Table

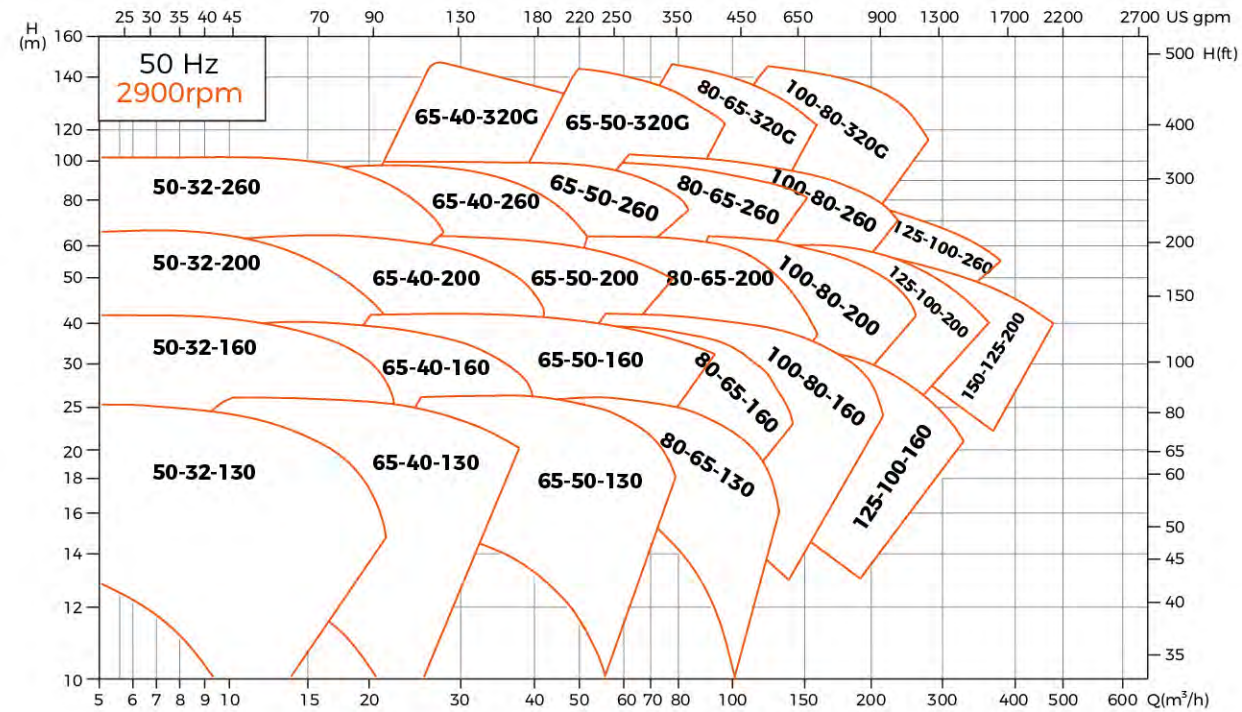


No.	Part	Material
1	Pump casing	Cast Iron(Standard) Ductile Iron 304/316
2	Impeller nut	
3	Wear ring	
4	Impeller	Cast Iron(Standard) Brass/Bronze 304/316
5	Casing cover	
6	Shaft spacer	Mechanica seal(Standard) Packing seal
7	Shaft seal	Mechanica seal(Standard) Packing seal
8	Seal cover	
9	Rubber slinger	
10	Bearing frame	
11	Shaft	2Cr13(Standard) 304/316

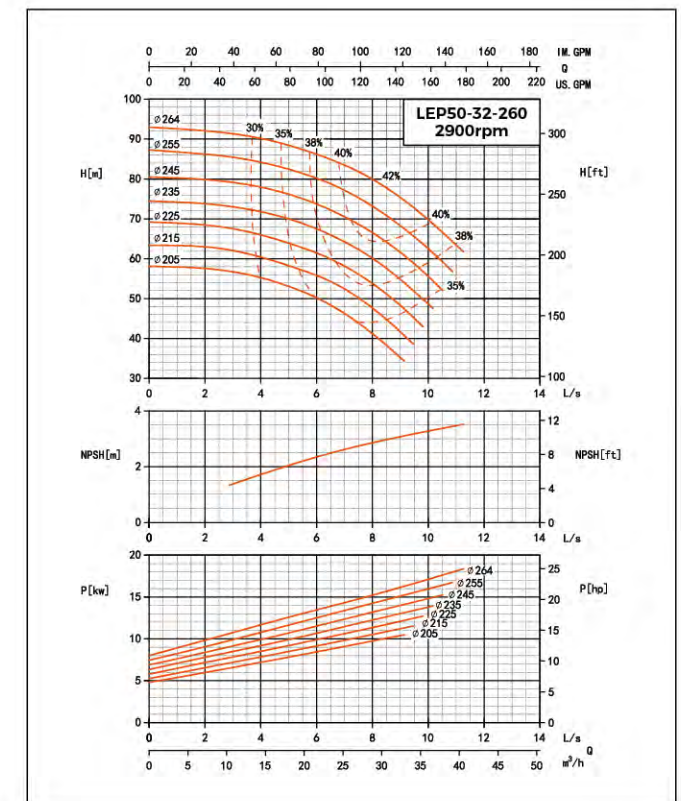
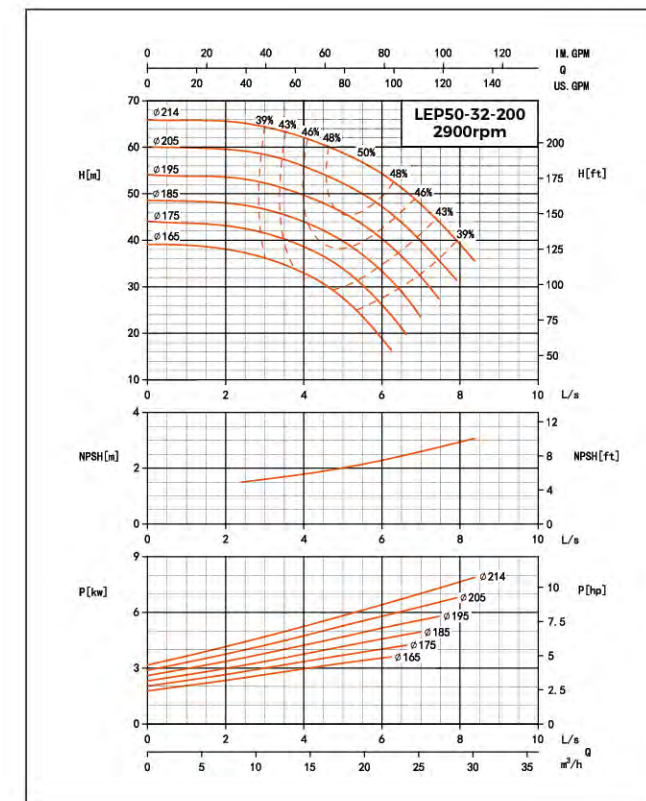
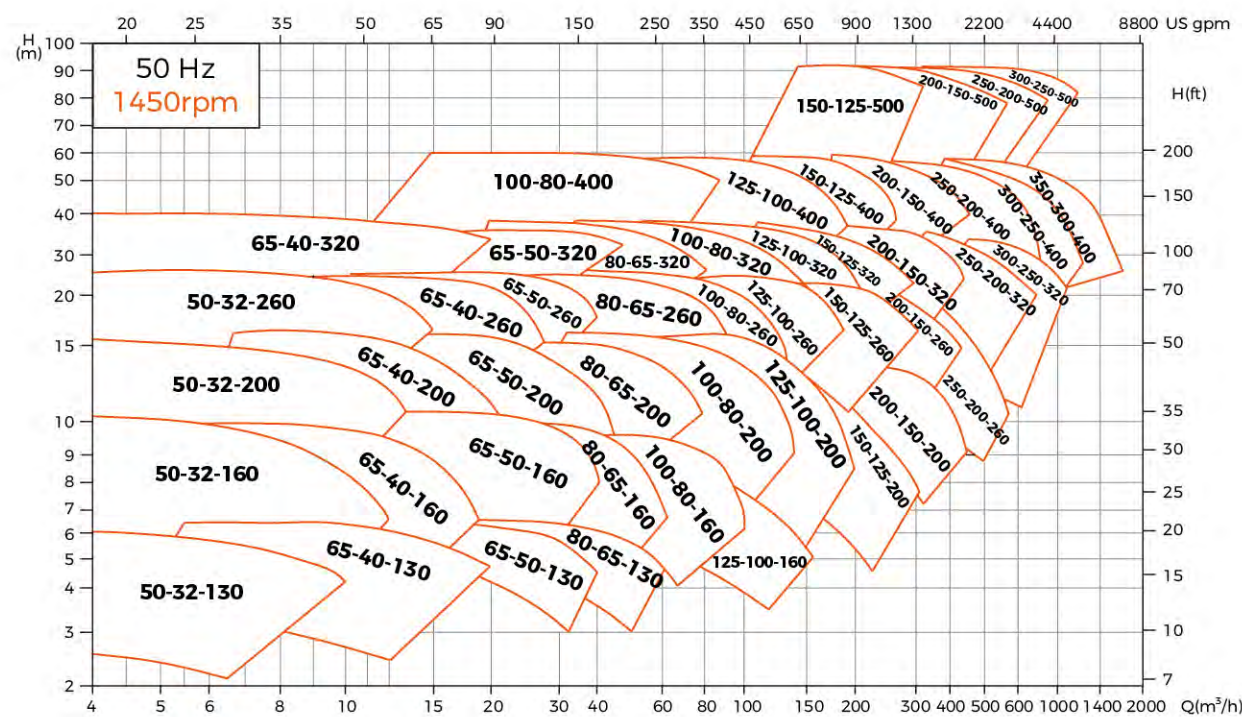
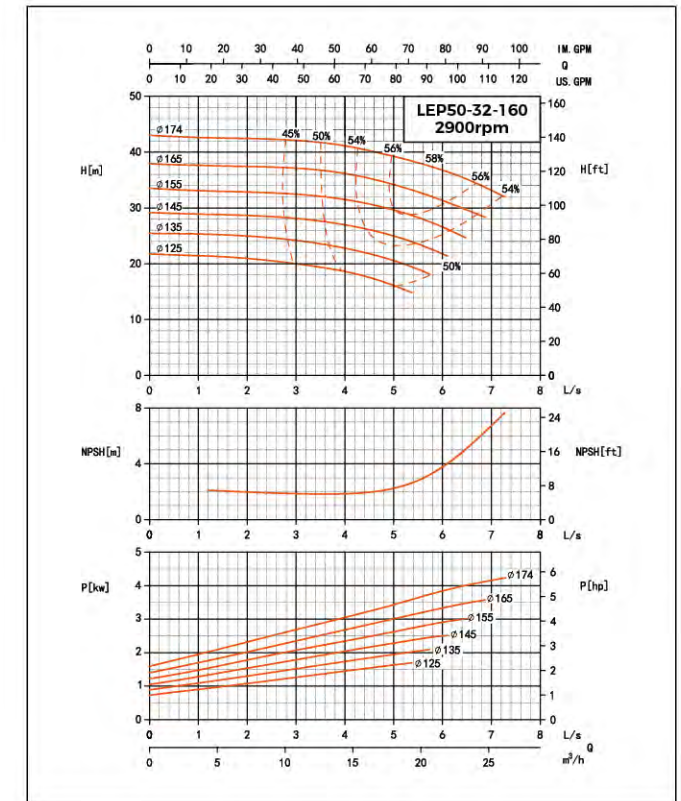
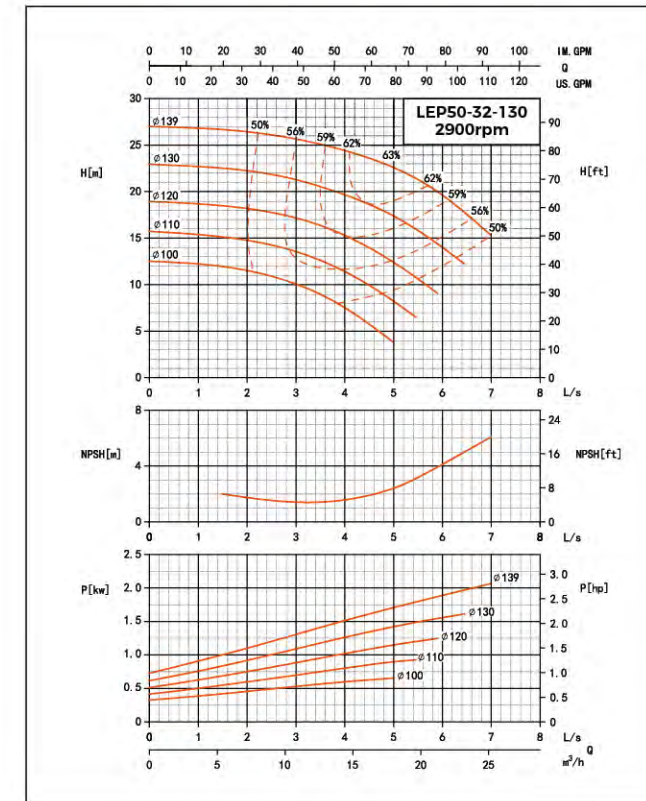
No.	Part	Material
12	Bearing	
13	Bearing cover	
14	Support foot	
15	Packing sleeve	Bronze
16	Packing seal cage	
17	Gland packing	
18	Gland cover	
19	Gasing gasket	
20	Nut	
21	Nut	
22	Nut	

No.	Part	Material
23	Key	
24	Key	
25	Bolt	
26	Oil nipple	
27	Oil seal	
28	Nut	
29	Washer	
30	Washer	
31	Oil scale	
32	Oil cover	
33	Bearing cover gasket	

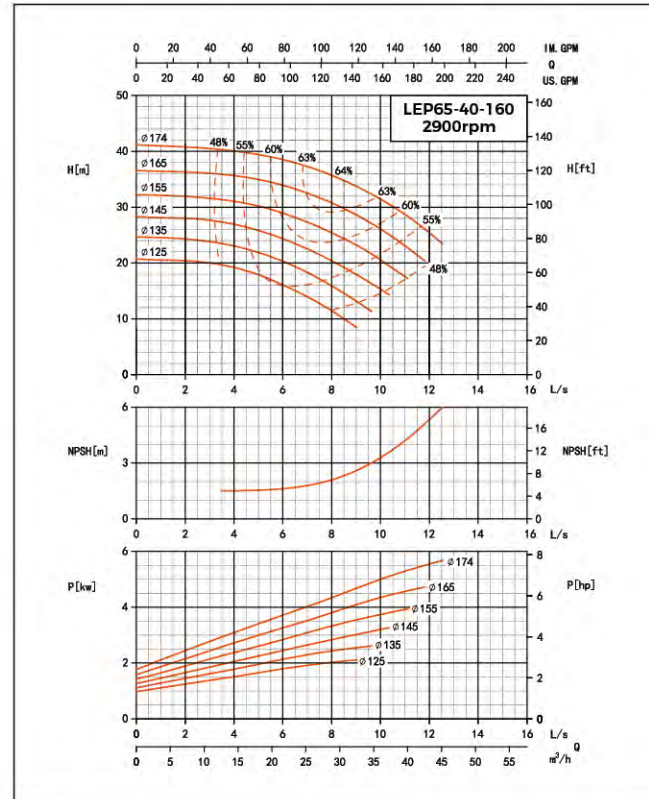
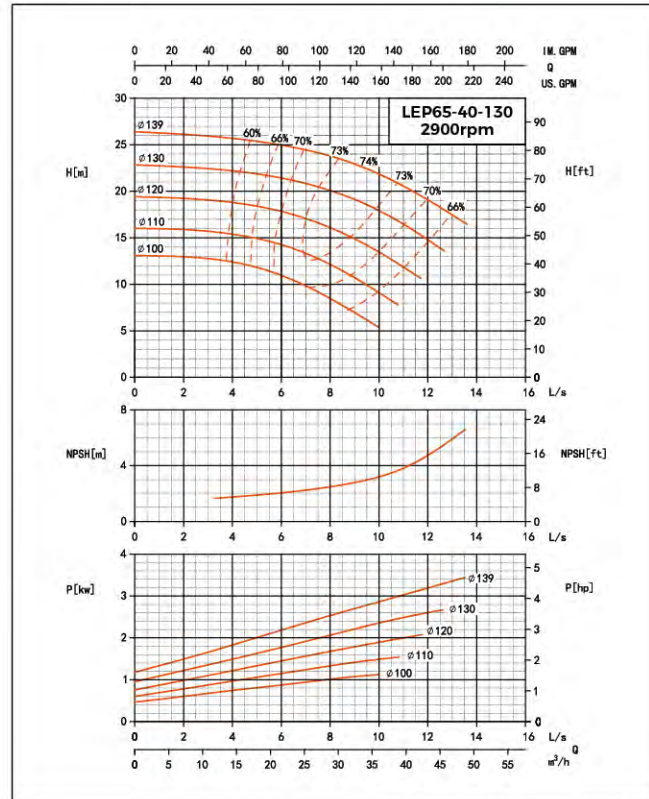
Characteristic Curves



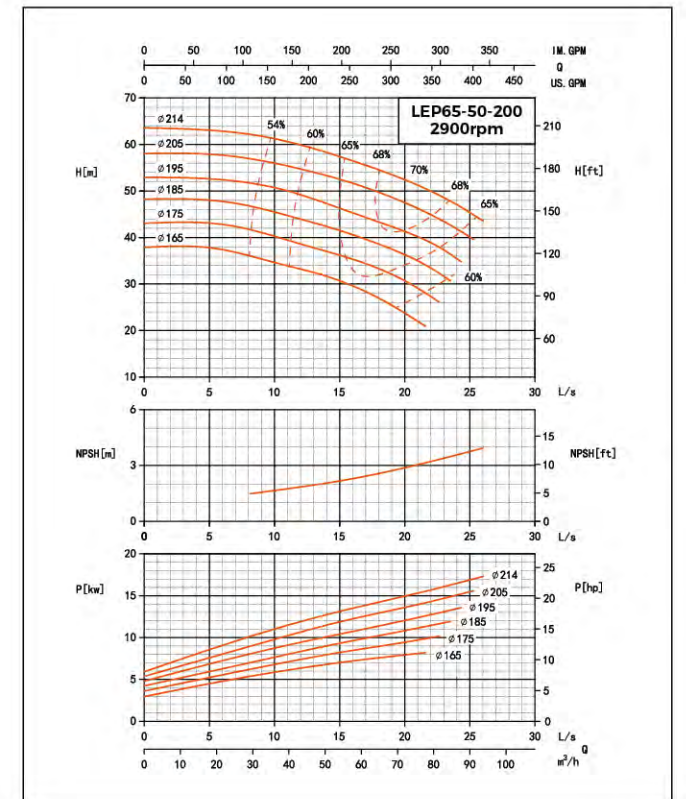
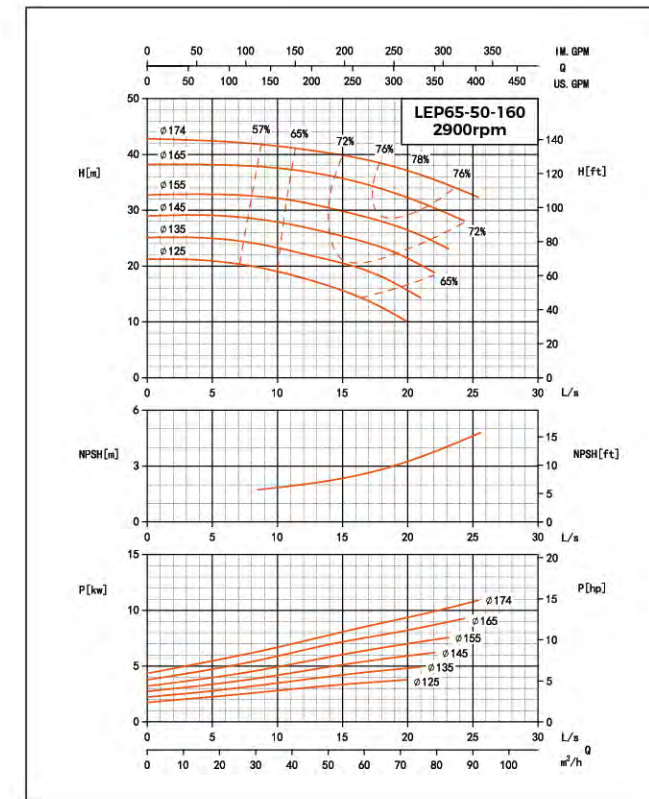
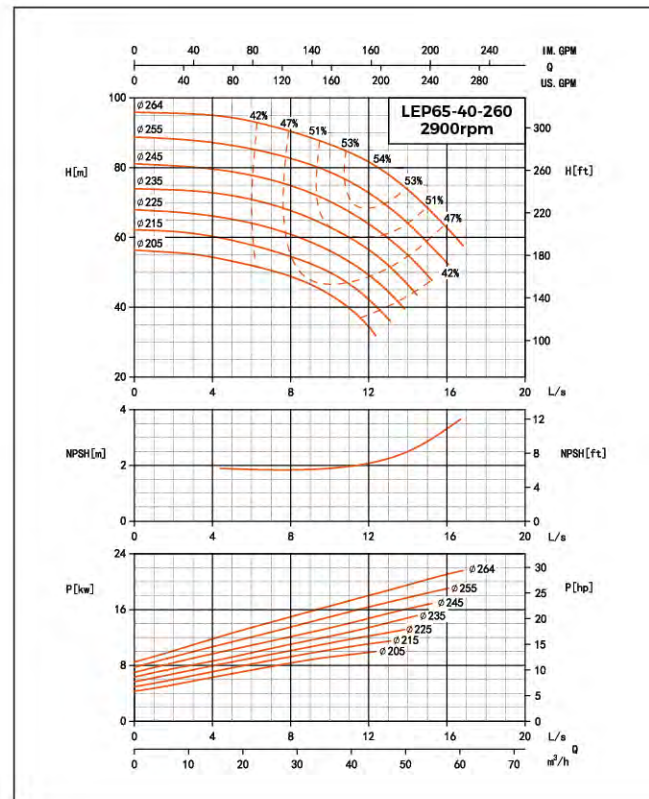
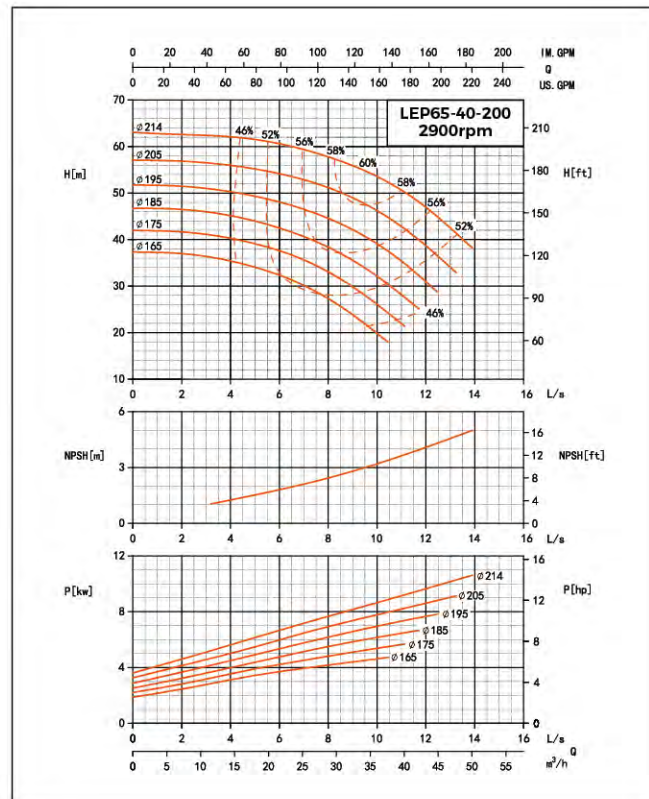
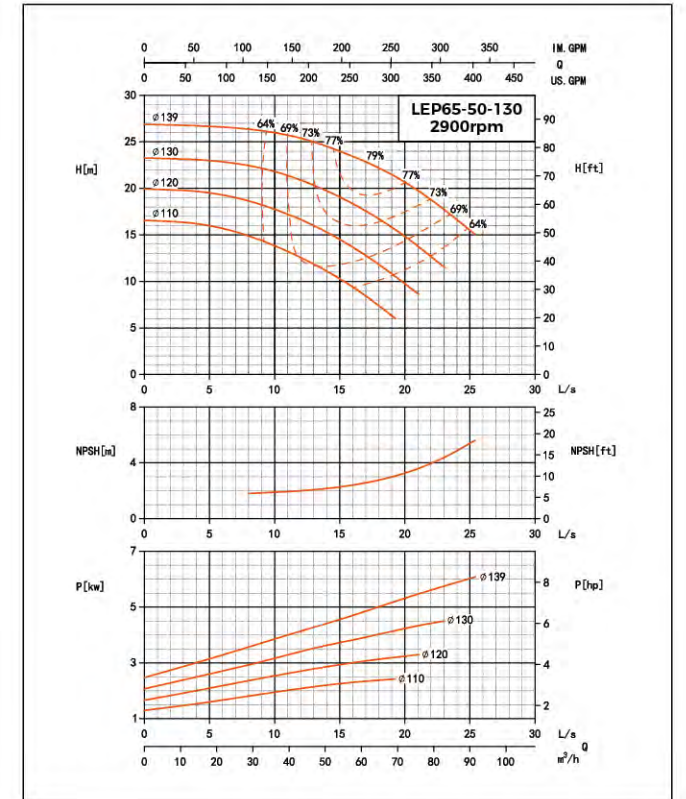
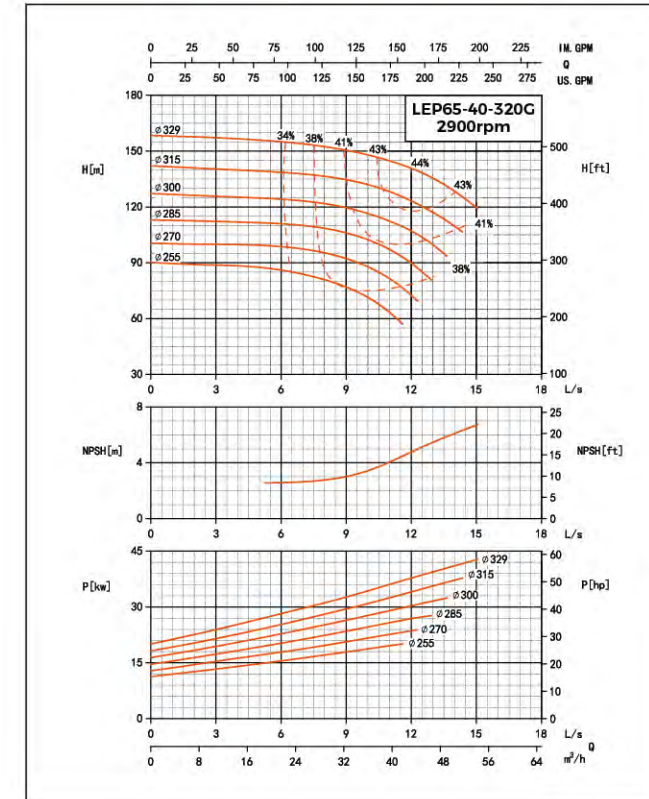
Hydraulic Performance Curves



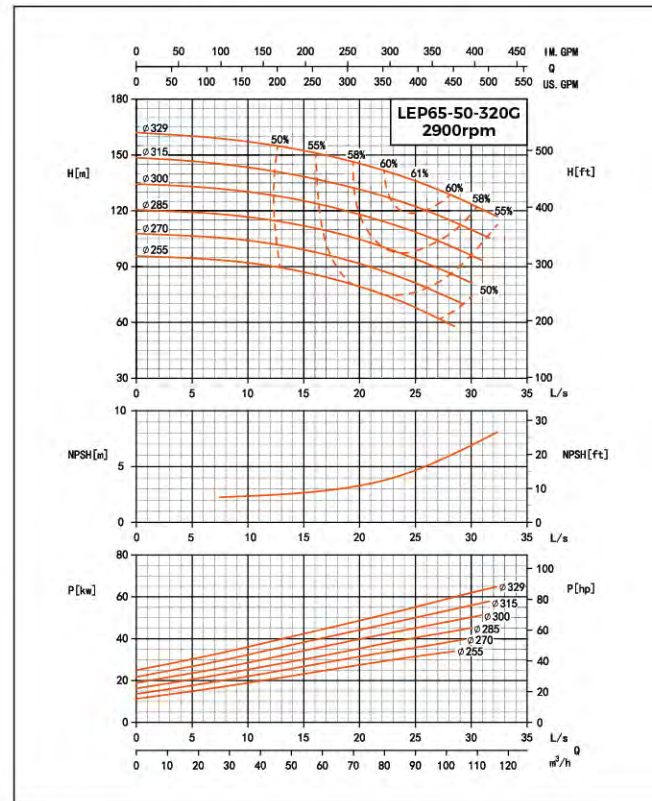
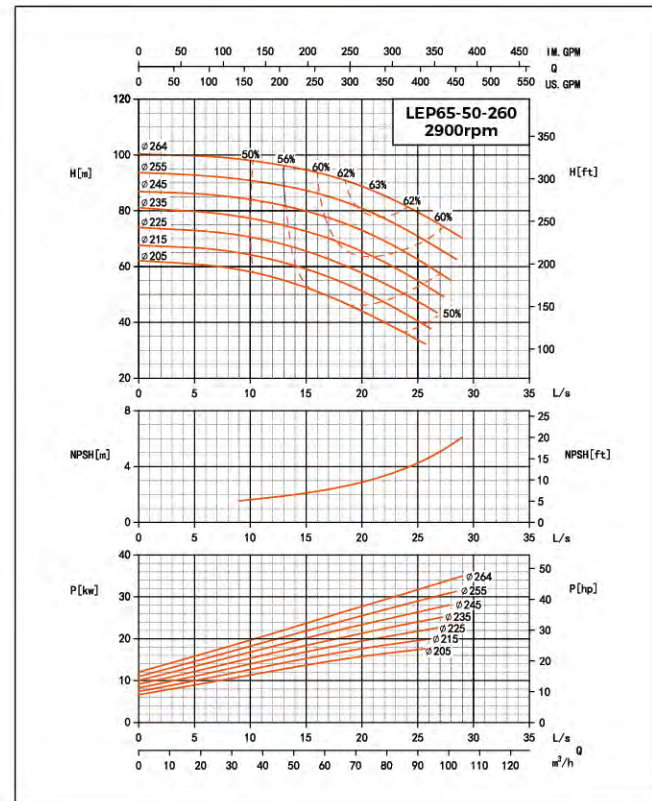
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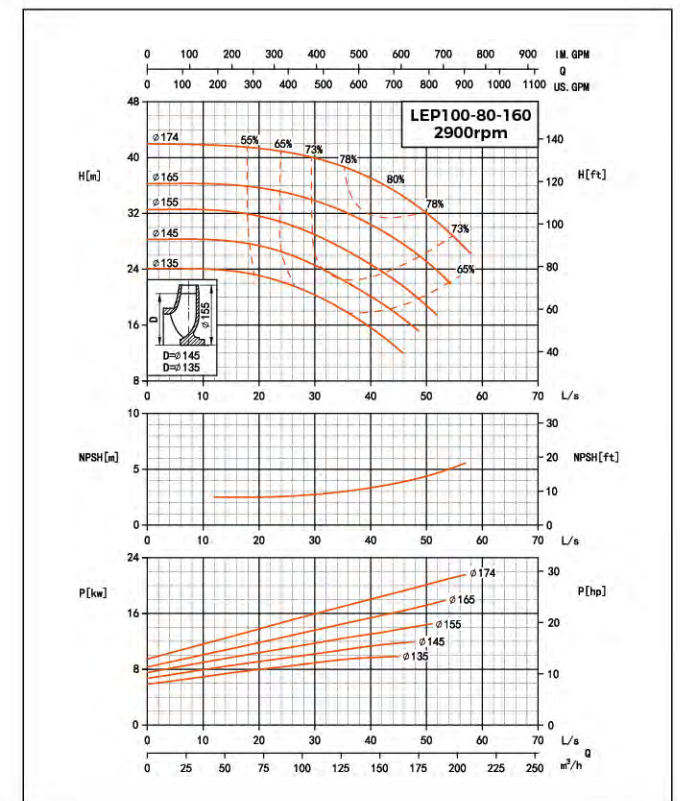
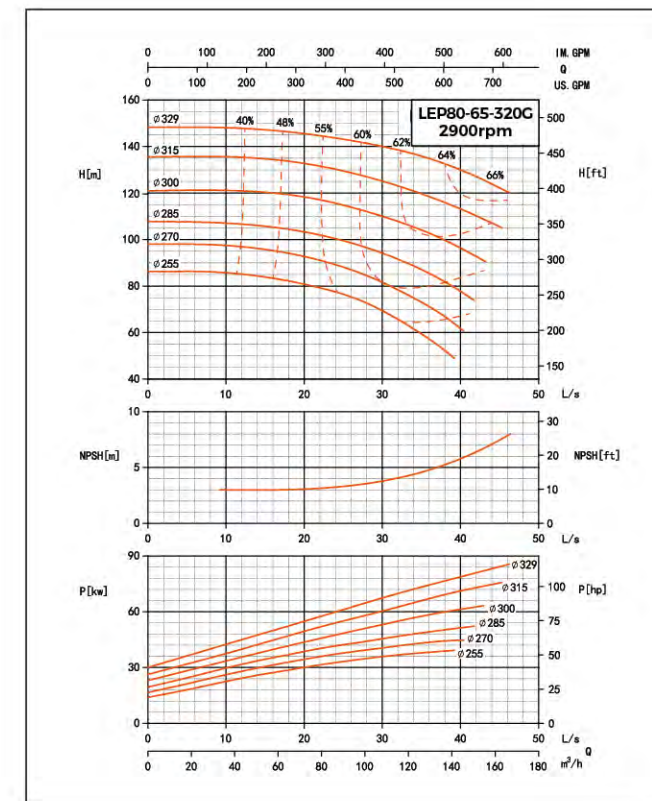
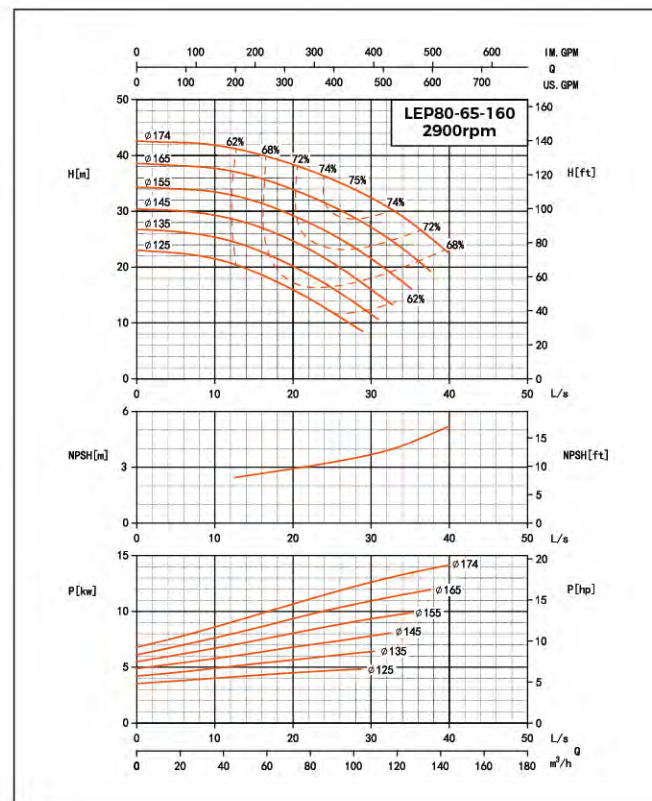
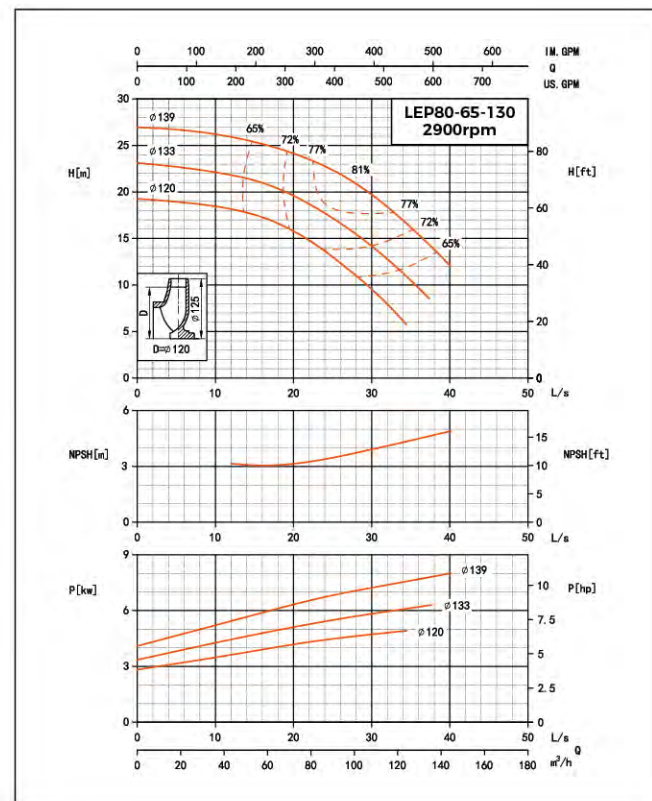
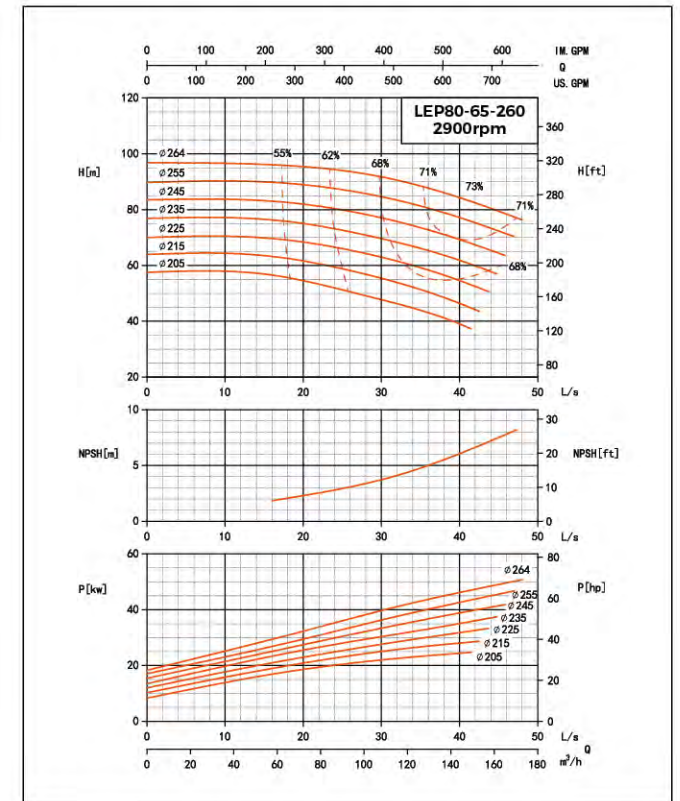
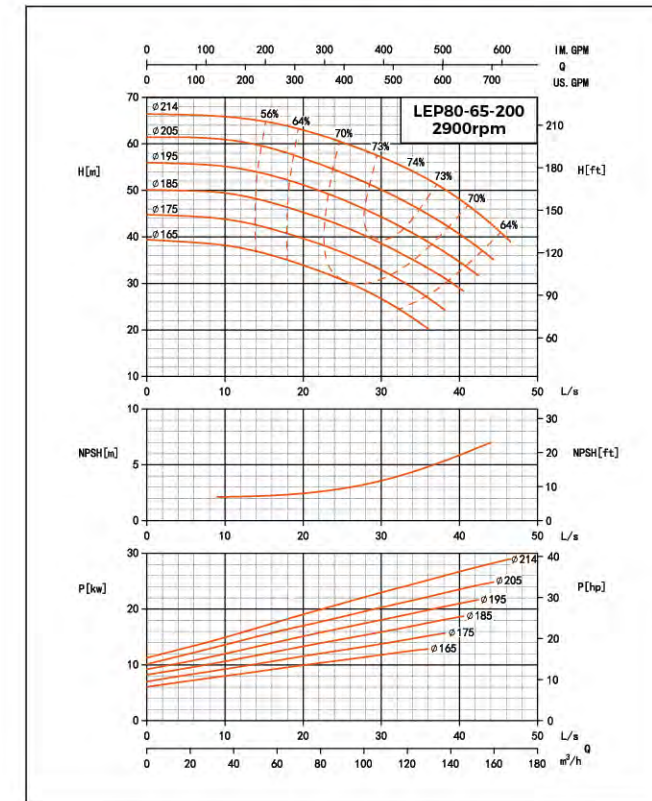
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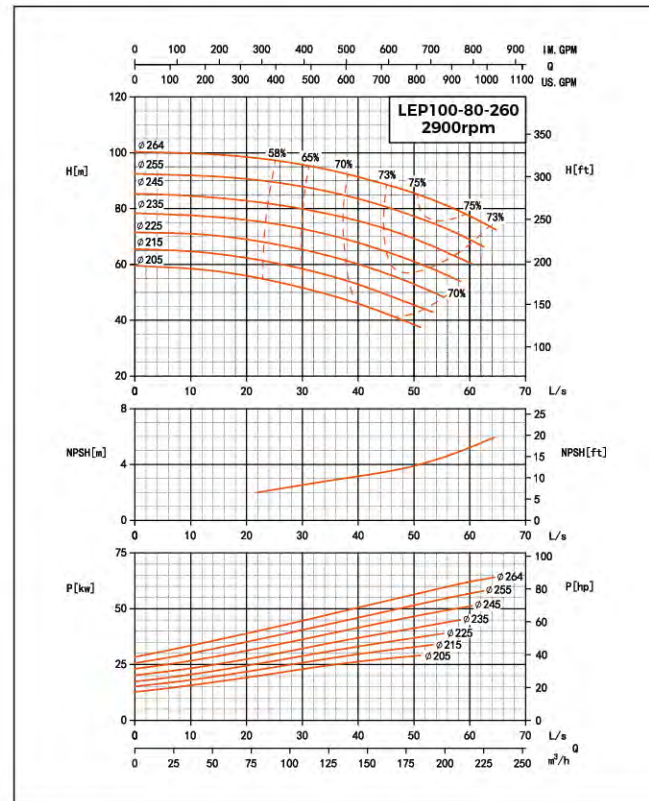
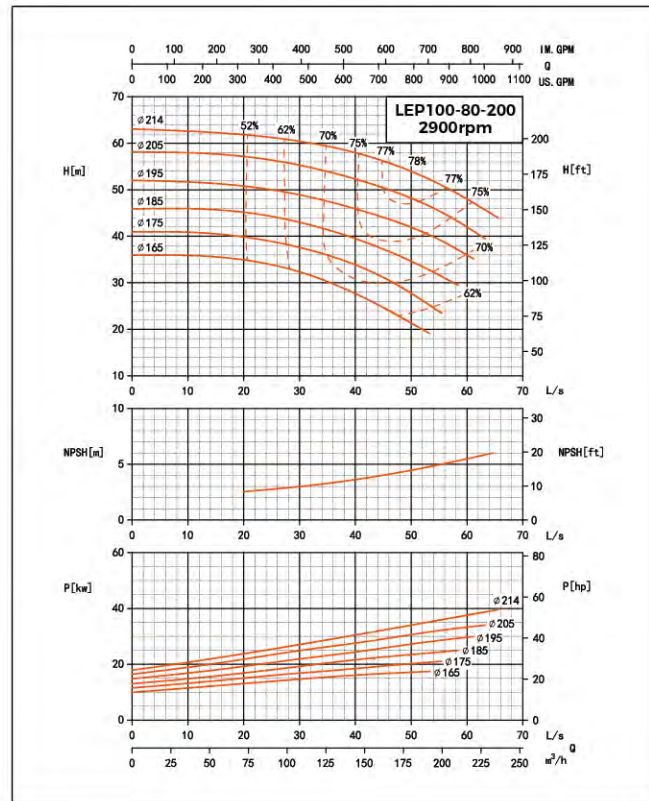
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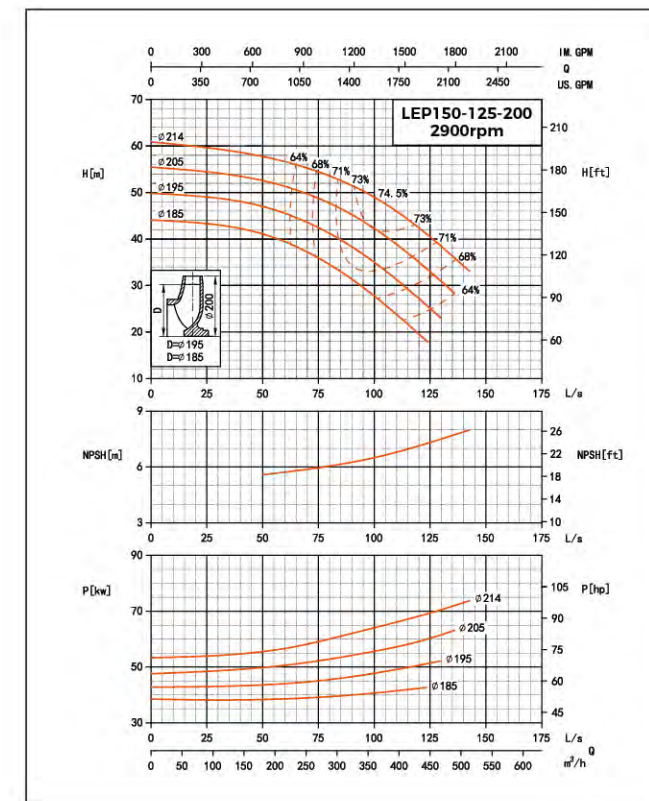
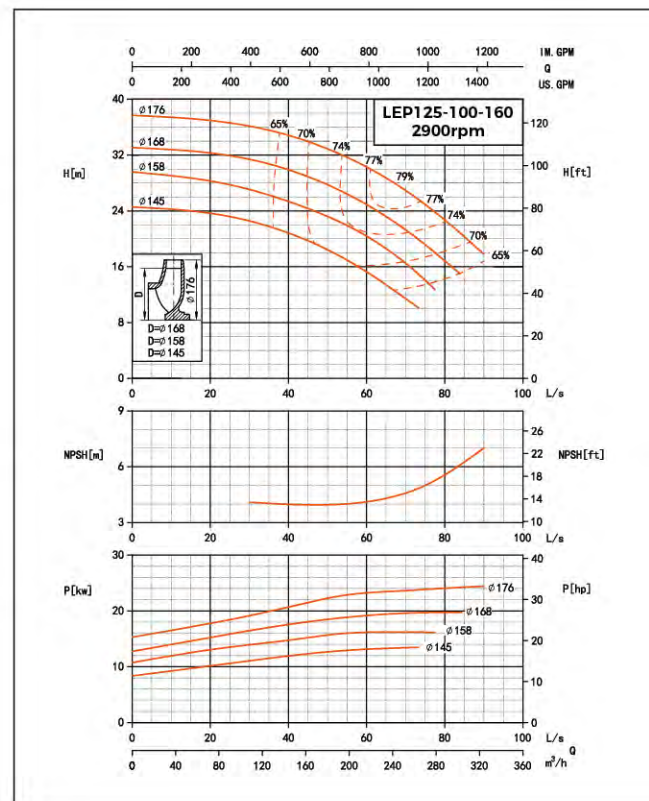
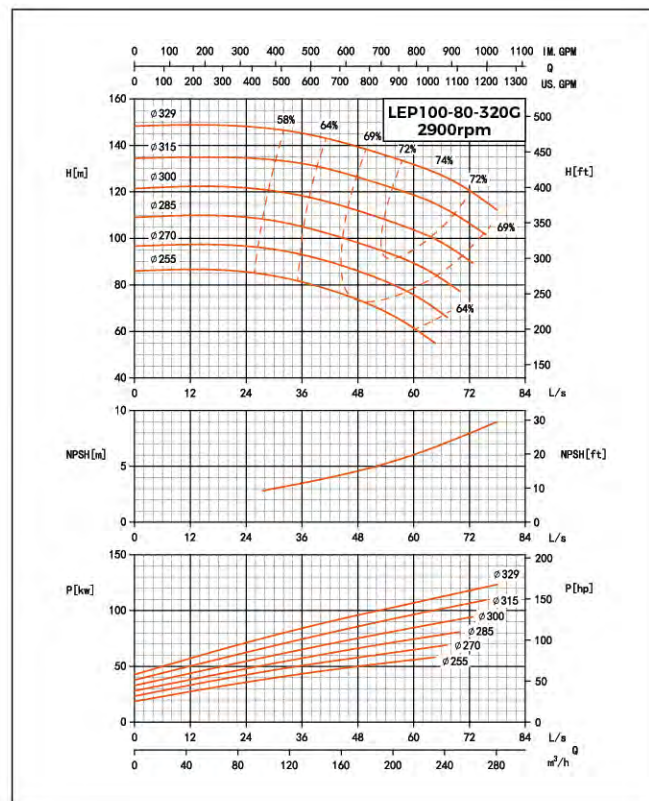
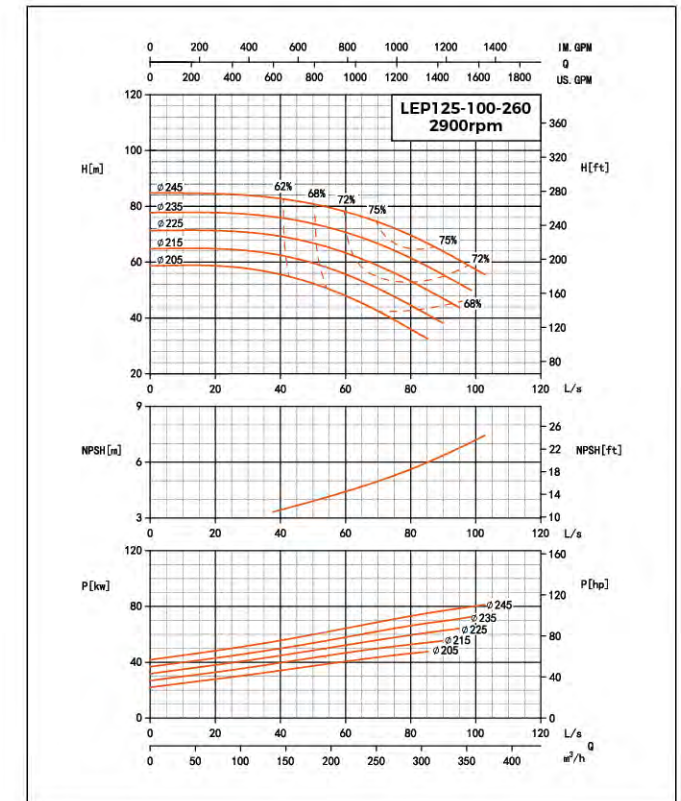
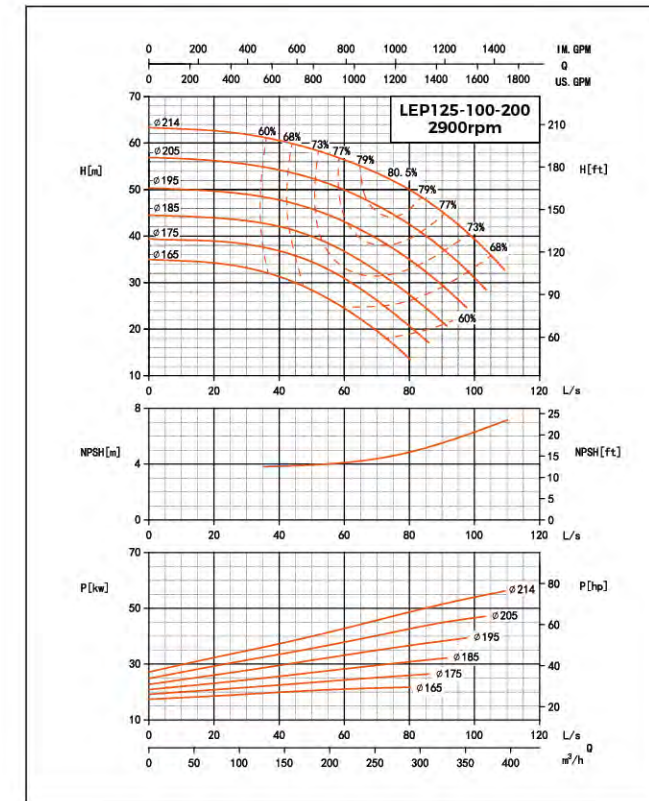
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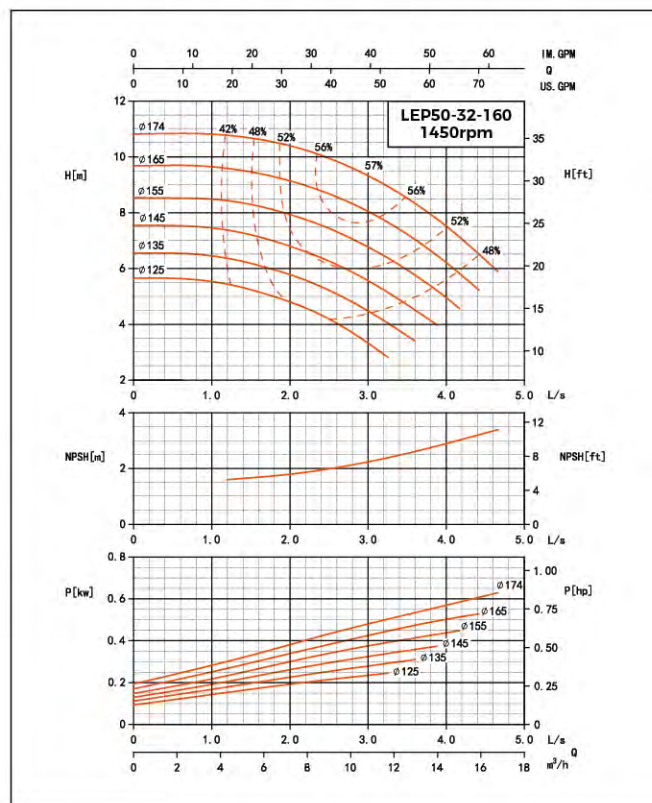
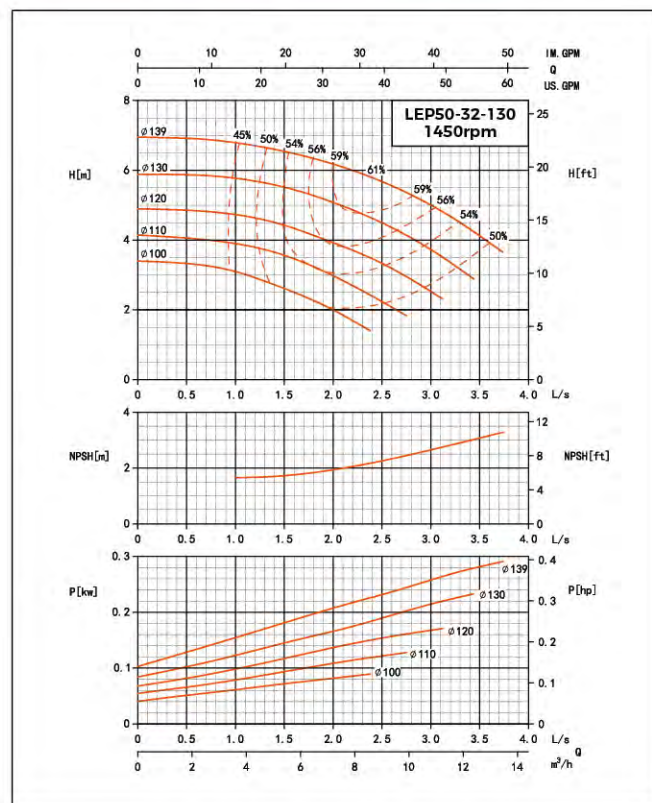
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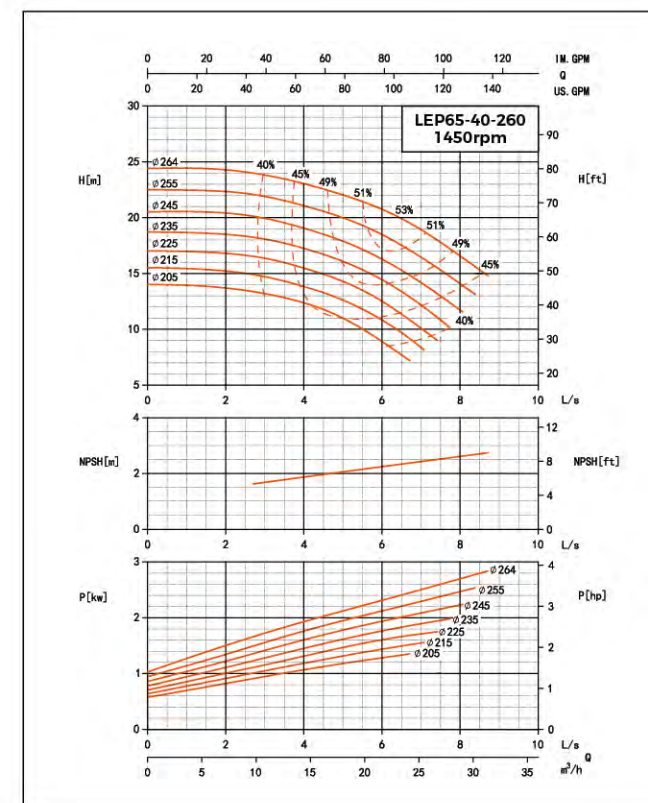
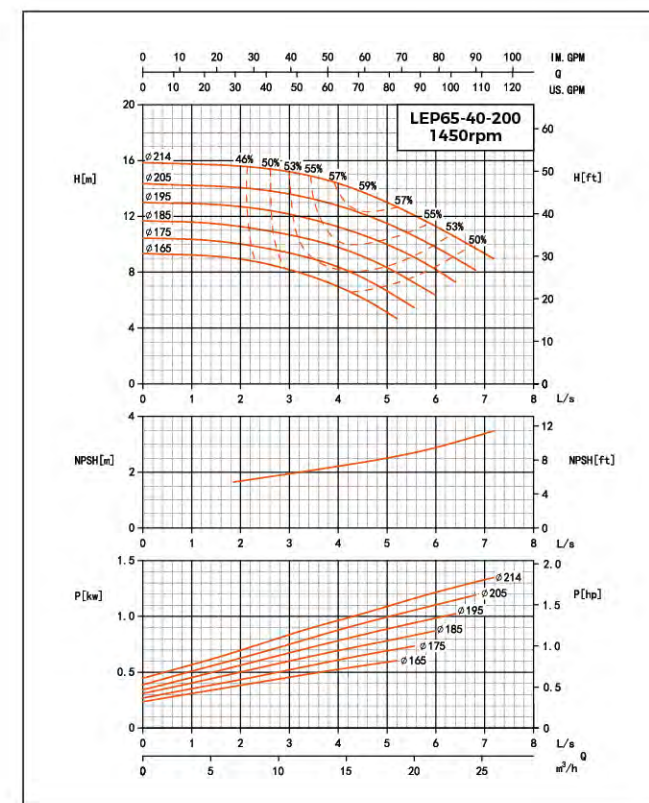
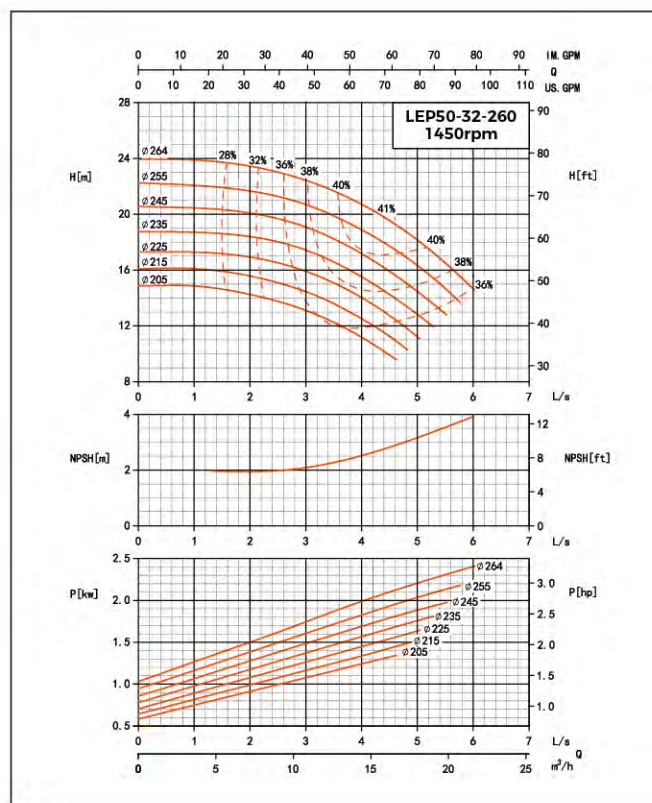
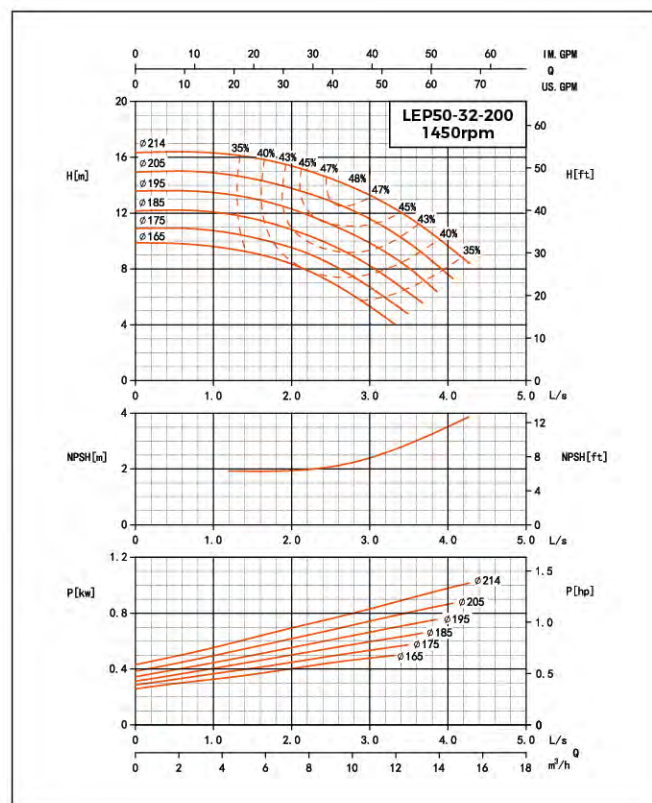
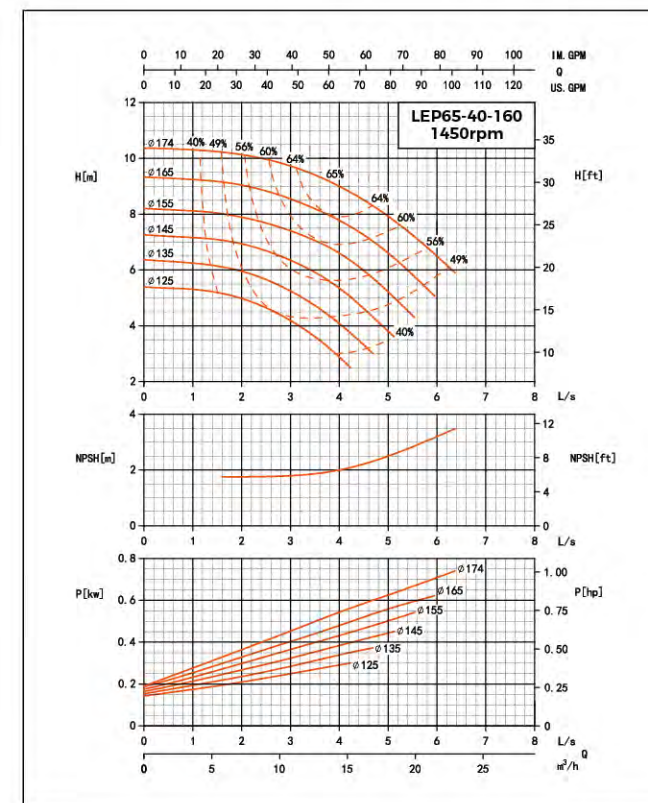
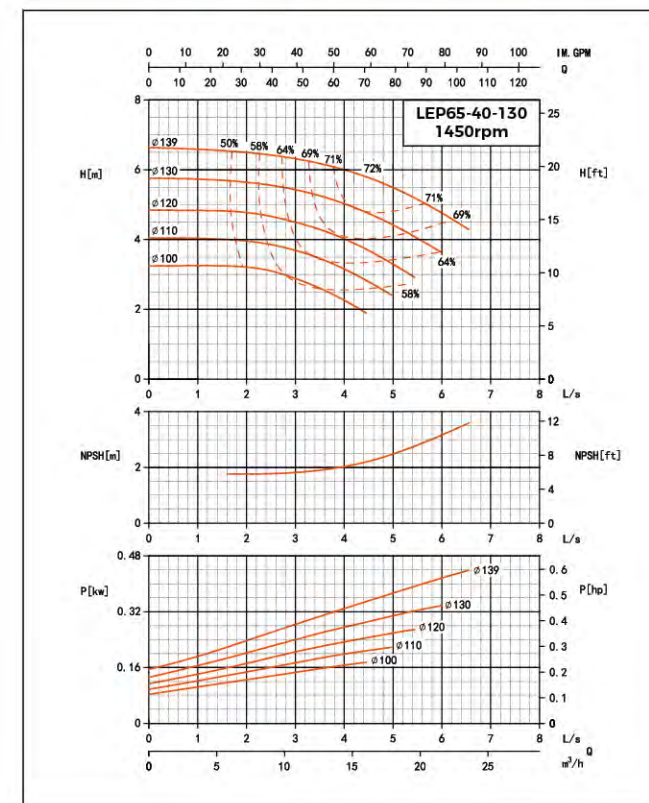
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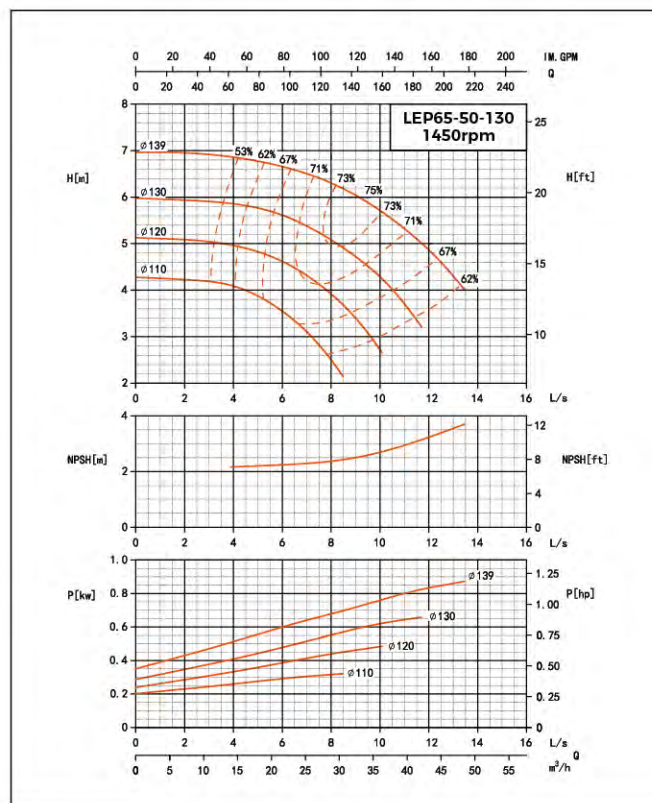
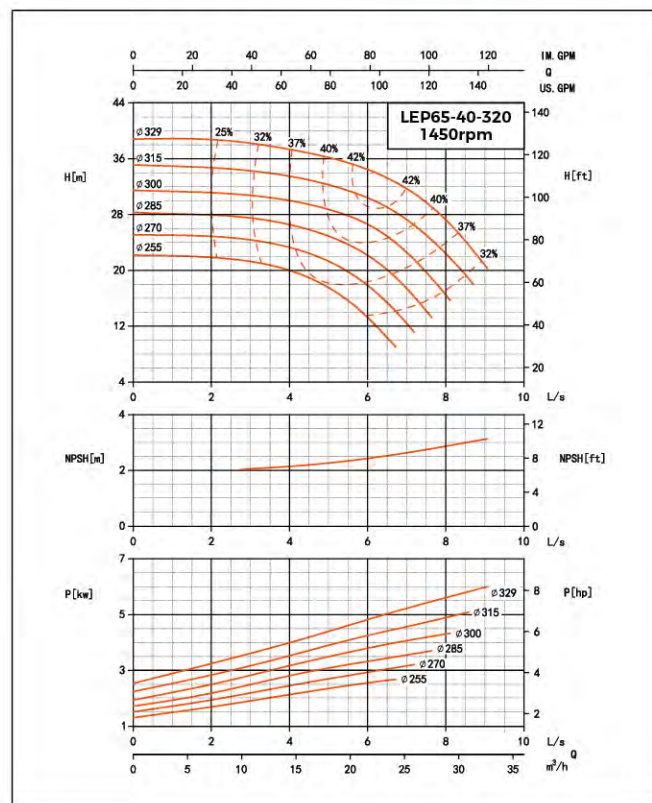
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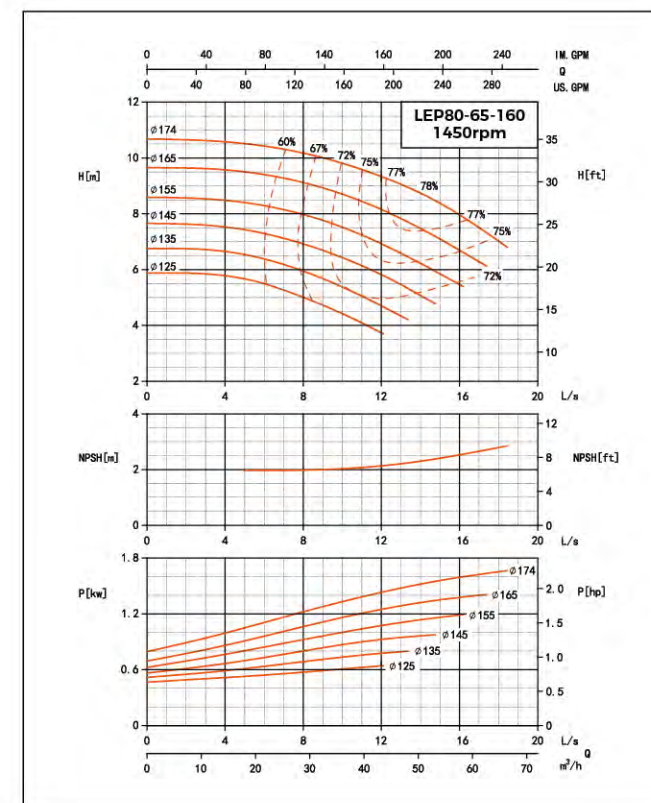
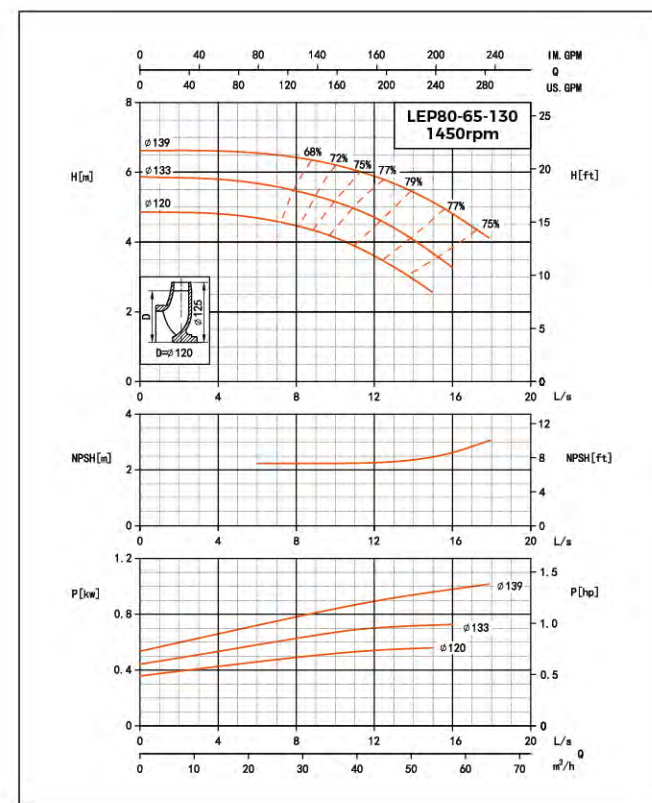
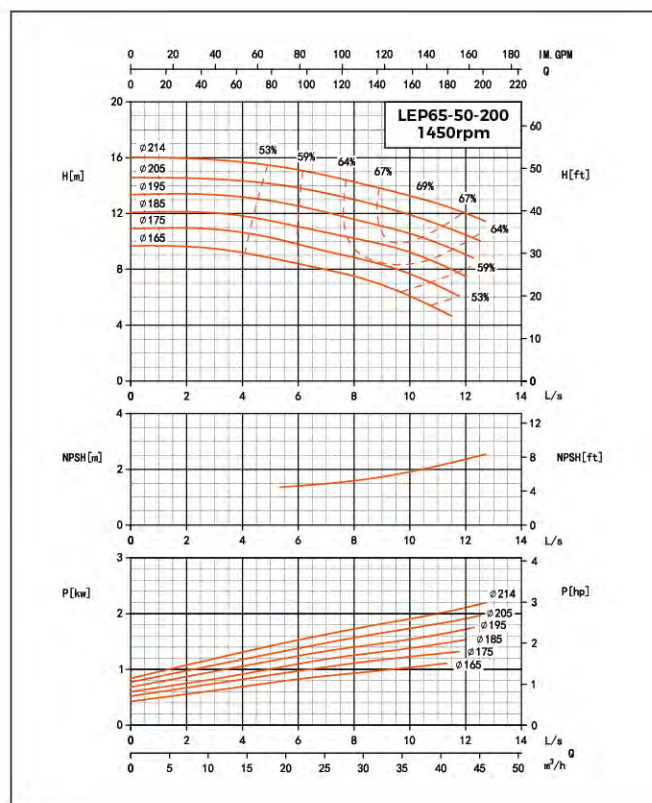
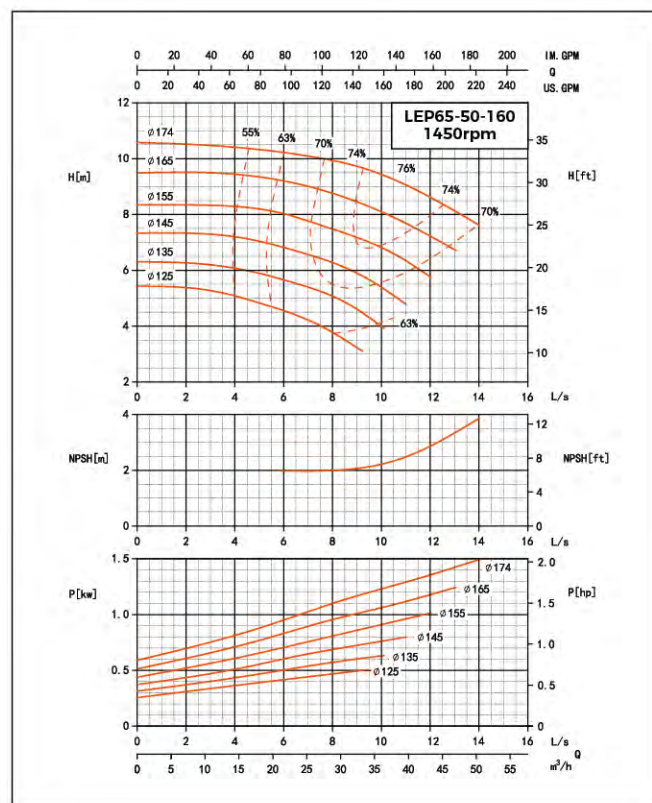
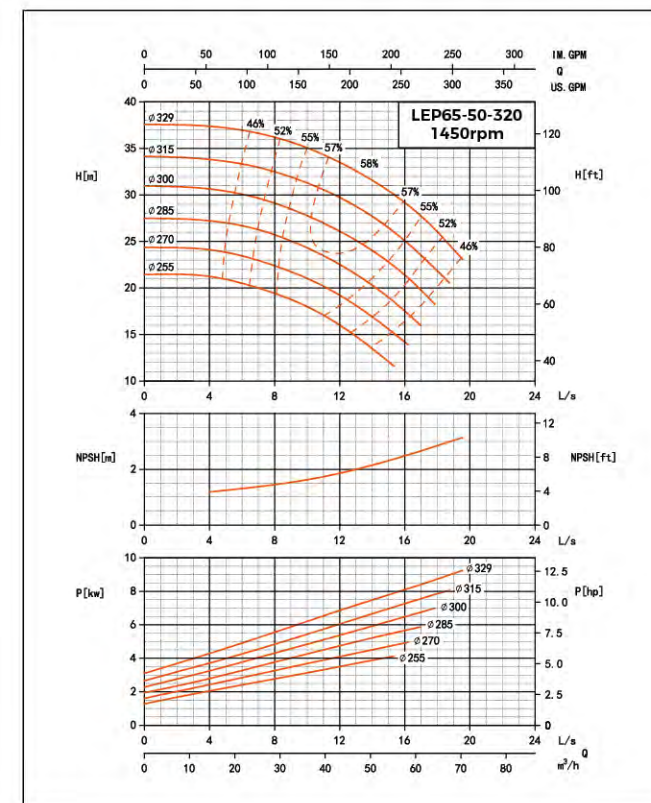
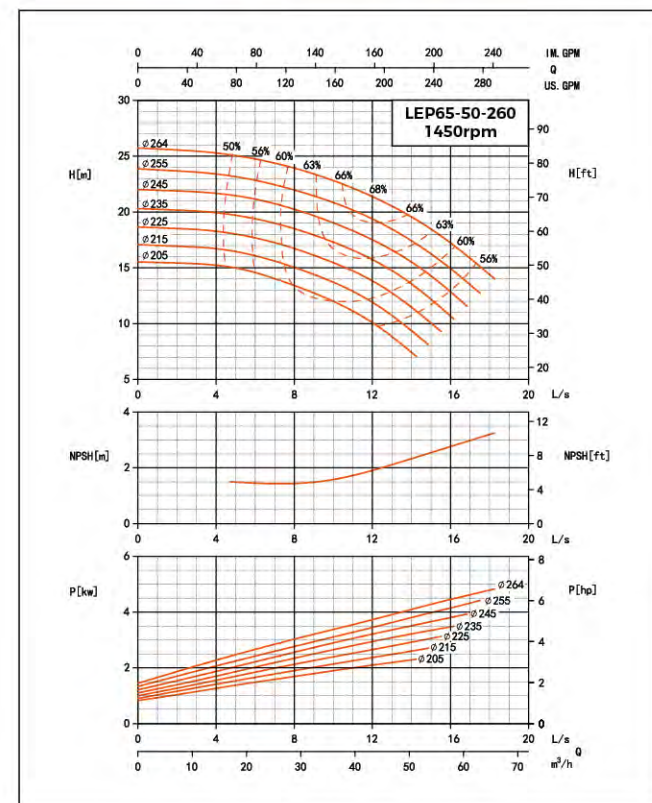
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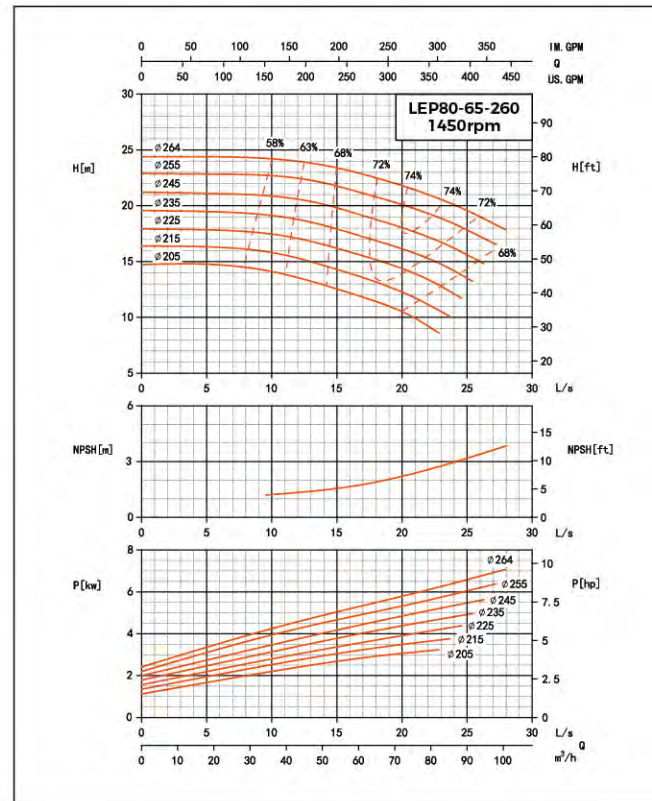
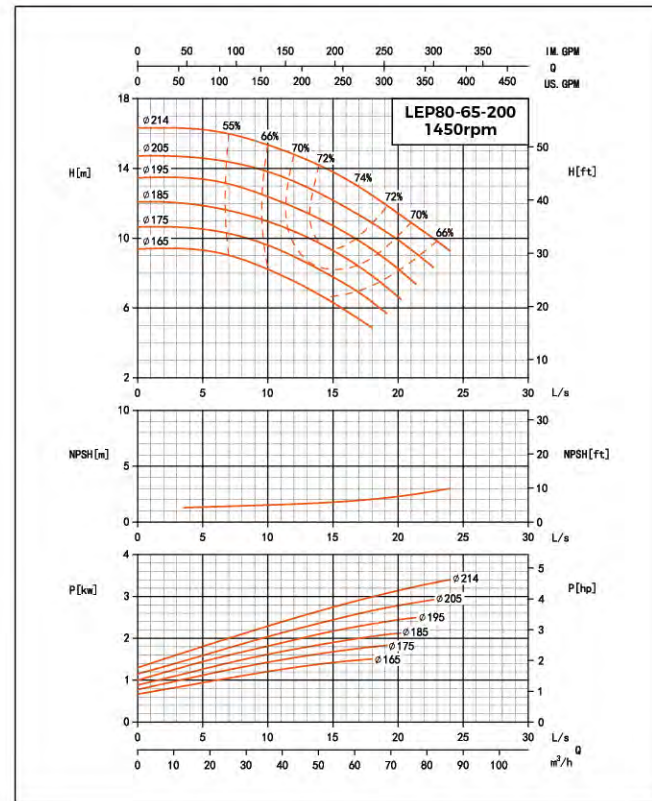
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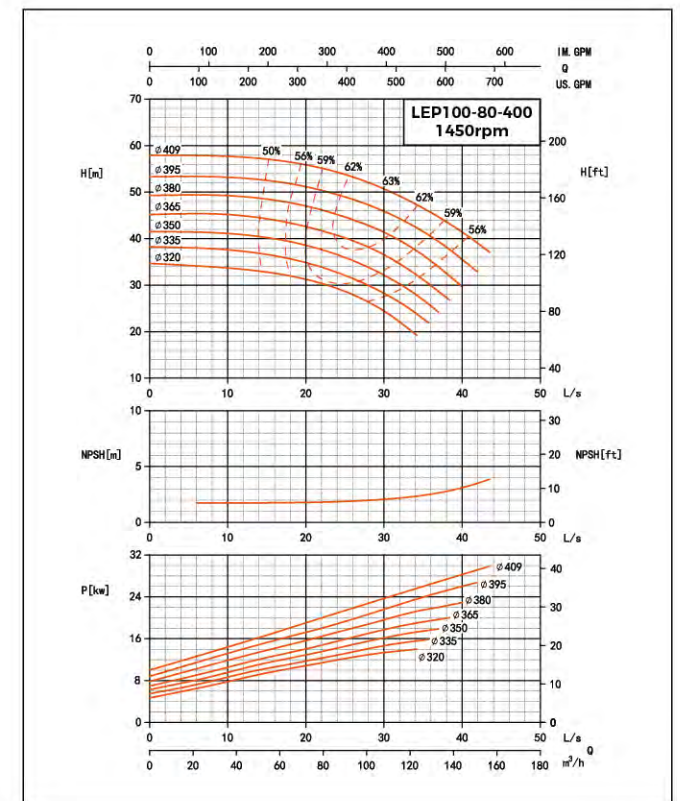
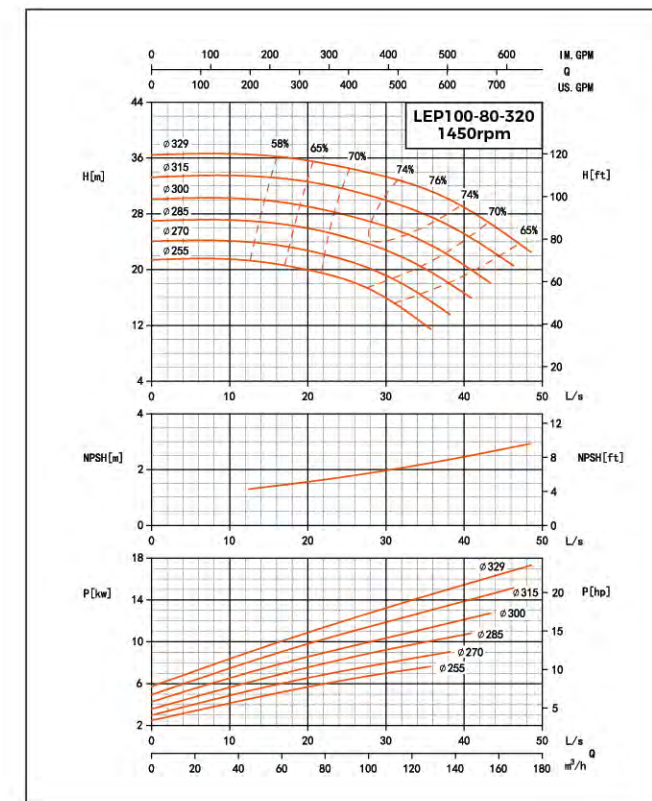
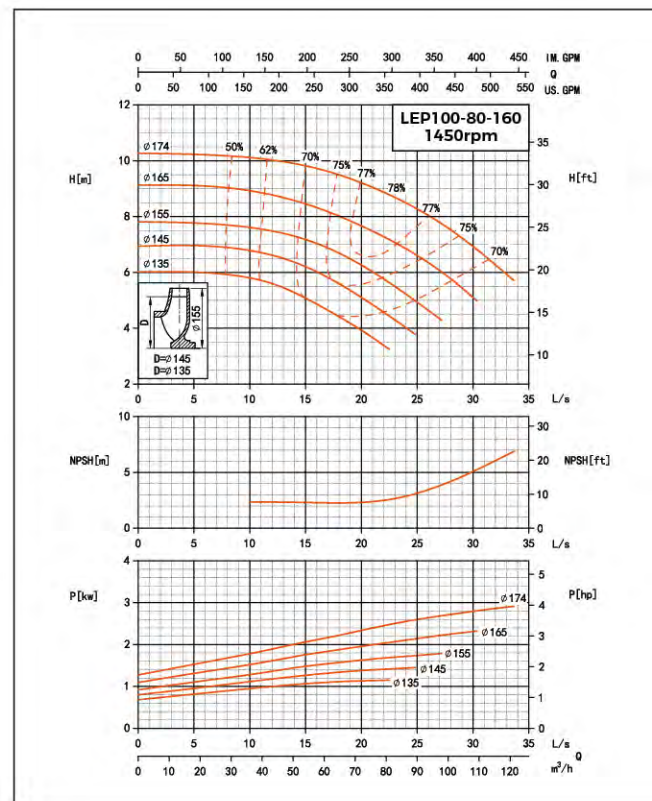
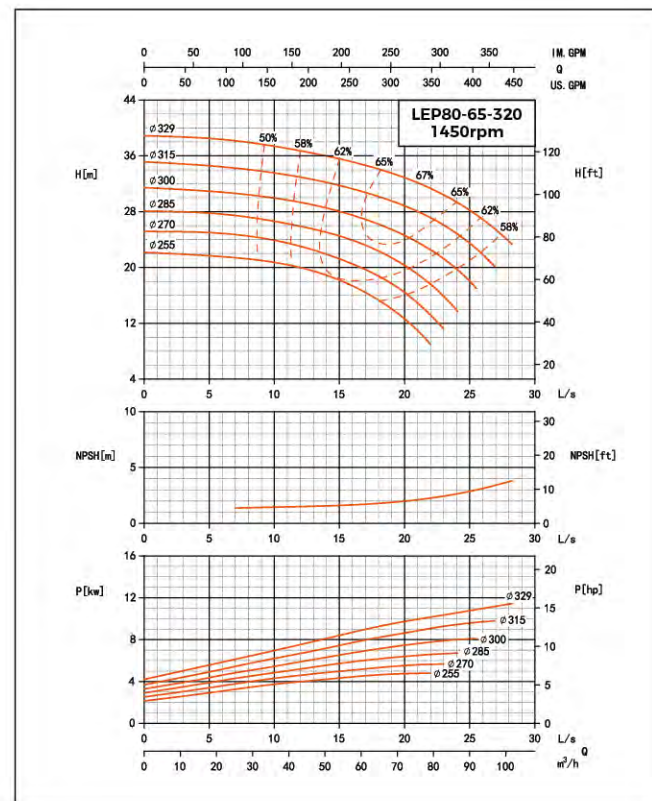
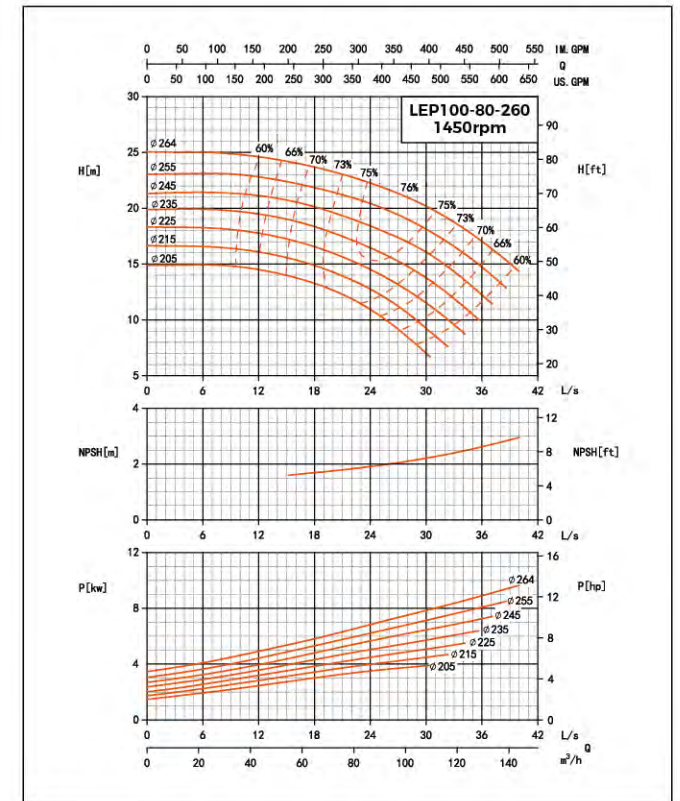
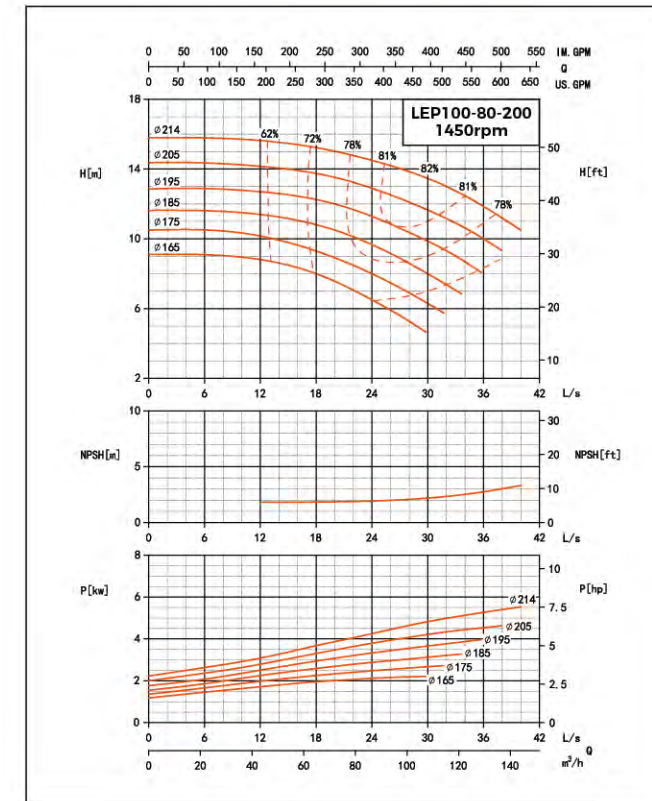
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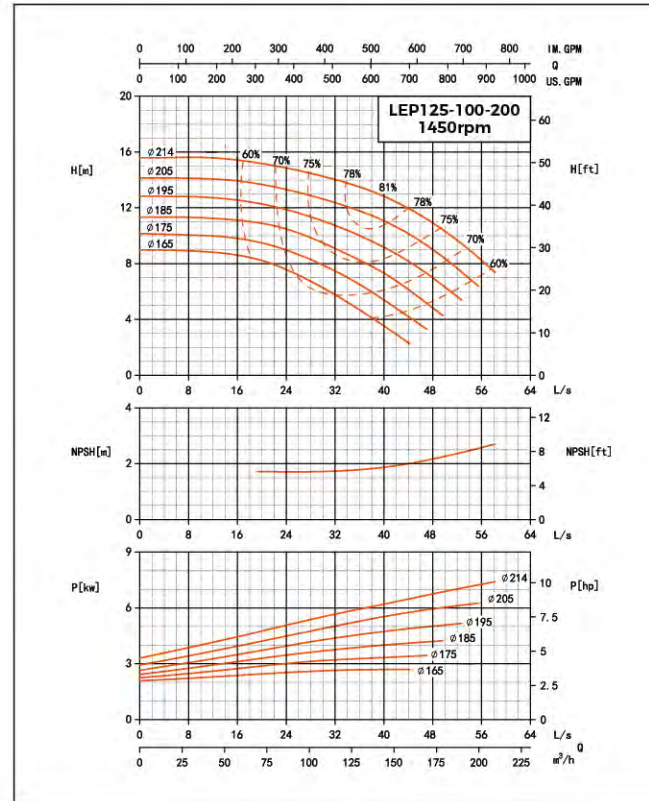
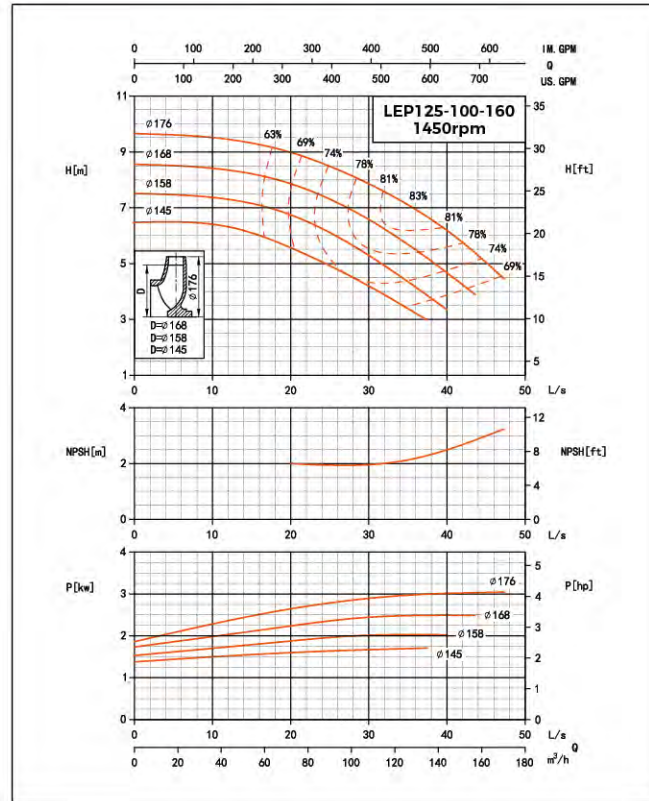
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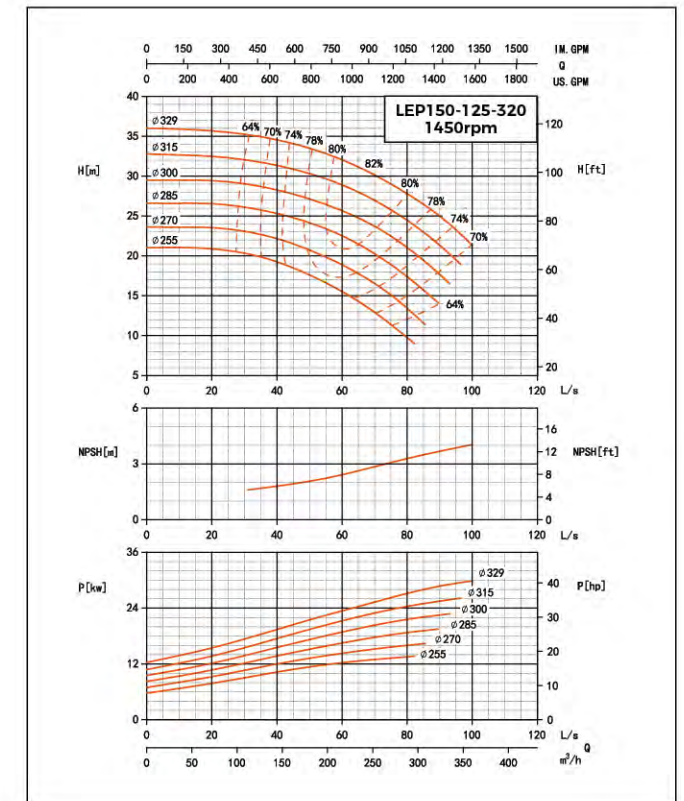
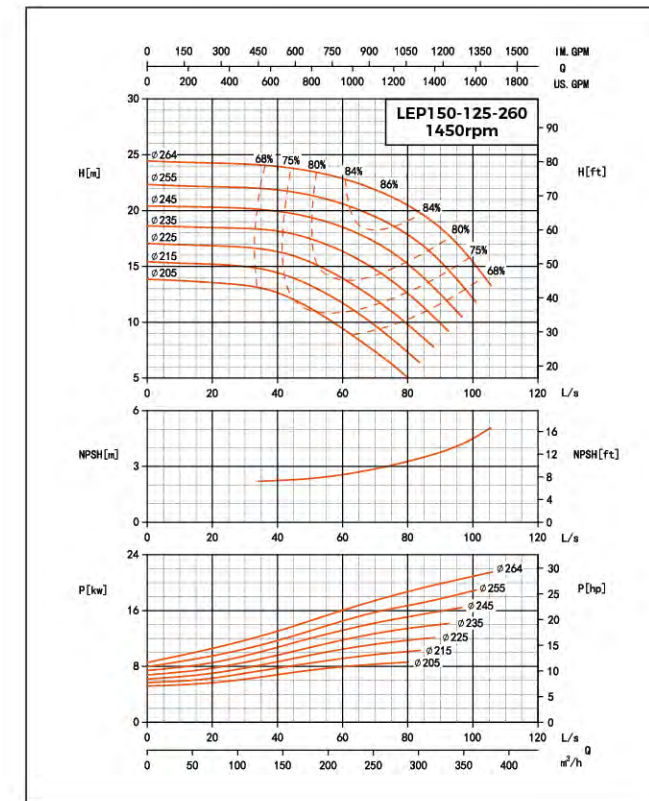
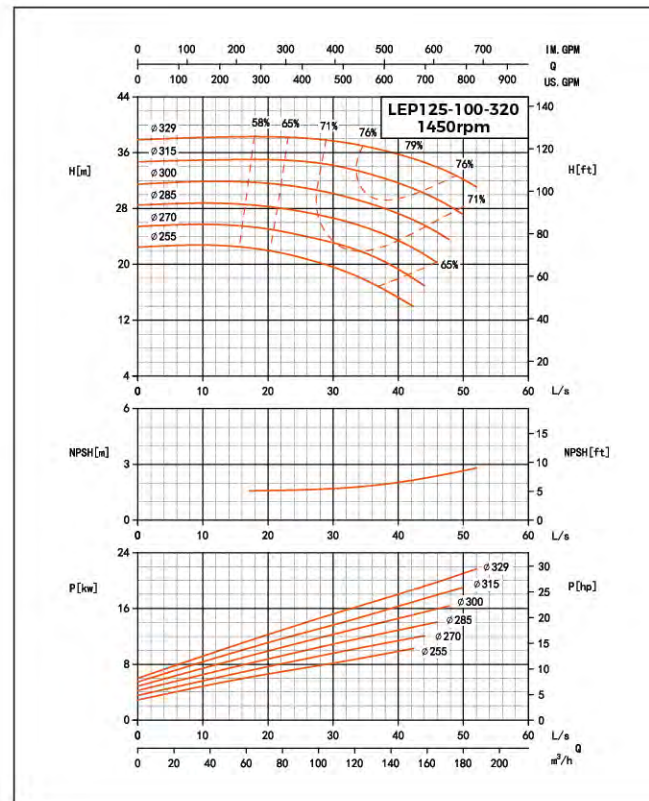
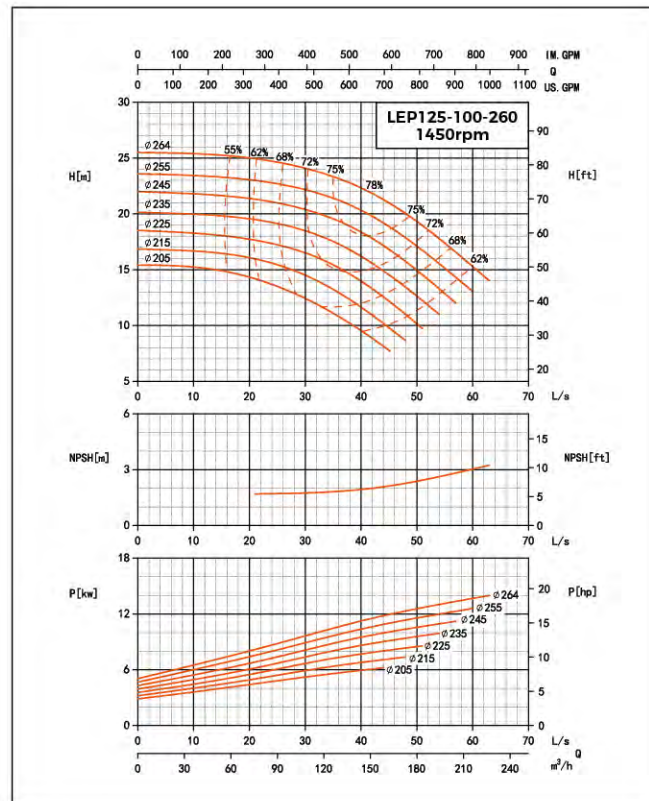
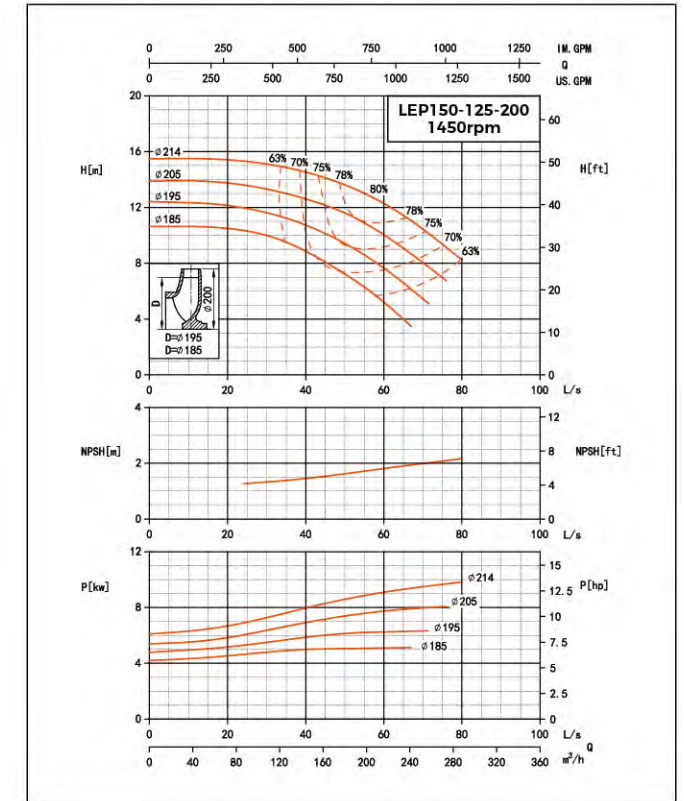
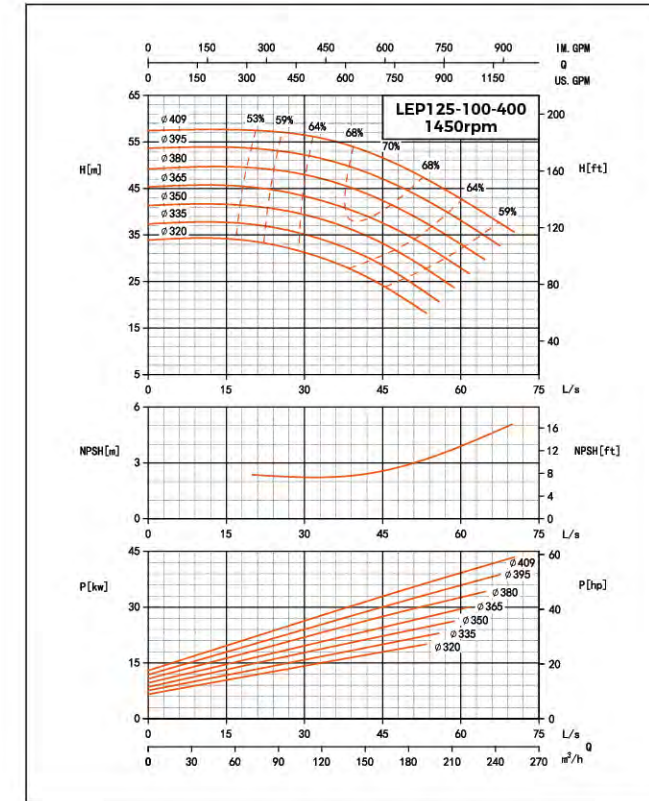
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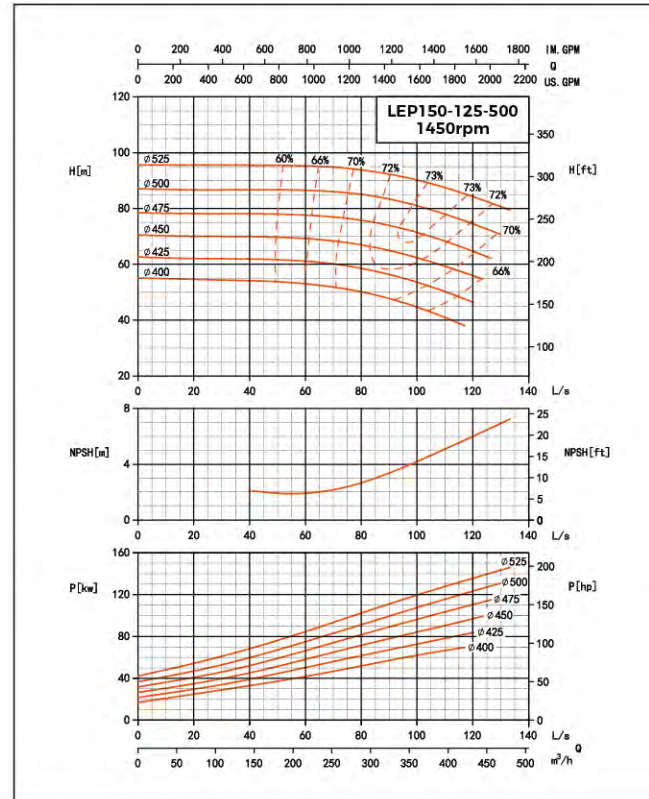
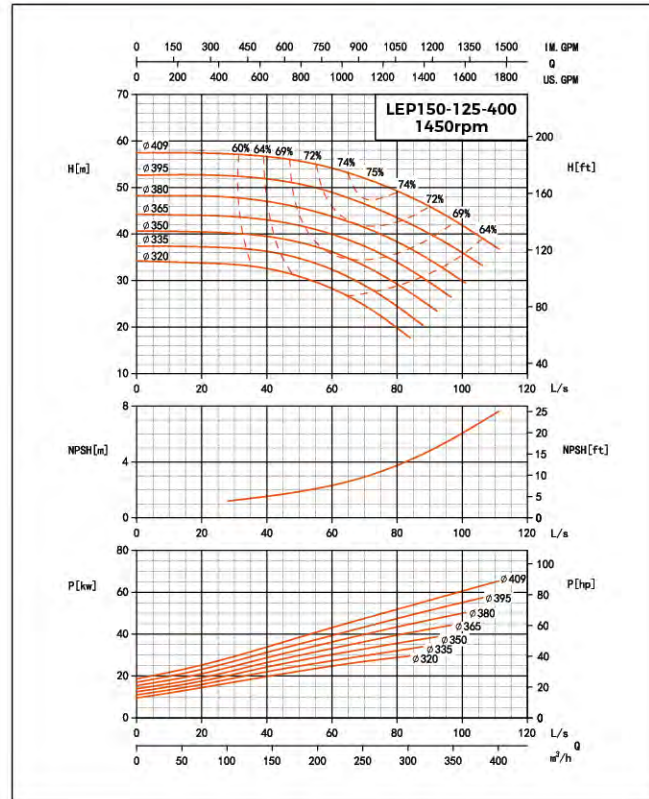
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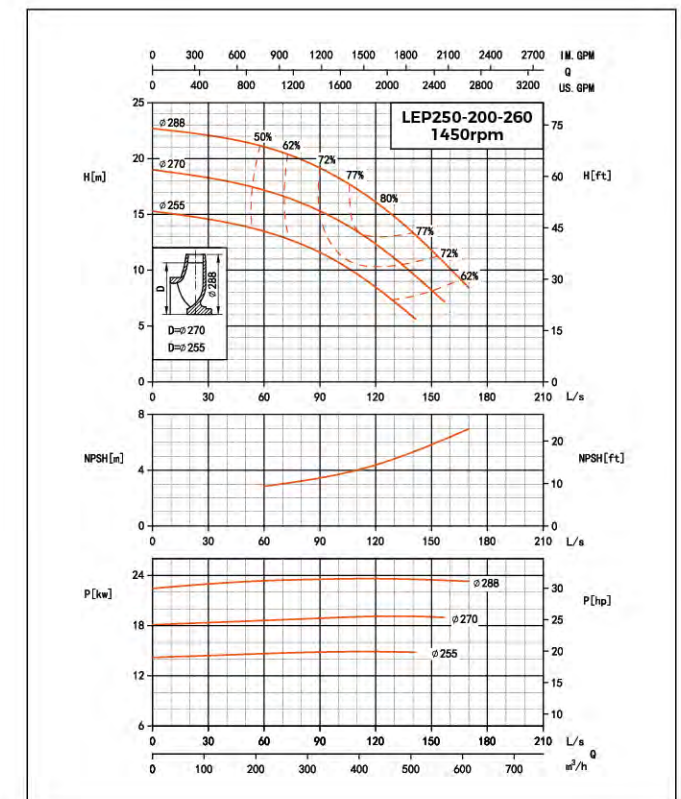
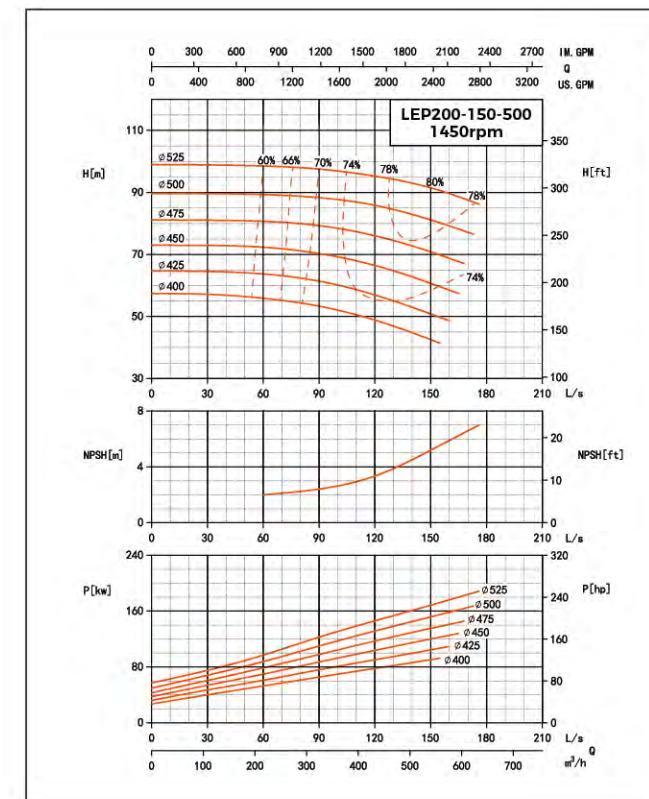
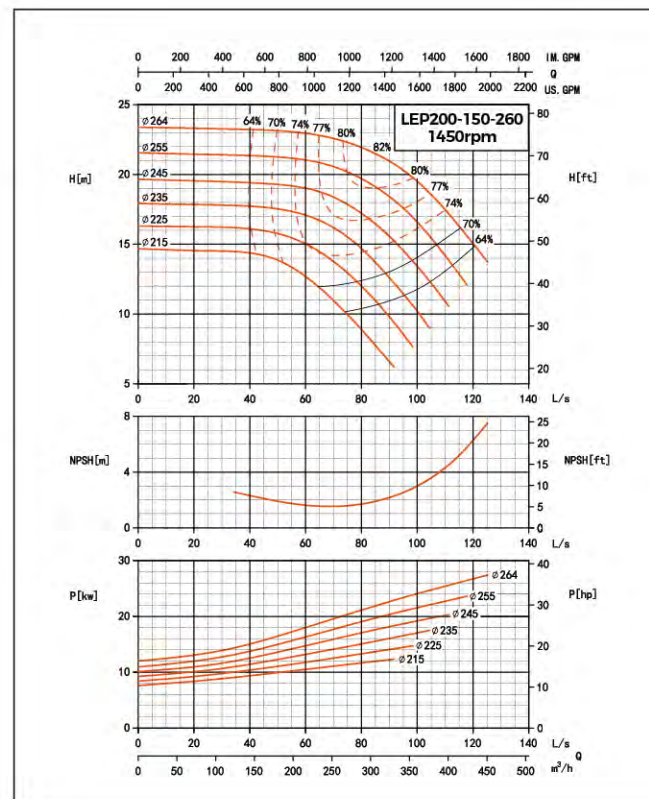
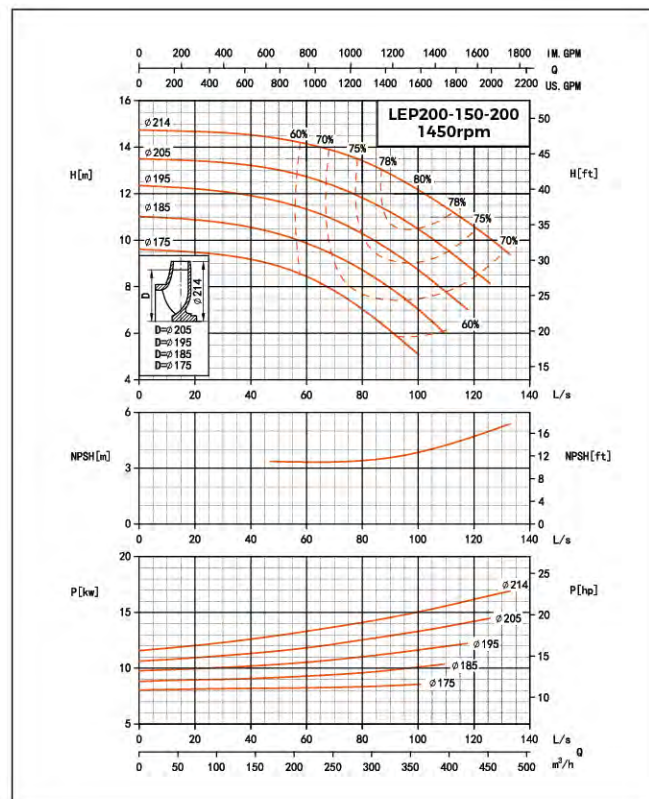
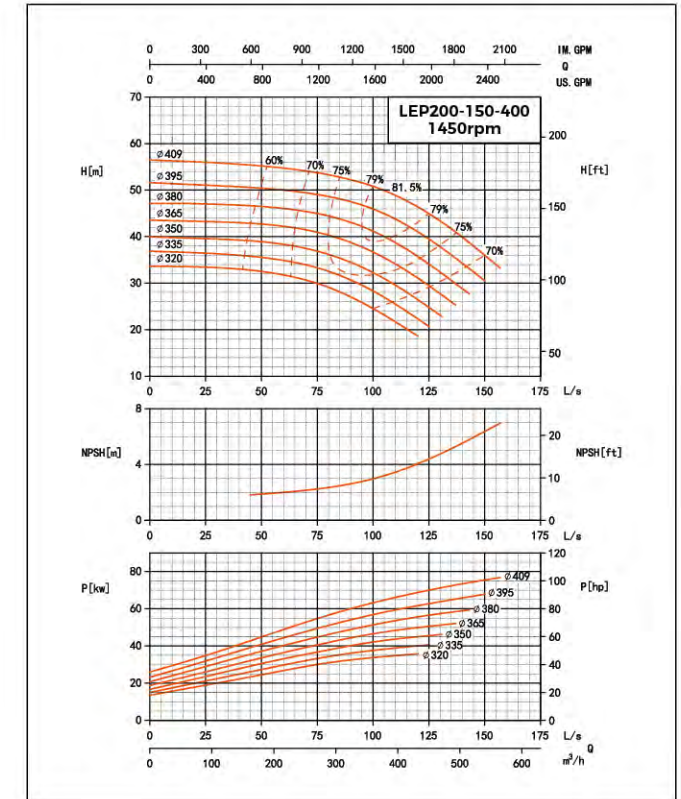
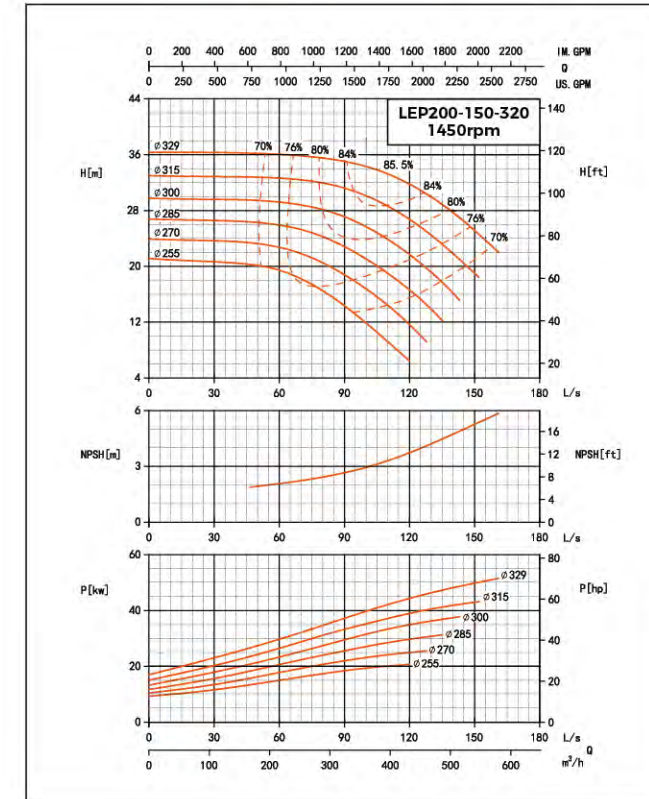
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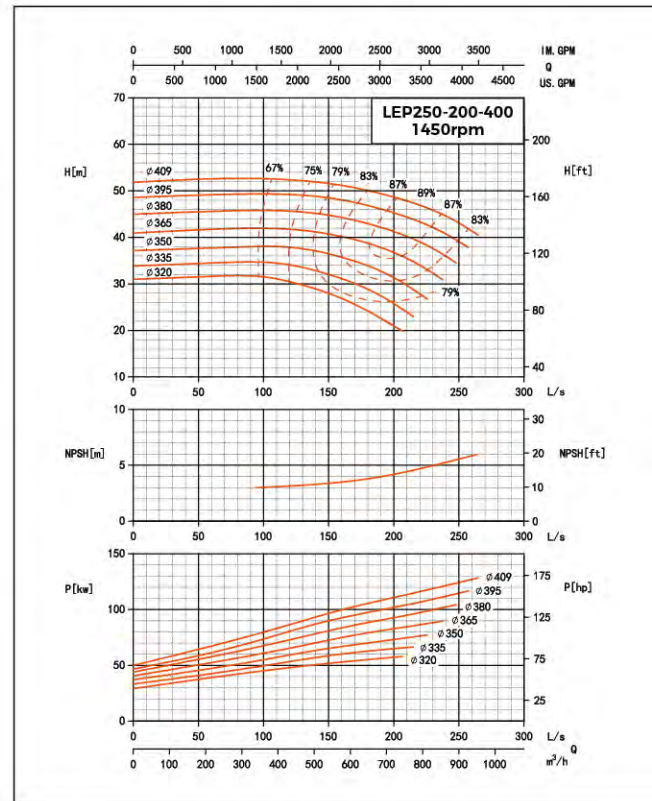
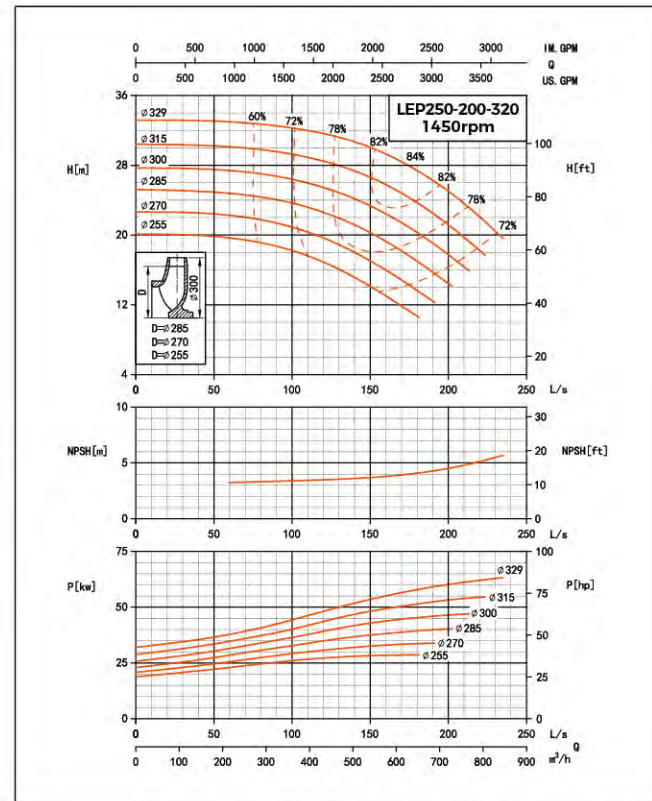
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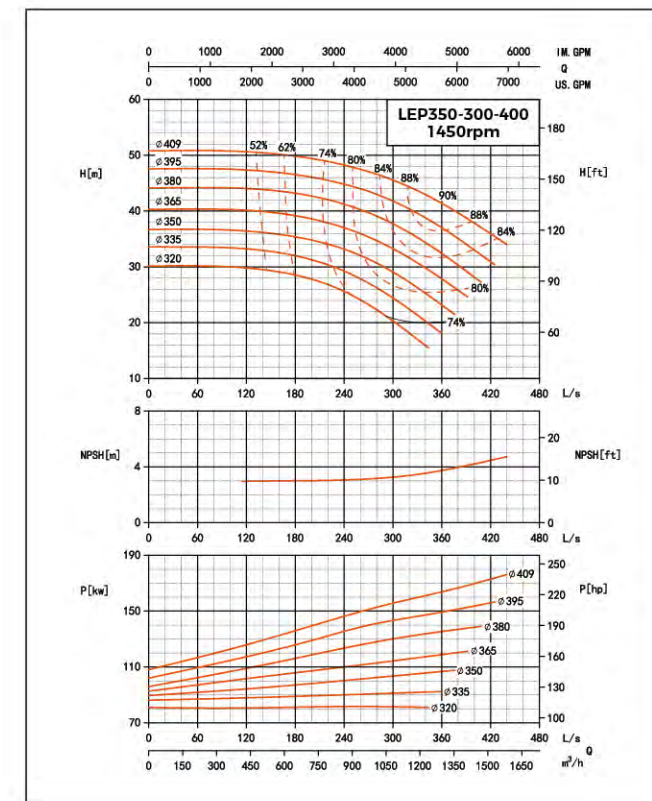
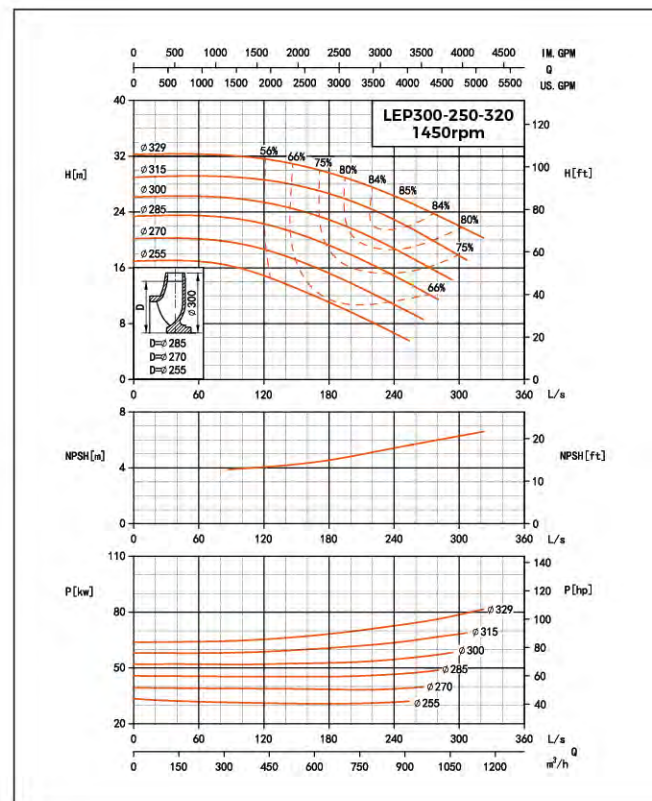
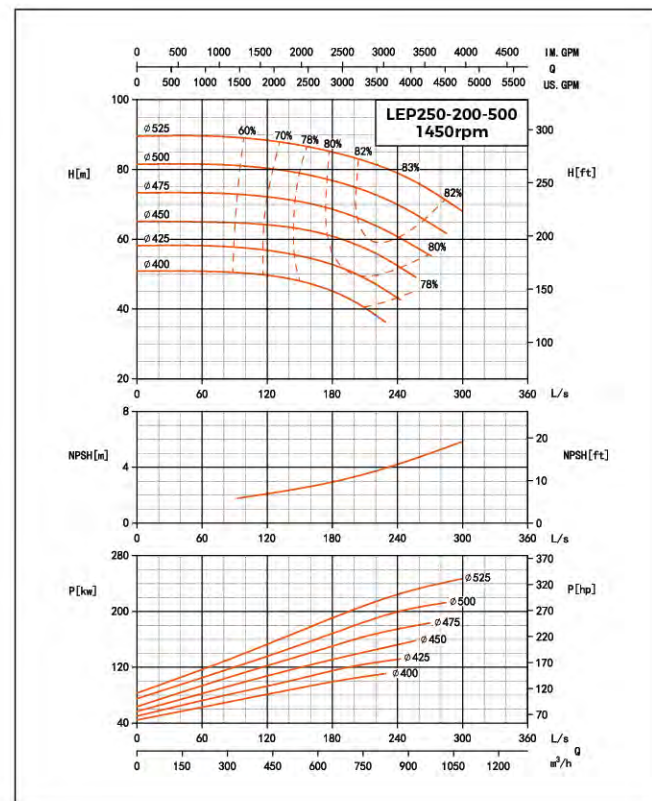
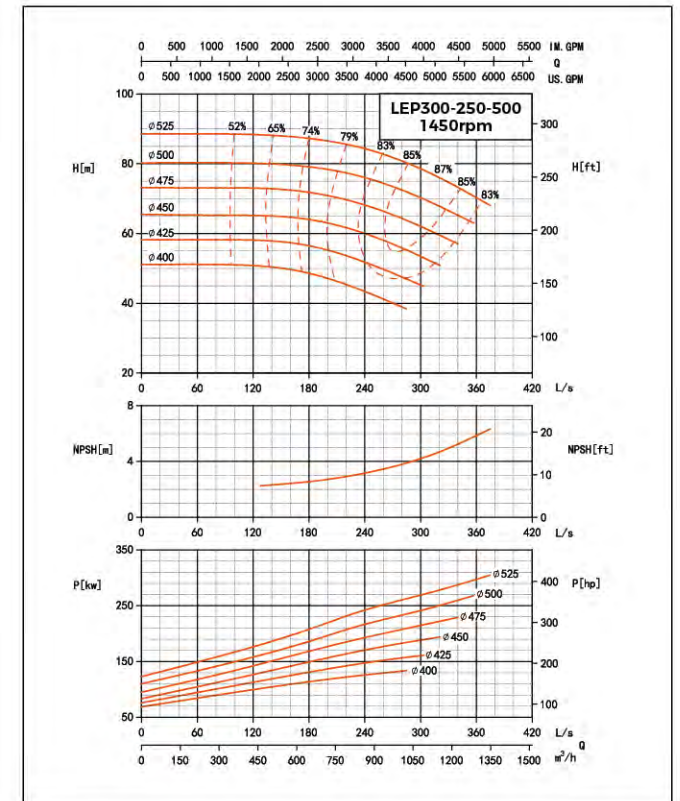
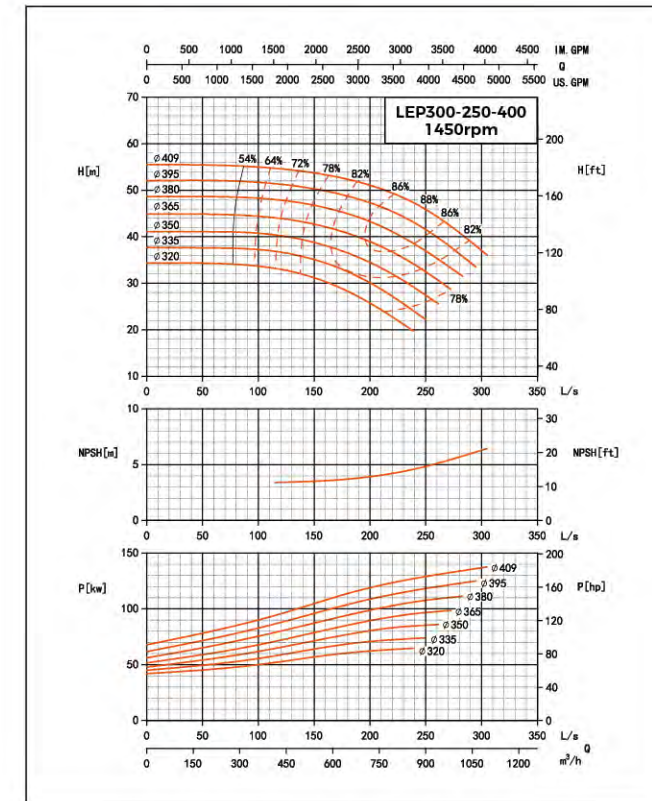
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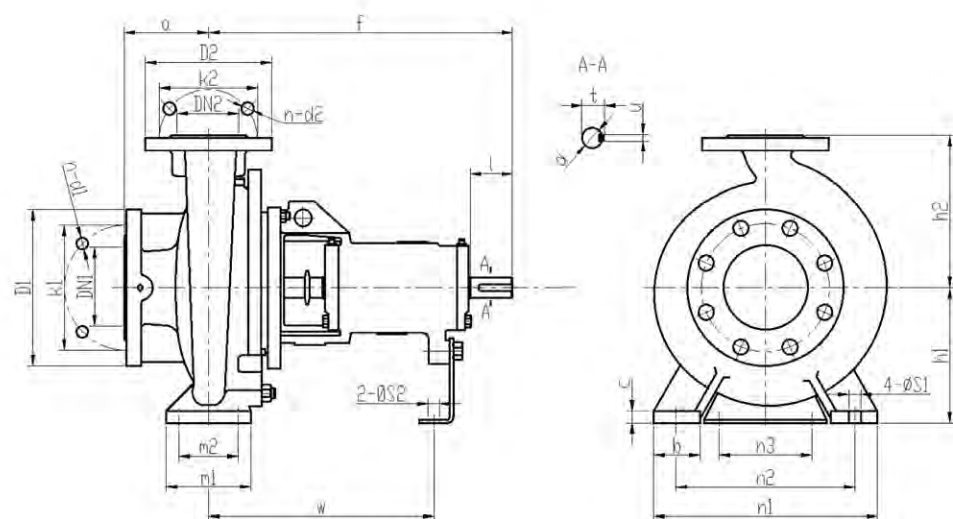
Hydraulic Performance Curves



Hydraulic Performance Curves



Dimension

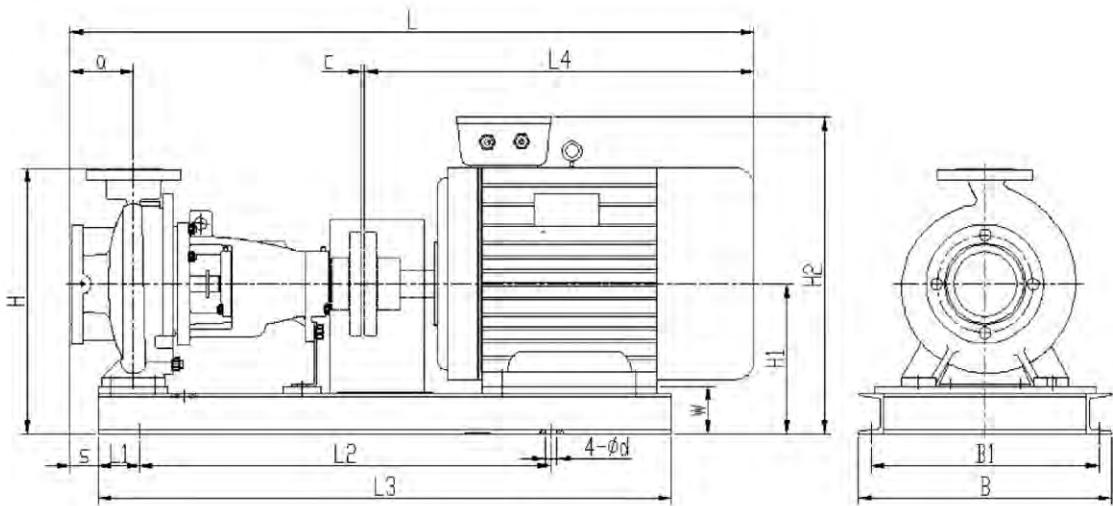


DN1/DN2	32	40	50	65	80	100	125	150	200	250	300	350	400
D1/D2	140	150	165	185	200	220	250	285	340	405	460	520	580
K1/K2	100	110	125	145	160	180	210	240	295	355	410	470	525
n-d1/n-d2	4-Φ18	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ22	12-Φ22	12-Φ26	12-Φ26	16-Φ26	16-Φ30

Model	Bearing ID (mm)	DN2	DN1	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	S2	w	d	l	t	u	Weig (Kg)																
LEP50-32-130	25	32	50	80	360	112	140	50	14	100	100	70	190	140	14	14	267	24	50	27	8	29																
LEP50-32-160						132	160			240			190	35																								
LEP50-32-200						160	180			240			190	47																								
LEP50-32-260				180		225	320	250		58																												
LEP65-40-130		40	65	80	360	112	140	50		100	100	70	210	160								31																
LEP65-40-160						132	160			240			190	34																								
LEP65-40-200						160	180			265			212	45																								
LEP65-40-260						180	225			320	250	61																										
LEP65-40-320	125			470	200	250	65	110		125	95	345	280	14								14	342	32	80	35	10	94										
LEP65-40-320									200						250	107																						
LEP65-40-320G									526						200	250	105																					
LEP65-50-130	25	50	100	360	132	160	50	100		100	70	240	190	35																								
LEP65-50-160					160	180		265				212	39																									
LEP65-50-200					160	200							49																									
LEP65-50-260					180	225		320	250	68																												
LEP65-50-260G				125	470	225	280	65	110	125	95	345	280	14	14	344	32	80	35	10	65																	
LEP65-50-320																					342	113																
LEP65-50-320G																					367	42	110	45	12	105												

Model	Bearing ID (mm)	DN2	DN1	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	S2	w	d	l	t	u	Weight (Kg)										
LEP80-65-130	25	65	80	100	360	160	180		14	125	95	280	212	18	267	24	50	27	8		41											
LEP80-65-160						160	200														47											
LEP80-65-200						180	225														55											
LEP80-65-200G	35			465	200	250	80	15	160		120	360	280		339	32	80	35	10		60											
LEP80-65-260																					470	225	280	18	400	315	342	42	110	45	12	87
LEP80-65-320																																525
LEP80-65-320G	45																															
LEP100-80-160	25	80	100	125	360	180	225	65	14	125	95	320	250	14	267	24	50	27	8		53											
LEP100-80-200	470					180	250					76																				
LEP100-80-260						200	280					95																				
LEP100-80-320	526					250	315	80	16		342	32	80	35	10	118																
LEP100-80-320G						530	280	355	83								18	367	42		110	45	12	130								
LEP100-80-400	45																															
LEP125-100-160	35	100	125	140	470	200	250	80	16	160	120	360	280	18	342	32	80	35	10		87											
LEP125-100-200						225	280					80	16								342	32	80	35	10	84						
LEP125-100-260						250	315					80	16								342	32	80	35	10	102						
LEP125-100-320	526			250	315	80	16	367	42		110	45	12	118																		
LEP125-100-320G				530	280	355	100														20	370	42	110	45	12	130					
LEP125-100-400	45																															
LEP150-125-200	35	125	150	160	470	250	315	80	16	160	120	400	315	18	342	32	80	35	10		112											
LEP150-125-260						250	355					80	16								342	32	80	35	10	117						
LEP150-125-320	530					280	355					80	16								342	32	80	35	10	155						
LEP150-125-400	530			315	400	80	16	342	32		80	35	10	170																		
LEP200-150-200				500	280	400	80	16	342		32	80	35	10							133											
LEP200-150-260	45			150	200	160	530	250	355		100	18	200	150							450	350	23	370	42						163	
LEP200-150-320		315	450					80	16	342					32	80	35	10	170													
LEP200-150-400		315	450					80	16	342					32	80	35	10	207													
LEP200-150-500	55	670	375			500	80	16	342	32	80	35		10	330																	
LEP250-200-260	45	200	250			180	555	315	450	80	16	342		32	80	35	10	219														
LEP250-200-320	55						670	315	480	120	20	342		32	80	35	10	280														
LEP250-200-400				335	480		120	30	342	32	80	35	10	328																		
LEP250-200-500	65	200	250	200	720	425	560	100	22	140	200	150	660	560	23	19	515	60	140	64	18	450										
LEP300-250-320	55	250	300	220	691	355	520	150	26	110	250	200	660	510	28	14	525	48	110	51	14	360										
LEP300-250-400					682	400	560										390															
LEP300-250-500	65	250	300	250	720	450	670	120	32	140	240	190	750	650	23	19	515	60	140	64	18	550										
LEP350-300-400		300	350	300	720	425		120	30		250	190	760	660	30		515	60	140	64	18	550										

Dimension



No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total
1	LEP50-32-130	112M-2	4	80	312	4	400	172	360	844	80	560	750	25	60	294	330	16	29	43	93
2		100L-2	3	80	312	4	385	172	342	829	80	560	750	25	60	244	280	16	29	44	91
3		90L-2	2.2	80	312	4	345	172	332	789	80	560	750	25	60	244	280	16	29	26	73
4		90S-2	1.5	80	312	4	320	172	332	764	80	560	750	25	60	244	280	16	29	21	69
5		802-2	1.1	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	29	17	65
6		801-2	0.75	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	29	16	64
7		801-4	0.55	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	29	16	64
8	LEP50-32-160	132S2-2	7.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	35	69	135
9		132S1-2	5.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	35	65	131
10		112M-2	4	80	352	4	400	192	380	844	80	560	750	25	60	294	330	16	35	43	99
11		100L-2	3	80	352	4	385	192	362	829	80	560	750	25	60	294	330	16	35	44	100
12		90L-2	2.2	80	352	4	345	192	352	789	80	560	750	25	60	294	330	16	35	26	81
13		90S-2	1.5	80	352	4	320	192	352	764	80	560	750	25	60	294	330	16	35	21	77
14		90L-4	1.5	80	352	4	345	192	352	789	80	560	750	25	60	294	330	16	35	27	82
15		90S-4	1.1	80	352	4	320	192	352	764	80	560	750	25	60	294	330	16	35	22	78
16		802-4	0.75	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	35	17	73
17		801-4	0.55	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	35	16	72

No.	LEO Model	Motor(B3)		Dimension (mm)																Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total	
18	LEP50-32-200	160M2-2	15	80	413	4	605	233	473	1049	70	780	1000	12.5	73	387	420	18	47	109	195	
19		160M1-2	11	80	413	4	605	233	473	1049	70	780	1000	12.5	73	387	420	18	47	108	194	
20		132S2-2	7.5	80	413	4	470	233	446	914	70	630	800	12.5	73	317	350	18	47	69	148	
21		132S1-2	5.5	80	413	4	470	233	446	914	70	630	800	12.5	73	317	350	18	47	65	144	
22		112M-2	4	80	400	4	400	220	408	844	80	560	750	12.5	60	294	330	16	47	43	112	
23		100L1-4	2.2	80	400	4	385	220	390	829	80	560	750	12.5	60	294	330	16	47	34	103	
24		90L-4	1.5	80	400	4	345	220	380	789	80	560	750	12.5	60	294	330	16	47	27	95	
25		90S-4	1.1	80	400	4	320	220	380	764	80	560	750	12.5	60	294	330	16	47	22	91	
26		802-4	0.75	80	400	4	295	220	360	739	80	560	750	12.5	60	294	330	16	47	17	86	
27		801-4	0.55	80	400	4	295	220	360	739	80	560	750	12.5	60	294	330	16	47	16	85	
28	LEP50-32-260	200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	32.5	90	417	460	18	58	224	340	
29		180M-2	22	100	478	4	690	253	513	1154	70	780	1000	32.5	73	387	420	18	58	155	259	
30		160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	32.5	73	387	420	18	58	133	229	
31		160M2-2	15	100	478	4	605	253	493	1069	70	780	1000	32.5	73	387	420	18	58	109	206	
32		160M1-2	11	100	478	4	605	253	493	1069	70	780	1000	32.5	73	387	420	18	58	108	205	
33		112M-4	4	100	478	4	400	253	441	864	70	630	800	32.5	73	387	420	18	58	47	133	
34		100L2-4	3	100	478	4	385	253	423	849	70	630	800	32.5	73	387	420	18	58	37	123	
35		100L1-4	2.2	100	478	4	385	253	423	849	70	630	800	32.5	73	387	420	18	58	34	120	
36		90L-4	1.5	100	478	4	345	253	413	809	70	630	800	32.5	73	387	420	18	58	27	112	
37	LEP65-40-130	132S2-2	7.5	80	345	4	470	205	418	914	70	630	800	25	73	317	350	18	31	69	132	
38		132S1-2	5.5	80	345	4	470	205	418	914	70	630	800	25	73	317	350	18	31	65	128	
39		112M-2	4	80	312	4	400	172	360	844	80	560	750	25	60	294	330	16	31	43	95	
40		100L-2	3	80	312	4	385	172	342	829	80	560	750	25	60	244	280	16	31	44	93	
41		90L-2	2.2	80	312	4	345	172	332	789	80	560	750	25	60	244	280	16	31	26	75	
42		90S-2	1.5	80	312	4	320	172	332	764	80	560	750	25	60	244	280	16	31	21	71	
43		90S-4	1.1	80	312	4	320	172	332	764	80	560	750	25	60	244	280	16	31	22	72	
44		802-4	0.75	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	31	17	67	
45		801-4	0.55	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	31	16	66	

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	φd	Pump	Motor	Total
46	LEP65-40-160	160M1-2	11	80	393	4	605	233	473	1049	70	780	1000	25	73	387	420	18	34	108	182
47		132S2-2	7.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	34	69	134
48		132S1-2	5.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	34	65	130
49		112M-2	4	80	352	4	400	192	380	844	80	560	750	25	60	294	330	16	34	43	98
50		100L-2	3	80	352	4	385	192	362	829	80	560	750	25	60	294	330	16	34	44	99
51		90L-4	1.5	80	352	4	345	192	352	789	80	560	750	25	60	294	330	16	34	27	81
52		90S-4	1.1	80	352	4	320	192	352	764	80	560	750	25	60	294	330	16	34	22	77
53		802-4	0.75	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	34	17	72
54		801-4	0.55	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	34	16	71
55	LEP65-40-200	160L-2	18.5	100	413	4	660	233	473	1124	70	780	1000	32.5	73	387	420	18	45	133	216
56		160M2-2	15	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	45	109	192
57		160M1-2	11	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	45	108	191
58		132S2-2	7.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	45	69	146
59		132S1-2	5.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	45	65	142
60		100L2-4	3	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	45	37	104
61		100L1-4	2.2	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	45	34	101
62		90L-4	1.5	100	400	4	345	220	380	809	80	560	750	32.5	60	294	330	16	45	27	93
63		90S-4	1.1	100	400	4	320	220	380	784	80	560	750	32.5	60	294	330	16	45	22	89
64		802-4	0.75	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	45	17	84
65	LEP65-40-260	200L2-2	37	100	515	4	765	290	590	1229	85	750	1100	34.5	90	417	460	18	61	235	353
66		200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	34.5	90	417	460	18	61	224	343
67		180M-2	22	100	478	4	690	253	513	1154	70	780	1000	34.5	73	387	420	18	61	155	262
68		160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	34.5	73	387	420	18	61	133	232
69		160M2-2	15	100	478	4	605	253	493	1069	70	780	1000	34.5	73	387	420	18	61	109	209
70		160M1-2	11	100	478	4	605	253	493	1069	70	780	1000	34.5	73	387	420	18	61	108	208
71		132S-4	5.5	100	478	4	470	253	466	934	70	680	900	34.5	73	387	420	18	61	65	162
72		112M-4	4	100	478	4	400	253	441	864	70	630	800	34.5	73	387	420	18	61	47	136
73		100L2-4	3	100	478	4	385	253	423	849	70	630	800	34.5	73	387	420	18	61	37	126
74		100L1-4	2.2	100	478	4	385	253	423	849	70	630	800	34.5	73	387	420	18	61	34	123
75		90L-4	1.5	100	478	4	345	253	413	809	70	630	800	34.5	73	387	420	18	61	27	115

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	φd	Pump	Motor	Total
76	LEP65-40-320G	225M-2	45	125	565	4	805	315	640	1460	70	940	1300	57.5	90	457	500	18	105	286	459
77		200L2-2	37	125	540	4	765	290	590	1420	70	940	1300	57.5	90	417	460	18	105	235	399
78		200L1-2	30	125	540	4	765	290	590	1420	70	940	1300	57.5	90	417	460	18	105	224	389
79		180M-2	22	125	523	4	690	273	533	1345	80	950	1150	57.5	73	387	420	18	105	155	309
80	LEP65-40-320	160M-4	11	125	523	4	605	273	513	1204	80	890	1100	57.5	73	387	420	18	94	108	243
81		132M-4	7.5	125	523	4	510	273	486	1109	80	800	1000	57.5	73	387	420	18	94	79	210
82		132S-4	5.5	125	523	4	470	273	486	1069	80	800	1000	57.5	73	387	420	18	94	65	197
83		112M-4	4	125	523	4	400	273	461	999	70	700	900	57.5	73	387	420	18	94	47	177
84		100L2-4	3	125	523	4	385	273	443	984	80	690	900	57.5	73	387	420	18	94	37	167
85	LEP65-50-130	160M1-2	11	100	393	4	605	233	473	1069	70	780	1000	45	73	387	420	18	35	108	183
86		132S2-2	7.5	100	365	4	470	205	418	934	70	630	800	45	73	317	350	18	35	69	135
87		132S1-2	5.5	100	365	4	470	205	418	934	70	630	800	45	73	317	350	18	35	65	131
88		112M-2	4	100	352	4	400	192	380	864	80	560	750	45	60	294	330	16	35	43	99
89		100L-2	3	100	352	4	385	192	362	849	80	560	750	45	60	294	330	16	35	44	100
90		100L1-4	2.2	100	352	4	385	192	362	849	80	560	750	45	60	294	330	16	35	34	90
91		90L-4	1.5	100	352	4	345	192	352	809	80	560	750	45	60	294	330	16	35	27	82
92		90S-4	1.1	100	352	4	320	192	352	784	80	560	750	45	60	294	330	16	35	22	78
93		802-4	0.75	100	352	4	295	192	332	759	80	560	750	45	60	294	330	16	35	17	73
94		801-4	0.55	100	352	4	295	192	332	759	80	560	750	45	60	294	330	16	35	16	72
95	LEP65-50-160	180M-2	22	100	433	4	690	253	513	1154	70	780	1000	32.5	73	387	420	18	39	155	241
96		160L-2	18.5	100	413	4	660	233	473	1124	70	780	1000	32.5	73	387	420	18	39	133	210
97		160M2-2	15	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	39	109	186
98		160M1-2	11	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	39	108	185
99		132S2-2	7.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	39	69	140
100		132S1-2	5.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	39	65	136
101		112M-2	4	100	400	4	400	220	408	864	80	560	750	32.5	60	294	330	16	39	43	104
102		100L2-4	3	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	39	37	98
103		100L1-4	2.2	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	39	34	95
104		90L-4	1.5	100	400	4	345	220	380	809	80	560	750	32.5	60	294	330	16	39	27	87
105		90S-4	1.1	100	400	4	320	220	380	784	80	560	750	32.5	60	294	330	16	39	22	83
106		802-4	0.75	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	39	17	78
107		801-4	0.55	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	39	16	77

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	φd	Pump	Motor	Total
108	LEP65-50-200	200L1-2	30	100	490	4	765	290	590	1229	85	750	1100	35.5	90	417	460	18	49	224	333
109		180M-2	22	100	453	4	690	253	513	1154	70	780	1000	35.5	73	387	420	18	49	155	251
110		160L-2	18.5	100	433	4	660	233	473	1124	70	780	1000	35.5	73	387	420	18	49	133	220
111		160M2-2	15	100	433	4	605	233	473	1069	70	780	1000	35.5	73	387	420	18	49	109	196
112		160M1-2	11	100	433	4	605	233	473	1069	70	780	1000	35.5	73	387	420	18	49	108	195
113		132S2-2	7.5	100	433	4	470	233	446	934	70	630	800	35.5	73	317	350	18	49	69	150
114		112M-4	4	100	420	4	400	220	408	864	80	560	750	35.5	60	294	330	16	49	47	118
115		100L2-4	3	100	420	4	385	220	390	849	80	560	750	35.5	60	294	330	16	49	37	108
116		100L1-4	2.2	100	420	4	385	220	390	849	80	560	750	35.5	60	294	330	16	49	34	105
117		90L-4	1.5	100	420	4	345	220	380	809	80	560	750	35.5	60	294	330	16	49	27	97
118		90S-4	1.1	100	420	4	320	220	380	784	80	560	750	35.5	60	294	330	16	49	22	93
119	LEP65-50-260G	200L2-2	37	100	515	4	765	290	590	1339	85	830	1200	35.5	90	417	460	18	65	235	357
120		200L1-2	30	100	515	4	765	290	590	1339	85	830	1200	35.5	90	417	460	18	65	224	347
121		180M-2	22	100	478	4	690	253	513	1264	80	890	1100	35.5	73	387	420	18	65	155	268
122	LEP65-50-260	200L2-2	37	100	515	4	765	290	590	1229	85	750	1100	35.5	90	417	460	18	68	235	360
123		200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	35.5	90	417	460	18	68	224	350
124		180M-2	22	100	478	4	690	253	513	1154	70	780	1000	35.5	73	387	420	18	68	155	269
125		160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	35.5	73	387	420	18	68	133	239
126		160M-4	11	100	478	4	605	253	493	1069	70	780	1000	35.5	73	387	420	18	68	108	215
127		132M-4	7.5	100	478	4	510	253	466	974	70	680	900	35.5	73	387	420	18	68	79	183
128		132S-4	5.5	100	478	4	470	253	466	934	70	680	900	35.5	73	387	420	18	68	65	169
129		112M-4	4	100	478	4	400	253	441	864	70	630	800	35.5	73	387	420	18	68	47	143
130		100L2-4	3	100	478	4	385	253	423	849	70	630	800	35.5	73	387	420	18	68	37	138
131	LEP65-50-320G	280S-2	75	125	655	6	980	375	755	1637	100	1070	1450	57.5	95	557	600	18	105	485	689
132		250M-2	55	125	620	4	910	340	705	1565	110	960	1450	57.5	90	507	550	18	105	373	570
133		225M-2	45	125	595	4	805	315	640	1460	110	900	1300	57.5	90	457	500	18	105	286	457
134		200L2-2	37	125	595	4	765	315	615	1420	85	880	1200	57.5	90	417	460	18	105	235	398
135		200L1-2	30	125	595	4	765	315	615	1420	85	880	1200	57.5	90	417	460	18	105	224	388
136	LEP65-50-320	160L-4	15	125	578	4	660	298	538	1259	80	890	1100	57.5	73	387	420	18	100	129	271
137		160M-4	11	125	578	4	605	298	538	1204	80	890	1100	57.5	73	387	420	18	100	108	250
138		132M-4	7.5	125	578	4	510	298	511	1109	80	800	1000	57.5	73	387	420	18	100	79	217
139		132S-4	5.5	125	578	4	470	298	511	1069	80	800	1000	57.5	73	387	420	18	100	65	204

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total
140	LEP80-65-130	160M2-2	15	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	41	109	188
141		160M1-2	11	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	41	108	187
142		132S2-2	7.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	41	69	142
143		132S1-2	5.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	41	65	138
144		100L1-4	2.2	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	41	34	96
145		90L-4	1.5	100	400	4	345	220	380	809	80	560	750	32.5	60	294	330	16	41	27	89
146		90S-4	1.1	100	400	4	320	220	380	784	80	560	750	32.5	60	294	330	16	41	22	85
147		802-4	0.75	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	41	17	80
148	LEP80-65-160	200L1-2	30	100	490	4	765	290	590	1229	85	750	1100	20	90	417	460	18	47	224	331
149		180M-2	22	100	453	4	690	253	513	1154	70	780	1000	20	73	387	420	18	47	155	249
150		160L-2	18.5	100	433	4	660	233	473	1124	70	780	1000	20	73	387	420	18	47	133	218
151		160M2-2	15	100	433	4	605	233	473	1069	70	780	1000	20	73	387	420	18	47	109	194
152		160M1-2	11	100	433	4	605	233	473	1069	70	780	1000	20	73	387	420	18	47	108	193
153		132S2-2	7.5	100	433	4	470	233	446	934	70	630	800	20	73	317	350	18	47	69	148
154		132S1-2	5.5	100	433	4	470	233	446	934	70	630	800	20	73	317	350	18	47	65	144
155		112M-4	4	100	420	4	400	220	408	864	80	560	750	32.5	60	294	330	16	47	47	116
156		100L2-4	3	100	420	4	385	220	390	849	80	560	750	32.5	60	294	330	16	47	37	105
157		100L1-4	2.2	100	420	4	385	220	390	849	80	560	750	32.5	60	294	330	16	47	34	102
158		90L-4	1.5	100	420	4	345	220	380	809	80	560	750	32.5	60	294	330	16	47	27	95
159	90S-4	1.1	100	420	4	320	220	380	784	80	560	750	32.5	60	294	330	16	47	22	91	
160	LEP80-65-200G	200L2-2	37	100	515	4	765	290	590	1334	85	830	1200	37.5	90	417	460	18	60	235	354
161		200L1-2	30	100	515	4	765	290	590	1334	85	830	1200	37.5	90	417	460	18	60	224	343
162	LEP80-65-200	200L2-2	37	100	515	4	765	290	590	1229	85	750	1100	37.5	90	417	460	18	55	235	347
163		200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	37.5	90	417	460	18	55	224	337
164		180M-2	22	100	478	4	690	253	513	1154	70	780	1000	37.5	73	387	420	18	55	155	256
165		160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	37.5	73	387	420	18	55	133	226
166		160M2-2	15	100	478	4	605	253	493	1069	70	780	1000	37.5	73	387	420	18	55	109	203
167		132M-4	7.5	100	478	4	510	253	466	974	70	680	900	37.5	73	387	420	18	55	79	170
168		132S-4	5.5	100	478	4	470	253	466	934	70	680	900	37.5	73	387	420	18	55	65	156
169		112M-4	4	100	478	4	400	253	441	864	70	630	800	37.5	73	387	420	18	55	47	130
170		100L2-4	3	100	478	4	385	253	423	849	70	630	800	37.5	73	387	420	18	55	37	120
171		100L1-4	2.2	100	478	4	385	253	423	849	70	630	800	37.5	73	387	420	18	55	34	117

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total
172	LEP80-65-260	280M-2	90	100	625	6	1030	375	755	1606	100	1070	1450	15	95	557	600	18	87	541	731
173		280S-2	75	100	625	6	980	375	755	1556	100	1070	1450	15	95	557	600	18	87	485	675
174		250M-2	55	100	590	4	910	340	705	1484	110	950	1300	15	90	507	550	18	87	373	554
175		225M-2	45	100	565	4	805	315	640	1379	85	890	1200	15	90	457	500	18	87	286	441
176		200L2-2	37	100	540	4	765	290	590	1339	85	830	1200	15	90	417	460	18	87	235	380
177		200L1-2	30	100	540	4	765	290	590	1339	85	830	1200	15	90	417	460	18	87	224	370
178		160L-4	15	100	523	4	660	273	513	1234	80	890	1100	15	73	387	420	18	87	129	257
179		160M-4	11	100	523	4	605	273	513	1179	80	890	1100	15	73	387	420	18	87	108	237
180		132M-4	7.5	100	523	4	510	273	486	1084	80	800	1000	15	73	387	420	18	87	79	204
181		132S-4	5.5	100	523	4	470	273	486	1044	80	800	1000	15	73	387	420	18	87	65	191
182		112M-4	4	100	523	4	400	273	461	974	80	690	900	15	73	387	420	18	87	47	170
183	LEP80-65-320C	280M-2	90	125	655	6	1030	375	755	1686	100	1070	1450	40	95	557	600	18	120	541	762
184		280S-2	75	125	655	6	980	375	755	1636	100	1070	1450	40	95	557	600	18	120	485	706
185		250M-2	55	125	620	4	910	340	705	1564	110	1010	1450	40	90	507	550	18	120	373	586
186		225M-2	45	125	595	4	805	315	640	1459	110	900	1300	40	90	457	500	18	120	286	473
187	LEP80-65-320	180M-4	18.5	125	595	4	690	315	575	1289	85	830	1200	40	90	417	460	18	110	157	326
188		160L-4	15	125	595	4	660	315	555	1259	85	900	1100	40	90	417	460	18	110	129	288
189		160M-4	11	125	595	4	605	315	555	1204	85	900	1100	40	90	417	460	18	110	108	267
190		132M-4	7.5	125	595	4	510	315	528	1109	85	800	1000	40	90	417	460	18	110	79	235
191		132S-4	5.5	125	595	4	470	315	528	1069	85	800	1000	40	90	417	460	18	110	65	222
192	LEP100-80-160	225M-2	45	125	540	4	805	315	640	1294	85	750	1100	57.5	90	457	500	18	53	286	339
193		200L2-2	37	125	515	4	765	290	590	1254	85	750	1100	57.5	90	417	460	18	53	235	345
194		200L1-2	30	125	515	4	765	290	590	1254	85	750	1100	57.5	90	417	460	18	53	224	335
195		180M-2	22	125	478	4	690	253	513	1179	70	780	1000	57.5	73	387	420	18	53	155	254
196		160L-2	18.5	125	478	4	660	253	493	1149	70	780	1000	57.5	73	387	420	18	53	133	224
197		160M2-2	15	125	478	4	605	253	493	1094	70	780	1000	57.5	73	387	420	18	53	109	201
198		160M1-2	11	125	478	4	605	253	493	1094	70	780	1000	57.5	73	387	420	18	53	108	200
199		132S-4	5.5	125	478	4	470	253	466	959	70	680	900	57.5	73	387	420	18	53	65	154
200		112M-4	4	125	478	4	400	253	441	889	70	630	800	57.5	73	387	420	18	53	47	128
201		100L2-4	3	125	478	4	385	253	423	874	70	630	800	57.5	73	387	420	18	53	37	118
202		100L1-4	2.2	125	478	4	385	253	423	874	70	630	800	57.5	73	387	420	18	53	34	115
203		90L-4	1.5	125	478	4	345	253	413	834	70	630	800	57.5	73	387	420	18	53	27	107

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total
204	LEP100-80-200	280S-2	75	125	625	6	980	375	755	1581	100	1070	1450	57.5	95	557	600	18	76	485	661
205		250M-2	55	125	590	4	910	340	705	1509	110	950	1300	57.5	90	507	550	18	76	373	542
206		225M-2	45	125	565	4	805	315	640	1404	85	860	1200	57.5	90	457	500	18	76	286	431
207		200L2-2	37	125	540	4	765	290	590	1364	85	830	1200	57.5	90	417	460	18	76	235	368
208		200L1-2	30	125	540	4	765	290	590	1364	85	830	1200	57.5	90	417	460	18	76	224	358
209		180M-2	22	125	503	4	690	253	513	1289	80	890	1100	57.5	73	387	420	18	76	155	279
210		160M-4	11	125	503	4	605	253	493	1204	80	890	1100	57.5	73	387	420	18	76	108	224
211		132M-4	7.5	125	503	4	510	253	466	1109	80	800	1000	57.5	73	387	420	18	76	79	192
212		132S-4	5.5	125	503	4	470	253	466	1069	80	800	1000	57.5	73	387	420	18	76	65	179
213		112M-4	4	125	503	4	400	253	441	999	80	690	900	57.5	73	387	420	18	76	47	158
214		100L2-4	3	125	503	4	385	253	423	984	80	690	900	57.5	73	387	420	18	76	37	148
215	LEP100-80-260	315M-2	132	125	710	6	1290	430	945	1891	110	1050	1500	40	115	657	700	18	95	949	1175
216		315S-2	110	125	710	6	1180	430	940	1781	110	1050	1500	40	115	657	700	18	95	867	1094
217		280M-2	90	125	655	6	1030	375	755	1631	100	1070	1450	40	95	557	600	18	95	541	738
218		280S-2	75	125	655	6	980	375	755	1581	100	1070	1450	40	95	557	600	18	95	485	682
219		250M-2	55	125	620	4	910	340	705	1509	110	950	1300	40	90	507	550	18	95	373	561
220		225M-2	45	125	595	4	805	315	640	1404	85	860	1200	40	90	457	500	18	95	286	448
221		200L2-2	37	125	570	4	765	290	590	1364	85	860	1200	40	90	417	460	18	95	235	388
222		180M-4	18.5	125	553	4	690	273	533	1289	80	890	1100	40	73	417	450	18	95	157	302
223		160L-4	15	125	553	4	660	273	513	1259	80	890	1100	40	73	417	450	18	95	129	266
224		160M-4	11	125	553	4	605	273	513	1204	80	890	1100	40	73	417	450	18	95	108	246
225		132M-4	7.5	125	553	4	510	273	486	1109	80	800	1000	40	73	417	450	18	95	79	213
226	132S-4	5.5	125	553	4	470	273	486	1069	80	800	1000	40	73	417	450	18	95	65	200	
227	112M-4	4	125	553	4	400	273	461	999	80	690	900	40	73	417	450	18	95	47	180	
228	LEP100-80-320G	315M-2	132	125	745	6	1290	430	945	1947	110	1150	1650	43	115	657	700	18	130	949	1211
229		315S-2	110	125	745	6	1180	430	940	1837	110	1150	1650	43	115	657	700	18	130	867	1129
230		280M-2	90	125	690	6	1030	375	755	1687	100	1070	1450	42.5	95	557	600	18	130	541	765
231		280S-2	75	125	690	6	980	375	755	1637	100	1070	1450	42.5	95	557	600	18	130	485	709
232		225S-4	37	125	655	4	810	340	670	1409	110	900	1300	42.5	90	457	500	18	114	301	499
233		200L-4	30	125	655	4	765	340	640	1364	85	850	1200	42.5	90	417	460	18	114	240	414
234		180L-4	22	125	655	4	725	340	600	1324	85	830	1200	42.5	90	417	460	18	114	179	353
235	LEP100-80-320	180M-4	18.5	125	655	4	690	340	600	1289	85	830	1200	42.5	90	417	460	18	114	157	331
236		160L-4	15	125	655	4	660	340	580	1259	85	900	1100	42.5	90	417	460	18	114	129	293
237		160M-4	11	125	655	4	605	340	580	1204	85	900	1100	42.5	90	417	460	18	114	108	272
238		132M-4	7.5	125	655	4	510	340	553	1109	85	800	1000	42.5	90	417	460	18	114	79	240

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total
239	LEP100-80-400	250M-4	55	125	725	4	910	370	735	1569	110	1010	1450	40	90	507	550	18	160	383	635
240		225M-4	45	125	725	4	835	370	695	1494	110	950	1300	40	90	457	500	18	160	312	557
241		225S-4	37	125	725	4	810	370	700	1469	110	950	1300	40	90	457	500	18	160	301	546
242		200L-4	30	125	725	4	765	370	670	1424	110	900	1300	40	90	457	500	18	160	240	464
243		180L-4	22	125	725	4	725	370	630	1384	85	870	1200	40	90	457	500	18	160	179	401
244		180M-4	18.5	125	725	4	690	370	630	1349	85	870	1200	40	90	457	500	18	160	157	380
245		160L-4	15	125	725	4	660	370	610	1319	85	860	1200	40	90	457	500	18	160	129	351
246	LEP125-100-160	225M-2	45	125	565	4	805	315	640	1404	85	890	1200	49	90	457	500	18	87	286	441
247		200L2-2	37	125	540	4	765	290	590	1364	85	830	1200	49	90	417	460	18	87	235	380
248		200L1-2	30	125	540	4	765	290	590	1364	85	830	1200	49	90	417	460	18	87	224	370
249		180M-2	22	125	523	4	690	273	533	1289	80	890	1100	49	73	387	420	18	87	155	291
250		160L-2	18.5	125	523	4	660	273	513	1259	80	890	1100	49	73	387	420	18	87	133	261
251		160M2-2	15	125	523	4	605	273	513	1204	80	890	1100	49	73	387	420	18	87	109	238
252		132M-4	7.5	125	523	4	510	273	486	1109	80	800	1000	49	73	387	420	18	87	79	204
253	LEP125-100-200	132S-4	5.5	125	523	4	470	273	486	1069	80	800	1000	49	73	387	420	18	87	65	191
254		112M-4	4	125	523	4	400	273	461	999	80	690	900	49	73	387	420	18	87	47	170
255		100L2-4	3	125	523	4	385	273	443	984	80	690	900	49	73	387	420	18	87	37	160
256		100L1-4	2.2	125	523	4	385	273	443	984	80	690	900	49	73	387	420	18	87	34	157
257		315S-2	110	125	710	6	1180	430	940	1781	110	1050	1500	40	115	657	700	18	84	867	1084
258		280M-2	90	125	655	6	1030	375	755	1631	100	1070	1450	40	95	557	600	18	84	541	728
259		280S-2	75	125	655	6	980	375	755	1581	100	1070	1450	40	95	557	600	18	84	485	672
260	LEP125-100-200	250M-2	55	125	620	4	910	340	705	1509	110	950	1300	40	90	507	550	18	84	373	551
261		225M-2	45	125	595	4	805	315	640	1404	85	890	1200	40	90	457	500	18	84	286	438
262		200L2-2	37	125	570	4	765	290	590	1364	85	830	1200	40	90	417	460	18	84	235	377
263		200L1-2	30	125	570	4	765	290	590	1364	85	830	1200	40	90	417	460	18	84	224	367
264		160L-4	15	125	553	4	660	273	513	1259	80	890	1100	40	73	387	420	18	84	129	254
265		160M-4	11	125	553	4	605	273	513	1204	80	890	1100	40	73	387	420	18	84	108	234
266		132M-4	7.5	125	553	4	510	273	486	1109	80	800	1000	40	73	387	420	18	84	79	201
267	LEP125-100-200	132S-4	5.5	125	553	4	470	273	486	1069	80	800	1000	40	73	387	420	18	84	65	188
268		112M-4	4	125	553	4	400	273	461	999	80	690	900	40	73	387	420	18	84	47	167
269		100L2-4	4	125	553	4	385	273	443	984	80	690	900	40	73	387	420	18	84	37	157
269		100L2-4	4	125	553	4	385	273	443	984	80	690	900	40	73	387	420	18	84	37	157

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total
270	LEP125-100-260	200L-4	30	140	595	4	765	315	615	1379	85	870	1200	55	90	417	460	18	102	240	401
271		180L-4	22	140	595	4	725	315	575	1339	85	830	1200	55	90	417	460	18	102	179	340
272		180M-4	18.5	140	595	4	690	315	575	1304	85	830	1200	55	90	417	460	18	102	157	318
273		160L-4	15	140	595	4	660	315	555	1274	85	900	1100	55	90	417	460	18	102	129	280
274		160M-4	11	140	595	4	605	315	555	1219	85	900	1100	55	90	417	460	18	102	108	259
275		132M-4	7.5	140	595	4	510	315	528	1124	85	800	1000	55	90	417	460	18	102	79	227
276	LEP125-100-320	225M-4	45	140	655	4	835	340	665	1449	110	900	1300	57.5	90	457	500	18	118	312	514
277		225S-4	37	140	655	4	810	340	670	1424	110	900	1300	57.5	90	457	500	18	118	301	503
278		200L-4	30	140	655	4	765	340	640	1379	85	850	1200	57.5	90	417	460	18	118	240	418
279		180L-4	22	140	655	4	725	340	600	1339	85	830	1200	57.5	90	417	460	18	118	179	357
280		180M-4	18.5	140	655	4	690	340	600	1304	85	830	1200	57.5	90	417	460	18	118	157	335
281		160L-4	15	140	655	4	660	340	580	1274	85	900	1100	57.5	90	417	460	18	118	129	297
282	160M-4	11	140	655	4	605	340	580	1219	85	900	1100	57.5	90	417	460	18	118	108	276	
283	LEP125-100-400	280S-4	75	140	730	6	980	375	755	1656	100	1070	1450	35	95	557	600	18	176	544	827
284		250M-4	55	140	725	4	910	370	735	1584	110	1010	1450	35	90	507	550	18	176	383	650
285		225M-4	45	140	725	4	835	370	695	1509	110	950	1300	35	90	507	550	18	176	312	577
286		225S-4	37	140	725	4	810	370	700	1484	110	950	1300	35	90	507	550	18	176	301	565
287		200L-4	30	140	725	4	765	370	670	1439	110	900	1300	35	90	507	550	18	176	240	483
288		180L-4	22	140	725	4	725	370	630	1399	110	900	1300	35	90	507	550	18	176	179	422
289	LEP150-125-200	280S-2	75	140	690	6	980	375	755	1596	100	1070	1450	62.5	95	557	600	18	112	485	689
290		250M-2	55	140	655	4	910	340	705	1524	110	950	1300	62.5	90	507	550	18	112	373	575
291		225M-2	45	140	655	4	805	340	665	1419	110	860	1300	62.5	90	457	500	18	112	286	468
292		180M-4	18.5	140	655	4	690	340	600	1304	85	830	1200	62.5	90	417	460	18	112	157	329
293		160L-4	15	140	655	4	660	340	580	1274	85	900	1100	62.5	90	417	460	18	112	129	291
294		160M-4	11	140	655	4	605	340	580	1219	85	900	1100	62.5	90	417	460	18	112	108	270
295		132M-4	7.5	140	655	4	510	340	553	1124	85	800	1000	62.5	90	417	460	18	112	79	238
296		132S-4	5.5	140	655	4	470	340	553	1084	85	800	1000	62.5	90	417	460	18	112	65	225
297	LEP150-125-260	225S-4	37	140	695	4	810	340	670	1424	110	900	1300	57.5	90	457	500	18	117	301	502
298		200L-4	30	140	695	4	765	340	640	1379	85	850	1200	57.5	90	417	460	18	117	240	417
299		180L-4	22	140	695	4	725	340	600	1339	85	830	1200	57.5	90	417	460	18	117	179	356
300		180M-4	18.5	140	695	4	690	340	600	1304	85	830	1200	57.5	90	417	460	18	117	157	334
301		160L-4	15	140	695	4	660	340	580	1274	85	900	1100	57.5	90	417	460	18	117	129	296
302		160M-4	11	140	695	4	605	340	580	1219	85	900	1100	57.5	90	417	460	18	117	108	275

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	φd	Pump	Motor	Total
303	LEP150-125-320	250M-4	55	140	725	4	910	370	735	1584	110	1010	1450	35	90	507	550	18	155	383	629
304		225M-4	45	140	725	4	835	370	695	1509	110	950	1300	35	90	507	550	18	155	312	556
305		225S-4	37	140	725	4	810	370	700	1484	110	950	1300	35	90	507	550	18	155	301	544
306		200L-4	30	140	725	4	765	370	670	1439	110	900	1300	35	90	507	550	18	155	240	462
307		180L-4	22	140	725	4	725	370	630	1399	110	900	1300	35	90	507	550	18	155	179	401
308		180M-4	18.5	140	725	4	690	370	630	1364	110	900	1300	35	90	507	550	18	155	157	379
309		160L-4	15	140	725	4	660	370	610	1334	85	860	1200	35	90	507	550	18	155	129	341
310	LEP150-125-400	315S-4	110	180	830	6	1275	430	940	1991	110	1150	1650	55	115	657	700	18	178	836	1153
311		280M-4	90	180	810	6	1030	410	790	1746	100	1070	1450	55	95	557	600	18	178	587	872
312		280S-4	75	180	810	6	980	410	790	1696	100	1070	1452	55	95	557	600	18	178	544	830
313		250M-4	55	180	805	4	910	405	770	1624	110	1010	1450	55	90	507	550	18	178	383	655
314		225M-4	45	180	805	4	835	405	730	1549	110	950	1300	55	90	507	550	18	178	312	580
315		225S-4	37	180	805	4	810	405	735	1524	110	950	1300	55	90	507	550	18	178	301	569
316		200L-4	30	180	805	4	765	405	705	1479	110	900	1300	55	90	507	550	18	178	240	486
317	LEP150-125-500	315L1-4	160	180	920	6	1320	470	985	2176	110	1350	1850	55	115	657	700	18	300	1020	1466
318		315M-4	132	180	920	6	1320	470	985	2176	110	1300	1750	55	115	657	700	18	300	979	1420
319		315S-4	110	180	920	6	1275	470	980	2131	110	1300	1750	55	115	657	700	18	300	836	1278
320		280M-4	90	180	920	6	1030	470	850	1886	110	1200	1650	55	115	657	700	18	300	587	1026
321		280S-4	75	180	920	6	980	470	850	1836	110	1200	1650	55	115	657	700	18	300	544	983
322	LEP200-150-200	200L-4	30	180	770	4	765	370	670	1449	105	890	1300	55	90	417	460	18	132	240	434
323		180L-4	22	180	770	4	725	370	630	1409	105	840	1200	55	90	417	460	18	132	179	372
324		180M-4	18.5	180	770	4	690	370	630	1374	105	840	1200	55	90	417	460	18	132	157	350
325		160L-4	15	180	770	4	660	370	610	1344	105	820	1200	55	90	417	460	18	132	129	313
326		160M-4	11	180	770	4	605	370	610	1289	105	820	1200	55	90	417	460	18	132	108	293
327	LEP200-150-260	250M-4	55	180	695	4	910	340	705	1624	110	1010	1450	55	90	507	550	18	163	383	637
328		225M-4	45	180	695	4	835	340	665	1549	110	950	1300	55	90	457	500	18	163	312	561
329		225S-4	37	180	695	4	810	340	670	1524	110	950	1300	55	90	457	500	18	163	301	549
330		200L-4	30	180	695	4	765	340	640	1479	110	900	1300	55	90	457	500	18	163	240	467
331		180L-4	22	180	695	4	725	340	600	1439	85	870	1200	55	90	457	500	18	163	179	404
332		180M-4	18.5	180	695	4	690	340	600	1404	85	870	1200	55	90	457	500	18	163	157	383
333		160L-4	15	180	695	4	660	340	580	1374	85	880	1200	55	90	457	500	18	163	129	346

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	φd	Pump	Motor	Total
334	LEP200-150-320	280M-4	90	180	775	6	1030	375	755	1746	100	1070	1450	60	95	557	600	18	170	587	864
335		280S-4	75	180	775	6	980	375	755	1696	100	1070	1450	60	95	557	600	18	170	544	822
336		250M-4	55	180	770	4	910	370	735	1624	110	1010	1450	60	90	557	600	18	170	383	648
337		225M-4	45	180	770	4	835	370	695	1549	110	950	1450	60	90	557	600	18	170	312	575
338		225S-4	37	180	770	4	810	370	700	1524	110	950	1450	60	90	557	600	18	170	301	564
339		200L-4	30	180	770	4	765	370	670	1479	110	900	1300	60	90	557	600	18	170	240	479
340		180L-4	22	180	770	4	725	370	630	1439	110	900	1300	60	90	557	600	18	170	179	418
341	LEP200-150-400	315M-4	132	180	880	6	1320	430	945	2036	110	1150	1650	55	115	657	700	18	207	979	1323
342		315S-4	110	180	880	6	1275	430	940	1991	110	1150	1650	55	115	657	700	18	207	836	1180
343		280M-4	90	180	880	6	1030	430	810	1746	110	1080	1500	55	115	657	700	18	207	587	921
344		280S-4	75	180	880	6	980	430	810	1696	110	1080	1500	55	115	657	700	18	207	544	878
345		250M-4	55	180	875	4	910	425	790	1624	110	990	1400	55	110	557	600	18	207	383	696
346		225M-4	45	180	875	4	835	425	750	1549	110	990	1400	55	110	557	600	18	207	312	625
347		225S-4	37	180	875	4	810	425	755	1524	110	990	1400	55	110	557	600	18	207	301	619
348	LEP200-150-500	315L2-4	200	180	990	6	1320	490	1005	2176	110	1350	1850	75	115	657	700	18	330	1102	1579
349		315L1-4	160	180	990	6	1320	490	1005	2176	110	1350	1850	75	115	657	700	18	330	1020	1497
350		315M-4	132	180	990	6	1320	490	1005	2176	110	1300	1750	75	115	657	700	18	330	979	1452
351		315S-4	110	180	990	6	1275	490	1000	2131	110	1300	1750	75	115	657	700	18	330	836	1309
352		280M-4	90	180	990	6	1030	490	870	1886	110	1200	1650	75	115	657	700	18	330	587	1056
353	LEP250-200-260	250M-4	55	180	875	4	910	425	790	1649	110	990	1400	75	110	557	600	18	219	383	708
354		225M-4	45	180	875	4	835	425	750	1574	110	990	1400	75	110	557	600	18	219	312	635
355		225S-4	37	180	875	4	810	425	755	1549	110	990	1400	75	110	557	600	18	219	301	624
356		200L-4	30	180	875	4	765	425	725	1504	110	940	1300	75	110	557	600	18	219	240	539
357		180L-4	22	180	875	4	725	425	685	1464	110	940	1300	75	110	557	600	18	219	179	478
358		180M-4	18.5	180	875	4	690	425	685	1429	110	940	1300	75	110	557	600	18	219	157	457
359	LEP250-200-320	315S-4	110	180	910	6	1275	430	940	2131	110	1300	1750	50	115	657	700	18	286	836	1263
360		280M-4	90	180	910	6	1030	430	810	1886	130	1210	1650	50	115	657	700	18	286	587	1005
361		280S-4	75	180	910	6	980	430	810	1836	130	1210	1650	50	115	657	700	18	286	544	962
362		250M-4	55	180	905	4	910	425	790	1764	130	1170	1600	50	110	607	650	18	286	383	784
363		225M-4	45	180	905	4	835	425	750	1689	130	1070	1500	50	110	607	650	18	286	312	709
364		225S-4	37	180	905	4	810	425	755	1664	130	1070	1500	50	110	607	650	18	286	301	698
365		200L-4	30	180	905	4	765	425	725	1619	130	1070	1500	50	110	607	650	18	286	240	614

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total
366	LEP250-200-400	315L2-4	200	180	930	6	1320	450	965	2176	130	1330	1850	50	115	657	700	18	328	1102	1576
367		315L1-4	160	180	930	6	1320	450	965	2176	130	1330	1850	50	115	657	700	18	328	1020	1494
368		315M-4	132	180	930	6	1320	450	965	2176	110	1300	1750	35	115	657	700	18	328	979	1449
369		315S-4	110	180	930	6	1275	450	960	2131	110	1300	1750	35	115	657	700	18	328	836	1306
370		280M-4	90	180	930	6	1030	450	830	1886	130	1210	1650	35	115	657	700	18	328	587	1047
371		280S-4	75	180	930	6	980	450	830	1836	130	1210	1650	35	115	657	700	18	328	544	1004
372		250M-4	55	180	925	4	910	445	810	1764	130	1170	1600	50	110	607	650	18	328	383	827
373	LEP250-200-500	355L-4	315	200	1140	6	1540	580	1235	2466	110	1510	2100	95	155	800	850	18	450	1765	2457
374		355M-4	250	200	1140	6	1540	580	1235	2466	110	1510	2000	95	155	800	850	18	450	1612	2303
375		315L2-4	200	200	1100	6	1320	540	1055	2246	110	1420	1850	95	115	807	850	18	450	1102	1710
376		315L1-4	160	200	1100	6	1320	540	1055	2246	110	1420	1850	95	115	807	850	18	450	1020	1628
377		315M-4	132	200	1100	6	1320	540	1055	2246	110	1370	1750	95	115	807	850	18	450	979	1585
378		315S-4	110	200	1100	6	1275	540	1050	2201	110	1370	1750	95	115	807	850	18	450	836	1442
379	LEP300-250-320	315L1-4	160	220	990	6	1320	470	985	2237	110	1300	1850	90	115	657	700	18	366	1020	1535
380		315M-4	132	220	990	6	1320	470	985	2237	110	1300	1850	90	115	657	700	18	366	979	1491
381		315S-4	110	220	990	6	1275	470	980	2192	110	1300	1850	90	115	657	700	18	366	836	1348
382		280M-4	90	220	990	6	1030	470	850	1947	130	1250	1650	90	115	657	700	18	366	587	1089
383		280S-4	75	220	990	6	980	470	850	1897	130	1250	1650	90	115	657	700	18	366	544	1046
384		250M-4	55	220	985	6	910	465	830	1827	130	1200	1650	90	110	657	700	18	366	383	871
385		225M-4	45	220	985	6	835	465	790	1752	130	1170	1500	90	110	657	700	18	366	312	795
386		225S-4	37	220	985	6	810	465	795	1727	130	1170	1500	90	110	657	700	18	366	301	783
387	LEP300-250-400	355M-4	250	220	1115	6	1540	555	1210	2448	130	1370	2000	90	155	800	850	18	396	1612	2251
388		315L2-4	200	220	1075	6	1320	515	1030	2228	130	1350	1850	90	115	657	700	18	396	1102	1649
389		315L1-4	160	220	1075	6	1320	515	1030	2228	130	1350	1850	90	115	657	700	18	396	1020	1567
390		315M-4	132	220	1075	6	1320	515	1030	2228	110	1300	1850	90	115	657	700	18	396	979	1524
391		315S-4	110	220	1075	6	1275	515	1025	2183	110	1300	1850	90	115	657	700	18	396	836	1381
392		280M-4	90	220	1075	6	1030	515	895	1938	130	1250	1650	90	115	657	700	18	396	587	1121
393		280S-4	75	220	1075	6	980	515	895	1888	130	1250	1650	90	115	657	700	18	396	544	1078

No.	LEO Model	Motor(B3)		Dimension (mm)															Weight(kg)		
		Model	Power	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	Pump	Motor	Total
394	LEP300-250-500	355L-4	315	250	1275	6	1540	605	1260	2516	110	1450	2100	95	155	800	850	18	550	1765	2561
395		355M-4	250	250	1275	6	1540	605	1260	2516	110	1510	2000	95	155	800	850	18	550	1612	2406
396		315L2-4	200	250	1235	6	1320	565	1080	2296	130	1400	1850	125	115	807	850	18	550	1102	1811
397		315L1-4	160	250	1235	6	1320	565	1080	2296	130	1400	1850	125	115	807	850	18	550	1020	1730
398		315M-4	132	250	1235	6	1320	565	1080	2296	130	1400	1850	125	115	807	850	18	550	979	1686
399	LEP350-300-400	315L2-4	200	300	965	6	1320	540	1055	2346	130	1400	1850	170	115	807	850	18	550	1102	1810
400		315L1-4	160	300	965	6	1320	540	1055	2346	130	1400	1850	172	115	807	850	18	550	1020	1728
401		315M-4	132	300	965	6	1320	540	1055	2346	130	1400	1850	170	115	807	850	18	550	979	1685
402		315S-4	110	300	965	6	1275	540	1050	2301	130	1400	1850	170	115	807	850	18	550	836	1542
403		280M-4	90	300	965	6	1030	540	920	2056	130	1300	1750	170	115	807	850	18	550	587	1283