

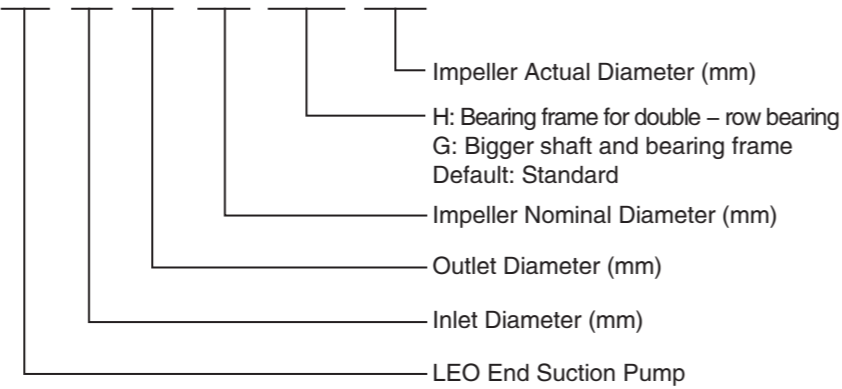


Applications

- 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

Identification Codes

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



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
- Liquid pH value: 4 - 10
- Max. operation pressure: 10 bar, 16 bar on request

Design & Structure

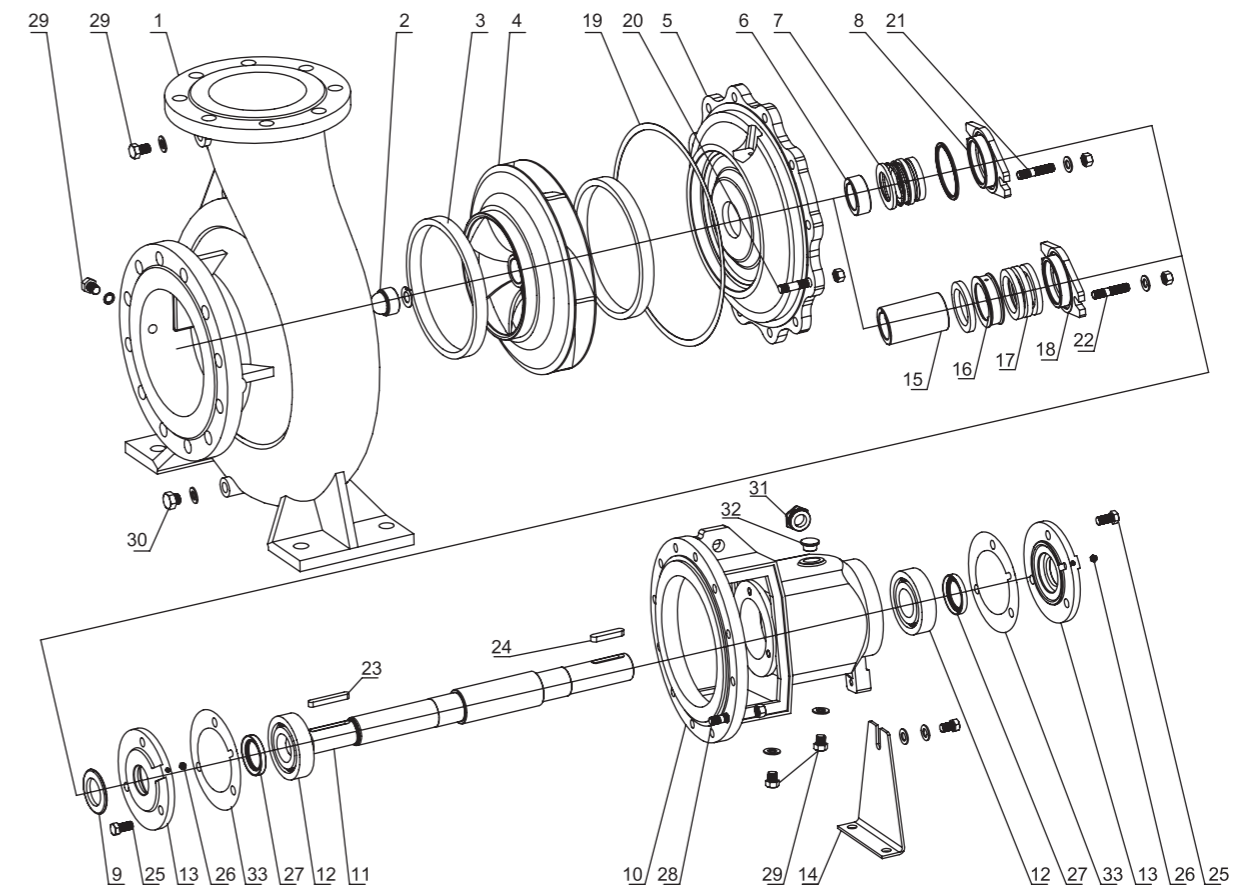
Design	Performance and dimensions referring to the European standard BS EN733/DIN24255
Structure	Horizontal, Axial End-Suction, Single-Stage, Single-Suction, Volute Casing, Back pull-out
DN(mm)	Inlet: 50-350 Outlet: 32-300
Flange	ISO7005.2 ; DIN2501 PN16 ; GB/T17241.6 PN1.6

Materials Table

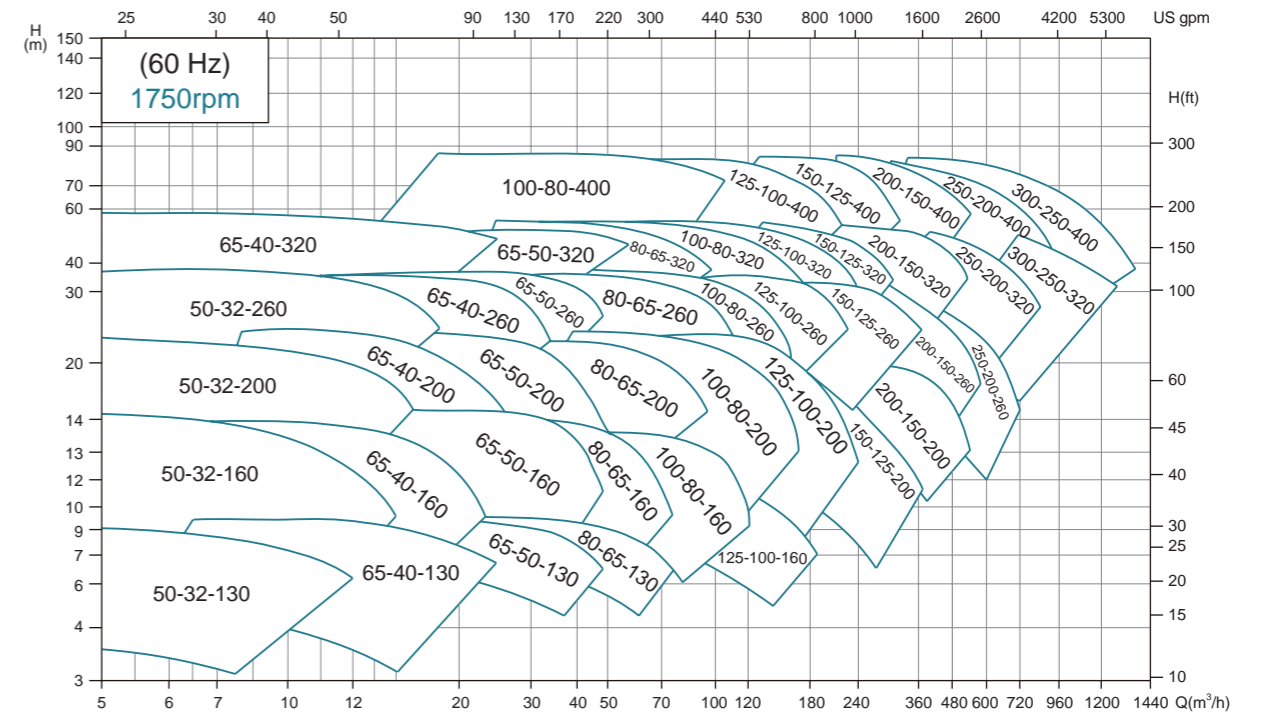
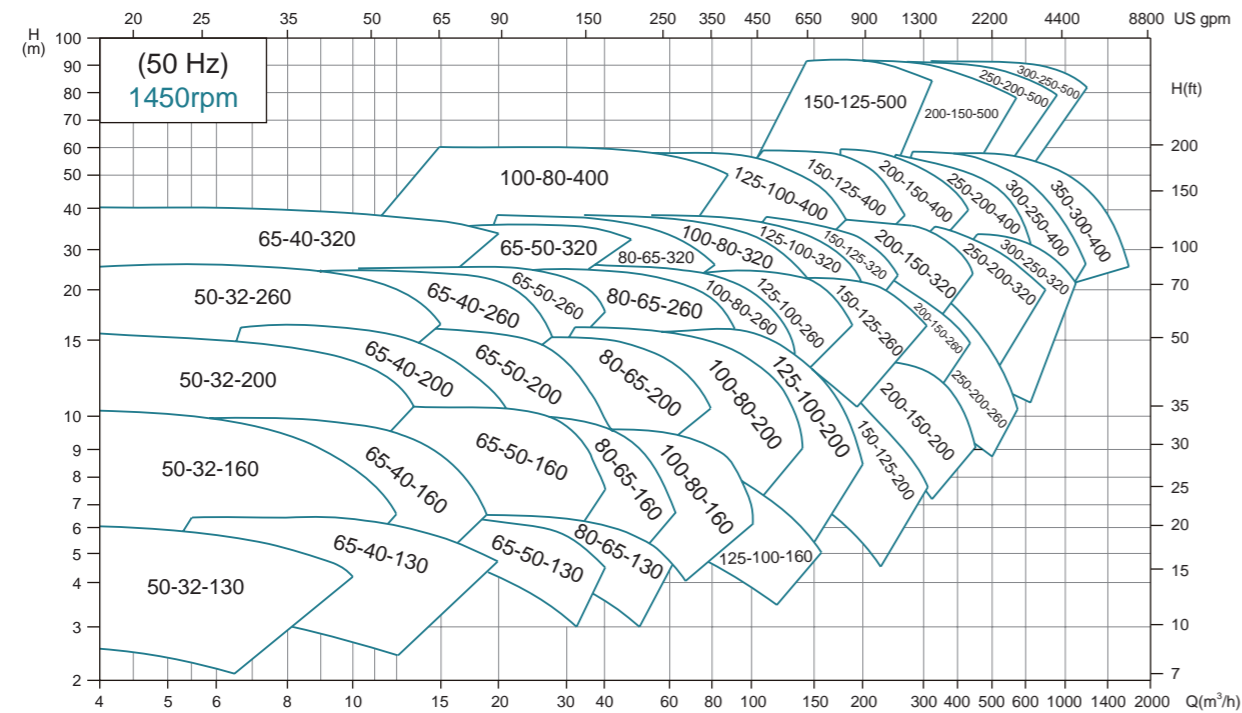
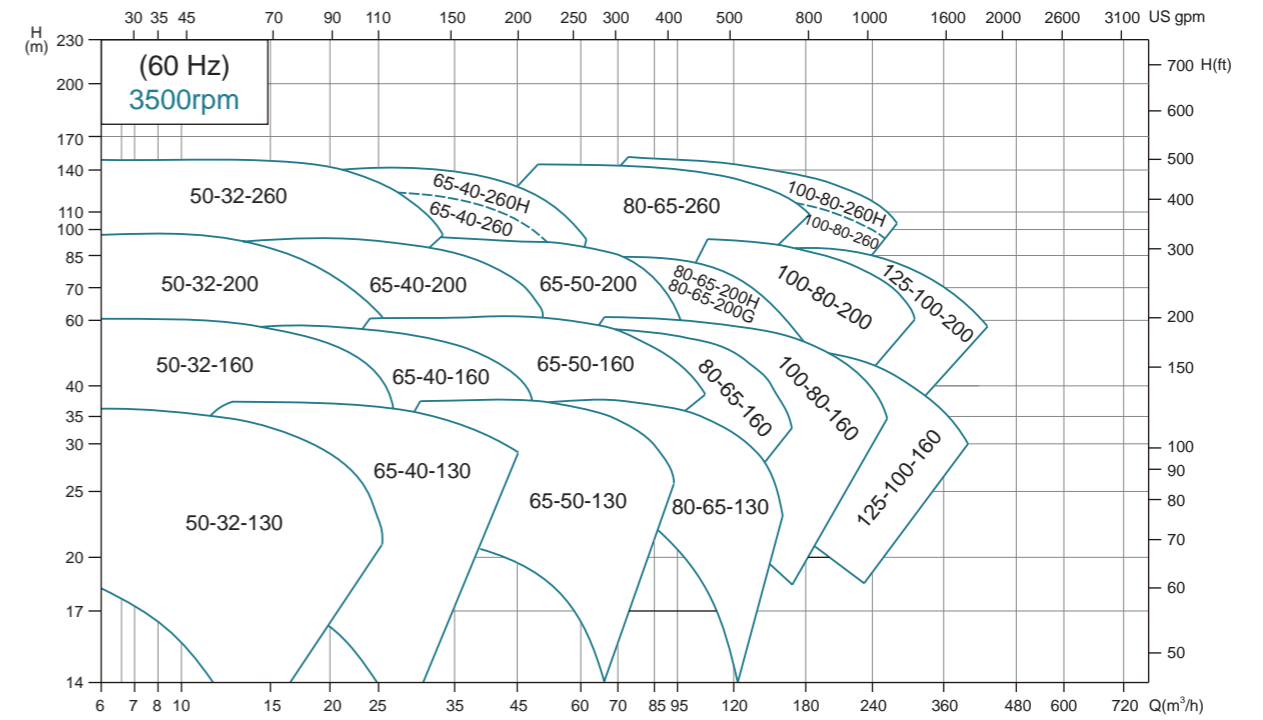
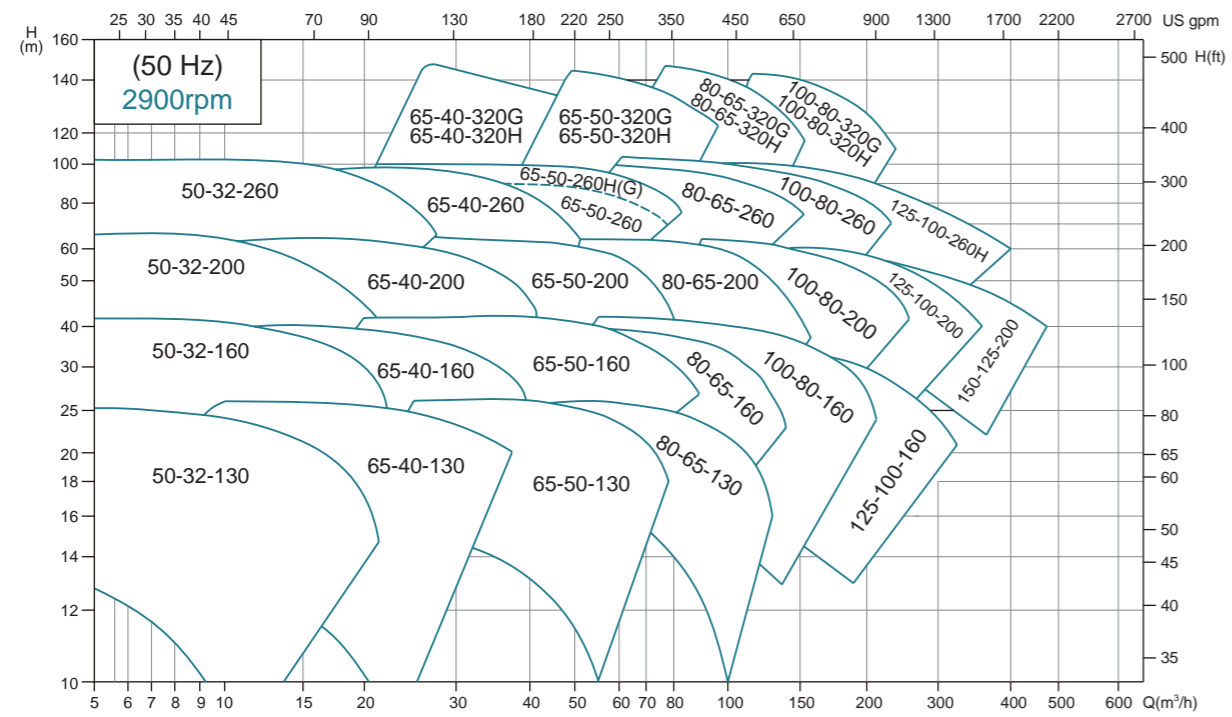
No.	Part	Material
1	Pump casing	Ductile Iron 304/316
2	Impeller nut	
3	Wear ring	
4	Impeller	Cut Iron 304/316
5	Casing cover	
6	Shaft spacer	
7	Mechanical seal	
8	Seal cover	
9	Rubber slinger	
10	Bearing frame	
11	Shaft	304/316/1045

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	Casing gasket	
20	Nut	
21	Nut	
22	Nut	

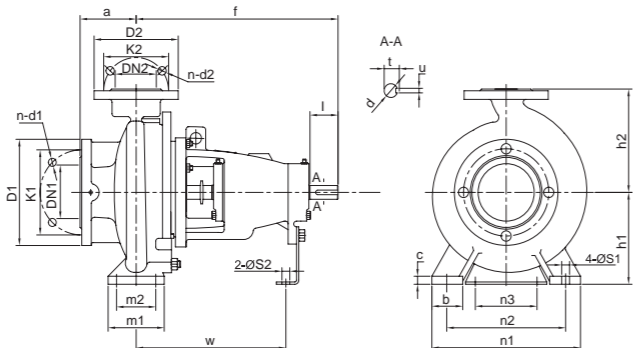
No.	Part	Material
23	Key	
24	Key	
25	Bolt	
26	Oil nipple	
27	Oil seal	
28	Nut	
29	Washer	
30	Washer	
31	Oil scale	
32	Oil cover	
33	Bearing Cover Gasket	



Characteristic Curves



Installation Dimensions



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)		
LEP50-32-130						112	140			100			190	140								29		
LEP50-32-160	25	32	50	80	360	132	160	50	14	100	100	70	240	190	14	14							35	
LEP50-32-200						160	180																47	
LEP50-32-260						180	225																65	58
LEP65-40-130	25	40		80	360	112	140	50	14	100	100	70	210	160									31	
LEP65-40-160						132	160																34	
LEP65-40-200						160	180																45	
LEP65-40-260(H)	35	65		100	526	180	225	65	14	110	125	95	265	212									61	
LEP65-40-320						200	250																94	
LEP65-40-320(H)						200	250																107	
LEP65-50-130	25	50		100	360	132	160	50	14	100	100	70	240	190	14								35	
LEP65-50-160						160	180																39	
LEP65-50-200						160	200																49	
LEP65-50-260(H)	35	65		125	470	180	225	65	18	110	125	95	320	250									68	
LEP65-50-260G						180	225																65	65
LEP65-50-320(H)						225	280																113	
LEP65-50-320G	45	50	65	125	526	225	280			110	125	95	345	280			367	42	110	45	12	105		
LEP80-65-130	25	65	80	100	360	160	180	65	14	125	95	280	212	14									41	
LEP80-65-160						160	200																47	
LEP80-65-200(H)						180	225																55	
LEP80-65-200G	35	80		125	465	180	225	65	18	160	120	360	280	18									60	
LEP80-65-260						200	250																87	
LEP80-65-320(H)						225	280																110	
LEP80-65-320G	45	50	65	526	225	280				125	95	400	315	18			367	42	110	45	12	120		
LEP100-80-160	25	80	100	125	530	180	225	65	14	125	95	320	250	14									53	
LEP100-80-200						180	250																76	
LEP100-80-260(H)						200	280																95	
LEP100-80-320(H)	35	100		140	526	250	315	80	16	160	120	440	340	18									118	
LEP100-80-320G						250	315																130	
LEP100-80-400						280	355																160	
LEP125-100-160	35	100	125	140	530	200	250	80	15	160	120	360	280	18									87	
LEP125-100-200						200	280																84	
LEP125-100-260(H)						225	280																102	
LEP125-100-320	45	150	200	180	530	250	315	100	18	200	150	500	400	23									118	
LEP125-100-400						280	355																176	
LEP150-125-200						250	315																112	
LEP150-125-260	35	125	150	160	470	250	355	80	16	160	120	400	315	18									117	
LEP150-125-320						280	355																155	
LEP150-125-400						315	400																178	
LEP150-125-500	55	200	250	200	670	355	450			200	150	550	450	23	19	515	60	140	64	18	450			
LEP200-150-200	35	150	200	180	555	280	400	100	18	200	150	660	560	23									300	
LEP200-150-260						250	355																163	
LEP200-150-320						280	400																170	
LEP200-150-400	55	200	250	180	670	315	450	120	20	200	150	600	480	28									207	
LEP250-200-260						315	450																219	
LEP250-200-320						315	480																286	
LEP250-200-400	55	250	300	220	682	400	560	150	26	110	250	660	510	28	14								328	
LEP300-250-320						450	560																366	
LEP300-250-400						450	560																396	
LEP350-300-400	65	300	350	300	720	425	670	120	30	140	250	190	760	660	30	19	515	60	140	64	18	550		

(ISO7005.2 DIN2501 PN16 GB/T17241.6 PN1.6)

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-φ 18	4-φ 18	4-φ 18	4-φ 18	8-φ 18	8-φ 18	8-φ 18	8-φ 22	12-φ 22	12-φ 26	12-φ 26	16-φ 26	16-φ 30

