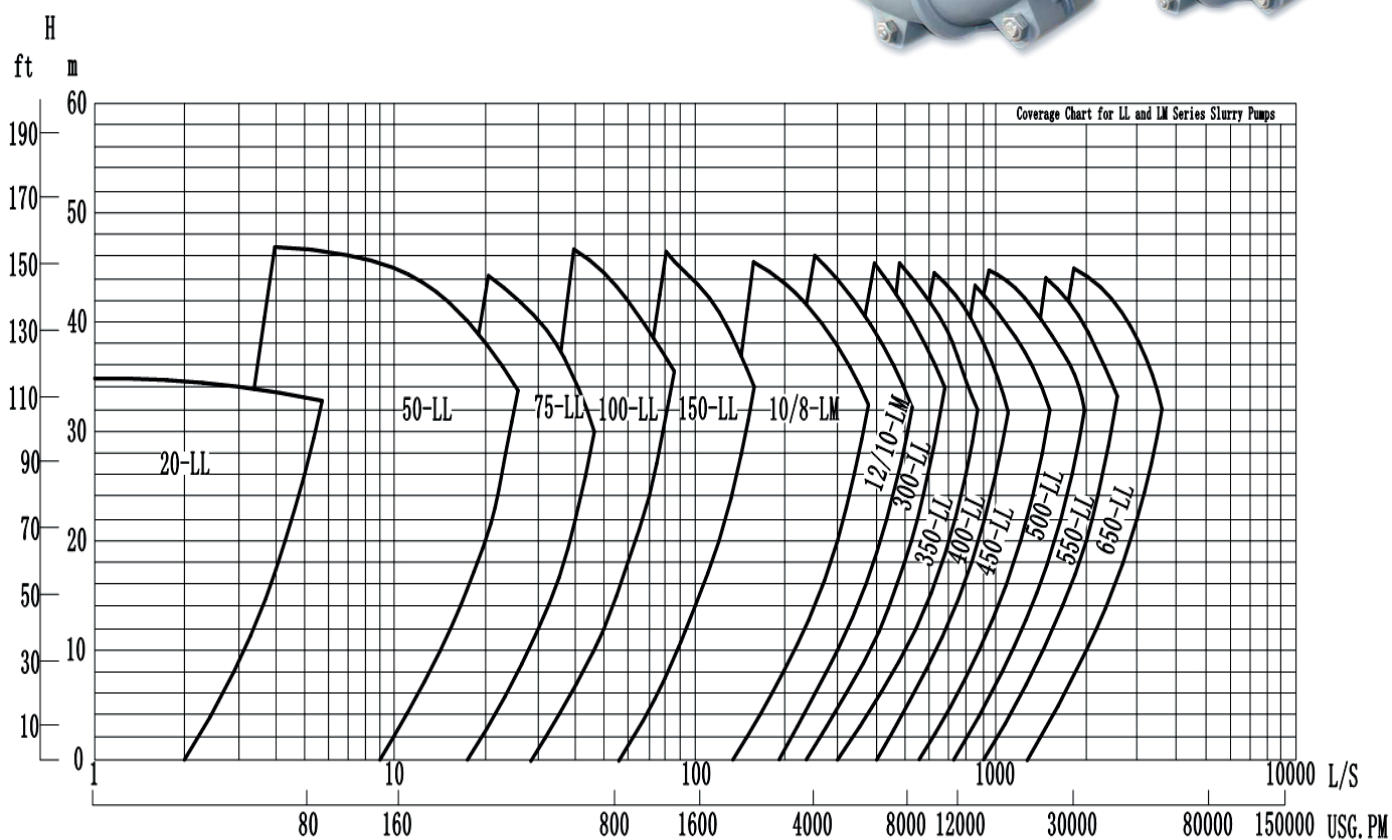


• Working Range

- Discharge size: 20-650mm
- Capacities to: 10260 m³/h
- Heads to: 63m
- Material: Metal and Rubber

• Pump Selection Chart

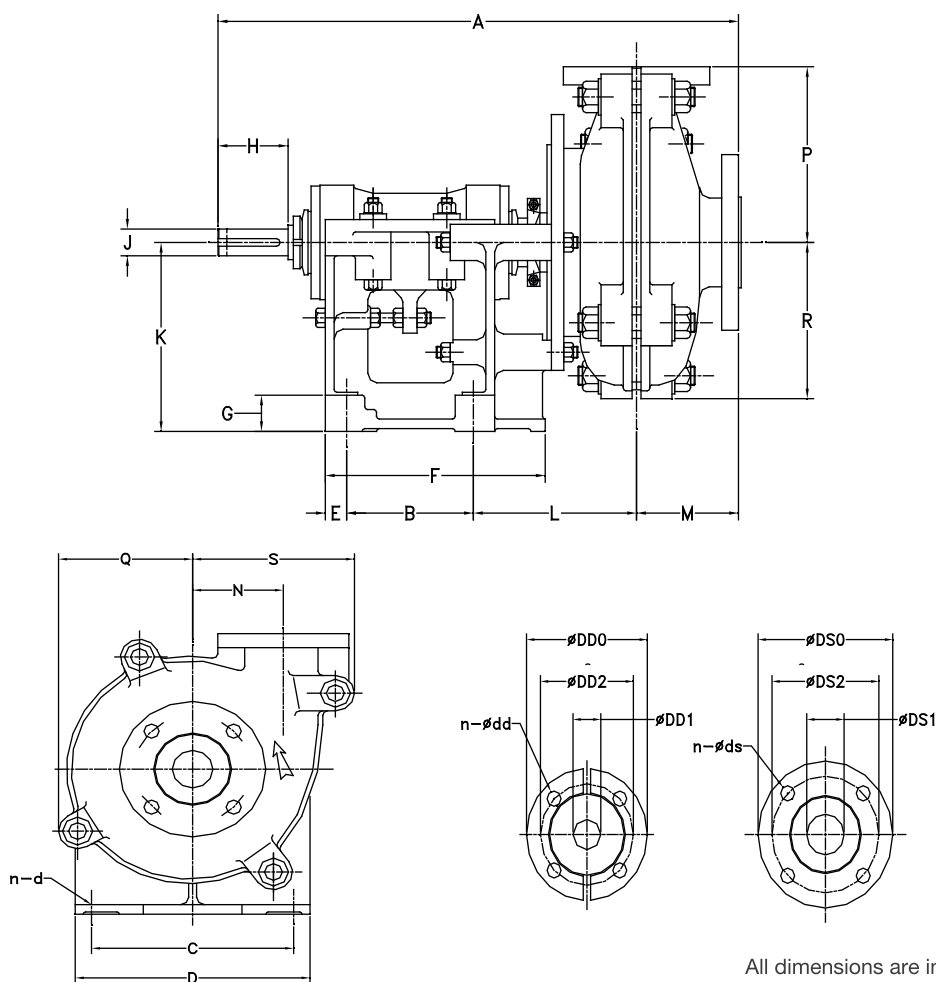


• LL(R) Clear Water Performance Table

Type	Max.Motor Power KW	Material		Clear Water Performance					
		Liner	Impellerr	Capacity Q		Head H(m)	Speed n(r/min)	Eff η %	NPSH (m)
				(m3/h)	(l/s)				
20A-LL	7.5	M	M	2.34-10.8	0.65 -3	6-37	1400-3000	39	3-5
20A-LLR		RU	RU	2.69 -9	0.6-2.5	7-32	1600-3000	33	
50B-LL	15	M	M	16.2 -76	4.5 -20	9-44	1400-2800	62	3-5
50B-LLR		RU	RU	12_6 -60	3.5 -17.6	6-38	1200-2600	48	
75C-LL	30	M	M	18 -151	5-42	4-45	900-2400	57	3-6
75C-LLR		RU	RU	25 -144	7-40	9-43	1000-2200	60	3-5
100D-LL	60	M	M	50 -252	14 -70	7-46	800-1800	60	2-3.5
100D-LLR		RU	RU	61 -252	17-70	8-38	800-1600	65	2-5
150E-LL	120	M	M	115-486	32 -135	12-51.5	800-1500	65	2-6
150E-LLR		RU	RU	137 -486	38 -135	10-36.5	800-1300		2.5-5.5
10/8E-LM	120	M	M	446-1325	124 -368	14 -63	600-1100	73	3-14
10/8E-LMR		RU	RU	277-1088	27 -322	11 -43	500-900	79	3-10
12/10F-LM	260	M	M	468-1386	130 -385	9-47	500-1000	73	3-10
12/10F-LMR		RU	RU	522-1278	140 -355	10-39	500-900	73	5-10
300S-LL	560	M	M	468-2538	130 -705	8-60	400-950	79	2-10
300S-LLR		RU	RU	432-1900	120 -528	7-41	400-800	81	3-8
350S-LL	560	M	M	650-2800	180 -780	10-59	400-840	81	3-10
350S-LLR		RU	RU	720-2844	200-790	10-41	400-700	86	3-7
400ST-LLR	560	RU	RU	756-3312	210 -920	7-37.5	300-600	85	2-8
400ST-LL		M	M	720-3312	200-920	7-51	300-700	80	2-10
450ST-LLR	560	RU	RU	1080-4356	300-1210	9-40	300-550	87	3-10
450ST-LL		M	M	1008-4356	280-1210	9-48	300-600	80	2-9
500T-LL	1200	M	M	1440-5580	400-1550	8-51	250-550	86	3-10
500T-LLR		RU	RU	1152-5112	320-1420	8-42	250-500	87	3-10
550TU-LL	1200	M	M	1980-7920	560-2200	10-50	250-475	86	4-10
550TU-LLR		RU	RU	2160 -6660	600-1850	13-43	250-425	88	3-10
650TU-LL	1200	M	M	3600-10260	1000-2850	10-57	200-425	86	4-10
650TU-LLR		RU	RU	2520-9108	700-2530	10 -39	200-350	86	2-8

1 Capacity range recommended $50\%Q' \leq Q \leq 110\%Q'$, ($Q' \approx$ Capacity at Max. eff. point) 2.M means alloy wear-resistant material, R means tubber

• Outline Dimension



All dimensions are in millimeter(mm)

TYPE	Pump head dimentions							Base dimentions										Suction Flange					Discharge Flange			
	A	L	M	N	P	Q	R	S	B	C	D	E	F	G	H	J	K	n-d	DS0	DS1	DS2	n-ds	DD0	DD1	DD2	n-dd
20A-LL	461	89	90	86	128	NUL	NUL	144	159	241	286	25	210	28	57	20	145	4-18	114	25	83	4-14	102	20	73	4-14
50B-LL	624	191	136	114	163	155	NUL	197	143	254	295	24	248	38	80	28	197	4-14	184	75	146	4-19	165	50	127	4-19
75C-LL	813	253	163	146	204	NUL	NUL	248	175	356	406	32	311	48	120	42	254	4-19	229	100	191	4-19	203	75	165	4-19
100D-LL	950	280	187	190	262	NUL	NUL	308	213	432	492	38	364	64	163	65	330	4-22	305	150	260	4-22	229	100	191	4-22
150E-LL	1218	376	237	248	324	NUL	NUL	403	257	546	622	54	448	76	220	80	457	4-29	368	200	324	8-19	305	150	260	8-19
10/8E-LM	1343	413	306	381	401	451	540	613	257	546	622	54	448	76	220	80	457	4-29	445	250	394	8-22	382	200	337	8-22
12/10F-LM	1549	451	324	438	470	476	603	696	257	546	622	54	448	76	220	80	457	4-29	552	305	495	8-32	483	254	425	8-32
300S-LL	1720	415	300	475	570	599	634	740	640	760	920	70	780	90	280	120	450	4-35	560	350	500	12-26	530	300	470	12-26
350S-LL	1776	425	340	530	620	643	691	825	640	760	920	70	780	90	280	120	450	4-35	640	400	580	12-26	590	350	530	12-26
400ST-LL	1840	480	375	600	740	747	809	942	620	900	1150	80	780	125	280	120	650	4-48	720	450	650	12-33	685	400	615	12-33
450ST-LL	1875	500	400	660	800	814	872	1040	620	900	1150	80	780	125	280	120	650	4-48	770	500	700	12-33	740	450	670	12-33
500T-L	2291	492	437	780	975	1013	1112	1251	880	900	1150	80	1040	125	350	150	650	4-48	875	550	780	12-39	850	500	750	12-39
550TU-LL	2400	625	500	860	975	1055	1142	1313	860	1200	1460	95	1050	150	350	150	900	4-79	975	650	880	12-39	900	550	800	12-39
650TU-LL	2508	641	580	1020	1179	2266	1360	1533	860	1200	1460	95	1050	150	350	150	900	4-79	1179	800	1092	12-45	1050	650	950	12-49