



APEC-SUN

In-line Pump



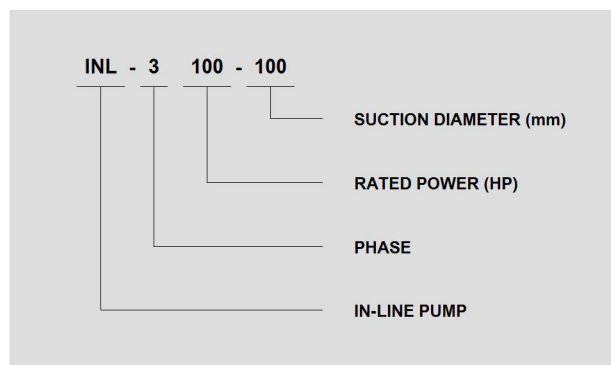
APPLICATIONS:

- Apply to air-condition cold or hot water circulation.
- Industrial water and municipal water supply.
- Used to increase pressure and supply water for high buildings.
- Fire-fighting water system.
- Can be used together with equipment.
- Boiler water supply.
- Farm water irrigation.

FEATURES:

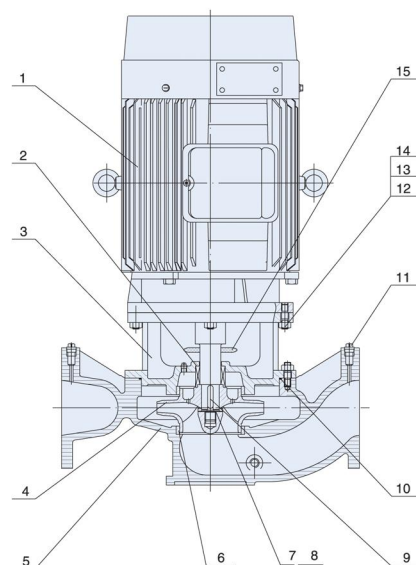
- Complete assortments and strong applications.
- Coaxial volute structure, high efficiency, small volume, light weight, easy installation and maintenance.
- The pump which is supported by imported bearing, runs at little vibration and low noise.
- Mechanical seal, no damage to shaft, no leakage, long duration.
- The optimal hydraulic model is used for impeller, the pump is of an utmost dynamic-static balance and reliable performance. Can choose other materials according to the customer's requirement.
- The shaft is made of quenching and tempering stainless.

TYPE DESCRIPTION:



CONSTRUCTION:

NO.	NAME	MATERIAL
1	Motor	
2	Mechanical Seal	C/AL ₂ O ₃
3	Bracket	FC200
4	Impeller	FC200
5	Pump Casing	FC200
6	Seal-Ring	LBC6
7	Nut	FC200
8	Stop Washer	SS34
9	Key	S45C
10	O-Ring	NBR
11	Plug	SS34
12	Screw	SS34
13	Nut	S45C
14	Washer	SS34
15	Water Slinger	NBR



PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED	CAPACITY	HEAD	EFF	MOTOR POWER		NPSHr	DIA.	WEIGHT
	(r/min)	(m ³ /h)	(m)	(%)	(HP)	(kW)	(m)	(mm)	(kg)
INL-30-25	2900	2	15	30	0.5	0.37	2.5	25	34
		2.5	13	35			2.5		
		3	12	34			3		
INL-31-40	2900	7.2	13	50	1	0.75	2.5	40	42
		9	11.5	55			2.5		
		10.8	10.5	54			3		
INL-32-40	2900	8.8	17.5	52	2	1.5	2.5	40	47
		11	16	58			2.5		
		13.2	14	57			3		
INL-32-50	2900	8	25.5	47	2	1.5	2.5	50	56
		10	24	53			2.5		
		12	21.5	52			3		
INL-33-50	2900	9.4	29.5	47	3	2.2	2.5	50	64
		11.7	28	52			2.5		
		14	25	50			3		
INL-35-50	2900	9.4	46	43	5	3.7	2.5	50	81
		11.7	44	46			2.5		
		13	40	45			3		
INL-37-50	2900	10	52	46	7.5	5.5	2.5	50	105
		12.5	50	48			2.5		
		15	47	46			3		
INL-32-65	2900	16.8	16.5	60	2	1.5	2.5	65	55
		21	15	67			2.5		
		25.2	13	66			3		
INL-33-65	2900	16.8	22	56	3	2.2	2.5	65	62
		21	20	61			2.5		
		25.2	16.5	59			3		
INL-35-65	2900	20	33.5	60	5	3.7	2.5	65	80
		25	32	65			2.5		
		30	28.5	64			3		
INL-37-65	2900	17.4	40.5	50	7.5	5.5	2.5	65	108
		21.7	38	56			2.5		
		26	34	54			3		
INL-310-65	2900	20	51.5	50	10	7.5	2.5	65	114
		25	50	61			2.5		
		30	47	60			3		
INL-35-80	2900	35.8	18	66	5	3.7	3	80	76
		44.7	16	73			3		
		53.6	14	72			3.5		
INL-37-80	2900	34.6	26	66	7.5	5.5	3	80	104
		43.3	24	69			3		
		52	21	67			3.5		
INL-310-80	2900	32	38	60	10	7.5	3	80	117
		40	36	67			3		
		48	33	66			3.5		
INL-315-80	2900	37.4	46.5	61	15	11	3	80	164
		46.8	44	67			3		
		56.2	41	66			3.5		
INL-320-80	2900	34.6	64	53	20	15	3	80	240
		43.3	60	59			3		
		52	57	58			3.5		
INL-325-80	2900	37	73.5	50	25	18.5	3	80	260
		46.8	70	61			3		
		56	65	60			3.5		
INL-330-80	2900	40	84	54	30	22	3	80	300
		50	80	63			3		
		60	75	62			3.5		

PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED	CAPACITY	HEAD	EFF	MOTOR POWER		NPSHr	DIA.	WEIGHT
	(r/min)	(m ³ /h)	(m)	(%)	(HP)	(kW)	(m)	(mm)	(kg)
INL-340-80	2900	36.4	108	46	40	30	3	80	360
		45.4	103	50			3		
		54.5	93	49			3.5		
INL-35-100	2900	56	13.5	66	5	3.7	4.5	100	90
		70	12	73			4.5		
		84	10	72			5		
INL-37-100	2900	68	17.5	68	7.5	5.5	4.5	100	104
		85	16	76			4.5		
		102	14	75			5		
INL-310-100	2900	72	22.5	69	10	7.5	4.5	100	122
		90	20	76			4.5		
		108	18	75			5		
INL-315-100	2900	72	31.5	71	15	11	4.5	100	200
		90	28	77			4.5		
		108	26	76			5		
INL-320-100	2900	69.2	40	67	20	15	4.5	100	220
		86.6	38	72			4.5		
		102	34.5	71			5		
INL-325-100	2900	74.8	46	68	25	18.5	4.5	100	260
		93.5	44	74			4.5		
		112.2	40	73			5		
INL-330-100	2900	80	52.5	68	30	22	4	100	330
		100	50	76			4		
		120	46	75			4.5		
INL-340-100	2900	74.8	74	65	40	30	4	100	392
		93.5	70	70			4		
		112.2	64	69			4.5		
INL-350-100	2900	80	84	65	50	37	4	100	412
		100	80	70			4		
		120	72	69			4.5		
INL-360-100	2900	72	105	54	60	45	4	100	472
		90	100	62			4		
		108	92	60			4.5		
INL-375-100	2900	76	118	58	75	55	4	100	562
		95.5	114	64			4		
		114	102	63			4.5		
INL-3100-100	2900	80	130	59	100	75	4	100	697
		100	125	66			4		
		120	118	65			4.5		
INL-360-150	2900	144	61	70	60	45	4.5	150	562
		180	58	75			4.5		
		216	52	74			5		
INL-375-150	2900	150	76	68	75	55	4.5	150	650
		187	70	74			4.5		
		224	63	73			5		
INL-3100-150	2900	160	86	67	100	75	4.5	150	770
		200	80	76			4.5		
		240	72	75			5		

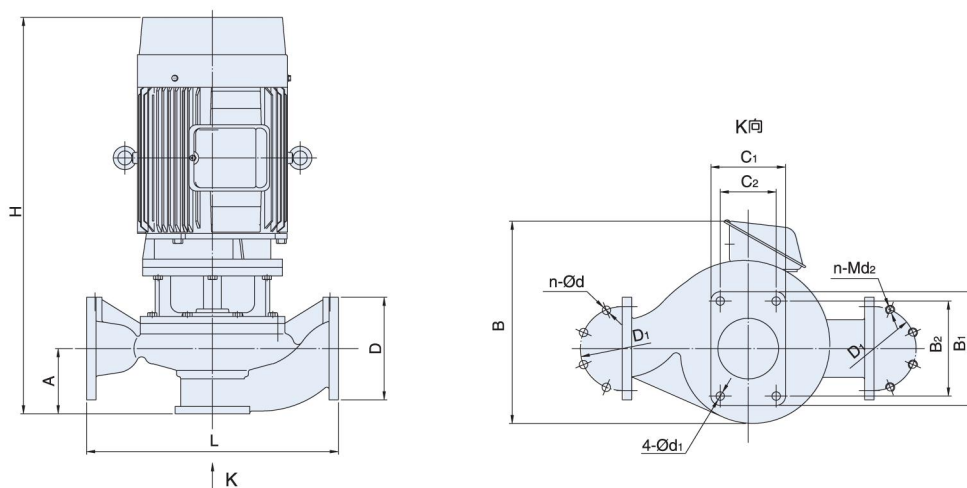
PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED	CAPACITY	HEAD	EFF	MOTOR POWER		NPSHr	DIA.	WEIGHT
	(r/min)	(m ³ /h)	(m)	(%)	(HP)	(kW)	(m)	(mm)	(kg)
INL-32-65	1450	18.7	11.8	56	2	1.5	3	65	70
		23.4	11	63			3		
		28	10.2	62			3.5		
INL-33-65	1450	18.4	18.3	53	3	2.2	3	65	90
		23	17	58			3		
		27.6	15.5	52			3.5		
INL-35-65	1450	17.6	27	42	5	3.7	3	65	120
		22	25	47			3		
		26.4	22.5	45			3.5		
INL-35-65(I)	1450	20	22	54	5	3.7	3	65	112
		25	20	60			3		
		30	18.5	59			3.5		
INL-37-65	1450	20	33	48	7.5	5.5	3	65	150
		25	32	54			3		
		30	30.8	53			3.5		
INL-33-100	1450	32	14	56	3	2.2	3	100	112
		40	12	63			3		
		48	9	62			3.5		
INL-35-100	1450	33	18.6	59	5	3.7	3	100	120
		46.7	17	64			3		
		56	16.6	63			3.5		
INL-37-100	1450	40	22	60	7.5	5.5	3	100	156
		50	20	66			3		
		60	18	65			3.5		
INL-310-100	1450	37	30	56	10	7.5	3	100	210
		46.7	28.5	62			3		
		56	26.5	61			3.5		
INL-315-100	1450	40	34	56	15	11	3	100	264
		50	32	62			3		
		60	29	61			3.5		
INL-37-125	1450	69.2	16.6	65	7.5	5.5	3	125	185
		86.5	15	73			3		
		103.8	13.2	71			3.5		
INL-310-125	1450	74.8	18.5	69	10	7.5	3	125	208
		93.5	17.5	74			3		
		112.2	16	73			3.5		
INL-315-125	1450	80	22	67	15	11	3	125	250
		100	20	75			3		
		120	18	74			3.5		
INL-315-125(I)	1450	72.6	27.2	62	15	11	3	125	262
		90.8	25.8	69			3		
		109	22.8	68			3.5		
INL-320-125	1450	80	34.5	67	20	15	3	125	290
		100	32	72			3		
		120	29	71			3.5		
INL-310-150	1450	107	15	71	10	7.5	3	150	248
		134	14	79			3		
		160	12.5	78			3.5		
INL-315-150	1450	120	18.5	73	15	11	3	150	296
		147	17	80			3		
		180	15	79			3.5		
INL+320-150	1450	128	21.5	75	20	15	3	150	317
		160	20	82			3		
		192	18	81			3.5		
INL-320-150(I)	1450	110	26	65	20	15	3	150	317
		138	24	71			3		
		166	21	70			3.5		

PERFORMANCE PARAMETERS:

PUMP MODEL	SPEED	CAPACITY	HEAD	EFF	MOTOR POWER		NPSHr	DIA.	WEIGHT
	(r/min)	(m ³ /h)	(m)	(%)	(HP)	(kW)	(m)	(mm)	(kg)
INL-325-150	1450	120	30	66	25	18.5	3	150	380
		150	28	73			3		
		180	25	72			3.5		
INL-330-150	1450	128	34.8	68	30	22	3	150	402
		160	32	74			3		
		192	28	73			3.5		
INL-315-200	1450	133	15	68	15	11	3	200	300
		167	14	76			3		
		200	13	75			3.5		
INL-320-200	1450	148	19	72	20	15	3	200	328
		185	17	78			3		
		222	15	77			3.5		
INL-325-200	1450	160	21.5	72	25	18.5	3	200	370
		200	20	80			3		
		240	18	78			3.5		
INL-325-200(I)	1450	138	25	69	25	18.5	3.5	200	395
		173	24	76			3.5		
		208	22	75			4		
INL-330-200	1450	148	31	72	30	22	3.5	200	415
		185	28	78			3.5		
		222	24	77			4		
INL-340-200	1450	160	34.6	72	40	30	3.5	200	500
		200	32	79			3.5		
		240	30	78			4		
INL-360-200	1450	256	35	73	60	45	4	200	540
		320	32	79			4		
		384	29	78			4.5		
INL-375-200	1450	276	40	71	75	55	4	200	670
		346	38	78			4		
		415	36	77			4.5		
INL-325-250	1450	264	15	75	25	18.5	4.5	250	415
		330	14	78			5		
		396	13	77			5.5		
INL-330-250	1450	288	18	73	30	22	5	250	440
		360	16	79			5		
		432	14	78			5.5		
INL-340-250	1450	320	22	74	40	30	5	250	520
		400	20	80			5		
		480	17	79			5.5		
INL-350-250	1450	304	28	72	50	37	5	250	570
		380	26	78			5		
		456	22	77			5.5		
INL-375-300	1450	432	26.2	73	75	55	5	300	880
		540	24	79			5		
		648	21	78			5.5		
INL-3100-300	1450	528	31	74	100	75	5	300	1050
		660	28	80			5		
		792	25.5	79			5.5		
INL-3125-300	1450	576	34	75	125	90	5	300	1200
		720	32	80			5		
		864	27	79			5.5		

INSTALLATION DIMENSIONS:



(2P)

PUMP MODEL	L	B	H	C1 x B1	A	C2 x B2	Ød1	D	D1	n - Ød	n - Md2
INL-30-25	250	205	349	130 x 130	67	100 x 100	14	115	85	4 - Ø14	4 - M12
INL-31-40	280	236	379	150 x 150	72	120 x 120	14	150	110	4 - Ø18	4 - M16
INL-32-40	280	268	416	150 x 150	72	120 x 120	14	150	110	4 - Ø18	4 - M16
INL-32-50	300	268	445	150 x 150	94	120 x 120	14	165	125	4 - Ø18	4 - M16
INL-33-50	360	286	452	120 x 170	95	80 x 130	14	165	125	4 - Ø18	4 - M16
INL-35-50	360	302	508	120 x 170	95	80 x 130	14	165	125	4 - Ø18	4 - M16
INL-37-50	360	355	550	120 x 170	95	80 x 130	14	165	125	4 - Ø18	4 - M16
INL-32-65	320	268	454	170 x 170	100	140 x 140	14	200	145	4 - Ø18	4 - M16
INL-33-65	320	268	454	170 x 170	100	140 x 140	14	200	145	4 - Ø18	4 - M16
INL-35-65	430	307	537	140 x 200	120	100 x 160	18	200	145	4 - Ø18	4 - M16
INL-37-65	430	355	579	140 x 200	120	100 x 160	18	200	145	4 - Ø18	4 - M16
INL-310-65	430	354	592	140 x 200	120	100 x 160	18	200	145	4 - Ø18	4 - M16
INL-35-80	360	302	519	150 x 160	105	120 x 130	14	200	160	8 - Ø18	8 - M16
INL-37-80	360	355	561	150 x 160	105	120 x 130	14	200	160	8 - Ø18	8 - M16
INL-310-80	430	354	592	140 x 200	120	100 x 160	18	200	160	8 - Ø18	8 - M16
INL-315-80	430	434	714	140 x 200	120	100 x 160	18	200	160	8 - Ø18	8 - M16
INL-320-80	540	434	748	160 x 220	140	120 x 180	18	220	160	8 - Ø18	8 - M16
INL-325-80	540	434	852	160 x 220	140	120 x 180	18	220	160	8 - Ø18	8 - M16
INL-330-80	600	537	869	190 x 280	140	150 x 240	18	220	160	8 - Ø18	8 - M16
INL-340-80	600	535	894	190 x 280	140	150 x 240	18	220	160	8 - Ø18	8 - M16
INL-35-100	400	302	540.5	150 x 180	120	120 x 150	14	220	180	8 - Ø18	8 - M16
INL-37-100	400	355	582	150 x 180	120	120 x 150	14	220	180	8 - Ø18	8 - M16
INL-310-100	400	354	597	150 x 180	120	120 x 150	14	220	180	8 - Ø18	8 - M16
INL-315-100	540	434	748	160 x 220	140	120 x 180	18	220	180	8 - Ø18	8 - M16
INL-320-100	540	434	748	160 x 220	140	120 x 180	18	220	180	8 - Ø18	8 - M16
INL-325-100	540	434	852	160 x 220	140	120 x 180	18	220	180	8 - Ø18	8 - M16
INL-330-100	540	537	863	160 x 220	140	120 x 180	18	220	180	8 - Ø18	8 - M16
INL-340-100	540	535	888	160 x 220	140	120 x 180	18	220	180	8 - Ø18	8 - M16
INL-350-100	600	564	959	190 x 280	140	150 x 240	18	220	180	8 - Ø18	8 - M16
INL-360-100	700	568	987	210 x 280	165	170 x 240	18	220	180	8 - Ø18	8 - M16
INL-375-100	700	640	996	210 x 280	165	170 x 240	18	220	180	8 - Ø18	8 - M16
INL-3100-100	700	796	1090	210 x 280	165	170 x 240	18	220	180	8 - Ø18	8 - M16
INL-360-150	710	551	1029	250 x 300	205	210 x 260	22	285	240	8 - Ø18	8 - M16
INL-375-150	710	640	1038	250 x 300	205	210 x 260	22	285	240	8 - Ø18	8 - M16
INL-3100-150	710	796	1132	250 x 300	205	210 x 260	22	285	240	8 - Ø22	8 - M20

INSTALLATION DIMENSIONS:

(4P)

PUMP MODEL	L	B	H	C1 x B1	A	C2 x B2	Ød1	D	D1	n - Ød	n - Md2
INL-32-65	430	297	478	140 x 200	120	100 x 160	18	200	145	4 - Ø18	4 - M16
INL-33-65	540	350	543	160 x 220	140	120 x 180	18	220	145	4 - Ø18	4 - M16
INL-35-65	700	434	583	210 x 280	162	170 x 240	18	220	145	4 - Ø18	4 - M16
INL-35-65(I)	600	377	561	190 x 280	140	150 x 240	18	220	145	4 - Ø18	4 - M16
INL-37-65	700	434	646	210 x 280	162	170 x 240	18	220	145	4 - Ø18	4 - M16
INL-33-100	540	350	543	160 x 220	140	120 x 180	18	220	180	8 - Ø18	8 - M16
INL-35-100	540	350	553	160 x 220	140	120 x 180	18	220	180	8 - Ø18	8 - M16
INL-37-100	600	386	624	190 x 280	140	150 x 240	18	220	180	8 - Ø18	8 - M16
INL-310-100	700	434	684	210 x 280	162	170 x 240	18	220	180	8 - Ø18	8 - M16
INL-315-100	700	477	768	210 x 280	162	170 x 240	18	220	180	8 - Ø18	8 - M16
INL-37-125	590	403	682	190 x 280	192	150 x 240	18	250	210	8 - Ø18	8 - M16
INL-310-125	590	403	720	190 x 280	192	150 x 240	18	250	210	8 - Ø18	8 - M16
INL-315-125	590	455	804	190 x 280	192	150 x 240	18	250	210	8 - Ø18	8 - M16
INL-315-125(I)	750	486	799	210 x 280	190	170 x 240	18	250	210	8 - Ø18	8 - M16
INL-320-125	750	486	843	210 x 280	190	170 x 240	18	250	210	8 - Ø18	8 - M16
INL-310-150	710	420	740	250 x 300	205	210 x 260	22	285	240	8 - Ø22	8 - M20
INL-315-150	710	460	824	250 x 300	205	210 x 260	22	285	240	8 - Ø22	8 - M20
INL-320-150	710	460	868	250 x 300	205	210 x 260	22	285	240	8 - Ø22	8 - M20
INL-320-150(I)	710	460	868	250 x 300	205	210 x 260	22	285	240	8 - Ø22	8 - M20
INL-325-150	770	548	938	250 x 300	205	210 x 260	22	285	240	8 - Ø22	8 - M20
INL-330-150	770	548	938	250 x 300	205	210 x 260	22	285	240	8 - Ø22	8 - M20
INL-315-200	720	466	829	270 x 320	210	230 x 280	22	340	295	12 - Ø22	12 - M20
INL-320-200	720	466	873	270 x 320	210	230 x 280	22	340	295	12 - Ø22	12 - M20
INL-325-200	720	537	944	270 x 320	210	230 x 280	22	340	295	12 - Ø22	12 - M20
INL-325-200(I)	800	556	949	270 x 330	210	230 x 290	22	340	295	12 - Ø23	12 - M20
INL-330-200	800	556	949	270 x 330	210	230 x 290	22	340	295	12 - Ø23	12 - M20
INL-340-200	800	557	974	270 x 330	210	230 x 290	22	340	295	12 - Ø23	12 - M20
INL-360-200	800	582	1039	270 x 330	210	230 x 290	22	340	295	12 - Ø23	12 - M20
INL-375-200	800	640	1048	270 x 330	210	230 x 290	22	340	295	12 - Ø23	12 - M20
INL-325-250	890	570	1031	320 x 380	282	260 x 320	22	395	350	12 - Ø22	12 - M20
INL-330-250	890	570	1031	320 x 380	282	260 x 320	22	395	350	12 - Ø22	12 - M20
INL-340-250	890	572	1066	320 x 380	282	260 x 320	22	395	350	12 - Ø22	12 - M20
INL-350-250	890	597	1131	320 x 380	282	260 x 320	22	395	350	12 - Ø22	12 - M20
INL-375-300	1200	672	1238	450 x 500	360	400 x 450	23	445	400	12 - Ø22	12 - M20
INL-3100-300	1200	807	1332	450 x 500	360	400 x 450	23	445	400	12 - Ø22	12 - M20
INL-3125-300	1200	807	1389	450 x 500	360	400 x 450	23	445	400	12 - Ø22	12 - M20