適用範圍 Applications:

YDL系列液下泵適用于輸送稀薄、干凈、不含固體顆粒和纖維的非易爆無腐蝕性或輕度腐蝕性液體，具體用于機床冷卻液、潤滑液、冷凝水、工業清洗設備和其他浸入式泵使用的場合。

YDL pump suitable for transporting clean, thin and non-explosive liquids which are free of solid particles and fibre and also non-aggressive to SUS304 stainless steel.To avoid overload and danger，the pump should be operated within the performance ranges.

Applications

Mechine tool coolant
Lubricants
Condensate water
Industrial washing equipment
Other situation that use Immersion pump.

工作條件 Working condition

液體溫度：-15℃~+110℃
使用環境溫度範圍：-15℃~+40℃
泵的使用參照性能表範圍，以防止電機過載，造成危險。

Liquid temperature:-15℃~+110℃
Ambient temperature range:-15℃~+40℃
To avoid overload and danger the pump should be operated within the performance ranges.

材質 Materials

泵殼葉輪泵軸：SUS304
泵頭：鑄鐵
電機殼：鋁合金
標準機械密封：氟像膠/碳化鳥/石墨（根據需要可提供特殊密封材料）
Impeller, pump shaft:SUS304 stainless steel
Pump head：Cast iron
Motor casing:Aluminum-alloy
Standard mechanical seal:Viton/TC/Carbon (Special mechanical seal materials are available upon request)

型號說明 Symbols



性能表 Performance Date

性能表說明:

性能采用標準二極50Hz電機在2900rpm， 測試水温為20℃，性能測試依據ISO2548C級標準和G B3126級標準。

Performance specifications:

The performance is obtained using 2 pole,50Hz standard motor at 2900rpm.Water test temperature 20℃ performance limits ISO2548 specification for standard class C pumps& G B3126 specification for standard class 2 pump.

YDL1性能表 Performance Date

n=2900rpm

型號 Model	功率 Power		流 量 Capacity								
三相 Three phase 380V 50Hz	KW	HP	m^3/h	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
			1/min	6.7	10	13.3	16.7	20	23.3	26.7	30	33.3
			揚 程 Head (m)									
YDL1-20	0.37	0.5		13	12.5	12	11.5	11	10.5	10	9.5	9
YDL1-30	0.37	0.5		18	17.5	17	16.5	16	15.5	15	14.5	14
YDL1-40	0.37	0.5		24	23.5	23	22.5	22	21.5	21	20	19
YDL1-50	0.37	0.5		30	29.5	29	28.5	28	27	26	25	24
YDL1-60	0.37	0.5		36	35.5	35	34	33	32	31	30	28
YDL1-70	0.37	0.5		42.5	42	41	40	39	38	37	35	33
YDL1-80	0.55	0.75		48.5	47	46	45	44	43	42	40	38
YDL1-90	0.55	0.75		54.5	54	53	52	50	49	47	45	43
YDL1-100	0.55	0.75		60.5	60	59	57.5	56	54	52.5	50	47
YDL1-110	0.55	0.75		67	65.5	64	62.5	61	60	57.5	55	52
YDL1-120	0.75	1.0		73	71.5	70	68.5	67	65	63	60	56
YDL1-130	0.75	1.0		79	77.5	76	74.5	72	70.5	68	65	61
YDL1-140	0.75	1.0		85	83	81	79	78	76	73.5	70	66
YDL1-150	0.75	1.0		91	89	87	85	83	81	79	75	71
YDL1-170	1.1	1.5		103	101	99	97	94	92	89	85	80
YDL1-190	1.1	1.5		115	113	111	109	106	103	99.5	95	90
YDL1-210	1.1	1.5		127	125	123	121	117	114	110	105	99
YDL1-230	1.1	1.5		139	137	135	133	128	125	120	115	108
YDL1-250	1.5	2.0		151	149	146	144	140	136	131	125	118
YDL1-270	1.5	2.0		163	161	158	156	150	147	141	135	127

YDL2性能表 Performance Date

n=2900rpm

型號 Model	功率 Power		流 量 Capacity						
三相 Three phase 380V 50Hz	kW	HP	m^3/h	1.0	1.5	2.0	2.5	3.0	3.5
			1/min	16.7	25	33.3	41.7	50	58.3
			揚 程 Head (m)						
YDL2-20	0.37	0.5		16	15.5	15	14	12.5	10.5
YDL2-30	0.37	0.5		24	23	22	20	19	16
YDL2-40	0.55	0.75		32.5	31	29.5	27.5	25.5	21
YDL2-50	0.55	0.75		41	39	36.5	34	31	26
YDL2-60	0.75	1.0		52	50	47	43	39	33
YDL2-70	0.75	1.0		60	58	53	50	45	39
YDL2-90	1.1	1.5		78	74	69	63	58	46
YDL2-110	1.1	1.5		96	91	85	80	72	57
YDL2-130	1.5	2.0		112	107	100	90	81	69
YDL2-150	1.5	2.0		130	124	114	104	93	77
YDL2-160	2.2	3.0		137	132	122.5	112	103	82
YDL2-170	2.2	3.0		147	140	129	119	109	87
YDL2-180	2.2	3.0		156	149	138	130	114	93
YDL2-190	2.2	3.0		163	156	144.5	133	119.5	97
YDL2-200	2.2	3.0		172	164	152	140	128	104
YDL2-220	2.2	3.0		185	173	165	150	140	112
YDL2-230	3.0	4.0		198	188	175	161	147	117
YDL2-240	3.0	4.0		206	196	182.5	168	154	123
YDL2-260	3.0	4.0		218	203	194	176	165	135

Type YDL 型液下式立式多級離心泵

YDL3性能表 Performance Date

n=2900rpm

型號 Model	功率 Power		流量 Capacity								
三相 Three phase 380V 50Hz	千瓦 kW	馬力 HP	m^3/h	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0
			1/min	20	26.7	33.3	40	46.7	50	53.3	60	66.7
			揚程 Head (m)									
YDL3-20	0.37	0.5		12	11.5	11	10.5	10	9.5	9	7.5	6
YDL3-30	0.37	0.5		18	17	16.5	15.5	15	14	13	11	9
YDL3-40	0.37	0.5		24.5	23	22.5	21	20	18.5	17	15	12
YDL3-50	0.37	0.5		30	29	28	26.5	25	23	21	19	15
YDL3-60	0.55	0.75		37	35	34	32	30	28	26	23	18
YDL3-70	0.55	0.75		43	41.5	40	37	35	33	31	27	21
YDL3-80	0.75	1.0		49	47.5	46	42.5	40	38	36	31	25
YDL3-90	0.75	1.0		55	53	51.5	48	45	43	41	35	28
YDL3-100	0.75	1.0		61	59	56.5	53	50	47	44	38	31
YDL3-110	1.1	1.5		67	64.5	62	58	55	52	48	42	34
YDL3-120	1.1	1.5		73	70	68	63.5	60	57	53	46	37
YDL3-130	1.1	1.5		79	76	74	69	65	62	58	50	40
YDL3-150	1.1	1.5		92	88	86	80	75	71	67	58	46
YDL3-170	1.5	2.0		103	100	97	90	85	81	76	65	52
YDL3-190	1.5	2.0		116	112	108	101	95	90	85	73	58
YDL3-210	2.2	3.0		128	124	120	112	105	100	94	81	65
YDL3-230	2.2	3.0		140	135	131	122	115	110	103	89	71
YDL3-250	2.2	3.0		152	147	142	133	125	120	111	97	77
YDL3-270	2.2	3.0		165	159	152	144	135	129	120	105	84

YDL4性能表 Performance Date

n=2900rpm

型號 Model	功率 Power		流量 Capacity							
三相 Three phase 380V 50Hz	KW	HP	m^3/h	2	3	4	5	6	7	8
			1/min	33.3	50	66.7	83.3	100	116.6	133.3
			揚程 Head (m)							
YDL4-20	0.37	0.5		18	17	16	15	14	10	6
YDL4-30	0.55	0.75		26	25	24	22.5	20	12	7.5
YDL4-40	0.75	1.0		35	33.5	32	29.5	26.5	16	10
YDL4-50	1.1	1.5		43	40	37	33	28	23	12
YDL4-60	1.1	1.5		52	50	45	41	34	25	14
YDL4-70	1.5	2.0		61	58	53	47.5	40	28	18
YDL4-80	1.5	2.0		70	66.5	61	54	46	32	21
YDL4-100	2.2	3.0		86	80	74	66	56	41	23
YDL4-120	2.2	3.0		105	99	91	82	68	47	27
YDL4-130	2.2	3.0		114	107	97.5	87	74	53	31
YDL4-140	2.2	3.0		123	116	106	93	79	56	33
YDL4-150	3.0	4.0		131	124	112.5	100	85.5	61	36
YDL4-160	3.0	4.0		142	133	122	111	93	67	38
YDL4-170	4.0	5.5		149	140	127.5	114	97	70	41
YDL4-180	4.0	5.5		158	149	135	121	103	74	43
YDL4-190	4.0	5.5		166	157	143	127.5	111	78	47
YDL4-200	4.0	5.5		175	165	150	134	115	82	49
YDL4-210	4.0	5.5		184	173	157.5	141	120	86	51
YDL4-220	4.0	5.5		190	180	164	146	124	91	54

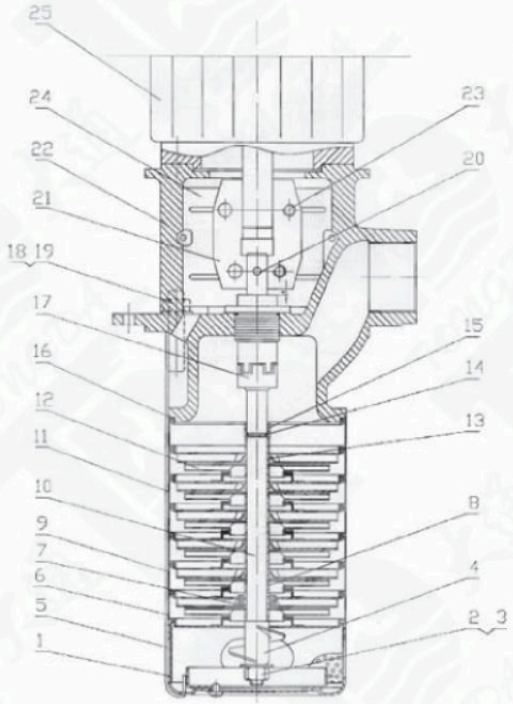
YDL5性能表 Performance Date

n=2900rpm

型號 Model	功率 Power		流量 Capacity							
三相 Three phase 380V 50Hz	千瓦 kW	馬力 HP	m^3/h	2	3	4	5	6	7	8
			1/min	33.3	50	66.7	83.3	100	116.6	133.3
			揚程 Head (m)							
YDL5-20	0.37	0.75		14	13.5	13	12	10.5	8.5	6
YDL5-30	0.55	0.75		21.5	20.5	20	18	15.5	12.5	9
YDL5-40	0.55	0.75		28.5	27.5	26.5	24	21	17	12.5
YDL5-50	0.75	1.0		36	34.5	33	30	26	21	15.5
YDL5-60	1.1	1.5		43	41	40	36	31.5	25.5	19
YDL5-70	1.1	1.5		50	48	46	42	36.5	30	22
YDL5-80	1.1	1.5		57	55	53	48	42	34	25
YDL5-90	1.5	2.0		64	62	60	54	47	38	28
YDL5-100	1.5	2.0		71	69	66	60	52.5	42.5	31
YDL5-110	2.2	3.0		78	75.5	73	66	57.5	46.5	34.5
YDL5-120	2.2	3.0		85.5	82	80	72	63	51	37.5
YDL5-130	2.2	3.0		92.5	89	86	78	68	55	41
YDL5-140	2.2	3.0		100	96	92	84	73	59.5	44
YDL5-150	2.2	3.0		107	103	99	90	78.5	63.5	47
YDL5-160	2.2	3.0		114	110	106	96	84	68	50
YDL5-180	3.0	4.0		128	124	120	108	94	76.5	56
YDL5-200	3.0	4.0		142.5	138	132	120	105	85	62.5
YDL5-220	4.0	5.5		157	151	146	132	115	93.5	69
YDL5-240	4.0	5.5		171	164	160	144	126	102	75
YDL5-260	4.0	5.5		185	178	172	156	136	110	81

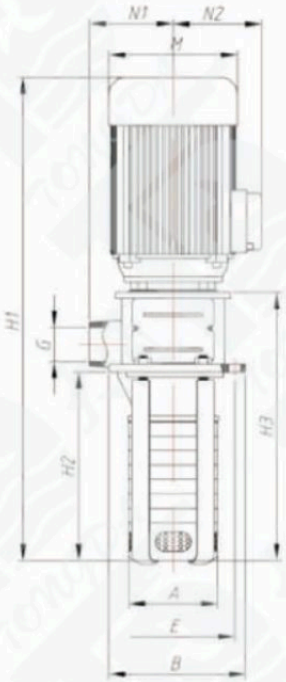
Immersion type Vertical Multi-stage Stainless Steel Pumps

結構圖 Structure



序號 No.	部件名稱 Description	序號 No.	部件名稱 Description	序號 No.	部件名稱 Description
1	導流部件V Diffuser AssemblyV	10	泵軸 Pump shaft	19	墊圈 Washer
2	螺母 Nut	11	導流部件III Diffuser Assembly III	20	銷釘 Pin
3	墊圈 Washer	12	葉輪 Impeller	21	聯軸器 Coupling
4	吸入導輪 Guide pulley	13	軸套II Shaft sleeve II	22	泵頭 Pump head
5	緊固件 Tension Bar	14	定位環 Position ring	23	內六角螺釘 Screw
6	導流部件I Diffuser Assembly I	15	軸套III Shaft sleeveIII	24	擋板 Coupling guard
7	滑動軸承 Plain bearing	16	密封圈 Gasket	25	電機 Motor
8	軸套I Shaft sleeve I	17	機械密封 Mechanical seal		
9	導流部件II Diffuser Assembly II	18	螺母 Nut		

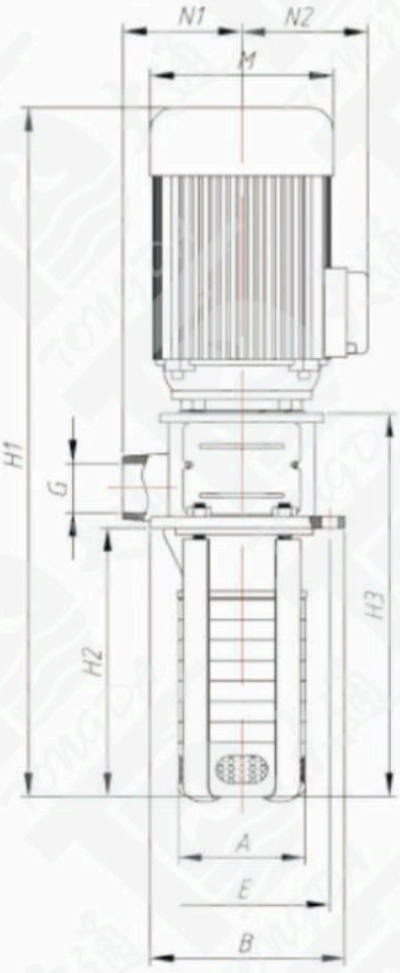
安裝尺寸 Dimensions



型號 Model	尺寸（mm）Size									
	N1	N2	M	H1	H2	H3	G	A	B	E
YDL1-20	99.5	105	140	502	161	262	G1½	111	180	160
YDL1-30	99.5	105	140	520	179	280	G1½	111	180	160
YDL1-40	99.5	105	140	538	197	298	G1½	111	180	160
YDL1-50	99.5	105	140	556	215	316	G1½	111	180	160
YDL1-60	99.5	105	140	574	233	334	G1½	111	180	160
YDL1-70	99.5	105	140	592	251	352	G1½	111	180	160
YDL1-80	99.5	105	140	610	269	370	G1½	111	180	160
YDL1-90	99.5	105	140	628	287	388	G1½	111	180	160
YDL1-100	99.5	105	140	646	305	406	G1½	111	180	160
YDL1-110	99.5	105	140	664	323	424	G1½	111	180	160
YDL1-120	99.5	110	156	697	341	442	G1½	111	180	160
YDL1-130	99.5	110	156	715	359	460	G1½	111	180	160
YDL1-140	99.5	110	156	733	377	478	G1½	111	180	160
YDL1-150	99.5	110	156	748	395	496	G1½	111	180	160
YDL1-170	99.5	110	156	784	431	532	G1½	111	180	160
YDL1-190	99.5	110	156	820	467	568	G1½	111	180	160
YDL1-210	99.5	110	156	856	503	604	G1½	111	180	160
YDL1-230	99.5	110	156	892	539	640	G1½	111	180	160
YDL1-250	99.5	118	177	961	575	676	G1½	111	180	160
YDL1-270	99.5	118	177	997	611	712	G1½	111	180	160

Type YDL 型液下式立式多級離心泵

安裝尺寸 Dimensions



型號 Model	尺寸 (mm) Size									
	N1	N2	M	H1	H2	H3	G	A	B	E
YDL2-20	99.5	105	140	502	161	262	G1½	111	180	160
YDL2-30	99.5	105	140	520	179	280	G1½	111	180	160
YDL2-40	99.5	105	140	538	197	298	G1½	111	180	160
YDL2-50	99.5	105	140	556	215	316	G1½	111	180	160
YDL2-60	99.5	110	156	589	233	334	G1½	111	180	160
YDL2-70	99.5	110	156	607	251	352	G1½	111	180	160
YDL2-90	99.5	110	156	643	287	388	G1½	111	180	160
YDL2-110	99.5	110	156	679	323	424	G1½	111	180	160
YDL2-130	99.5	118	177	745	359	460	G1½	111	180	160
YDL2-150	99.5	118	177	781	395	496	G1½	111	180	160
YDL2-160	99.5	118	177	799	413	514	G1½	111	180	160
YDL2-170	99.5	118	177	817	431	532	G1½	111	180	160
YDL2-180	99.5	118	177	835	449	550	G1½	111	180	160
YDL2-190	99.5	118	177	853	467	568	G1½	111	180	160
YDL2-200	99.5	118	177	871	485	586	G1½	111	180	160
YDL2-220	99.5	118	177	907	521	622	G1½	111	180	160
YDL2-230	99.5	135	196	975	539	650	G1½	111	180	160
YDL2-240	99.5	135	196	993	557	668	G1½	111	180	160
YDL2-260	99.5	135	196	1029	593	704	G1½	111	180	160

型號 Model	尺寸 (mm) Size									
	N1	N2	M	H1	H2	H3	G	A	B	E
YDL3-20	99.5	105	140	502	161	262	G1½	111	180	160
YDL3-30	99.5	105	140	520	179	280	G1½	111	180	160
YDL3-40	99.5	105	140	538	197	298	G1½	111	180	160
YDL3-50	99.5	105	140	556	215	316	G1½	111	180	160
YDL3-60	99.5	105	140	574	233	334	G1½	111	180	160
YDL3-70	99.5	105	140	592	251	352	G1½	111	180	160
YDL3-80	99.5	110	156	625	269	370	G1½	111	180	160
YDL3-90	99.5	110	156	643	287	388	G1½	111	180	160
YDL3-100	99.5	110	156	661	305	406	G1½	111	180	160
YDL3-110	99.5	110	156	679	323	424	G1½	111	180	160
YDL3-120	99.5	110	156	697	341	442	G1½	111	180	160
YDL3-130	99.5	110	156	715	359	460	G1½	111	180	160
YDL3-150	99.5	110	156	751	395	496	G1½	111	180	160
YDL3-170	99.5	118	177	817	431	532	G1½	111	180	160
YDL3-190	99.5	118	177	853	467	568	G1½	111	180	160
YDL3-210	99.5	118	177	889	503	604	G1½	111	180	160
YDL3-230	99.5	118	177	925	539	640	G1½	111	180	160
YDL3-250	99.5	118	177	961	575	676	G1½	111	180	160
YDL3-270	99.5	118	177	997	611	712	G1½	111	180	160

型號 Model	尺寸 (mm) Size									
	N1	N2	M	H1	H2	H3	G	A	B	E
YDL4-20	99.5	105	140	529	188	289	G1½	111	180	160
YDL4-30	99.5	105	140	556	215	316	G1½	111	180	160
YDL4-40	99.5	110	156	598	242	343	G1½	111	180	160
YDL4-50	99.5	110	156	625	269	370	G1½	111	180	160
YDL4-60	99.5	110	156	652	296	397	G1½	111	180	160
YDL4-70	99.5	118	177	709	323	424	G1½	111	180	160
YDL4-80	99.5	118	177	736	350	451	G1½	111	180	160
YDL4-100	99.5	118	177	790	404	505	G1½	111	180	160
YDL4-120	99.5	118	177	844	458	559	G1½	111	180	160
YDL4-130	99.5	118	177	871	485	586	G1½	111	180	160
YDL4-140	99.5	118	177	898	512	613	G1½	111	180	160
YDL4-150	99.5	135	196	975	539	650	G1½	111	180	160
YDL4-160	99.5	135	196	1002	566	677	G1½	111	180	160
YDL4-170	99.5	135	196	1029	593	704	G1½	111	180	160
YDL4-180	99.5	135	196	1056	620	731	G1½	111	180	160
YDL4-190	99.5	135	196	1083	647	758	G1½	111	180	160
YDL4-200	99.5	135	196	1110	674	785	G1½	111	180	160
YDL4-210	99.5	135	196	1137	701	812	G1½	111	180	160
YDL4-220	99.5	135	196	1164	728	839	G1½	111	180	160

型號 Model	尺寸 (mm) Size									
	N1	N2	M	H1	H2	H3	G	A	B	E
YDL5-20	99.5	105	140	529	188	289	G1½	111	180	160
YDL5-30	99.5	105	140	556	215	316	G1½	111	180	160
YDL5-40	99.5	105	140	583	242	343	G1½	111	180	160
YDL5-50	99.5	110	156	625	269	370	G1½	111	180	160
YDL5-60	99.5	110	156	652	296	397	G1½	111	180	160
YDL5-70	99.5	110	156	679	323	424	G1½	111	180	160
YDL5-80	99.5	110	156	706	350	451	G1½	111	180	160
YDL5-90	99.5	118	177	763	377	478	G1½	111	180	160
YDL5-100	99.5	118	177	790	404	505	G1½	111	180	160
YDL5-110	99.5	118	177	817	431	532	G1½	111	180	160
YDL5-120	99.5	118	177	844	458	559	G1½	111	180	160
YDL5-130	99.5	118	177	871	485	586	G1½	111	180	160
YDL5-140	99.5	118	177	898	512	613	G1½	111	180	160
YDL5-150	99.5	118	177	925	539	640	G1½	111	180	160
YDL5-160	99.5	118	177	952	566	667	G1½	111	180	160
YDL5-180	99.5	135	196	1056	620	731	G1½	111	180	160
YDL5-200	99.5	135	196	1110	674	785	G1½	111	180	160
YDL5-220	99.5	152	217	1179	728	839	G1½	111	180	160
YDL5-240	99.5	152	217	1233	782	893	G1½	111	180	160
YDL5-260	99.5	152	217	1287	836	947	G1½	111	180	160