



DEEP WELL BOREHOLE PUMPS

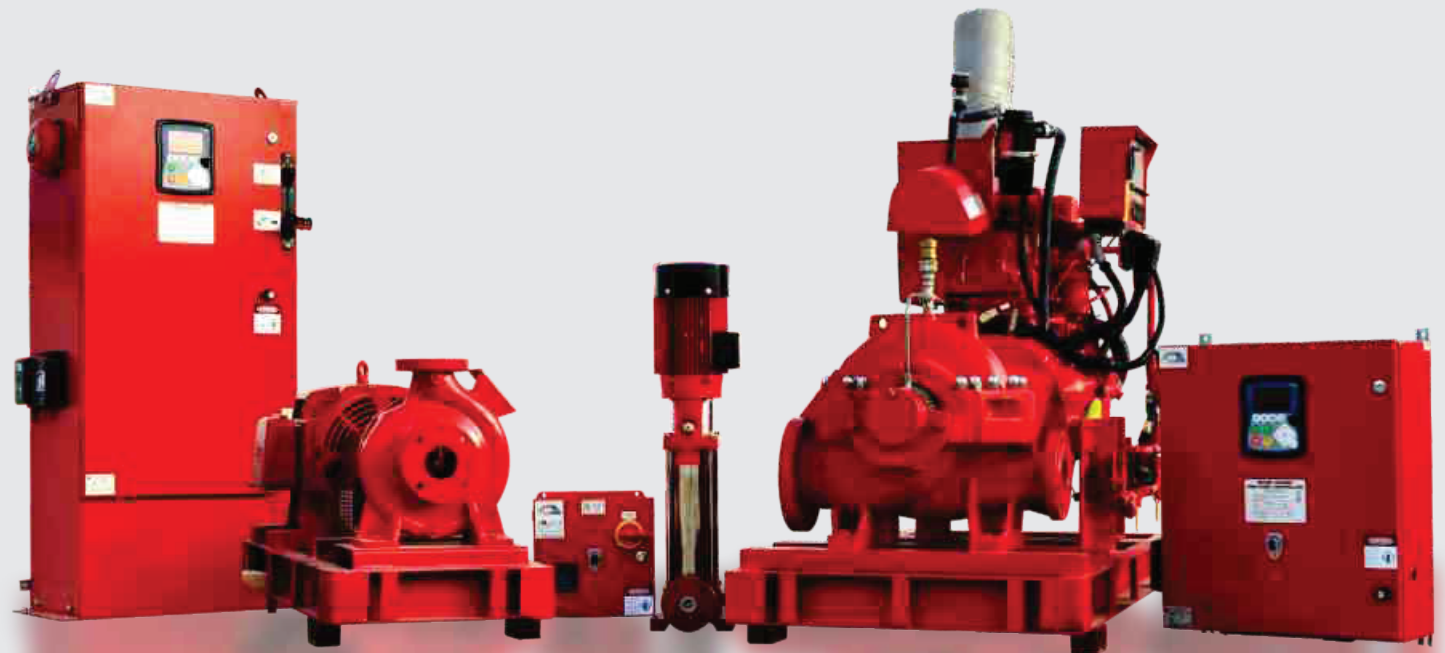


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Shandong Facility

ABOUT FIRE PUMP SINGAPORE (FPS)

FPS, with its 20 years of experience has always been a progressive organization that has remained in the forefront of the Fire Fighting Industry with innovative, unconventional, environmental friendly, re-engineered and unique products.

FPS in its state-of-the-art manufacturing plants in **China** works in close connections with renowned governmental and certification bodies to provide key answers to the challenges faced by the society.

FPS brings together over 2-Decades of expertise and experience in form of **Design, Consultancy, Manufacturing, Supply, Installation, Testing, Commissioning, Maintenance & Refurbishment** of fire protection and fire fighting systems.



FPS CERTIFIED FACILITY FOR FIRE PUMP SYSTEMS

TESTING FACILITY AND ASSEMBLY LINE

FPS has established a fully equipped AS2941 Pump Testing facility with advance testing and calibration devices that enable to accurately inspect and test the operation of each Centrifugal Stationery Fire Pump to the required level of compliance standard as per AS2941.

The Fire Pumps then undergo various processes in our modern well organized manufacturing and assembly line.

Before delivering to our customers, each pump undergoes necessary inspection, tests and production control, during the Assembly process, for which all records are maintained.

PERFORMANCE TESTS

Performance curves are plotted within the FPS AS2941 **Approved Pump Testing Facility** showing the Efficiency, Break-Horsepower(kw), and Total Head developed at shutoff, at rated capacity, at 150%of rated capacity, and at selected intermediate capacities between shutoff and maximum capacities exceeding 150% of rated capacity.



FPS CERTIFIED FACILITY FOR FIRE PUMP SYSTEMS

HYDROSTATIC TEST

Each pump is to be tested hydro-statically for not less than 5 minutes. The test pressure is to be up to 2 times the maximum working pressure of the pump, but in no case less than 250psi (1724 kPa) to ensure no rupture or leakage through the castings at the test pressure.

IMPELLER BALANCING

The impellers of each pump shall be dynamically balanced to the G6.3 balance quality grade in accordance with the requirements for pump impellers in the Standard for Mechanical Vibration -Balance Quality.



DEEP WELL BOREHOLE PUMPS

DESIGN & OPERATION FEATURES



Type CPLC vertical long-shaft pump is a newly developed product with both homeland and overseas advanced experience in design and manufacture. It is used to deliver clear water, sewage with certain solid water and seawater with corrosive. The temperature of the liquid is capped at 80 degrees Celcius. It is widely used in original water works, waste water factory, metallurgy and steel industry (especially suitable for delivering oxygenation iron sheet water in swirl pool), power station, mine, civil project and farmland etc.



DEEP WELL BOREHOLE PUMPS

LIST OF MAIN PARTS AND MATERIALS

Pumped Medium Material Sort Part Name	Clear Water	Sewage	Seawater	
	I	II	III	IV
Bell Mouth	HT250	HT250	HT250Ni2Cr	ZG00Cr17Ni14Mo2
Impeller	HT250	ZG1Cr13Ni1/ ZG1Cr18Ni9	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2
Diffuser	HT250	QT500-7	HT250Ni2Cr	ZG00Cr17Ni14Mo2
Water Column	Q235-A	Q235-A	HT250Ni2Cr	ZG00Cr17Ni14Mo2
Discharge Elbow	Q235-A	Q235-A	HT250Ni2Cr	ZG00Cr17Ni14Mo2
Guard Column	Q235-A	Q235-A	1Cr18Ni9Ti	00Cr17Ni14Mo2
Shaft	45#steel/2Cr13	5#steel/2Cr13	1Cr18Ni9Ti	1Cr18Ni9Ti
Shaft Sleeve	2Cr13	2Cr13	1Cr17Ni2	1Cr17Ni2
Guide Bearing	Filling in ethane or Thordon			
Guide Bearing Body	HT250	HT250	HT250Ni2Cr	ZG00Cr17Ni14Mo2
Sealing Ring	HT250	2Cr13	HT250Ni2Cr	ZG00Cr17Ni14Mo2
Adapter Coupling	45#steel/2Cr13	45#steel/2Cr13	1Cr17Ni2	1Cr17Ni2
Coupling	HT250	HT250	HT250	HT250
Motor Support	Q235-A	Q235-A	Q235-A	Q235-A

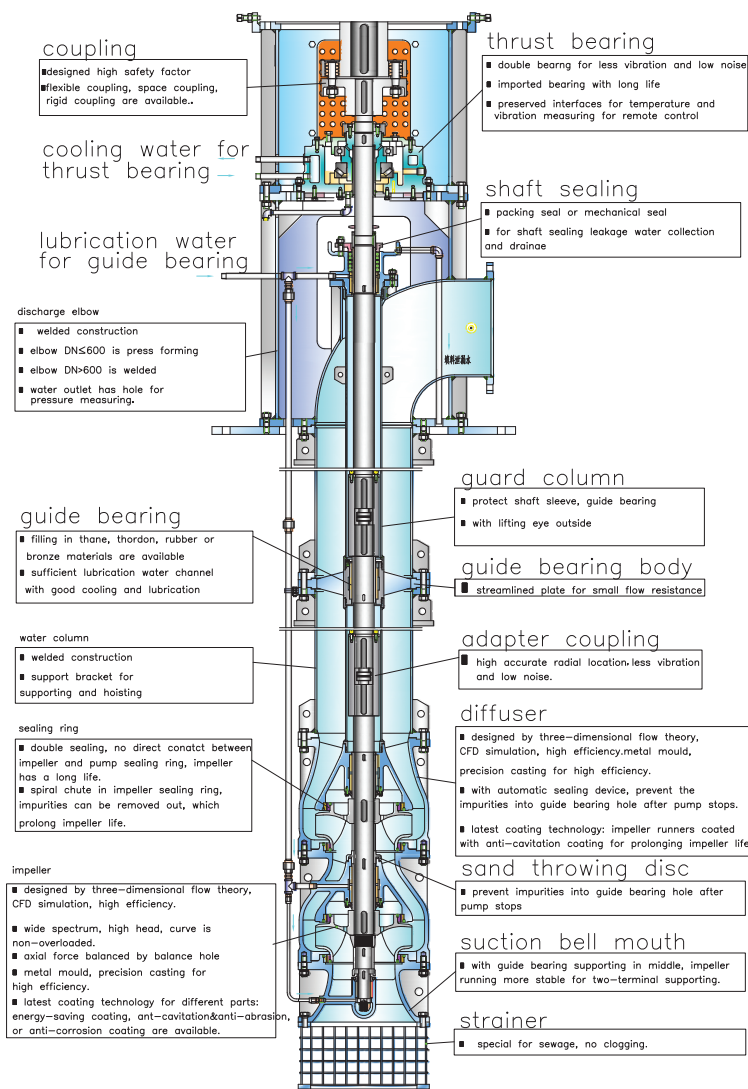
Remarks: other materials be supplied as per customer's request.



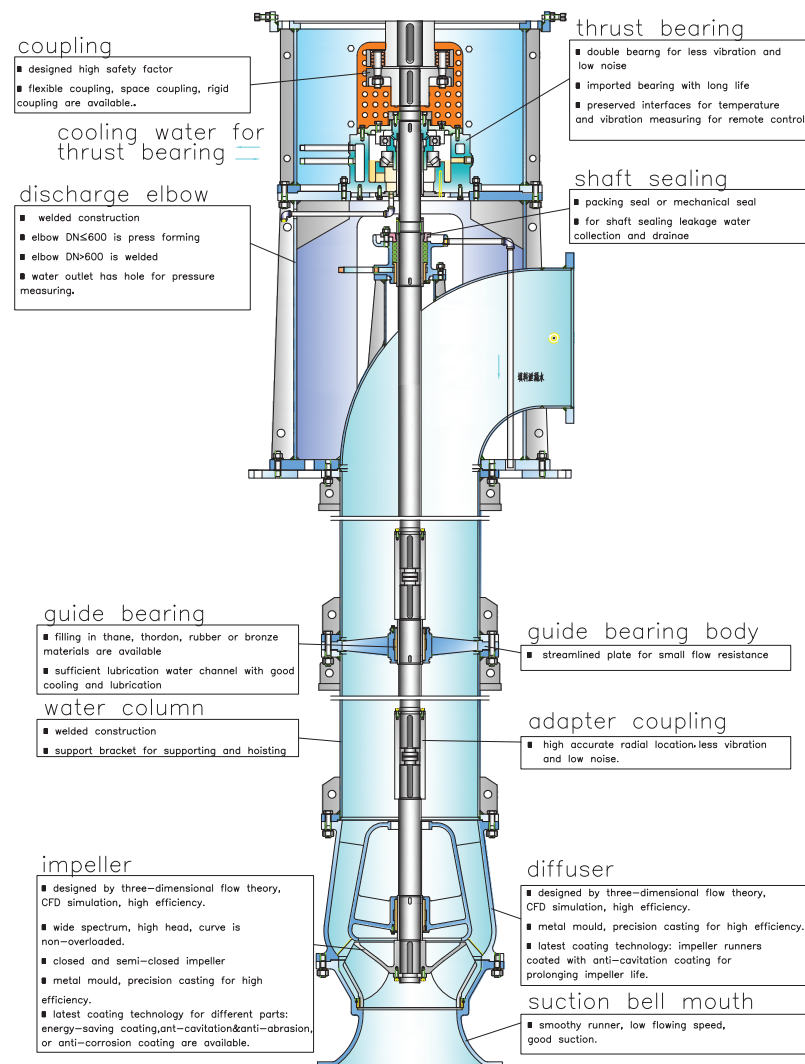
DEEP WELL BOREHOLE PUMPS

CONSTRUCTION DRAWINGS

CONSTRUCTOIN DRAWING 1



CONSTRUCTOIN DRAWING 2





DEEP WELL BOREHOLE PUMPS

NOMENCLATURE

500CPLC2 - 60A

500 - pump outlet diameter DN500

CPLC - type deep well borehole, vertical long-shaft pump

2 - number of stages

60 - design point total head 60m

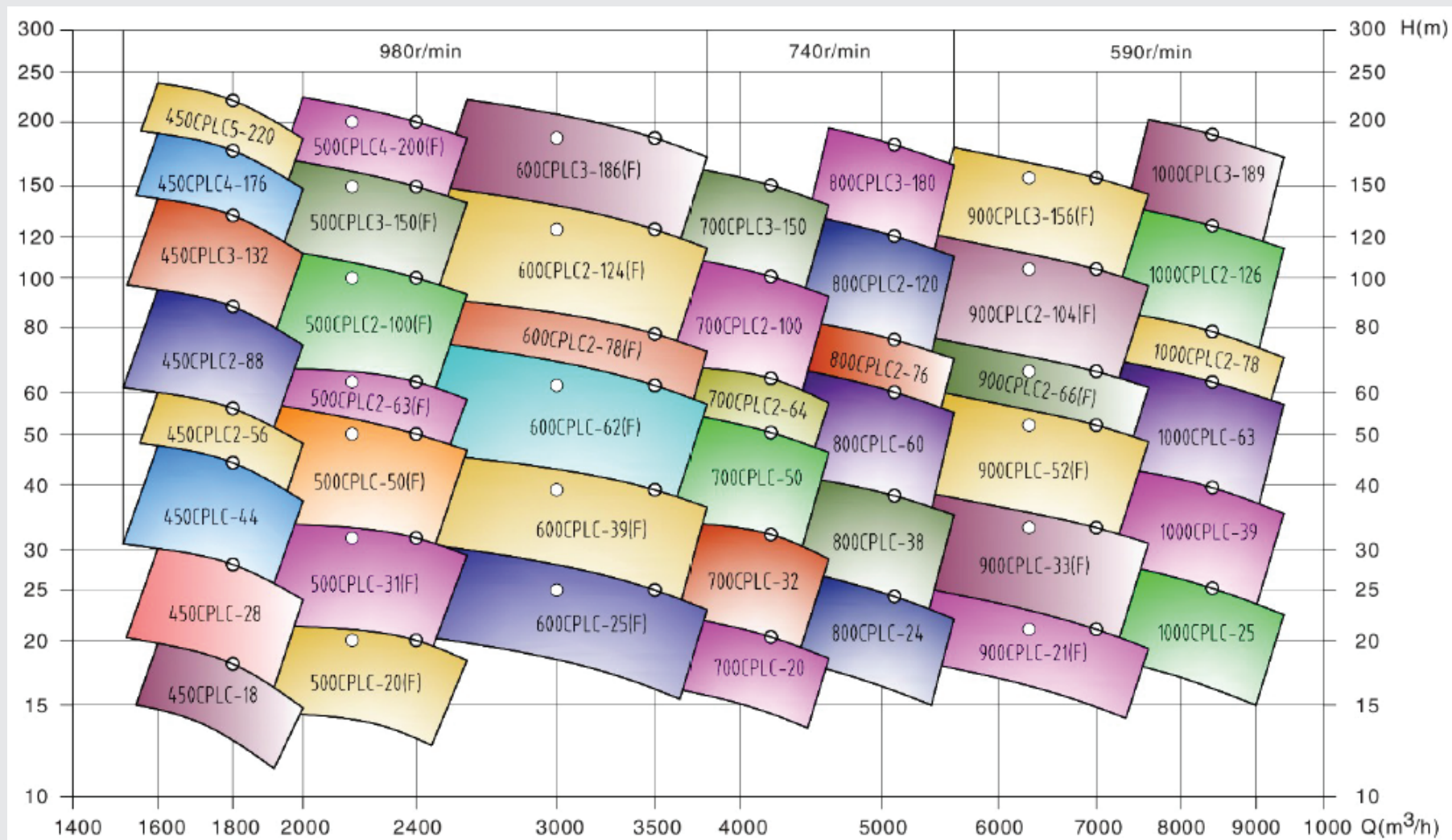
A - impeller trimming code





DEEP WELL BOREHOLE PUMPS

FAMILY PUMP CURVE





DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model No	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power kW	Model No	%	kg
200CPLC-19E	160	44.4	20.5	1480	12.2	18.5	Y160L-4	73	900+170N
	200	55.6	19		13.4			77.5	
	240	66.7	15.8		14.2			73	
200CPLC-25E	160	44.4	27.8	1480	16.6	30	Y200L-4	73	900+170N
	200	55.6	25		17.6			77.5	
	240	66.7	21.3		18.8			74	
200CPLC2-38E	160	44.4	41	1480	24.5	37	Y225S-4	73	1020+170N
	200	55.6	38		26.7			77.5	
	240	66.7	31.6		28.3			73	
200CPLC2-50E	160	44.4	55.6	1480	33.2	45	Y225M-4	73	1020+170N
	200	55.6	50		35.2			77.5	
	240	66.7	42.6		37.6			74	
200CPLC3-75E	160	44.4	83.4	1480	49.8	75	Y280S-4	73	1140+170N
	200	55.6	75		52.7			77.5	
	240	66.7	63.9		56.5			74	
200CPLC4-100E	160	44.4	111.2	1480	66.4	90	Y280M-4	73	1300+180N
	200	55.6	100		70.3			77.5	
	240	66.7	85.2		75.3			74	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model No	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power kW	Model No	%	kg
200CPLC5-125E	160	44.4	139	1480	83.0	110	Y315S-4	73	1450+180N
	200	55.6	125		87.9			77.5	
	240	66.7	106.5		94.1			74	
200CPLC6-150E	160	44.4	166.8	1480	99.6	132	Y315M-4	73	1600+180N
	200	55.6	150		105.5			77.5	
	240	66.7	127.8		113.0			74	
200CPLC-19	240	66.7	20.5	1480	18.4	30	Y200L-4	73	900+170N
	300	83.3	19		19.9			78	
	360	100	15.8		21.2			73	
200CPLC-19A	240	66.7	16.6	1480	14.9	22	Y180L-4	73	900+170N
	300	83.3	14.5		15.4			77	
	360	100	11.9		16.2			72	
200CPLC-19F	280	77.8	20.8	1480	21.47	37	Y225S-4	73	900+170N
	360	100	19		23.9			78	
	432	120	15.8		25.5			73	
200CPLC-19FA	280	77.8	16.8	1480	17.8	30	Y200L-4	72	900+170N
	360	100	14.5		18.5			77	
	432	120	11.9		19.2			73	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

parameter Model No	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power kW	Model No	%	kg
200CPLC-25	240	66.7	27.8	1480	24.9	37	Y225S-4	73	900+170N
	300	83.3	25		26.2			78	
	360	100	21.3		28.2			74	
200CPLC-25F	280	77.8	27.8	1480	29.1	45	Y225M-4	73	900+170N
	360	100	25		31.4			78	
	432	120	21.3		33.9			74	
200CPLC2-38	240	66.7	41	1480	36.7	55	Y250M-4	73	1020+170N
	300	83.3	38		39.8			78	
	360	100	31.6		42.5			73	
200CPLC2-38F	280	77.8	41.6	1480	43.5	75	Y280S-4	73	1020+170N
	360	100	38		47.8			78	
	432	120	31.6		51.0			73	
200CPLC2-50	240	66.7	55.6	1480	49.8	75	Y280S-4	73	1020+170N
	300	83.3	50		52.4			78	
	360	100	42.6		56.5			74	
200CPLC2-50F	280	77.8	55.6	1480	58.1	90	Y280M-4	73	1020+170N
	360	100	50		62.9			78	
	432	120	42.6		67.8			74	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model No	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model No		m ³ /h
200CPLC3-75	240	66.7	83.4	1480	74.7	110	Y315S-4	73	1140+170N
	300	83.3	75		78.6			78	
	360	100	63.9		84.7			74	
200CPLC3-75F	280	77.8	83.4	1480	87.2	132	Y315M-4	73	1140+170N
	360	100	75		94.3			78	
	432	120	63.9		101.7			74	
200CPLC4-100	240	66.7	111.2	1480	99.6	132	Y315M-4	73	1300+180N
	300	83.3	100		104.8			78	
	360	100	85.2		113.0			74	
200CPLC4-100F	280	77.8	111.2	1480	116.2	160	Y315L1-4	73	1300+180N
	360	100	100		125.8			78	
	432	120	85.2		135.5			74	
200CPLC5-125	240	66.7	139	1480	124.5	160	Y315L1-4	73	1450+180N
	300	83.3	125		131.0			78	
	360	100	106.5		141.2			74	
200CPLC5-125F	280	77.8	139	1480	145.3	200	Y315L2-4	73	1450+180N
	360	100	125		157.2			78	
	432	120	106.5		169.4			74	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model No	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model No		m³/h
200CPLC6-150	240	66.7	166.8	1480	149.3	200	Y315L2-4	73	1600+180N
	300	83.3	150		157.2			78	
	360	100	127.8		169.4			74	
200CPLC6-150F	280	77.8	166.8		174.3			73	
	360	100	150	1480	188.7	250	Y355M2-4	78	1600+180N
	432	120	127.8		203.3			74	
250CPLC-10	432	120	11.5		17.8			76	
	540	150	10	1480	18.4	30	Y200L-4	80	1200+250N
	600	166.7	8.9		18.9			77	
250CPLC-14	432	120	15.8		24.5			76	
	540	150	14	1480	25.4	37	Y225S-4	81	1200+250N
	600	166.7	12.7		27.0			77	
250CPLC-20	432	120	21.6		33.0			77	
	540	150	20	1480	36.8	45	Y225M-4	80	1200+250N
	600	166.7	18		37.7			78	
250CPLC-20A	360	100	15.0		19.6			75	
	450	125	13.9	1480	21.6	30	Y200L-4	79	1200+250N
	500	138.9	12.5		22.4			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
						Power P	Model NO		
	m ³ /h	l/s	m	r/min	kW	kW		%	kg
250CPLC-32	432	120	35		52.8			78	
	540	150	32	1480	58.9	75	Y280S-4	80	1280+250N
	600	166.7	30		63.7			77	
250CPLC-32A	360	100	24.3		31.0			77	
	450	125	22.2	1480	34.5	55	Y250M-4	79	1280+250N
	500	138.9	20.8		37.3			76	
250CPLC2-40	432	120	43.2		66.0			77	
	540	150	40	1480	73.6	90	Y280M-4	80	1400+250N
	600	166.7	36		75.5			78	
250CPLC2-64	432	120	70		105.7			78	
	540	150	64	1480	117.7	160	Y315L1-4	80	1500+250N
	600	166.7	60		127.4			77	
250CPLC2-64A	360	100	48.6		61.9			77	
	450	125	44.4	1480	69.0	90	Y280M-4	79	1500+250N
	500	138.9	41.7		74.7			76	
250CPLC3-96	432	120	105		158.5			78	
	540	150	96	1480	176.6	220	Y355M1-4	80	1720+250N
	600	166.7	90		191.1			77	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P	Model NO	%	kg
						kW			
250CPLC3-96A	360	100	72.9	1480	92.9	132	Y315M-4	77	1720+250N
	450	125	66.7		103.5			79	
	500	138.9	62.5		112.1			76	
250CPLC4-128	432	120	140	1480	211.3	280	Y355L1-4	78	1940+250N
	540	150	128		235.4			80	
	600	166.7	120		254.8			77	
250CPLC4-128A	360	100	97.2	1480	123.9	185	Y315L2-4	77	1940+250N
	450	125	88.9		138.0			79	
	500	138.9	83.3		149.4			76	
250CPLC5-160	432	120	175	1480	264.1	355	YLS355-4	78	2160+250N
	540	150	160		294.3			80	
	600	166.7	150		318.5			77	
300CPLC-10	600	166.7	14.3	1480	29.6	37	Y225S-4	79	1250+260N
	720	200	10		24.1			81.5	
	800	222.2	7.2		20.7			76	
300CPLC-14	600	166.7	17.8	1480	36.8	45	Y225M-4	79	1250+260N
	720	200	14		33.7			81.5	
	800	222.2	10.5		30.1			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
						Power P	Model NO		
	m³/h	l/s	m	r/min	kW	kW		%	kg
300CPLC-19	600	166.7	21.6	1480	44.7	55	Y250M-4	79	1320+270N
	720	200	19		45.8			81.5	
	800	222.2	16.4		47.0			76	
300CPLC-19A	540	150	17.6	1480	33.6	45	Y225M-4	77	1320+270N
	650	180.6	15.5		34.3			80	
	720	200	13.4		35.1			75	
300CPLC-25	600	166.7	27	1480	55.2	75	Y280S-4	80	1340+270N
	720	200	25		60.6			81	
	800	222.2	23		63.1			79.5	
300CPLC-25A	540	150	22.0	1480	42.6	55	Y250M-4	76	1340+270N
	650	180.6	20.4		45.2			80	
	720	200	18.8		48.5			76	
300CPLC-33	600	166.7	35	1480	75.3	110	Y315S-4	76	1400+270N
	720	200	33		79.9			81	
	800	222.2	31.3		86.4			79	
300CPLC-42	600	166.7	45.5	1480	96.6	132	Y315M-4	77	1480+270N
	720	200	42		101.7			81	
	800	222.2	39.4		110.1			78	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P	Model NO	%	kg
						kW			
300CPLC-42A	540	150	37.1	1480	71.8	90	Y280M-4	76	1480+270N
	650	180.6	34.2		75.7			80	
	720	200	32.0		81.5			77	
300CPLC2-50	600	166.7	54	1480	110.4	160	Y315L1-4	80	1580+270N
	720	200	50		121.1			81	
	800	222.2	46		126.1			79.5	
300CPLC2-66	600	166.7	70	1480	150.6	220	Y355M1-4	76	1650+270N
	720	200	66		159.9			81	
	800	222.2	62.6		172.7			79	
300CPLC2-84	600	166.7	91	1480	193.2	250	Y355M2-4	77	1780+270N
	720	200	84		203.5			81	
	800	222.2	78.8		220.2			78	
300CPLC3-99	600	166.7	105	1480	225.9	315	Y355L2-4	76	2000+300N
	720	200	99		239.8			81	
	800	222.2	93.9		259.1			79	
300CPLC3-126	600	166.7	136.5	1480	289.8	355	YLS355-4	77	2400+300N
	720	200	126		305.2			81	
	800	222.2	118.2		330.4			78	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
300CPLC4-168	600	166.7	182	1480	386.5	500	YLS400-4	77	2800+350N
	720	200	168		406.9			81	
	800	222.2	157.6		440.5			78	
300CPLC5-210	600	166.7	227.5	1480	483.1	630	YLS400-4	77	3200+350N
	720	200	210		508.7			81	
	800	222.2	197		550.6			78	
350CPLC-10	800	222.2	12.2	1480	35.5	45	Y225M-4	75	1520+270N
	1000	277.8	10		33.4			81.5	
	1200	333.3	7.0		29.4			78	
350CPLC-14	800	222.2	16.3	1480	47.4	55	Y250M-4	75	1520+270N
	1000	277.8	14		46.8			81.5	
	1200	333.3	10.0		43.0			76	
350CPLC-19	800	222.2	20.3	1480	56.7	75	Y280S-4	78	1540+270N
	900	250	19		57.5			81	
	1050	291.7	16.1		60.6			76	
350CPLC-19F	960	266.7	21.5	1480	72.1	90	Y280M-4	78	1540+270N
	1080	300	19		69.0			81	
	1260	350	16.5		74.5			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
350CPLC-30	800	222.2	32	1480	87.2	132	Y315M-4	80	1650+320N
	900	250	30.2		89.8			82.5	
	1050	291.7	27		101.6			76	
350CPLC-30A	713	198.1	30.2	1480	76.2	110	Y315S-4	77	1650+320N
	850	236.1	27.3		77.6			81.5	
	998	272.2	23		83.4			75	
350CPLC-30B	675	187.5	27.4	1480	65.9	90	Y280M-4	76.5	1650+320N
	810	225	24.5		66.8			81	
	945	262.5	20.7		71.1			75	
350CPLC-30F	960	266.7	32	1480	104.6	160	Y315L1-4	80	1650+320N
	1080	300	30.2		107.7			82.5	
	1260	350	27		122.0			76	
350CPLC-40	800	222.2	42.8	1480	115.2	160	Y315L1-4	81	1700+320N
	900	250	40		119.6			82	
	1050	291.7	36.7		132.9			79	
350CPLC-40A	708	196.7	38.4	1480	92.6	132	Y315M-4	80	1700+320N
	850	236.1	35.7		102.1			81	
	992	275.6	31.8		108.8			79	



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Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
350CPLC-40F	960	266.7	42.8	1480	138.2	200	Y315L2-4	81	1700+320N
	1080	300	40		143.6			82	
	1260	350	36.7		159.5			79	
350CPLC-48	800	222.2	51.4	1480	140.1	200	Y315L2-4	80	1850+320N
	900	250	48		144.4			81.5	
	1050	291.7	42.5		153.0			79.5	
350CPLC-48A	708	196.7	46.7	1480	114.1	160	Y315L1-4	79	1850+320N
	850	236.1	43.2		124.3			80.5	
	992	275.6	38.4		132.3			78.5	
350CPLC-48F	960	266.7	51.4	1480	168.1	220	Y355M1-4	80	1850+320N
	1080	300	48		173.3			81.5	
	1260	350	42.5		183.6			79.5	
350CPLC2-60	800	222.2	64	1480	176.6	250	Y355M2-4	79	1920+320N
	900	250	60.4		180.6			82	
	1050	291.7	51		194.6			75	
350CPLC2-60F	960	266.7	64	1480	209.3	280	Y355L1-4	80	1920+320N
	1080	300	60.4		215.5			82.5	
	1260	350	54		244.0			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
350CPLC2-80	800	222.2	85.6	1480	230.4	315	Y355L2-4	81	1970+320N
	900	250	80		239.3			82	
	1050	291.7	73.4		265.8			79	
350CPLC2-80F	960	266.7	85.6	1480	276.5	355	YLS355-4	81	1970+320N
	1080	300	80		287.1			82	
	1260	350	73.4		319.0			79	
350CPLC2-96	800	222.2	103.1	1480	284.5	355	YLS355-4	79	2200+350N
	900	250	96		290.7			81	
	1050	291.7	85		309.9			78.5	
350CPLC2-96A	708	196.7	93.4	1480	229.6	315	Y355L2-4	78.5	2200+350N
	850	236.1	86.4		250.1			80	
	992	275.6	76.8		266.2			78	
350CPLC2-96F	960	266.7	102.8	1480	336.2	400	YLS400-4	80	2200+350N
	1080	300	96		346.7			81.5	
	1260	350	85		367.1			79.5	
350CPLC3-120	800	222.2	128	1480	344.5	450	YLS400-4	81	2500+350N
	900	250	120		358.9			82	
	1050	291.7	106.8		382.0			80	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
350CPLC3-120F	960	266.7	128	1480	387.6	500	YLS400-4	81	2500+350N
	1080	300	120		430.7			82	
	1260	350	106.8		436.5			80	
350CPLC3-144	800	222.2	154.8	1480	421.8	560	YLS400-4	80	2600+350N
	900	250	144		433.3			81.5	
	1050	291.7	127.5		458.9			79.5	
350CPLC3-144F	960	266.7	154.2	1480	504.2	630	YLS400-4	80	2600+350N
	1080	300	144		520.0			81.5	
	1260	350	127.5		550.7			79.5	
350CPLC4-192	800	222.2	205.6	1480	567.3	710	YLS450-4	79	3100+400N
	900	250	192		581.3			81	
	1050	291.7	170		619.7			78.5	
350CPLC4-192F	960	266.7	205.6	1480	672.3	800	YLS450-4	80	3100+400N
	1080	300	192		693.3			81.5	
	1260	350	170		734.2			79.5	
350CPLC5-240	800	222.2	257	1480	700.3	900	YLS450-4	80	3600+400N
	900	250	240		722.2			81.5	
	1050	291.7	212.5		764.9			79.5	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
350CPLC5-240F	960	266.7	257		840.4			80	
	1080	300	240	1480	866.7	1000	YLS450-4	81.5	3600+400N
	1260	350	212.5		917.8			79.5	
400CPLC-10	1200	333.3	13.2		54.3			79.5	
	1400	388.9	10	1480	46.5	75	Y280S-4	82	2100+350N
	1600	444.4	7.4		41.9			77	
400CPLC-14	1200	333.3	18.5		76.6			79	
	1400	388.9	14	1480	65.1	90	Y280M-4	82	2100+350N
	1600	444.4	10.6		60.0			77	
400CPLC-19	1050	291.7	22.4		82.2			78	
	1320	366.7	19	1480	83.3	110	Y315S-4	82	2150+380N
	1500	416.7	16.2		86.0			77	
400CPLC-19A	1000	277.8	20		70.8			77	
	1250	347.2	17	1480	71.5	90	Y280M-4	81	2150+380N
	1430	397.2	14.3		73.3			76	
400CPLC-19F	1200	333.3	22.4		93.9			78	
	1500	416.7	19	1480	94.7	132	Y315M-4	82	2150+380N
	1700	472.2	16.2		97.5			77	
400CPLC-25	1050	291.7	28.3		103.8			78	
	1320	366.7	25	1480	107.7	160	Y315L1-4	83.5	2170+380N
	1500	416.7	22		113.8			79	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
400CPLC-25A	1000	277.8	25.2	1480	89.2	132	Y315M-4	77	2170+380N
	1250	347.2	23		95.0			82.5	
	1430	397.2	19.6		97.9			78	
400CPLC-25F	1200	333.3	28.3	1480	118.6	160	Y315L1-4	78	2170+380N
	1500	416.7	25		122.4			83.5	
	1700	472.2	22		129.0			79	
400CPLC-25F1	1200	333.3	32	1480	134.2	185	Y315L2-4	78	2170+380N
	1500	416.7	28.5		140.4			83	
	1700	472.2	25		152.4			76	
400CPLC-39	1050	291.7	44.3	1480	162.5	250	Y355M2-4	78	2280+380N
	1320	366.7	39		169.0			83	
	1500	416.7	34.3		182.1			77	
400CPLC-39A	1000	277.8	39.6	1480	140.1	200	Y315L2-4	77	2280+380N
	1250	347.2	35		145.4			82	
	1430	397.2	30.7		157.4			76	
400CPLC-39B	955	265.3	36.6	1480	125.3	160	Y315L1-4	76	2280+380N
	1200	333.3	32.2		130.0			81	
	1364	378.9	28.4		140.7			75	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
400CPLC-39F	1200	333.3	44.3	1480	185.7	250	Y355M2-4	78	2280+380N
	1500	416.7	39		192.1			83	
	1700	472.2	34.3		206.3			77	
400CPLC2-50	1050	291.7	56.6	1480	210.3	280	Y355L1-4	77	2520+380N
	1320	366.7	50		216.7			83	
	1500	416.7	44		230.6			78	
400CPLC2-50A	1000	277.8	50.7	1480	180.6	250	Y355M2-4	76.5	2520+380N
	1250	347.2	44.8		186.1			82	
	1430	397.2	39.8		201.4			77	
400CPLC2-50F	1200	333.3	56.6	1480	240.4	315	Y355L2-4	77	2520+380N
	1500	416.7	50		246.2			83	
	1700	472.2	44		261.3			78	
400CPLC-62	1050	291.7	71.2	1480	251.5	355	YLS355-4	81	2650+400N
	1320	366.7	62		272.0			82	
	1500	416.7	55		292.0			77	
400CPLC-62A	1000	277.8	63.7	1480	217.0	315	Y355L2-4	80	2650+400N
	1250	347.2	55.6		232.4			81.5	
	1430	397.2	51.0		261.5			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
						Power P	Model NO		
	m ³ /h	l/s	m	r/min	kW	kW		%	kg
400CPLC-62B	955	265.3	58.8		192.5			79.5	
	1200	333.3	51.2	1480	206.7	280	Y355L1-4	81	2650+400N
	1364	378.9	45.4		225.0			75	
400CPLC-62F	1200	333.3	71.2		287.4			81	
	1500	416.7	62	1480	309.1	400	YLS400-4	82	2650+400N
	1700	472.2	55		330.9			77	
400CPLC2-78	1050	291.7	88.6		329.2			77	
	1320	366.7	78	1480	340.1	450	YLS400-4	82.5	2750+400N
	1500	416.7	68.6		369.0			76	
400CPLC2-78A	1000	277.8	79.4		282.8			76.5	
	1250	347.2	70	1480	290.8	400	YLS400-4	82	2750+400N
	1430	397.2	61.4		319.0			75	
400CPLC2-78F	1200	333.3	88.6		376.3			77	
	1500	416.7	78	1480	386.5	450	YLS400-4	82.5	2750+400N
	1700	472.2	68.6		418.1			76	
400CPLC2-124	1050	291.7	137		490.0			80	
	1320	366.7	124	1480	547.3	710	YLS450-4	81.5	3200+500N
	1500	416.7	113.2		608.8			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
400CPLC2-124A	955	265.3	117.7	1480	385.3	500	YLS400-4	79.5	3200+500N
	1200	333.3	102.5		413.8			81	
	1364	378.9	90.9		450.5			75	
400CPLC2-124F	1200	333.3	137	1480	559.9	800	YLS450-4	80	3200+500N
	1500	416.7	124		621.9			81.5	
	1700	472.2	113.2		690.0			76	
400CPLC3-186	1050	291.7	205.8	1480	736.1	1000	YLS450-4	80	3800+550N
	1320	366.7	186		820.9			81.5	
	1500	416.7	170.1		914.8			76	
400CPLC3-186A	955	265.3	176.5	1480	577.8	710	YLS450-4	79.5	3800+550N
	1200	333.3	153.7		620.5			81	
	1364	378.9	136.4		676.0			75	
400CPLC3-186F	1200	333.3	205.8	1480	841.2	1120	YLS500-4	80	3800+550N
	1500	416.7	186		932.9			81.5	
	1700	472.2	170.1		1037			76	
400CPLC4-248	1050	291.7	274.4	1480	981.4	1400	YLS500-4	80	4400+600N
	1320	366.7	248		1094.5			81.5	
	1500	416.7	226.8		1219.8			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
400CPLC4-248A	955	265.3	235.4	1480	770.6	1000	YLS450-4	79.5	4400+600N
	1200	333.3	205		827.6			81	
	1364	378.9	181.8		901.0			75	
400CPLC4-248F	1200	333.3	274.4	1480	1122	1600	YLS560-4	80	4400+600N
	1500	416.7	248		1244			81.5	
	1700	472.2	226.8		1382			76	
450CPLC-18	1600	444.4	22.5	980	119.6	132	Y315L2-6	83	2540+450N
	1800	500	18		105.1			84	
	2000	555.6	13		93.2			76	
450CPLC-18A	1425	395.8	16.4	980	77.7	110	Y315L1-6	82	2540+450N
	1653	459.2	15.2		82.5			83	
	1824	506.7	12.7		84.2			75	
450CPLC-28	1600	444.4	30	980	161.5	220	Y355L1-6	81	2650+500N
	1800	500	28		163.5			84	
	2000	555.6	24		167.7			78	
450CPLC-28A	1425	395.8	25.3	980	122.8	200	Y355M3-6	80	2650+500N
	1653	459.2	23.6		128.1			83	
	1824	506.7	20.3		131			77	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P	Model NO	%	kg
						kW			
450CPLC-28B	1350	375	24.1	980	112.2	160	Y355M1-6	79	2650+500N
	1566	435	22		114.5			82	
	1728	480	20.3		125.8			76	
450CPLC-44	1600	444.4	47.2	980	255.6	315	YLS400-6	80.5	2800+500N
	1800	500	44		261.6			82.5	
	2000	555.6	38		268.9			77	
450CPLC-44A	1425	395.8	42.9	980	209.5	280	YLS355-6	79.5	2800+500N
	1653	459.2	38.9		215.0			81.5	
	1824	506.7	35.4		231.5			76	
450CPLC-44B	1350	375	38.5	980	181.6	250	Y355L2-6	78	2800+500N
	1566	435	34.9		183.9			81	
	1728	480	31.8		199.7			75	
450CPLC2-56	1600	444.4	60	980	322.9	400	YLS400-6	81	3100+500N
	1800	500	56		327			84	
	2000	555.6	48.8		340.9			78	
450CPLC2-56A	1425	395.8	53.8	980	264.4	355	YLS400-6	79	3100+500N
	1653	459.2	49.1		268.1			82.5	
	1824	506.7	45.1		295.0			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
						Power P	Model NO		
	m ³ /h	l/s	m	r/min	kW	kW		%	kg
450CPLC2-88	1600	444.4	94.5		518.2			79.5	
	1800	500	88	980	526.4	630	YLS450-6	82	3500+500N
	2000	555.6	76.2		546.4			76	
450CPLC2-88A	1425	395.8	85.7		421.2			79	
	1653	459.2	77.8	980	432.6	560	YLS450-6	81	3500+500N
	1824	506.7	70.8		469.2			75	
450CPLC2-88B	1350	375	76.9		362.7			78	
	1566	435	69.8	980	372.3	450	YLS400-6	80	3500+500N
	1728	480	63.5		404.1			74	
450CPLC3-132	1600	444.4	142.2		779.8			79.5	
	1800	500	132	980	789.6	900	YLS500-6	82	4300+600N
	2000	555.6	113.1		811			76	
450CPLC3-132A	1425	395.8	128.6		632.1			79	
	1653	459.2	116.7	980	649.0	800	YLS450-6	81	4300+600N
	1824	506.7	106.1		703.1			75	
450CPLC3-132B	1350	375	115.4		544.3			78	
	1566	435	104.7	980	558.5	710	YLS450-6	80	4300+600N
	1728	480	95.3		606.4			74	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P	Modle NO	%	kg
						kW			
450CPLC4-176	1600	444.4	188.5	980	1034	1250	YLS560-6	79.5	5100+750N
	1800	500	176		1053			82	
	2000	555.6	148.8		1067			76	
450CPLC4-176A	1425	395.8	171.5	980	843.0	1000	YLS500-6	79	5100+750N
	1653	459.2	155.6		865.3			81	
	1824	506.7	141.5		937.7			75	
450CPLC4-176B	1350	375	153.9	980	725.8	900	YLS500-6	78	5100+750N
	1566	435	139.6		744.7			80	
	1728	480	127		808.1			74	
450CPLC5-220	1600	444.4	237.4	980	1302	1600	YLS560-6	79.5	5900+850N
	1800	500	220		1316			82	
	2000	555.6	187.5		1344			76	
450CPLC5-220A	1425	395.8	214.3	980	1053.4	1250	YLS560-6	79	5900+850N
	1653	459.2	194.5		1081.6			81	
	1824	506.7	176.9		1172.4			75	
450CPLC5-220B	1350	375	192.4	980	907.4	1120	YLS500-6	78	5900+850N
	1566	435	174.6		931.3			80	
	1728	480	158.8		1010.5			74	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P	Modle NO	%	kg
						kW			
500CPLC-20	2000	555.6	20.8	980	137.4	200	Y355M3-6	82.5	3600+900N
	2160	600	20		139.3			84.5	
	2400	666.7	17.8		147.4			79	
500CPLC-20A	1824	506.7	19	980	119.5	160	Y355M1-6	79	3600+900N
	2052	570	18.1		120.5			84	
	2280	633.3	16.1		128.2			78	
500CPLC-20F	2160	600	21	980	154.5	200	Y355M3-6	80	3600+900N
	2400	666.7	20		154.8			84.5	
	2600	722.2	17.8		159.6			79	
500CPLC-23	2160	600	24.4	980	177.3	220	Y355L1-6	81	3600+900N
	2400	666.7	23		180.1			83.5	
	2600	738.9	21.8		193.1			80	
500CPLC-31	2000	555.6	32.7	980	217.3	280	YLS355-6	82	4000+900N
	2160	600	31.5		220.0			84	
	2400	666.7	28.5		235.9			79	
500CPLC-31A	1824	506.7	30	980	186.4	250	Y355L2-6	80	4000+900N
	2052	570	28.3		190.7			83	
	2280	633.3	25.7		204.7			78	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
500CPLC-31B	1728	480	27		158.9			80	
	1944	540	25.4	980	163.1	220	Y355L1-6	82.5	4000+900N
	2160	600	23.1		176.6			77	
500CPLC-31F	2160	600	33		239.8			81	
	2400	666.7	31.5	980	245.3	315	YLS400-6	84	4000+900N
	2600	722.2	28.5		255.6			79	
500CPLC-50	2000	555.6	52.8		351			82	
	2160	600	50	980	354.6	450	YLS400-6	83	4300+900N
	2400	666.7	45.6		387.3			77	
500CPLC-50A	1824	506.7	48.7		298.8			81	
	2052	570	45.1	980	307.5	400	YLS400-6	82	4300+900N
	2280	633.3	41.2		336.8			76	
500CPLC-50B	1728	480	43.7		257.2			80	
	1944	540	40.5	980	264.9	355	YLS400-6	81	4300+900N
	2160	600	36.9		289.6			75	
500CPLC-50F	2160	600	54		387.6			82	
	2400	666.7	50	980	394	500	YLS400-6	83	4300+900N
	2600	722.2	45.6		419.6			77	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
500CPLC2-63	2000	555.6	64.9	980	436.7	560	YLS450-6	82	4600+900N
	2160	600	63		441.5			84	
	2400	666.7	57		477.9			78	
500CPLC2-63A	1824	506.7	60	980	377.5	500	YLS400-6	79	4600+900N
	2052	570	56.7		384.3			82.5	
	2280	633.3	51.4		414.7			77	
500CPLC2-63F	2160	600	66	980	485.6	560	YLS450-6	80	4600+900N
	2400	666.7	63		493.4			83.5	
	2600	722.2	57		517.7			78	
500CPLC2-100	2000	555.6	104.9	980	705.8	900	YLS500-6	81	5200+1000 N
	2160	600	100		713.5			82.5	
	2400	666.7	91.2		784.8			76	
500CPLC2-100 A	1824	506.7	97.5	980	605.8	800	YLS450-6	80	5200+1000 N
	2052	570	90.3		619.5			81.5	
	2280	633.3	82.3		681.8			75	
500CPLC2-100 B	1728	480	87.5	980	521.5	630	YLS450-6	79	5200+1000 N
	1944	540	81		529.7			81	
	2160	600	73.9		583.9			74.5	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
500CPLC2-100 F	2160	600	108	980	784.8	900	YLS500-6	81	5200+1000N
	2400	666.7	100		792.7			82.5	
	2600	722.2	91.2		850.2			76	
500CPLC3-150	2000	555.6	158.2	980	1065	1250	YLS560-6	81	6200+1000N
	2160	600	150		1070.2			82.5	
	2400	666.7	136.8		1177.2			76	
500CPLC3-150 A	1824	506.7	146.2	980	908.3	1120	YLS500-6	80	6200+1000N
	2052	570	135.4		929.0			81.5	
	2280	633.3	123.5		1023.1			75	
500CPLC3-150 B	1728	480	131.2	980	782.0	1000	YLS500-6	79	6200+1000N
	1944	540	121.5		794.6			81	
	2160	600	110.8		875.4			74.5	
500CPLC3-150 F	2160	600	162	980	1177.2	1400	YLS560-6	81	6200+1000N
	2400	666.7	150		1189.2			82.5	
	2600	722.2	136.8		1275.3			76	
500CPLC4-200	2000	555.6	210.5	980	1416.4	1800	YLS630-6	81	7400+1200N
	2160	600	200		1426.9			82.5	
	2400	666.7	182.4		1569.6			76	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
500CPLC4-200 A	1824	506.7	194.9	980	1210.9	1600	YLS560-6	80	7400+1200N
	2052	570	180.5		1238.4			81.5	
	2280	633.3	164.6		1363.5			75	
500CPLC4-200 B	1728	480	175	980	1043.1	1250	YLS560-6	79	7400+1200N
	1944	540	162		1059.5			81	
	2160	600	147.7		1166.9			74.5	
500CPLC4-200 F	2160	600	216	980	1569.6	1800	YLS630-6	81	7400+1200N
	2400	666.7	200		1585.5			82.5	
	2600	722.2	182.4		1700.3			76	
600CPLC-25	2600	722.2	27.5	980	234.7	315	YLS400-6	83	4800+1060N
	3000	833.3	25		238.8			85.6	
	3420	950	21.6		245.5			82	
600CPLC-25A	2280	633.3	26.8	980	205.6	280	YLS355-6	81	4800+1060N
	2850	791.7	22.6		206.5			85	
	3249	902.5	19.5		213.1			81	
600CPLC-25F	2800	777.8	28.8	980	273.4	355	YLS400-6	81.5	4800+1060N
	3500	972.2	25		278.5			85.6	
	3800	1055.6	23.1		291.7			82	
600CPLC-39	2600	666.7	43.9	980	354.5	450	YLS400-6	81	5340+1060N
	3000	833.3	39		375.1			85	
	3420	950	34.3		389.8			82	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
600CPLC-39A	2280	633.3	39.6	980	303.7	400	YLS400-6	81	5340+1060 N
	2850	791.7	35.2		325.4			84	
	3249	902.5	31		338.8			81	
600CPLC-39B	2160	600	35.6	980	261.9	355	YLS400-6	80	5340+1060 N
	2700	750	31.6		278.4			83.5	
	3078	855	27.8		287.9			81	
600CPLC-39F	2800	777.8	43.9	980	413.5	500	YLS400-6	81	5340+1060 N
	3500	972.2	39		437.6			85	
	3800	1055.6	34.5		441.0			81	
600CPLC-62	2600	722.2	69	980	582.0	710	YLS450-6	84	5440+1060 N
	3000	833.3	62		599.8			84.5	
	3420	950	54		621.3			81	
600CPLC-62A	2280	633.3	64.1	980	479.8	630	YLS450-6	83	5440+1060 N
	2850	791.7	56		517.8			84	
	3249	902.5	48.7		535.6			80.5	
600CPLC-62B	2160	600	57.5	980	412.7	560	YLS450-6	82	5440+1060 N
	2700	750	50.2		442.3			83.5	
	3078	855	43.7		458.2			80	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H m	Speed n r/min	Shaft Power Pa kW	Motor		Eff. η %	Pump Weight kg
	m³/h	l/s				Power P kW	Model NO		
600CPLC-62F	2800	777.8	71	980	644.9	800	YLS450-6	84	5440+1060 N
	3500	972.2	62		699.8			84.5	
	3800	1055.6	55		703.1			81	
600CPLC2-78	2600	722.2	84.8	980	751.0	900	YLS500-6	80	6400+1100 N
	3000	833.3	78		754.6			84.5	
	3420	950	68.6		789.3			81	
600CPLC2-78A	2280	633.3	79.2	980	615.1	800	YLS450-6	80	6400+1100 N
	2850	791.7	70.4		650.9			84	
	3249	902.5	61.9		685.0			80	
600CPLC2-78F	2800	777.8	87.8	980	797.5	1000	YLS500-6	80	6400+1100 N
	3500	972.2	78		880.4			84.5	
	3800	1055.6	69.1		883.3			81	
600CPLC2-124	2600	722.2	138.5	980	1182.2	1400	YLS560-6	83	7000+1200 N
	3000	833.3	124		1214.0			83.5	
	3420	950	108		1250.3			80.5	
600CPLC2-124 A	2280	633.3	128.2	980	971.3	1250	YLS560-6	82	7000+1200 N
	2850	791.7	111.9		1047.0			83	
	3249	902.5	97.5		1079.0			80	
600CPLC2-124 B	2160	600	115	980	835.7	1000	YLS500-6	81	7000+1200 N
	2700	750	100.4		895.4			82.5	
	3078	855	87.5		929.0			79	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
600CPLC2-124 F	2800	777.8	142	980	1305.2	1600	YLS560-6	83	7000+1200 N
	3500	972.2	124		1416.3			83.5	
	3800	1055.6	115		1479.2			80.5	
600CPLC3-186	2600	722.2	207	980	1767.0	2240	YLS630-6	83	9000+1400 N
	3000	833.3	186		1821.0			83.5	
	3420	950	162		1875.5			80.5	
600CPLC3-186 A	2280	633.3	192.2	980	1456.3	1800	YLS630-6	82	9000+1400 N
	2850	791.7	167.9		1571.0			83	
	3249	902.5	146.2		1618.0			80	
600CPLC3-186 B	2160	600	172.5	980	1253.5	1600	YLS560-6	81	9000+1400 N
	2700	750	150.7		1344.0			82.5	
	3078	855	131.2		1393.0			79	
600CPLC3-186 F	2800	777.8	215	980	1976.2	2500	YLS630-6	83	9000+1400 N
	3500	972.2	186		2124.5			83.5	
	3800	1055.6	169		2173.8			80.5	
700CPLC-20	3800	1055.6	21.7	740	270.7	315	YLS400-8	83	5230+1200 N
	4200	1166.7	20.3		271.7			85.5	
	4600	1277.8	18.5		276.1			84	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
700CPLC-20A	3249	902.5	20.2	740	218.1	280	YLS400-8	82	5230+1200 N
	3705	1029.2	18.3		220.0			84	
	4161	1155.8	16.2		226.8			81	
700CPLC-32	3800	1055.5	33.7	740	425.5	500	YLS450-8	82	5440+1200 N
	4200	1166.6	32		430.9			85	
	4600	1277.8	28		433.3			81	
700CPLC-32A	3249	902.5	30.4	740	336.4	400	YLS450-8	80	5440+1200 N
	3705	1029.2	28.9		347.4			84	
	4161	1155.8	24.9		348.6			81	
700CPLC-32B	3078	855	27.3	740	289.8	355	YLS400-8	79	5440+1200 N
	3510	975	25.9		298.5			83	
	3942	1095	22.4		300.8			80	
700CPLC-50	3800	1055.5	54.6	740	681.1	800	YLS500-8	83	5800+1200 N
	4200	1166.6	50.3		685.3			84	
	4600	1277.8	44.8		693.3			81	
700CPLC-50A	3249	902.5	49.3	740	532.3	710	YLS500-8	82	5800+1200 N
	3705	1029.2	45.4		552.2			83	
	4161	1155.8	40.4		572.6			80	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
700CPLC-50B	3078	855	44.2	740	463.4	560	YLS450-8	80	5800+1200 N
	3510	975	40.7		474.7			82	
	3942	1095	36.3		493.6			79	
700CPLC2-64	3800	1055.5	67.4	740	872.4	1000	YLS560-8	80	7000+1200 N
	4200	1166.6	64		882.5			83	
	4600	1277.8	56.8		884.5			80.5	
700CPLC2-64A	3249	902.5	60.8	740	681.4	800	YLS500-8	79	7000+1200 N
	3705	1029.2	57.8		703.1			83	
	4161	1155.8	49.8		705.8			80	
700CPLC2-100	3800	1055.5	109.2	740	1378.9	1600	YLS630-8	82	8400+1400 N
	4200	1166.6	100.6		1387.1			83	
	4600	1277.8	89.6		1403.9			80	
700CPLC2-100 A	3249	902.5	98.6	740	1077.7	1250	YLS630-8	81	8400+1400 N
	3705	1029.2	90.8		1111.2			82.5	
	4161	1155.8	80.9		1161.1			79	
700CPLC2-100 B	3078	855	88.5	740	927.9	1120	YLS560-8	80	8400+1400 N
	3510	975	81.5		950.6			82	
	3942	1095	72.6		999.8			78	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
700CPLC3-150	3800	1055.5	160.8	740	2030.5	2500	YL2500-8	82	11000+1600 N
	4200	1166.6	150.9		2068.2			83.5	
	4600	1277.8	134.4		2105.9			80	
700CPLC3-150 A	3249	902.5	147.8	740	1615.5	2000	YL2000-8	81	11000+1600 N
	3705	1029.2	136.2		1666.8			82.5	
	4161	1155.8	121.3		1741.0			79	
700CPLC3-150 B	3078	855	132.7	740	1391.3	1600	YLS630-8	80	11000+1600 N
	3510	975	122.2		1425.4			82	
	3942	1095	108.9		1499.7			78	
800CPLC-24	4600	1277.8	26.4	740	394	500	YLS450-8	84	6120+1380 N
	5100	1416.7	24.3		397.3			85	
	5600	1555.6	22		414.5			81	
800CPLC-24A	4161	1155.8	24.7	740	337.4	450	YLS450-8	83	6120+1380 N
	4845	1345.8	21.9		342.2			84.5	
	5320	1477.8	19.9		360.6			80	
800CPLC-38	4600	1277.8	41.2	740	618.5	710	YLS500-8	83.5	6340+1380 N
	5100	1416.7	38		621.3			85	
	5600	1555.6	34.9		649.5			82	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
800CPLC-38A	4161	1155.8	37.5	740	515.4	630	YLS500-8	82.5	6340+1380 N
	4845	1345.8	34.3		535.9			84.5	
	5320	1477.8	31.5		563.8			81	
800CPLC-38B	3942	1095	33.6	740	445.6	560	YLS450-8	81	6340+1380 N
	4590	1275	30.8		461.4			83.5	
	5040	1400	28.3		485.8			80	
800CPLC-60	4600	1277.8	65.5	740	989.2	1120	YLS560-8	83	6700+1400 N
	5100	1416.7	60.2		996.0			84	
	5600	1555.6	55		1023.6			82	
800CPLC-60A	4161	1155.8	58.5	740	808.9	1000	YLS560-8	82	6700+1400 N
	4845	1345.8	54.3		863.7			83	
	5320	1477.8	51.2		916.4			81	
800CPLC-60B	3942	1095	55.5	740	736.0	900	YLS560-8	81	6700+1400 N
	4590	1275	48.8		744.4			82	
	5040	1400	44.6		765.7			80	
800CPLC2-76	4600	1277.8	82	740	1238.4	1400	YLS630-8	83	9000+1400 N
	5100	1416.7	76		1242.6			85	
	5600	1555.6	69.8		1315			81	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
						Power P	Model NO		
	m³/h	l/s	m	r/min	kW	kW		%	kg
800CPLC2-76A	4161	1155.8	74.9	740	1035.7	1250	YLS630-8	82	9000+1400 N
	4845	1345.8	68.6		1078.2			84	
	5320	1477.8	63.0		1141.6			80	
800CPLC2-120	4600	1277.8	129.6	740	1981.1	2500	YL2500-8	82	10000+1800 N
	5100	1416.7	120.4		2003.9			83.5	
	5600	1555.6	113.4		2136.4			81	
800CPLC2-120 A	4161	1155.8	123.6	740	1719.6	2000	YL2000-8	81.5	10000+1800 N
	4845	1345.8	108.7		1739.5			82.5	
	5320	1477.8	99.3		1799.4			80	
800CPLC2-120 B	3942	1095	111	740	1472.0	1800	YLS630-8	81	10000+1800 N
	4590	1275	97.5		1496.3			81.5	
	5040	1400	89.1		1549.0			79	
800CPLC3-180	4600	1277.8	196.5	740	2985.6	3550	YL3550-8	82	13800+2000 N
	5100	1416.7	180.6		3005.8			83.5	
	5600	1555.6	165		3108.5			81	
800CPLC3-180 A	4161	1155.8	185.5	740	2580.8	3150	YL3150-8	81.5	13800+2000 N
	4845	1345.8	163		2608.5			82.5	
	5320	1477.8	148.9		2698.3			80	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
800CPLC3-180 B	3942 4590 5040	1095 1275 1400	166.5 146.3 133.7	740	2208.1 2245.3 2324.3	2500	YL2500-8	81 81.5 79	13800+2000 N
900CPLC-21	5600 6300 7000	1555.6 1750 1944.4	22.8 21 18.8	590	411.8 419.2 437.3	500	YLS500-10	84.5 86 82	7120+1630 N
900CPLC-21A	5320 5985 6650	1477.8 1662.5 1847.2	20.2 18.9 17.0	590	352.8 362.6 380.3	450	YLS450-10	83 85 81	7120+1630 N
900CPLC-21F	6200 7000 7600	1722.2 1944.4 2111.1	23.1 21 18.8	590	464.6 465.8 474.8	560	YLS500-10	84 86 82	7120+1630 N
900CPLC-33	5600 6300 7000	1555.6 1750 1944.4	35.5 33 30.1	590	644.9 658.8 700.2	800	YLS560-10	84 86 82	7410+1630 N
900CPLC-33A	5320 5985 6650	1477.8 1662.5 1847.2	32 29.8 27.2	590	558.9 571.8 608.5	710	YLS500-10	83 85 81	7410+1630 N



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
900CPLC-33B	5040	1400	28.8	590	482.4	630	YLS500-10	82	7410+1630 N
	5670	1575	26.7		491.1			84	
	6300	1750	24.4		523.6			80	
900CPLC-33F	6200	1722.2	35.5	590	714	900	YLS560-10	84	7410+1630 N
	7000	1944.4	33		731.9			86	
	7600	2111.1	30.1		760.2			82	
900CPLC-52	5600	1555.6	56	590	1023.4	1250	YLS630-10	83.5	7820+1630 N
	6300	1750	52		1056.5			84.5	
	7000	1944.4	48.5		1142.1			81	
900CPLC-52A	5320	1477.8	50.5	590	888.1	1120	YLS630-10	82.5	7820+1630 N
	5985	1662.5	46.9		916.6			83.5	
	6650	1847.2	43.8		991.5			80	
900CPLC-52B	5040	1400	45.4	590	769.1	1000	YLS560-10	81	7820+1630 N
	5670	1575	42.1		793.6			82	
	6300	1750	39.3		864.7			78	
900CPLC-52F	6200	1722.2	56	590	1133.1	1400	YLS630-10	83.5	7820+1630 N
	7000	1944.4	52		1173.8			84.5	
	7600	2111.1	48.8		1247.7			81	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
900CPLC2-66	5600 6300 7000	1555.6 1750 1944.4	71 66 60.2	590	1305.4 1333.0 1417.7	1600	YL1600-10	83 85 81	11500+1800 N
900CPLC2-66A	5320 5985 6650	1477.8 1662.5 1847.2	64.1 59.6 54.3	590	1133.2 1157.2 1230.0	1400	YLS630-10	82 84 80	11500+1800 N
900CPLC2-66F	6200 7000 7600	1722.2 1944.4 2111.1	71 66 60.2	590	1445.2 1481.1 1539.2	1800	YL1800-10	83 85 81	11500+1800 N
900CPLC2-104	5600 6300 7000	1555.6 1750 1944.4	112 104 97	590	2046.9 2112.9 2284.3	2500	YL2500-10	83.5 84.5 81	13000+2000 N
900CPLC2-104 A	5320 5985 6650	1477.8 1662.5 1847.2	101.1 93.9 87.5	590	1776.2 1833.3 1983.0	2240	YL2240-10	82.5 83.5 80	13000+2000 N
900CPLC2-104 B	5040 5670 6300	1400 1575 1750	90.7 84.2 78.6	590	1538.2 1587.3 1729.3	2000	YL2000-10	81 82 78	13000+2000 N



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
900CPLC2-104 F	6200	1722.2	112	590	2266.2	2800	YL2800-10	83.5	13000+2000 N
	7000	1944.4	104		2347.7			84.5	
	7600	2111.1	97.6		2495.4			81	
900CPLC3-156	5600	1555.6	168	590	3070.3	4000	YL4000-10	83.5	19000+2300 N
	6300	1750	156		3169.4			84.5	
	7000	1944.4	145.5		3426.4			81	
900CPLC3-156 A	5320	1477.8	151.6	590	2664.3	3550	YL3550-10	82.5	19000+2300 N
	5985	1662.5	140.8		2749.9			83.5	
	6650	1847.2	131.3		2974.5			80	
900CPLC3-156 B	5040	1400	136.1	590	2307.3	2800	YL2800-10	81	19000+2300 N
	5670	1575	126.4		2380.9			82	
	6300	1750	117.9		2593.9			78	
900CPLC3-156 F	6200	1722.2	168	590	3399.2	4500	YL4500-10	83.5	19000+2300 N
	7000	1944.4	156		3521.5			84.5	
	7600	2111.1	146.4		3743.1			81	
1000CPLC-25	7600	2111.1	27.0	590	661.7	800	YLS560-10	84.5	8240+1950 N
	8400	2333.3	25.2		666.9			86.5	
	9400	2611.1	22.4		699.7			82	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
1000CPLC-25A	6650	1847.2	25.8	590	563.3	710	YLS500-10	83	8240+1950 N
	7980	2216.7	22.7		580.7			85	
	8930	2480.6	20.2		606.9			81	
1000CPLC-39	7600	2111.1	41.8	590	1043	1250	YLS630-10	83	8510+1950 N
	8400	2333.3	39.4		1048.7			86	
	9400	2611.1	35.1		1083.2			83	
1000CPLC-39A	6650	1847.2	39.4	590	881.5	1120	YLS630-10	81	8510+1950 N
	7980	2216.7	35.6		910.8			85	
	8930	2480.6	31.7		940.7			82	
1000CPLC-39B	6300	1750	35.4	590	759.7	900	YLS560-10	80	8510+1950 N
	7560	2100	31.9		782.3			84	
	8460	2350	28.4		808.3			81	
1000CPLC-63	7600	2111.1	68.5	590	1688.8	2000	YL2000-10	84	9000+1950 N
	8400	2333.3	63		1696.6			85	
	9400	2611.1	57		1780.6			82	
1000CPLC-63A	6650	1847.2	63.6	590	1388.6	2000	YL2000-10	83	9000+1950 N
	7980	2216.7	56.9		1473.0			84	
	8930	2480.6	51.4		1544.2			81	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m³/h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
1000CPLC-63B	6300	1750	57.1	590	1195.4	1600	YL1600-10	82	9000+1950 N
	7560	2100	51		1265.8			83	
	8460	2350	46.2		1331.3			80	
1000CPLC2-78	7600	2111.1	84.0	590	2108.6	2500	YL2500-10	82.5	13500+1950 N
	8400	2333.3	78.8		2122.0			85	
	9400	2611.1	70.2		2192.9			82	
1000CPLC2-78 A	6650	1847.2	78.9	590	1787.2	2240	YL2240-10	80	13500+1950 N
	7980	2216.7	71.2		1843.2			84	
	8930	2480.6	63.4		1904.7			81	
1000CPLC2-12 6	7600	2111.1	135	590	3368.5	4000	YL4000-10	83	15600+2500 N
	8400	2333.3	126		3413.2			84.5	
	9400	2611.1	114		3605.1			81	
1000CPLC2-12 6A	6650	1847.2	127.3	590	2813.2	3550	YL3550-10	82	15600+2500 N
	7980	2216.7	113.7		2961.0			83.5	
	8930	2480.1	102.9		3169.6			79	
1000CPLC3-18 9	7600	2111.1	204.2	590	5095.1	6300	YL6300-10	83	23000+2800 N
	8400	2333.3	189		5119.8			84.5	
	9400	2611.1	171		5407.6			81	



DEEP WELL BOREHOLE PUMPS

MODELS AND SPECIFICATIONS

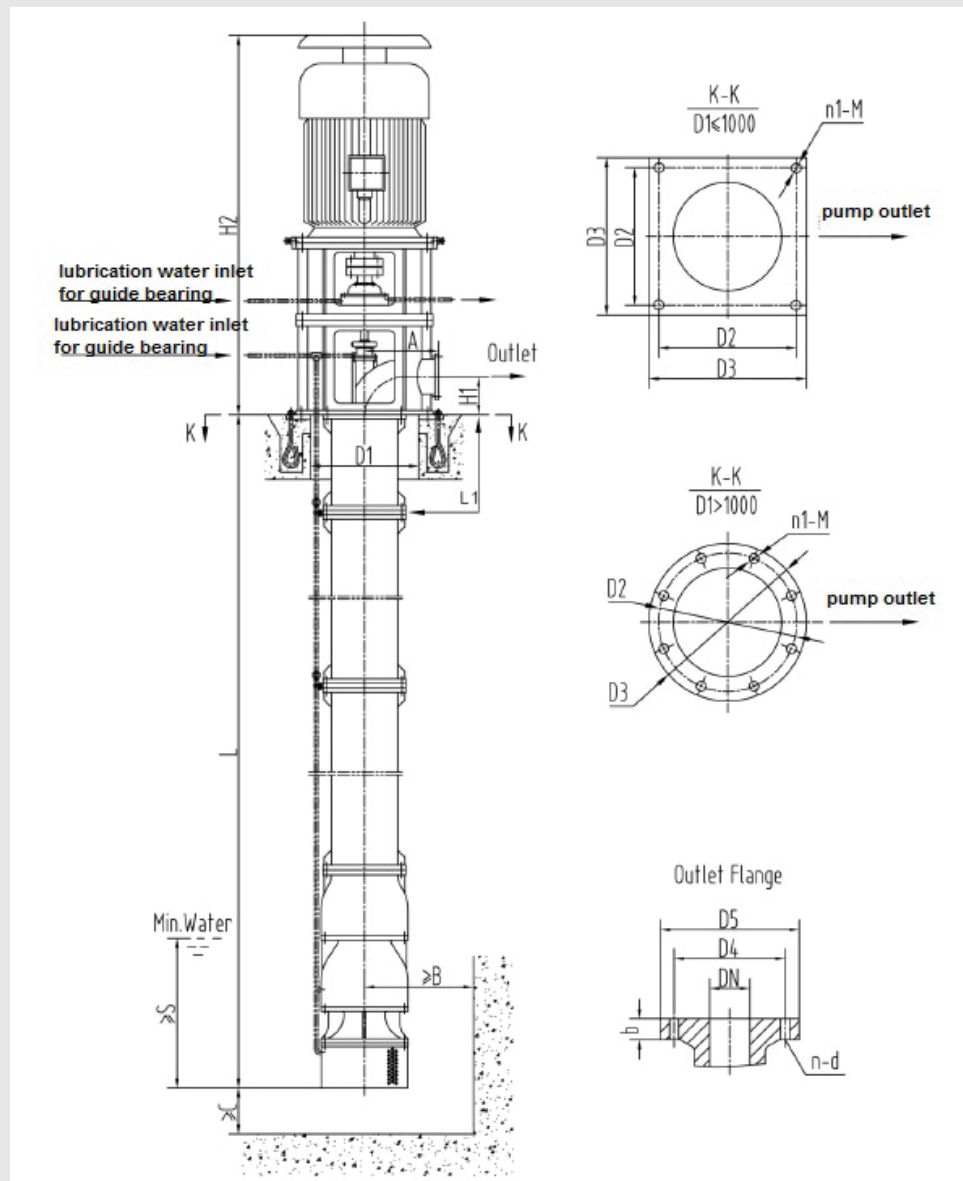
Parameter Model NO	Flow Q		Head H	Speed n	Shaft Power Pa	Motor		Eff. η	Pump Weight
	m ³ /h	l/s	m	r/min	kW	Power P kW	Model NO	%	kg
1000CPLC3-18 9A	6650	1847.2	190.9	590	4218.7	5600	YL5600-10	82	23000+2800 N
	7980	2216.7	170.6		4442.9			83.5	
	8930	2480.6	154.3		4752.9			79	
1000CPLC3-18 9B	6300	1750	171.3	590	3630.6	4500	YL4500-10	81	23000+2800 N
	7560	2100	153.1		3856.4			82	
	8460	2350	138.5		4093.5			78	

Remark: N is the number of water column.



DEEP WELL BOREHOLE PUMPS

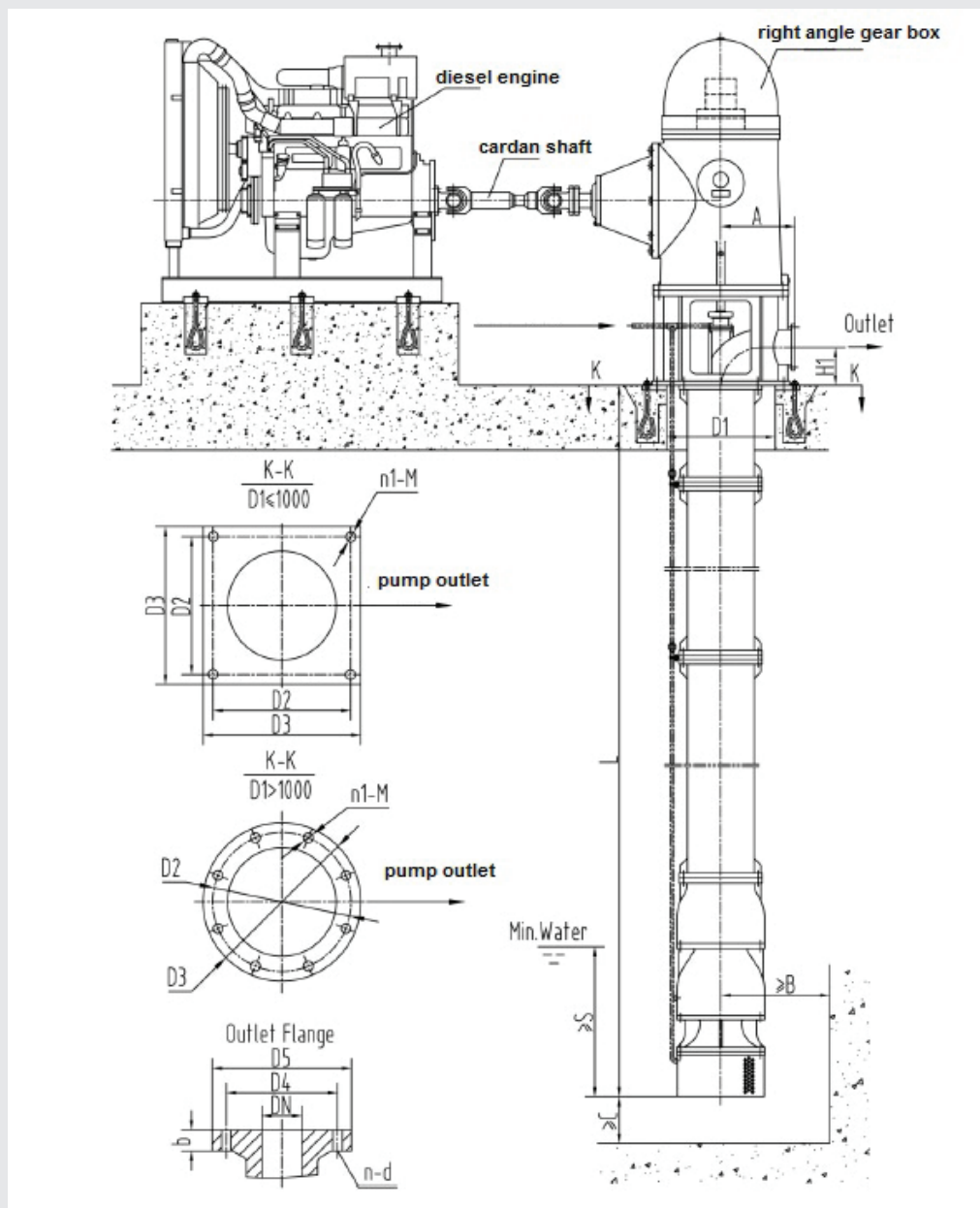
INSTALLATION DRAWING





DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING





DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MODEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S
200CPLC-19E	400	250	200	φ500	600	660	4-M20X400	215	1680	620+L1+1400N	2 ~ 1200	750
200CPLC-19									1800			
200CPLC-19A									1720			
200CPLC-19F									1850			
200CPLC-19FA									1800			
200CPLC-25E									1760			
200CPLC-25									1830			
200CPLC-25F									1870			
200CPLC2-38E									2080	950+L1+1400N		
200CPLC2-38									2150			
200CPLC2-38F									2200			
200CPLC2-50E									2110			
200CPLC2-50									2200			
200CPLC2-50F									2280			
200CPLC3-75E	2230	1280+L1+1400N										
200CPLC3-75	2470											
200CPLC3-75F	2570											
200CPLC4-100E	2280	1610+L1+1400N										
200CPLC4-100	2570											
200CPLC4-100F	2570											
200CPLC5-125E	2470	1940+L1+1400N										
200CPLC5-125	2570											
200CPLC5-125F	2570											
200CPLC6-150E	420	250	200	φ500	650	720	4-M20X400	215	2570	2270+L1+1400N	2 ~ 1200	900
200CPLC6-150									2570			
200CPLC6-150F									2730			
250CPLC-10	420	300	250	φ550	650	720	4-M24X500	265	1890	980+L1+1400N	2 ~ 1200	900
250CPLC-14									2030			
250CPLC-20									2060			
250CPLC-32									2240	760+L1+1400N		
250CPLC-32A									2150			
250CPLC2-40									2290			
250CPLC2-64									2610	1400+L1+1400N		
250CPLC2-64A									2510			
250CPLC3-96									2780	1500+L1+1400N		
250CPLC3-96A									2650			
250CPLC4-128									2780	1870+L1+1400N		
250CPLC4-128A									2650			
250CPLC5-160									520	3250		



DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MODEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S									
300CPLC-10	500	350	250	φ650	750	820	4-M24X500	315	2110	950+L1+1400N	2 ~ 1200	1050									
300CPLC-14									2170												
300CPLC-19									2280												
300CPLC-19A									2170												
300CPLC-25									2380												
300CPLC-25A					2250	1000+L1+1400N															
300CPLC-33					2620				950+L1+1400N												
300CPLC-42					2780	980+L1+1400N															
300CPLC-42A					2560																
300CPLC2-50					2700	1440+L1+1400N															
300CPLC2-66	600				900	970		2740	1350+L1+1400N	2 ~ 1200											
300CPLC2-84								2890	1420+L1+1400N												
300CPLC3-99								2980	1750+L1+1400N												
300CPLC3-126								3360	1860+L1+1400N												
300CPLC4-168								3440	2300+L1+1400N												
300CPLC5-210									3520			2740+L1+1400N									
350CPLC-10	450			φ600	700	770			2260	1150+L1+1400N	2 ~ 1200	1250									
350CPLC-14									2300												
350CPLC-19	550	400	300	φ750	850	920		2450													
350CPLC-19F								2780	1200+L1+1400N												
350CPLC-30								2680													
350CPLC-30A、B								2780													
350CPLC-30F								2780	1120+L1+1400N												
350CPLC-40								2780													
350CPLC-40A								2680													
350CPLC-40F								2780													
350CPLC-48								2780	1160+L1+1400N												
350CPLC-48A								2680													
350CPLC-48F								2940													
350CPLC2-60	650								2940	1700+L1+1400N	2 ~ 2000										
350CPLC2-60F									2940												
350CPLC2-80									2940	1580+L1+1400N											
350CPLC2-80F									3160												
350CPLC2-96									3160	1640+L1+2140N											
350CPLC2-96A									2940												
350CPLC2-96F									3240												
350CPLC3-120									3240	2040+L1+2140N											
350CPLC3-120F									3240												
350CPLC3-144									3240												
350CPLC3-144F									3240	2120+L1+2140N											



DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MDOEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S					
350CPLC4-192	650	400	300	φ750	1050	1130	4-M24X500	365	3500	2600+L1+2140N	2 ~ 2000	1250					
350CPLC4-192F										3080+L1+2140N							
350CPLC5-240																	
350CPLC5-240F																	
400CPLC-10	600	500	300	φ750	850	920	4-M24X500	415	2440	1120+L1+1400N	2 ~ 1200	1350					
400CPLC-14									2580								
400CPLC-19									2630								
400CPLC-19A									2550								
400CPLC-19F									2730								
400CPLC-25									2820	1170+L1+1400N							
400CPLC-25A									2820								
400CPLC-25F									2820								
400CPLC-39									3000	1260+L1+1400N							
400CPLC-39A									2820								
400CPLC-39B									2820								
400CPLC-39F										1660+L1+1400N							
400CPLC2-50																	
400CPLC2-50A									3000								
400CPLC2-50F										1200+L1+1400N							
400CPLC-62																	
400CPLC-62A									3520								
400CPLC-62B									3440	1840+L1+1400N							
400CPLC-62F																	
400CPLC2-78									3700								
400CPLC2-78A	650			φ850	1050	1130	4-M30X630	465	3960	1750+L1+2140N	2 ~ 2000	1600					
400CPLC2-78F									3700								
400CPLC2-124																	
400CPLC2-124A										2300+L1+2140N							
400CPLC2-124F	800				1300	1400			3960								
400CPLC3-186																	
400CPLC3-186A									4060	2850+L1+2140N							
400CPLC3-186F																	
400CPLC4-248									3960								
400CPLC4-248A	650	600	350	φ950	1100	1200	4-M30X630	465	2940	1280+L1+1400N	2 ~ 1200						
400CPLC4-248F									4160	1380+L1+1400N							
450CPLC-18																	
450CPLC-18A																	
450CPLC-28																	
450CPLC-28A																	
450CPLC-28B																	



DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MODEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S
450CPLC-44	65 0	60 0	35 0	φ950	1100	1200	4-M30X630	46 5	366 0	1280+L1+1400 N	2 ~ 1200	160 0
450CPLC-44A									366 0			
450CPLC-44B									358 0			
450CPLC2-56									366 0			
450CPLC2-56A	80 0	60 0	35 0	φ950	1300	1400	4-M30X630	46 5	402 0	2020+L1+1400 N	2 ~ 2300	160 0
450CPLC2-88									371 0			
450CPLC2-88A									422 0			
450CPLC2-88B									412 0			
450CPLC3-132	80 0	60 0	35 0	φ950	1300	1400	4-M30X630	46 5	445 0	2480+L1+2540 N	2 ~ 2300	160 0
450CPLC3-132 A									435 0			
450CPLC3-132 B									450 0			
450CPLC4-176									440 0			
450CPLC4-176 A	70 0	65 0	35 0	φ105	φ150	φ160	6-M30X630	50 0	316 0	1500+L1+2250 N	2 ~ 2000	175 0
450CPLC4-176 B									332 0			
450CPLC5-220									337 0			
450CPLC5-220 A									343 0			
450CPLC5-220 B	70 0	65 0	35 0	φ105	φ150	φ160	6-M30X630	50 0	316 0	1500+L1+2250 N	2 ~ 2000	175 0
500CPLC-20									332 0			
500CPLC-20A									337 0			
500CPLC-20F									343 0			
500CPLC-23	70 0	65 0	35 0	φ105	φ150	φ160	6-M30X630	50 0	316 0	1500+L1+2250 N	2 ~ 2000	175 0
500CPLC-31									332 0			
500CPLC-31A									337 0			
500CPLC-31B									343 0			
500CPLC-31F	70 0	65 0	35 0	φ105	φ150	φ160	6-M30X630	50 0	316 0	1500+L1+2250 N	2 ~ 2000	175 0
									332 0			
									337 0			
									343 0			



DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MODEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S
500CPLC-50									364	1570+L1+2250		
500CPLC-50A									0	N		
500CPLC-50B												
500CPLC-50F												
500CPLC2-63									399	2130+L1+2250		
500CPLC2-63A									0			
500CPLC2-63F									373			
500CPLC2-100									0	2220+L1+2650	2~2300	
500CPLC2-100A									410			
500CPLC2-100B									0			
500CPLC2-100F									420			
500CPLC3-150	90						440	2870+L1+2650				
500CPLC3-150A							0					
500CPLC3-150B							430					
500CPLC3-150F							0					



DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MODEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S
500CPLC4-200	100 0	65 0	35 0	φ105 0	φ190 0	φ200 0	8-M30X630		476 0	3520+L1+2650 N	2~2300	175 0
500CPLC4-200												
A												
500CPLC4-200												
B												
500CPLC4-200	800	70 0	35 0	φ120 0	φ170 0	φ180 0	6-M30X630	60 0	369 0	1750+L1+2250 N	2~2000	190 0
600CPLC-25												
600CPLC-25A												
600CPLC-25F												
600CPLC-39												
600CPLC-39A									404 0	1800+L1+2250 N		
600CPLC-39B												
600CPLC-39F												
600CPLC-62												
600CPLC-62A												
600CPLC-62B	900								424 0	2750+L1+2650 N	2~2300	
600CPLC-62F												
600CPLC2-78												
600CPLC2-78A												
600CPLC2-78F												
600CPLC2-124									446 0	2600+L1+2650 N		
600CPLC2-124												
A												
600CPLC2-124												
B												
600CPLC2-124	100 0				φ190 0	φ200 0	8-M30X630		446 0	3400+L1+2650 N		
F												
600CPLC3-186												
600CPLC3-186												
A												
600CPLC3-186									482 0			
B												
600CPLC3-186												
F												
600CPLC3-186												



DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MODEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S
700CPLC-20	900	850	350	φ1350	φ1850	φ1950	8-M30X630	700	4200	1900+L1+2250 N	2~2000	2100
700CPLC-20A									4100			
700CPLC-32									4200	2220+L1+2250 N		
700CPLC-32A									3940			
700CPLC-32B									4450	2140+L1+2250 N		
700CPLC-50									4350			
700CPLC-50A									4650	3170+L1+2650 N	2~2300	
700CPLC-50B									4550			
700CPLC2-64	1000							4860	3040+L1+2650 N			
700CPLC2-64A								4660				
700CPLC2-100												
700CPLC2-100A												
700CPLC2-100B												



DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MODEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S								
700CPLC3-150	1100	850	350	φ135 0	φ200 0	φ2100	8-M30X630	700	5780	3940+L1 +2650N		2100								
700CPLC3-150A									5680											
700CPLC3-150B									5080											
800CPLC-24	950	900	400	φ150 0	φ200 0	φ2100	8-M30X630	800	4520	2070+L1	2 ~ 2000	2300								
800CPLC-24A									4370	+2250N										
800CPLC-38									4520	2420+L1										
800CPLC-38A									4420	+2250N										
800CPLC-38B									4740	2180+L1										
800CPLC-60									4620	+2250N										
800CPLC-60A	1000								5080	3470+L1	2 ~ 2300									
800CPLC-60B									5940	3140+L1										
800CPLC2-76									5740	+2700N										
800CPLC2-76A	1100				φ210 0	φ2200	8-M36X800	900	5240	4100+L1	2 ~ 2000									
800CPLC2-120									6350	+2700N										
800CPLC2-120A									6250											
800CPLC2-120B									6050											
800CPLC3-180									4750	2300+L1										
800CPLC3-180A									4650	+2250N										
800CPLC3-180B	1050				φ220 0	φ2300	8-M36X800	900	4750	2550+L1	2 ~ 2300									
900CPLC-21									4900	+2250N										
900CPLC-21A									4800											
900CPLC-21F									4900	2400+L1										
900CPLC-33									5020	+2250N										
900CPLC-33A									4920											
900CPLC-33B									5020	3650+L1										
900CPLC-33F									5650	+2700N										
900CPLC-52									5880	3500+L1										
900CPLC-52A									5780	+2700N										
900CPLC-52B									6080	4600+L1										
900CPLC-52F									6450	+2700N										
900CPLC2-66	1150								6350											
900CPLC2-66A																				
900CPLC2-66F																				
900CPLC2-104																				
900CPLC2-104A																				
900CPLC2-104B																				
900CPLC2-104F																				
900CPLC3-156																				
900CPLC3-156A																				
900CPLC3-156B																				



DEEP WELL BOREHOLE PUMPS

INSTALLATION DRAWING

MODEL NO	A	B	C	D1	D2	D3	n1-M	H1	H2	L	L1	S
900CPLC3-156F	1150	1000	400	φ170 0	φ220 0	φ2300		900	6450	4600+L1 +2700N		2500
1000CPLC-25	1150	1200	400	φ190 0	φ245 0	φ2550	8-M36X800	1000	5100	2500+L1	2~2000	2700
1000CPLC-25A									5000	+2250N		
1000CPLC-39									5220	2750+L1		
1000CPLC-39A									5120	+2250N		
1000CPLC-39B									5760	2600+L1		
1000CPLC-63									5710	+2250N		
1000CPLC-63A									5970	4000+L1		
1000CPLC-63B										+2700N		
1000CPLC2-78									6260	3800+L1	2~2300	
1000CPLC2-78A										+2700N		
1000CPLC2-126	1500								6680	5000+L1		
1000CPLC2-126A									6480	+2700N		
1000CPLC3-189												
1000CPLC3-189A												
1000CPLC3-189B												

Remark: L1 is adjust water column length, 100mm is for one grade, N is the column numbers.



DEEP WELL BOREHOLE PUMPS

OUTLET FLANGE SIZE

DIA	DN	PN1.0MPa			PN1.6MPa			PN2.5MPa		
		D4	D5	n-d	D4	D5	n-d	D4	D5	n-d
200	φ200	φ295	φ340	8-φ22	φ295	φ340	12-φ22	φ310	φ360	12-φ26
250	φ250	φ350	φ395	12-φ22	φ355	φ405	12-φ26	φ370	φ425	12-φ30
300	φ300	φ400	φ445	12-φ22	φ410	φ460	12-φ26	φ430	φ485	16-φ30
350	φ350	φ460	φ505	16-φ22	φ470	φ520	16-φ26	φ490	φ555	16-φ33
400	φ400	φ515	φ565	16-φ26	φ525	φ580	16-φ30	φ550	φ620	16-φ36
450	φ450	φ565	φ615	20-φ26	φ585	φ640	20-φ30	φ600	φ670	20-φ36
500	φ500	φ620	φ670	20-φ26	φ650	φ715	20-φ33	φ660	φ730	20-φ36
600	φ600	φ725	φ780	20-φ30	φ770	φ840	20-φ36	φ770	φ845	20-φ39
700	φ700	φ840	φ895	24-φ30	φ840	φ910	24-φ36	φ875	φ960	24-φ42
800	φ800	φ950	φ1015	24-φ33	φ950	φ1025	24-φ39	φ990	φ1085	24-φ48
900	φ900	φ1050	φ1115	28-φ33	φ1050	φ1125	28-φ39	φ1090	φ1185	28-φ48
1000	φ1000	φ1160	φ1230	28-φ36	φ1170	φ1255	28-φ42	φ1210	φ1320	28-φ55

Remark: Except special request, pump is designed by the below pressure standard, same as order.

If head is ≤100m, outlet flange class is PN1.0MPa.

If head is >100~160m, outlet flange class is PN1.6MPa.

If head is >160~250m, outlet flange class is PN2.5MPa.



DEEP WELL BOREHOLE PUMPS

PRESSURE & CAPACITY OF LUBRICATION WATER

Model NO	Lubrication water pressure (MPa)	Lubrication water capacity (m ³ /h)
200CPLC-19、19A、19E、19F、19FA、 25、25E、25F	0.2～0.3	0.8～1.0
200CPLC2-38、38E、38F、50、50E、 50F	0.4～0.5	
200CPLC3-75、75E、75F	0.6～0.7	
200CPLC4-100、100E、100F	0.9～1.0	1.2～1.4
200CPLC5-125、125E、125F	1.1～1.2	
200CPLC6-150、150E、150F	1.4～1.5	
250CPLC-10、250CPLC-14	0.2～0.3	
250CPLC-20、20A		
250CPLC2-40、250CPLC-32、32A	0.3～0.4	
250CPLC2-64、64A	0.5～0.6	
250CPLC3-96、96A	0.8～0.9	



DEEP WELL BOREHOLE PUMPS

PRESSURE & CAPACITY OF LUBRICATION WATER

Model NO	Lubrication water pressure (MPa)	Lubrication water capacity (m ³ /h)
250CPLC4-128、128A	1.1～1.2	1.8～2.2
250CPLC5-160	1.5～1.6	
300CPLC-10、14	0.2～0.3	1.2～1.4
300CPLC-25、25A		
300CPLC-33	0.4～0.5	
300CPLC-42、42A, 300CPLC2-50		
300CPLC2-66	0.5～0.6	
300CPLC2-84	0.7～0.8	1.8～2.2
300CPLC3-99	0.8～0.9	
300CPLC3-126	1.1～1.2	
300CPLC4-168	1.5～1.6	3.0～4.0
300CPLC5-210	1.9～2.0	
350CPLC-10、14、19、19A	0.2～0.3	1.4～1.6
350CPLC-30、30A、30F	0.3～0.4	



DEEP WELL BOREHOLE PUMPS

PRESSURE & CAPACITY OF LUBRICATION WATER

Model NO	Lubrication water pressure (MPa)	Lubrication water capacity (m ³ /h)
350CPLC-40、40A、40F	0.3~0.4	1.4~1.6
350CPLC-48、48A、48F	0.4~0.5	
350CPLC2-60、60F		
350CPLC2-80、80F	0.6~0.7	1.8~2.2
350CPLC2-96、96A、96F	0.7~0.8	
350CPLC3-120、120F	1.0~1.1	
350CPLC3-144、144F	1.2~1.3	
350CPLC4-192、192F	1.7~1.8	3.5~4.5
350CPLC5-240、240F	2.2~2.3	
400CPLC-10、14、19、19A、19F、 25、25A、25F	0.2~0.3	1.4~1.6
400CPLC-39、39A、39B、39F	0.4~0.5	
400CPLC2-50、50A、50F		
400CPLC-62、62A、62B、62F	0.5~0.6	



DEEP WELL BOREHOLE PUMPS

PRESSURE & CAPACITY OF LUBRICATION WATER

Model NO	Lubrication water pressure (MPa)	Lubrication water capacity (m ³ /h)
400CPLC2-78、78A、78F	0.6~0.7	2.0~2.5
400CPLC2-124、124A、124F	1.0~1.1	
400CPLC3-186、186A、186F	1.6~1.7	3.5~4.5
400CPLC4-248、248A、248F	2.3~2.4	
450CPLC-18、18A	0.3~0.4	1.6~1.8
450CPLC-28、28A、28B		
450CPLC-44、44A、44B,		
450CPLC2-56、56A	0.4~0.5	
450CPLC2-88、88A、88B	0.7~0.8	2.2~2.6
450CPLC3-132、132A、132B	1.1~1.2	
450CPLC4-176、176A、176B	1.5~1.6	3.5~4.5
450CPLC5-220、220A、220B	2.0~2.1	
500CPLC-20、20A、20F、23	0.2~0.3	1.8~2.0
500CPLC-31、31A、31B、31F	0.3~0.4	
500CPLC-50、50A、50B、50F	0.4~0.5	



DEEP WELL BOREHOLE PUMPS

PRESSURE & CAPACITY OF LUBRICATION WATER

Model NO	Lubrication water pressure (MPa)	Lubrication water capacity (m ³ /h)
500CPLC2-63、63A、63F	0.4~0.5	2.5~3.0
500CPLC2-100、100A、100B、100F	0.8~0.9	
500CPLC3-150、150A、150B、150F	1.3~1.4	3.5~4.5
500CPLC4-200、200A、200B、200F	1.8~1.9	
600CPLC-25、25A、25F	0.2~0.3	1.8~2.0
600CPLC-39、39A、39B、39F	0.3~0.4	
600CPLC-62、62A、62B、62F	0.5~0.6	
600CPLC2-78、78A、78F	0.6~0.7	2.5~3.0
600CPLC2-124、124A、124B、124F	1.0~1.1	
600CPLC3-186、186A、186B、186F	1.6~1.7	3.5~4.5



DEEP WELL BOREHOLE PUMPS

PRESSURE & CAPACITY OF LUBRICATION WATER

Model NO	Lubrication water pressure (MPa)	Lubrication water capacity (m ³ /h)
700CPLC-20、20A	0.2~0.3	2.2~2.6
700CPLC-32、32A、32B	0.3~0.4	
700CPLC-50、50A、50B	0.4~0.5	
700CPLC2-64、64A	0.5~0.6	
700CPLC2-100、100A、100B	0.8~0.9	3.0~3.5
700CPLC3-150、150A、150B	1.3~1.4	4.0~5.0
800CPLC-24、24A	0.2~0.3	2.2~2.6
800CPLC-38、38A、38B	0.3~0.4	
800CPLC-60、60A、60B	0.5~0.6	
800CPLC2-76、76A	0.6~0.7	
800CPLC2-120、120A、120B	1.0~1.1	3.5~4.0
800CPLC3-180、180A、180B	1.6~1.7	4.5~5.5
900CPLC-21、21A、21F	0.2~0.3	2.6~2.8
900CPLC-33、33A、33B、33F	0.3~0.4	
900CPLC-52、52A、52B、52F	0.4~0.5	
900CPLC2-66、66A、66F	0.5~0.6	



DEEP WELL BOREHOLE PUMPS

PRESSURE & CAPACITY OF LUBRICATION WATER

Model NO	Lubrication water pressure (MPa)	Lubrication water capacity (m ³ /h)
900CPLC2-104、104A、104B、104F	0.8~0.9	3.0~3.5
900CPLC3-156、156A、156B、156F	1.3~1.4	4.0~5.0
1000CPLC-25、25A	0.2~0.3	2.6~2.8
1000CPLC-39、39A、39B	0.3~0.4	2.6~2.8
1000CPLC-63、63A、63B	0.5~0.6	
1000CPLC2-78、78A	0.6~0.7	3.0~3.5
1000CPLC2-126、126A	1.0~1.1	3.5~4.0
1000CPLC3-189、189A、189B	1.7~1.8	4.5~5.5