



Application

- 4LPS Hybrid AC/DC Solar Submersible Pumps are fitted with a permanent magnet, brushless motor, which enables the efficient use of energy from a wide range of supply options. The pump system offers the perfect water supply solution in remote areas where water is scarce and the power supply is non-existent or unreliable.

Pompe

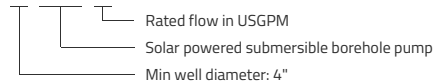
- Made of 100% stainless steel AISI 304
- Single shaft and impeller design removing any imbalance
- Minimal pump vibration and noise
- Long service lifetime of the motor

Moteur

- Made of 100% stainless steel AISI 314
- Double outer and inner shielding structure
- Internal coil made from high-temperature tolerant, copper wire
- Efficiently protecting the motor under high-temperature environment
- Extended motor's service lifetime.
- Water-filling lubricated rotor with top and bottom graphite-made bearing and thrust bearing made with high precision
- Co-axial rotation efficiently reduces motor's vibration and noise and extend its service lifetime.
- Built-in, integrated Variable Frequency Converter with intelligent-speed control algorithm with a maximum speed 6000 RPM.

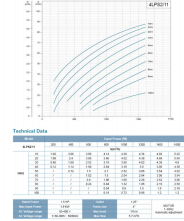
Identifikationscodes

4 LPS 2



Gesamtkopf (m)

4LPS 2/11

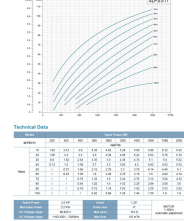


Technical Data

Motor	Rated Power (kW)	Rated Flow (l/min)	Rated Pressure (bar)	Max. Flow (l/min)	Max. Pressure (bar)
4LPS2/11	1.1	11	16	15	16

Gesamtkopf (m)

4LPS 3/11

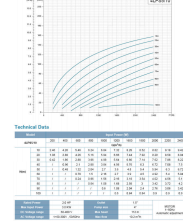


Technical Data

Motor	Rated Power (kW)	Rated Flow (l/min)	Rated Pressure (bar)	Max. Flow (l/min)	Max. Pressure (bar)
4LPS3/11	1.5	11	16	15	16

Gesamtkopf (m)

4LPS 5/10

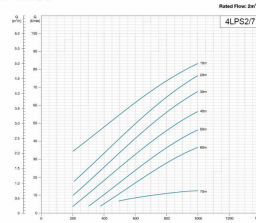


Technical Data

Motor	Rated Power (kW)	Rated Flow (l/min)	Rated Pressure (bar)	Max. Flow (l/min)	Max. Pressure (bar)
4LPS5/10	2.2	10	16	15	16

Gesamtkopf (m)

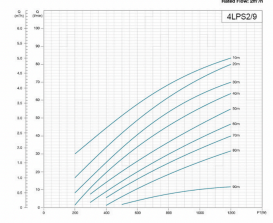
4LPS 2/7



Technical Data

Motor	Total Power (kW)									
	200	300	400	500	600	700	800	900	1000	
4LPS2/7	2.04	2.84	3.28	3.8	4.08	4.28	4.58	4.8	4.96	
10	1.02	1.42	1.64	1.9	2.04	2.14	2.28	2.4	2.48	
20	0.51	0.71	0.82	0.95	1.02	1.07	1.14	1.2	1.24	
40	0.13	0.18	0.21	0.24	0.26	0.28	0.29	0.31	0.32	
70	-	-	-	-	-	-	-	-	-	
100	-	-	-	-	-	-	-	-	-	

4LPS 2/9



Technical Data

Motor	Total Power (kW)									
	200	300	400	500	600	700	800	900	1000	1500
4LPS2/9	1.96	2.72	3.06	3.42	3.72	4.02	4.26	4.44	4.52	5.04
10	0.98	1.36	1.53	1.71	1.86	2.01	2.13	2.22	2.26	2.52
20	0.49	0.68	0.76	0.85	0.93	1.00	1.06	1.11	1.13	1.26
40	0.12	0.17	0.19	0.21	0.23	0.25	0.26	0.27	0.28	0.31
70	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-

Gesamtkopf (m)