

SLP 2100 Performance

The SLP 2100 has its best performance in 5" suction hoses and secondary in 3" and 4" with reduced RPMs. For suction hoses above 5" (6") we recommend this pump for vacuum lifts of fluids only.

The data FlowDry is based on the following parameters:

- Air temperature 20°C
- Water temperature 15°C
- Test performed with dry air and 1,013 mbar absolute pressure
- Tolerance ±10%



Application performance & hose dimension

	Vacuum-lift fluids	Air-lift fluids	Air-lift solids
Suction hose 2"	800 RPM	800 RPM	800 RPM
Suction hose 3"	800 RPM	800 RPM	800 RPM
Suction hose 4"	800 RPM	900 RPM	1100 RPM
Suction hose 5"	800 RPM	1000 RPM	1300 RPM
Suction hose 6"	800 RPM	1500 RPM	

Calculate operators performance



Solution Finder

Recommended

Vacuum performance

Metric	m3/h	kW	Nm
1600 RPM	2320	68	406
1500 RPM	2184	59	376
1400 RPM	2052	53	362
1300 RPM	1949	46	338
1200 RPM	1781	40	318

US	CFM	HP	Lbs *ft
1400 RPM	1366	92	299
1300 RPM	1285	80	277
1200 RPM	1208	72	267
1100 RPM	1147	63	249
1200 RPM	1048	54	235

Pressure performance

Metric	m3/h	kW	Nm
1600 RPM	1462	88	525
1500 RPM	1373	77	490
1400 RPM	1292	65	343
1300 RPM	1128	55	404
1200 RPM	802	46	366

1 bar(g)

US	CFM	HP	Lbs *ft
1600 RPM	861	120	387
1500 RPM	808	105	362
1400 RPM	760	88	327
1300 RPM	664	75	298
1200 RPM	472	63	270

14,5 psi

Water consumption

Metric	50% vacuum	70% vacuum	80% vacuum
20°C	8	4	2
30°C	20	10	6
40°C	39	19	11
50°C	67	33	19
55°C	111	54	31

L/h

US	50% vacuum	70% vacuum	80% vacuum
68°F	2	1	1
86°F	5	3	2
104°F	10	5	3
122°F	18	9	5
131°F	29	14	8

Gal/h