

# SLP 3100 Performance

The SLP 3100 has its best performance in 6" suction hoses and secondary in 4" and 5" with reduced RPMs. For suction hoses above 6" (8") 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
<b>Suction hose 6"</b>	<b>800 RPM</b>	<b>1500 RPM</b>	

## Calculate operators performance



Solution Finder

### Recommended

## Vacuum performance

Metric	m3/h	kW	Nm
1600 RPM	2947	90	547
1500 RPM	2860	78	497
1400 RPM	2724	68	464
1300 RPM	2542	60	441
1200 RPM	2159	56	446

US	CFM	HP	Lbs *ft
1400 RPM	1735	122	396
1300 RPM	1683	106	366
1200 RPM	1603	92	342
1100 RPM	1496	82	325
1200 RPM	1271	76	329

## Pressure performance

Metric	m3/h	kW	Nm
1600 RPM	1695	116	692
1500 RPM	1568	99	630
1400 RPM	1437	86	587
1300 RPM	1326	75	551
1200 RPM	1248	65	517

1 bar(g)

US	CFM	HP	Lbs *ft
1600 RPM	998	158	511
1500 RPM	923	135	465
1400 RPM	846	117	433
1300 RPM	780	102	406
1200 RPM	735	88	382

14,5 psi

## Water consumption

Metric	50% vacuum	70% vacuum	80% vacuum
20°C	10	5	3
30°C	25	13	7
40°C	50	26	13
50°C	87	46	23
55°C	142	75	37

L/h

US	50% vacuum	70% vacuum	80% vacuum
68°F	3	1	1
86°F	7	3	2
104°F	13	7	3
122°F	23	12	6
131°F	38	20	10

Gal/h