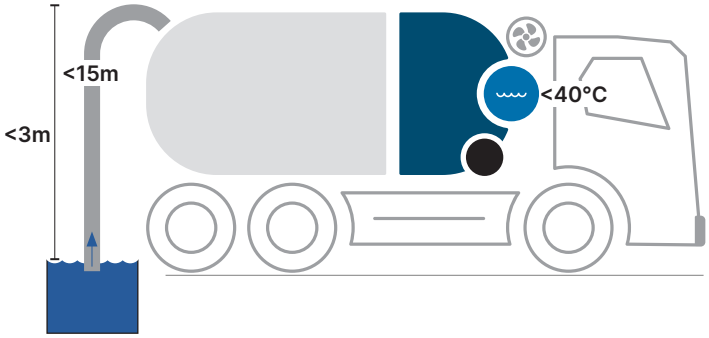
SLP 2100

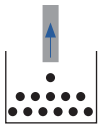
Hose-end performance

Hose-end flow data is based on the following test parameters:

- Water temperature up to 40°C
- Suction hose length up to 15 m
- Suction depth up to 3 m
- Tolerance ±10%

WATER flow can be used as a test parameter during commissioning and factory acceptance tests.





AIR FLOW

Operators power experience during air lift of solids

Air flow | m/sec

		6" HOSE	5" HOSE	4" HOSE	3" HOSE	2" HOSE
SLP 2100	1600 RPM	30 -14%	43 23%	58 65%	93 165%	129 268%
	1500 RPM	28 -20%	40 Perfect	54 56%	88 152%	126 260%
	1400 RPM	27 -26%	38 Perfect	51 47%	84 140%	123 250%
	1300 RPM	26 -29%	36 Perfect	48 36%	79 125%	120 243%
	1200 RPM	23 -34%	33 -6%	44 27%	74 111%	115 229%

Air flow m/sec

100%+	Overcapacity extreme
45-99%	Overcapacity high
15-44%	Overcapacity
0-14%	Perfect 35 - 40 m/sec
0--29%	Water is flying
-30%-	Insufficient speed

WATER FLOW

Tank filling performance fully submerged vacuum lift

m³/h | kW — Performance loss

	6" HOSE	5" HOSE	4" HOSE	3" HOSE	2" HOSE
1600 RPM	404 50% 68kW	270 68kW	163 -40% 68kW	79 -71% 68kW	26 -90% 68kW
1500 RPM	400 46% 59kW	274 59kW	163 -41% 59kW	79 -71% 59kW	26 -91% 59kW
1400 RPM	384 42% 53kW	270 53kW	163 -40% 53kW	79 -71% 53kW	26 -90% 53kW
1300 RPM	370 47% 46kW	252 46kW	163 -35% 46kW	79 -69% 46kW	26 -90% 46kW
1200 RPM	377 49% 40kW	252 40kW	150 -41% 40kW	79 -69% 40kW	26 -90% 40kW

Performance +/- %

90% +	
60-90%	
40-60%	
20-40%	
10-20%	
Full capacity	

RETURN ON INVESTMENT

Fuel consumption filling 100m³

Diesel oil consumption liter — KG/CO2 emissions

	6" HOSE	5" HOSE	4" HOSE	3" HOSE	2" HOSE
1600 RPM	1,68 4,51 KG/CO2	2,52 6,75 KG/CO2	4,17 11,1 KG/CO2	8,61 23,0 KG/CO2	26,1 70,0 KG/CO2
1500 RPM	1,47 3,95 KG/CO2	2,15 5,76 KG/CO2	3,62 9,70 KG/CO2	7,47 20,0 KG/CO2	22,6 60,8 KG/CO2
1400 RPM	1,38 3,70 KG/CO2	1,96 5,26 KG/CO2	3,25 8,71 KG/CO2	6,71 17,9 KG/CO2	20,3 54,6 KG/CO2
1300 RPM	1,59 4,26 KG/CO2	1,83 4,89 KG/CO2	2,82 7,56 KG/CO2	5,82 15,6 KG/CO2	17,6 47,4 KG/CO2
1200 RPM	1,80 4,83 KG/CO2	1,58 4,24 KG/CO2	2,66 7,13 KG/CO2	5,06 13,5 KG/CO2	15,3 41,2 KG/CO2

DOC1140

Diesel oil consumption per 100m³

5L +	Highly Inefficient
4-5L	Inefficient
3-4L	Less Efficient
2-3L	Moderately Efficient
1-2L	Efficient
0-1L	Highly Efficient

Customized calculations
Our team of vacuum specialists, with extensive experience, is available for customized calculations based on specific investments.
Reach out for a consultation and achieve goals with precision and expertise.

SLP 2100

Pump-end performance

Features:

- E-coated cast iron
- Stainless steel rotor
- Dry run resistant mechanical shaft seals
- Available in ATEX Zone 1 or 0
- Low noise



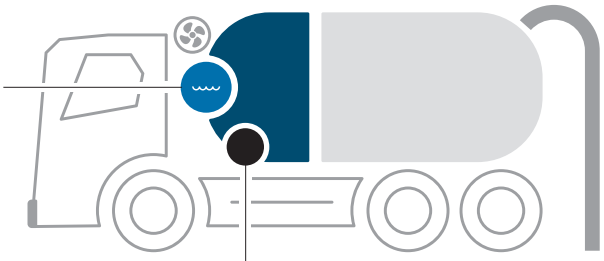
Water evaporation from saturation inside the pump

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



Vacuum

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
1600 RPM	1366	91	299
1500 RPM	1286	79	277
1400 RPM	1208	71	267
1300 RPM	1147	62	249
1200 RPM	1048	54	235

Pressure

Metric	m3/h	kW	Nm
1600 RPM	1462	88	525
1500 RPM	1373	77	490
1400 RPM	1292	65	443
1300 RPM	1128	55	404
1200 RPM	802	46	366

US	CFM	HP	Lbs *ft
1600 RPM	861	118	387
1500 RPM	808	103	362
1400 RPM	760	87	327
1300 RPM	664	74	298
1200 RPM	472	62	270