

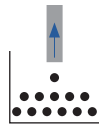
SLP 2700

Hose-end performance

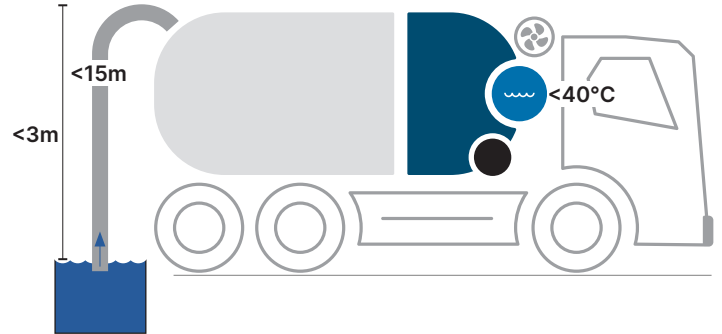
Hose-end flow data is based on the following test parameters:

- 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



WATER FLOW

		Operators power experience during air lift of solids					Tank filling performance fully submerged vacuum lift					RETURN ON INVESTMENT				
		Air flow m/sec					m ³ /h kW					Fuel consumption filling 100m ³				
		6" HOSE	5" HOSE	4" HOSE	3" HOSE	2" HOSE	6" HOSE	5" HOSE	4" HOSE	3" HOSE	2" HOSE	Diesel oil consumption liter		KG/CO2 emissions		
SLP 2700	1600 RPM	34 -3%	50 43%	60 72%	94 168%	122 249%	417 78kW	263 -37% 78kW	163 -61% 78kW	79 -81% 78kW	26 -94% 78kW	1,87 5,01 KG/CO2	2,96 7,93 KG/CO2	4,79 12,8 KG/CO2	9,87 26,4 KG/CO2	30,0 80,4 KG/CO2
	1500 RPM	33 -6%	47 34%	57 63%	89 155%	120 242%	396 68kW	274 -31% 68kW	163 -59% 68kW	79 -80% 68kW	26 -93% 68kW	1,72 4,60 KG/CO2	2,48 6,64 KG/CO2	4,17 11,1 KG/CO2	8,61 23,0 KG/CO2	26,1 70,0 KG/CO2
	1400 RPM	31 -11%	45 29%	55 58%	88 151%	117 235%	392 60kW	262 -33% 60kW	163 -58% 60kW	79 -80% 60kW	26 -93% 60kW	1,53 4,10 KG/CO2	2,28 6,12 KG/CO2	3,68 9,87 KG/CO2	7,59 20,3 KG/CO2	23,0 61,8 KG/CO2
	1300 RPM	29 -17%	42 20%	51 46%	83 136%	114 226%	401 53kW	271 -32% 53kW	163 -59% 53kW	79 -80% 53kW	26 -94% 53kW	1,32 3,54 KG/CO2	1,95 5,23 KG/CO2	3,25 8,71 KG/CO2	6,71 17,9 KG/CO2	20,3 54,6 KG/CO2
	1200 RPM	27 -23%	39 Perfect	46 33%	76 118%	111 217%	380 46kW	264 -30% 46kW	163 -57% 46kW	79 -79% 46kW	26 -93% 46kW	1,21 3,24 KG/CO2	1,74 4,66 KG/CO2	2,82 7,56 KG/CO2	5,82 15,6 KG/CO2	17,6 47,4 KG/CO2

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

Performance +/- %

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

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

DOC1140

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 2700

Pump-end performance

Features:

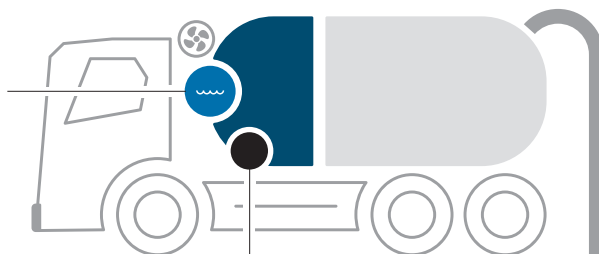
- E-coated cast iron
- Stainless steel rotor
- Dry run resistant mechanical shaft seals
- Available in ATEX Zone 1 or 0
- Low noise



Water evaporation from saturation inside the pump

Metric	50% vacuum	70% vacuum	80% vacuum	US	50% vacuum	70% vacuum	80% vacuum
20°C	9	5	2	68°F	2	1	1
30°C	23	12	6	86°F	6	3	2
40°C	45	23	11	104°F	12	6	3
50°C	79	40	19	122°F	21	11	5
55°C	129	66	32	131°F	34	17	8

L/h Gal/h



Vacuum

Metric	m3/h	kW	Nm	US	CFM	HP	Lbs *ft
1600 RPM	2707	78	466	1600 RPM	1593	105	343
1500 RPM	2556	68	433	1500 RPM	1504	91	319
1400 RPM	2440	60	409	1400 RPM	1436	80	302
1300 RPM	2290	53	389	1300 RPM	1348	71	287
1200 RPM	2112	46	366	1200 RPM	1243	62	270

Pressure

Metric	m3/h	kW	Nm	US	CFM	HP	Lbs *ft
1600 RPM	1635	101	603	1600 RPM	962	135	445
1500 RPM	1525	88	560	1500 RPM	898	118	413
1400 RPM	1407	77	525	1400 RPM	828	103	387
1300 RPM	1191	65	478	1300 RPM	701	87	352
1200 RPM	1034	56	446	1200 RPM	609	75	329