


## SUMP PUMP DATA SHEET

No.	By	Chk	App	Date	Description	Doc. No:	DS-1813-96	Rev.:	0
0	JS	RKL	DL	6/20/2019	Initial Release	Project Name: TSCR			
						Project Number: 18-13			
						Location: Richland, WA			

<b>GENERAL</b>	1	Tag Number	P&ID Number	POR655-WP-P-604	H-14-024857	
	2	Service				Primary Process / Sump
	3	Line Number	Line Material	N/A	316/316L SS	
	4	Line Size	Line Sch.	Line Spec.	1-1/2 in	40 ASME B31.3
	5	Area Classification				Class 1, Div. 1, Group B (Wetted Parts Only)
	6	Ambient Temp Range	Seismic Requirement	68 to 105 °F	N/A	
	7	Quality Level	Safety Classification	QL-3	GS	
<b>PROCESS CONDITIONS</b>	8	Fluid	State	LAW	Liquid	
	9	Fluid Comments				N/A
	10	Design Pressure:	Min.	Max.	0 psig	Atm. psig
	11	Design Temperature:	Min.	Max.	0 °F	180 °F
					<b>Units</b>	<b>Minimum</b>
	12	Pressure			psig	0
	13	Temperature			°F	68
	14	Density			g/mL	1
15	Viscosity			cP	1	
				<b>Normal</b>	<b>Maximum</b>	
				5	11.4	
				77	95	
				1.27	1.35	
				3.7	8	
<b>TECHNICAL</b>	16	Type	Application	Submersible Pump	Enclosure Sump Water Removal	
	17	Operating:	Flow Rate	TDH	40 GPM	11.6 ft H2O
	18	Rated:	Flow Rate	TDH	52 GPM	3.3 ft H2O
	19	Material:	Casing	Impeller	304 SS	304 SS
	20	Liquid Temp Range:	Min	Max.	32 °F	122 °F
	21	Minimum Liquid Level	Installation Orientation	1.46 in	Vertical	
	22	Inlet/Outlet Connection			1-1/4 in NPT	
	23	Maximum Particle Size			3/8 in	
<b>ELECTRICAL AND CONTROLS</b>	24	Rated Power	Phase	1/3 HP	Single	
	25	Main Frequency	Rated Voltage	60 Hz	115 VAC	
	26	Enclosure Class	Insulation Class	IP68	F	
	27	Rated Current				4.9 A
	28	Power Cord :	Type	Length	SJOW-A	25 ft
<b>PURCHASE</b>	29	Manufacturer			Grundfos	
	30	Model			KP250 M-1, Product Number 012DC201	
<b>NOTES:</b>	1. UL, CSA listed.					