



# PC PUMP LINE

Volume / 100 RPM		Lift		Standard connections		Stator OD*		Length**		Coilable 3 1/2" tubing 3/4" coil
m3/d	Bbls/d	m	ft	Rotor	Stator	mm	in	m	ft	
1.4	9	1200	3936	5/8" SH modified	1.90" NUE Box or 2 3/8" EUE Box	55	2.165	1.20	3.9	Yes
		1800	5904					1.80	5.9	
		2400	7872					2.40	7.9	
4	25	1200	3936	5/8" SH modified	1.90" NUE Box or 2 3/8" EUE Box	57	2.250	2.95	9.7	
		1800	5904					4.43	14.5	
		2400	7872					5.90	19.4	
6	38	600	1968	3/4" SH modified	2 3/8" EUE Pin	72	2.835	1.14	3.7	
		1200	3936					2.28	7.5	
		1800	5904					3.41	11.2	
		2400	7872					4.55	14.9	
9	57	1500	4920	1" SH modified	3 1/2" EUE Pin	95	3.740	2.35	7.7	
		1800	5904					2.85	9.3	
10	63	900	2952	7/8" SH modified	2 7/8" EUE Box or 3 1/2" NUE Pin	90	3.543	1.96	6.4	
		1200	3936					2.63	8.6	
		1800	5904					3.92	12.9	
		2400	7872					5.21	17.1	
		2400	7872					5.88	19.3	
15	94	900	2952	7/8" SH modified	2 7/8" EUE Box or 3 1/2" NUE Pin	90	3.543	2.12	6.9	
		1200	3936					2.83	9.3	
		1350	4428					3.17	10.4	
		1800	5904					4.23	13.9	
		2400	7872					5.63	18.5	
		2700	8856					6.35	20.8	
20	126	900	2952	1" SH modified	3 1/2" EUE Pin	95	3.740	2.25	7.4	
		1200	3936					3.02	9.9	
		1500	4920					3.75	12.3	
		1800	5904					4.50	14.8	
		2400	7872					5.99	19.6	
		2700	8856					6.75	22.1	
33	208	600	1968	1" SH modified	3 1/2" EUE Pin	95	3.740	2.25	7.4	
		900	2952					3.38	11.1	
		1200	3936					4.50	14.8	
		1500	4920					5.63	18.5	
		1800	5904					6.75	22.1	
		2400	7872					9.00	29.5	
43	270	600	1968	1" SH modified	3 1/2" EUE Pin	95	3.740	3.00	9.8	
		900	2952					4.50	14.8	
		1200	3936					5.99	19.6	
		1500	4920					7.52	24.6	
		1800	5904					9.00	29.5	
		2100	6888					10.49	34.4	
55	346	800	2624	7/8" SH modified	2 7/8" EUE Box or 3 1/2" NUE Pin	90	3.543	5.30	17.4	
		1200	3936					7.95	26.1	
		1600	5248					10.60	34.8	

\*stator body only, may have larger OD collars

\*\*stator length without tag bar or orbit tubes

'CAUSE WE GIVE A SH!T



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Volume / 100 RPM		Lift		Standard connections		Stator OD*		Length**		Coilable 3 1/2" tubing 3/4" coil
m3/d	Bbls/d	m	ft	Rotor	Stator	mm	in	m	ft	
64	402	600	1968	1" SH modified	4" NUE Pin or 3 1/2" EUE Box with orbit tube	103	4.055	3.50	11.5	No
		900	2952					5.25	17.2	
		1200	3936					7.00	23.0	
		1500	4920					8.75	28.7	
		1800	5904					10.50	34.4	
		2100	6888					12.25	40.2	
85	535	700	2296	1" SH modified	4" NUE Pin or 3 1/2" EUE Box with orbit tube	103	4.055	4.55	14.9	
		1050	3444					6.83	22.4	
		1400	4592					9.10	29.8	
		1750	5740					11.38	37.3	
		2100	6888					13.65	44.8	
100	629	800	2624	1 1/8" SH	4 1/2" EUE Box or 4 1/2" NUE Box	127	5.000	4.50	14.8	
		1200	3936					6.76	22.2	
		1600	5248					9.01	29.5	
		2000	6560					11.26	36.9	
102	641	600	1968	1" SH modified	4" NUE Pin or 3 1/2" EUE Box with orbit tube	103	4.055	4.55	14.9	
		900	2952					6.83	22.4	
		1200	3936					9.10	29.8	
		1500	4920					11.38	37.3	
		1800	5904					13.65	44.8	
123	774	600	1968	1" SH modified	4" NUE Pin or 3 1/2" EUE Box with orbit tube	103	4.055	5.60	18.4	
		900	2952					8.40	27.6	
		1200	3936					11.20	36.7	
		1500	4920					14.00	45.9	
125	786	800	2624	1 1/8" SH	4 1/2" EUE Box or 4 1/2" NUE Box	127	5.000	5.50	18.0	
		1200	3936					8.25	27.1	
		1600	5248					11.00	36.1	
		2000	6560					13.75	45.1	
158	994	500	1640	1" SH modified	4" NUE Pin or 3 1/2" EUE Box with orbit tube	103	4.055	5.60	18.4	
		750	2460					8.40	27.6	
		1000	3280					11.20	36.7	
		1250	4100					14.00	45.9	
160	1006	650	2132	1 1/8" SH	4 1/2" EUE Box or 4 1/2" NUE Box	127	5.000	5.50	18.0	
		810	2657					6.88	22.6	
		975	3198					8.25	27.1	
		1300	4264					11.00	36.1	
		1625	5330					13.75	45.1	

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\*\*stator length without tag bar or orbit tubes

March 18, 2024

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# PC PUMP LINE

## SLIMHOLE - FLUSHLINE - INSERTABLE

Models	Flushline		Slimhole		Insertable
	mm	in	mm	in	Tubing required
1.4-IP	55	2.165	n/a		2 7/8
4-IP	57	2.250	n/a		
6-IP	72	2.835	68	2.677	3 1/2
43-IP	n/a				
10 / 15 / 55	90	3.543	n/a		4 1/2
20 / 33 / 43	98	3.858	n/a		
64 / 85 / 102 / 123 / 158	106	4.173	99	3.898	n/a
106EW / 127EW	108	4.252	n/a		
100 / 125 / 160	127	5.000	n/a		

All models come with welded orbit tube (except 6/10/15)  
Insert Pump configuration (-IP)

Metric		Lift					Length**		Min Tubing
m3/d/100 rpm	BPD/d/100 rpm	m	ft	Rotor Connection Pin	Standard Stator Top Connection	Max. Stator OD in (mm)	Meter	Feet	
1.4 INSERT	9	1200	3936	5/8" SH modified	1.90" NU Box	2.165 (55)	1.20	3.9	2 7/8 (2.347 drift)
		1800	5904				1.80	5.9	
		2400	7872				2.40	7.9	
4 INSERT	25	1200	3936	5/8" SH modified	1.90" NU Box	2.250 (57)	2.95	9.7	
		1800	5904				4.42	14.5	
		2400	7872				5.89	19.3	
6 INSERT	38	1200	3936	3/4" SH modified	2 3/8" NUE Box	2.677 (68)	1.14	3.7	3 1/2 (2.867 drift)
		1800	5904				2.28	7.5	
		2400	7872				3.41	11.2	
43 INSERT	270	350	1148	3/4" SH modified	2 3/8" NUE Box	2.677 (68)	2.90	9.5	
		700	2296				5.80	19.0	
		1050	3444				8.70	28.5	
		1200	3936				10.15	33.3	
		1400	4592				11.60	38.0	

MANTL reserves the right to change information contained in this document without prior notice.

Contact your MANTL representative for additional information.

\*\*stator length without tag bar or orbit tubes



STD - STANDARD: STATOR WITH PIN THREADS; ASSEMBLY OD COLLARS LARGER THAN STATOR TUBE.



FLOT - FLUSHLINE: STATOR WITH BOX OR WELDED BOX CONNECTION; ASSEMBLY OD NOT LARGER THAN STATOR TUBE. WHEN ORBIT TUBE IS REQUIRED FOR HELIX OR ROTOR HEAD ROTATION.



FL - FLUSHLINE: STATOR WITH BOX OR WELDED BOX CONNECTION; ASSEMBLY OD NOT LARGER THAN STATOR TUBE.



SHOT - SLIMHOLE: STATOR WITH BOX OR WELDED BOX CONNECTION; ASSEMBLY OD NOT LARGER THAN STATOR TUBE. WHEN ORBIT TUBE IS REQUIRED FOR HELIX OR ROTOR HEAD ROTATION. SAME AS FLOT WITH FURTHER REDUCED OD.

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