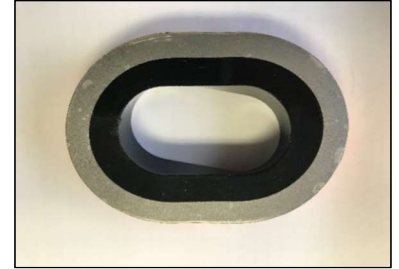


Artemis PC Pump Systems provide stators with uniform rubber thickness under the SPIRA brand name for the Petroleum Sector

These Stators can be used for the same applications as conventional cylindrical stators but with distinct advantages

### Key Advantages of SPIRA Stators

1. Consistent and predictable thermal and chemical expansion.
2. Improved heat dissipation throughout the stator, eliminating many elastomer hysteresis type failures.
3. 30-50% higher pressure rating when compared to conventional stators.
4. Reduced rotor - stator frictional torque.



### Standard Connections

Metric		Imperial			Rotor Specs					Stator Specs (Standard Connections)			
Meters Day/ 100RPM	Lift (Meters)	Barrels Day/ 100RPM	Lift (Feet)	Rated Pressure (psi)	Minimum Tubing for Rotor Drift	Max OD (inches)	Rotor Pin Connection	Rotor (XL) Overall Length		Barrel OD (Inches)	Top Connection	Stator Overall Length including Tag Bar	
								Inches	meters			Inches	meters
50 SPIRA	500	315 SPIRA	1650	710	2 7/8" (2.441)	2.050	1" API	111	2.819	3.937"	3 1/2" EUE Weld-on Collar (4.25" OD)	125	3.175
	750		2500	1065				154	3.912			168	4.267
	1000		3300	1420				205	5.207			219	5.563
	1250		4200	1775				248	6.299			262	6.655
	1500		5000	2130				291	7.391			305	7.747
	1750		5800	2485				340	8.636			354	8.992
	2000		6600	2840				385	9.779			399	10.135
105 SPIRA	300	660 SPIRA	1000	426	2 7/8" (2.441)	2.200	1" API	131	3.327	4.5"	3 1/2" EUE Weld-on Collar (4.25" OD)	145	3.683
	450		1500	639				187	4.750			201	5.105
	600		2000	852				245	6.223			259	6.579
	750		2500	1065				301	7.645			315	8.001
	900		3000	1278				357	9.068			371	9.423
	1050		3500	1491				414	10.516			428	10.871
	1200		4000	1704				471	11.963			485	12.319
140 SPIRA	300	880 SPIRA	1000	426	2 7/8" (2.441)	2.250	1" API	152	3.861	4.5"	3 1/2" EUE Weld-on Collar (4.25" OD)	167	4.242
	600		2000	852				288	7.315			303	7.696
	900		3000	1278				425	10.795			439	11.151

### Slimhole Connections

Metric		Imperial			Rotor Specs					Slimhole Stator Connections			
Meters Day/ 100RPM	Lift (Meters)	Barrels Day/ 100RPM	Lift (Feet)	Rated Pressure (psi)	Minimum Tubing for Rotor Drift	Max OD (inches)	Rotor Pin Connection	Rotor (XL) Overall Length		Barrel OD	Top Connection	Stator Overall Length including Tag Bar	
								Inches	meters			Inches	meters
50 SPIRA	500	315 SPIRA	1650	710	2 7/8" (2.441)	2.050	1" API	111	2.819	3.937"	48" Orbit Tube c/w 2 7/8" EUE (3.75" OD)	162	4.115
	750		2500	1065				154	3.912			205	5.207
	1000		3300	1420				205	5.207			256	6.502
	1250		4200	1775				248	6.299			299	7.595
	1500		5000	2130				291	7.391			342	8.687
	1750		5800	2485				340	8.636			391	9.931
	2000		6600	2840				385	9.779			436	11.074
105 SPIRA	300	660 SPIRA	1000	426	2 7/8" (2.441)	2.200	1" API	131	3.327	4.5"	36" Orbit Tube c/w 3.5" EUE (4.25" OD)	170	4.318
	450		1500	639				187	4.750			226	5.740
	600		2000	852				245	6.223			284	7.214
	750		2500	1065				301	7.645			340	8.636
	900		3000	1278				357	9.068			396	10.058
	1050		3500	1491				414	10.516			453	11.506
	1200		4000	1704				471	11.963			510	12.954
140 SPIRA	300	880 SPIRA	1000	426	2 7/8" (2.441)	2.250	1" API	152	3.861	4.5"	36" Orbit Tube c/w 3.5" EUE (4.25" OD)	191	4.851
	600		2000	852				288	7.315			327	8.306
	900		3000	1278				425	10.795			464	11.786

**50 SERIES**



1.64 in<sup>2</sup>

**105 SERIES**



1.92 in<sup>2</sup>

**140 SERIES**



2.04 in<sup>2</sup>