

THRU-TUBING APPLICATIONS



THRU-TUBING power sections equipped for the most technically challenging and demanding applications.

As a leading technology-driven manufacturer of power sections for thru-tubing motors, Abaco Drilling Technologies thru-tubing power sections help increase drilling and well intervention efficiency in technically challenging environments.

Experienced personnel provide expert evaluation to support every phase of rotor and stator design

from engineering, to manufacturing including in-house and field-proven testing.

When certain downhole environments require extremely durable elastomer, our HPX elastomer delivers increased power with a new harder durometer formulation designed to increase torque output and durability and yield higher reliability.

Abaco stators are designed with the most advanced NBR or High Performance (HP) elastomers to meet your specific downhole challenges.

Our rotors are manufactured with a standard offering of 17-4 stainless steel (other materials available upon request) and rotor coatings choices include chrome, carbide and carbide substitutes.

Thru-Tubing Models and Specifications										
Size (OD)	Model	Tube Length	Flow (GPM)		Motor RPM		Off Bottom PSI	Rotation Rev/Gal	Max Differential	Max Torque
			Min	Max	Min	Max				
1 11/16"	169562.3	60"	20	40	190	370	30	9.250	550	160
1 11/16"	169565.0	99"	25	55	390	860	70	15.720	1,180	230
2 1/8"	218566.0	88"	20	60	260	770	60	12.780	1,410	340
2 3/8"	238784.0	82"	30	100	150	500	60	5.030	940	470
2 7/8"	287563.5	98.6"	60	126	250	490	70	4.111	830	650
2 7/8"	287564.7	105.63"	50	150	170	500	80	3.320	1,110	910
2 7/8"	287454.0	105.63"	70	168	210	500	80	2.950	940	860
2 7/8"	287567.0	117"	30	110	160	600	80	5.420	1,650	780
3 1/8"	312563.5	88"	100	210	230	470	90	2.250	830	1,160
3 1/8"	312782.5	99.88"	50	210	62	260	60	1.240	880	1,730
3 1/8"	312783.0	106"	80	168	140	310	60	1.800	710	1,070
3 1/2"	350563.0	80"	50	130	120	310	50	2.380	710	1,190

 - High Flow Model