Coiled Tubing / Thru Tubing Drilling Motor

The Millennium Coiled Tubing / Thru Tubing Drilling Motor is an oil sealed bearing assembly designed with patented technology for use with the latest developments in high torque – medium speed power sections. Delivering superior performance and reliability, it provides users with an efficient tool for their drilling applications.

The Millennium Drilling Motors continue to offer the highest level of quality to customers through superior designs, materials, and manufacturing processes. Optimized design features and the pursuit of technological advancements mean Wenzel tools offer exceptional performance.

Features and Benefits

- Specifically designed for work over and other well intervention operations.
- High flow rate capacity for well bore cleaning.
- High allowable WOB (weight on bit) and load capacities.
- Features the Maxi-Torque Driveline for use with high torque – medium speed power sections.
- Inhouse manufactured components adhere to Wenzel's high standard of premium materials and quality production.
- Patented design.

Wenzel Coiled Tubing / Thru Tubing Motor Specifications

IMPERIAL												
Nominal OD (inch)	Model	Bit Box to Bend (inch)	Hole Size (inch)	Max WOB* (lbs)	Max Bit Overpull* (lbs)	Absolute Body Overpull** (lbs)	Flow Range (GPM)	Speed Range (RPM)	Speed Ratio (rev/gal)	Max Diff. Pressure (psi)	Torque at Max Diff. Pressure (ft.lbs)	Max Power (HP)
2 7/8	M6 5635	33	3 1/2 – 4 1/2	11 500	11 500	158 000	60-120	200-390	3. 26	790	620	40
2 7/8	M6 5647	33	3 1/2 – 4 1/2	11 500	11 500	158 000	50-125	170-420	3.32	1 060	870	60
3 1/8	M6 5635	33	3 3/4 – 4 1/2	11 500	11 500	167 000	100-180	230-410	2.25	790	1 110	75
3 1/8	M6 7825	33	3 3/4 – 4 1/2	11 500	11 500	167 000	110-210	140-260	1.24	570	1 110	50

METRIC												
Nominal OD (mm)	Model	Bit Box to Bend (m)	Hole Size (mm)	Max WOB* (daN)	Max Bit Overpull* (daN)	Absolute Body Overpull** (daN)	Flow Range (lpm)	Speed Range (RPM)	Speed Ratio (rev/litre)	Max Diff. Pressure (kPa)	Torque at Max Diff. Pressure (N.m)	Max Power (kW)
73	M6 5635	0.84	89 – 114	5 100	5 100	70 000	225-455	200-390	0.86	5 450	840	30
73	M6 5647	0.84	89 – 114	5 100	5 100	70 000	190-470	170-420	0.88	7 310	1 180	45
79	M6 5635	0.84	95 – 114	5 100	5 100	74 000	380-680	230-410	0.59	5 450	1 510	55
79	M6 7825	0.84	95 – 114	5 100	5 100	74 000	415-790	140-260	0.33	3 930	1 510	35

*Operating Capacity
**Static Capacity
Specifications are based on as new condition and are subject to change without notice