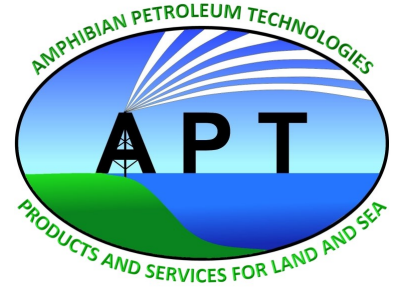


# Fluid Oscillator



## Fluid Oscillator



The APT Fluid Oscillator is used to reduce friction and improve weight transfer while oscillating the bottom hole. This reduces stick-slip especially in horizontal drilling with increased sliding, quicker tool face orientation, and increased ROP.

Model	O.D. in - (mm)	Total Length in - (m)	Flow Rate gpm - (L/s)	Max Operating Temperature F. - (C.)	Working Frequency HZ	Differential pressure PSI - (Mpa)	Max Tension lbf - (kN)	Connection API
FO500	5 - (127)	181 - (4.6)	238 -285 - (15-18)	302 - (150)	(18-19)	363-464 - (2.5-3.2)	341710 - (1520)	3 1/2 IF
FO662	6 5/8 - (168)	181 - (4.6)	476 -555 - (30-35)	302 - (150)	(16-20)	348-493 - (2.4-3.4)	696908 - (3100)	4 1/2 XH
FO675	6 3/4 - (172)	181 - (4.6)	476-571 - (30-36)	302 - (150)	(16-20)	363-508 - (2.5-3.5)	708148 - (3150)	4 1/2 XH
FO800	8 - (203)	181 - (4.6)	729-793 - (46-50)	302 - (150)	(16-22)	337-522 - (2.6-3.6)	989159 - (4400)	6 5/8 REG