DATA SHEET

LUFKIN PROGRESSIVE CAVITY PUMPS

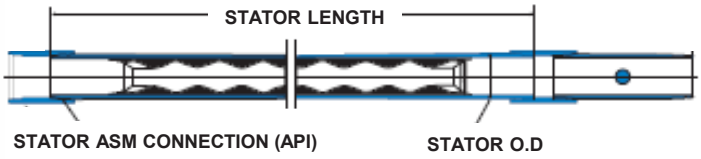
DESIGNED FOR HEAVY OIL PRODUCTION

The 8, 12 and 18 series pumps are specifically designed for heavy oil production applications. Heavy oil has been produced using PC Pumps since the late 1980's. The accumulation of field experiences and incremental product developments over time has enabled engineers to continually upgrade the technology to better produce this sometimes difficult application.

- Enhanced cavity cross sectional area for low PIP
- Decreased internal fluid velocity decreases erosion
- Larger rotor diameter for higher stresses
- Short rotor pitch length decreases pump lengths
- Low rotor swept angle for better solids production
- Huge intake area to ensure optimal cavity fill
- Field proven LT2000 elastomer

These pumps incorporate design features for heavy oil production with proven elastomer technology to deliver a dependable and long running pump.





8, 12, & 18 SERIES PUMPS

MODEL		ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS		
Metric m3/day/100 rpm	Imperial bfpd/100 rpm	Length (in.)	Pin Size (in.)	Stator Length (in.)	Stator O.D. (in.)	Stator Connection EUE (in.)
8	50	122	7/8 API	110	3.75	3.5
12	75	136	1.00 API	119	3.75	3.5
18	110	166	1.00 API	149	3.75	3.5