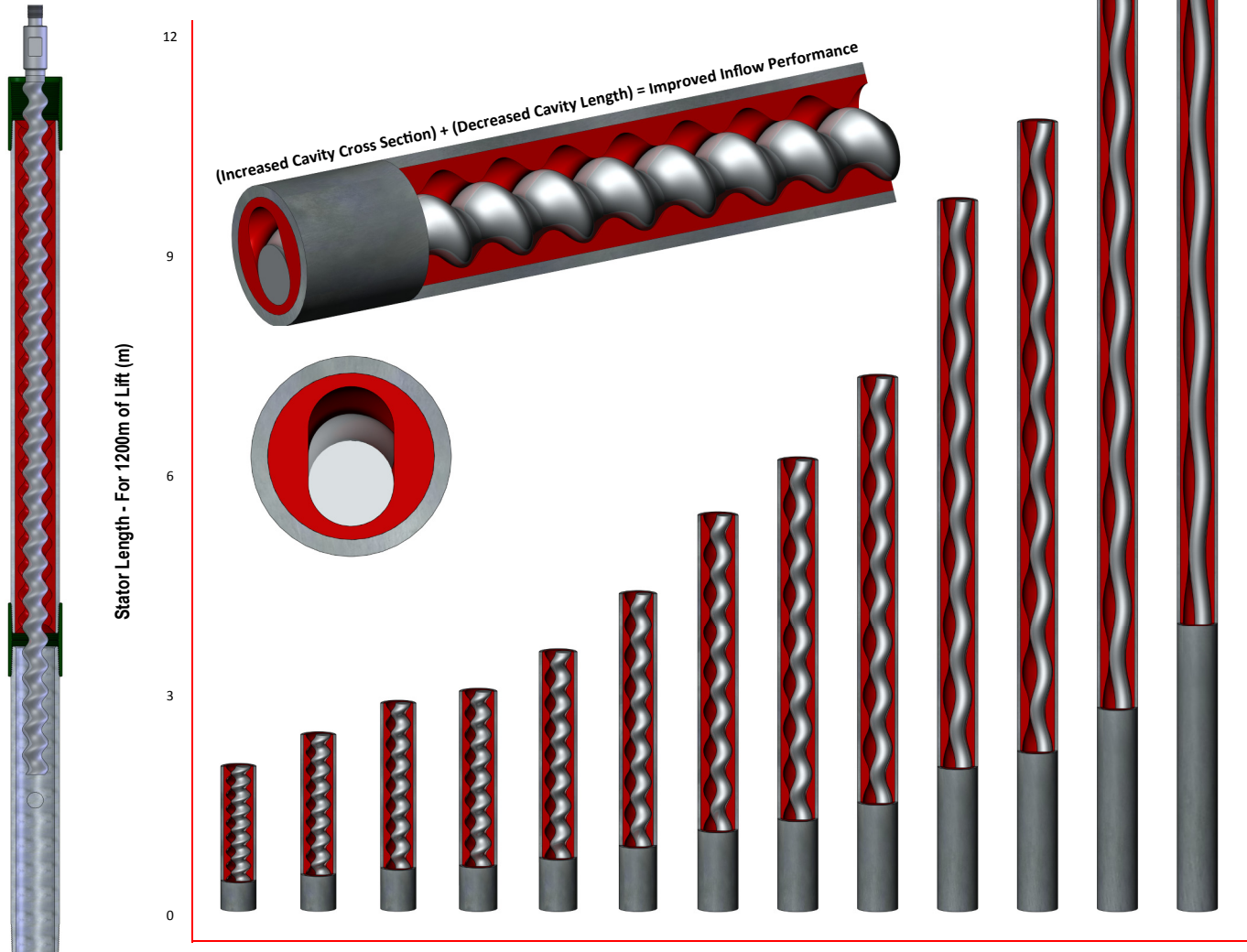


# PROGRESSING CAVITY PUMPS (PCP)

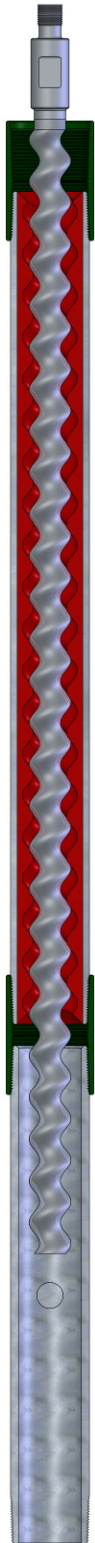
Apex Advanced has an intimate knowledge of PC Pump design, manufacturing and application. We work closely with our suppliers to offer a premium line of PC Pumps with numerous innovative advantages.

- Optimized rotor/stator fit resulting in low pump frictional torque and a reduction in related premature failures.
- Heavy oil (HO) geometries are designed for maximum inflow potential with a simple direct threaded configuration.
- Light oil (LO) geometries incorporate a reduction in elastomer volume resulting in less elastomer swell & heat build-up.
- All Pumps are available in our advanced suite of elastomers BUNA, BUNA Soft and High Nitrile



Series (m <sup>3</sup> /day/100rpm)	5	8	11	15	18	25	33	40	50	62	78	95	120
Stator Length - for 1200m Lift (m)	2.0	2.4	2.8	3.0	3.5	4.4	5.8	6.3	7.2	8.8	9.6	13.0	16.0
Tube OD (mm)	89	89	89	95	95	95	102	102	102	102	102	102	102
Standard Stator Connection (Box)	88.9mm EUE												
Stator Connection OD (mm)	106												
Rotor Drift Diameter (mm)	52	52	52	54	54	54	56	58	58	58	58	58	58
STD Rotor Connection (Pin)	22mm API						25mm API						
Rotor Connection OD (mm)	41.3						50.8						

# PC PUMP DETAILED SPECIFICATIONS



PC PUMP		ROTOR			STATOR				
MODEL	LIFT	CONNECTION SIZE & TYPE	MAXIMUM OD	LENGTH	CONNECTION SIZE & TYPE	MAXIMUM OD	LENGTH		
(m <sup>3</sup> /day/100rpm)	(m)		(mm)	(m)		(mm)	(m)		
5	1200	7/8" API PIN	52	2.8	3 1/2" EUE BOX	106	3.0		
	1500			3.3			3.5		
	1800			3.7			3.9		
8	1200			3.5			3.7		
	1500			4.1			4.3		
	1800			4.7			4.9		
11	1200			54			3.9	4.1	
	1500						4.6	4.8	
	1800						5.3	5.5	
15	1200		1" API PIN				56	4.1	4.3
	1500							4.8	5.0
	1800							5.6	5.8
18	1200							4.6	4.8
	1500							5.5	5.7
	1800							6.4	6.6
25	1200			58				5.0	5.2
	1500							6.4	6.6
	1800							7.4	7.6
33	1200	6.1			6.3				
	1500	7.8			8.0				
	1800	9.0			9.2				
40	1200	58			6.9	6.7			
	1500				8.5	8.3			
	1800				10.1	9.9			
50	1200			7.8	7.6				
	1500			10.0	9.8				
	1800			11.6	11.4				
62	900		7.2	7.0					
	1200		9.4	9.2					
	1500		11.9	11.7					
78	900		7.2	7.0					
	1200		9.5	9.3					
	1500		11.9	11.7					
95	900		8.0	7.8					
	1200		11.6	11.4					
120	600		7.8	7.6					
	900		11.7	11.5					