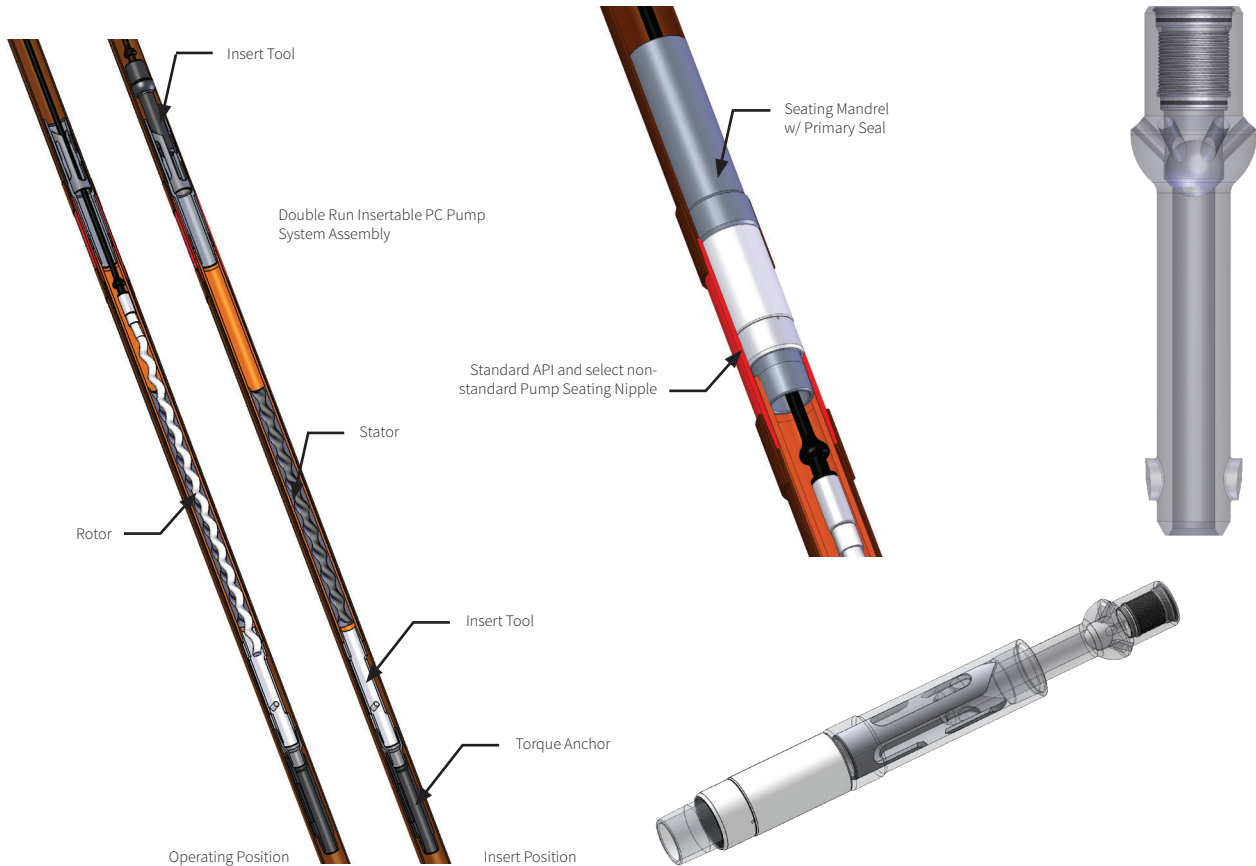


## Insertable PC Pump System

We have an innovative insertable progressing cavity pump design that allows the customer to insert a progressing cavity pump inside the production tubing sizes from 2 7/8" to 5 1/2" and is available in both a Single Run and Double Run design. The Single Run design can be factory configured as a flushable or non-flushable system while the Double Run design is always flushable and allows for the primary seal to be pressure tested during installation.



### Features and Benefits:

- There is no need for a service rig to pull the production tubing to change a downhole pump.
- Pump changes can be done with a flush-by equipped for rod handling.
- The unit minimizes the need to remove production tubing, reducing the cost of downhole gauge installations.
- Allows for pressure testing the production tubing as well as the primary seal, while inserting the stator. (Double Run System Only)
- Has the ability to use any manufacturers' standard progressing cavity pump without modifications which increases install options.
- Can pull the rotor out of the wellbore without unseating the primary seal when using the Double Run and Single Run Flushable systems.
- Insertable systems are available for 2 7/8", 3 1/2", 4 1/2" & 5 1/2" production tubing.
- The insert pump seating mandrel fits the following standard API seating nipples:
  - 3 1/2" API seating nipple with 2.780" seat.
  - 2 7/8" API seating nipple with 2.280" seat.
- The insert seating mandrel also fits the following non-API seating nipples:
  - 5 1/2" seating nipple with 4.625" seat.
  - 4 1/2" seating nipple with 3.810" seat.
  - 3 1/2" seating nipple with 2.831" ID
  - 2 7/8" seating nipple with 2.325" ID

# Insertable PC Pump System



## Insertable Pump Models Available

Insertable Models for 2 7/8" Tubing (6.5 lb/ft)		Insertable Models for 3 1/2" Tubing (9.3 lb/ft or less)		Insertable Models for 4 1/2" Tubing (12.75 lb/ft or less)		Insertable Models for 5 1/2" Tubing (20 lb/ft or less)**	
Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial
1 INS Series	006 INS Series	4 SH Series	025 SH Series	1 Series	006 Series	8 Series	056 Series
2 INS Series	010 INS Series	7 SH Series	045 SH Series	2 Series	010 Series	10 Series	065 Series
3 INS Series	015 INS Series	9 INS Series	060 INS Series	3 Series	015 Series	11 Series	067 Series
6 INS Series	044 INS Series	21 Series	131 Series	4 Series	025 Series	15 Series	090 Series
9 SH INS Series	060 SH INS Series	22 SH Series	135 SH Series	7 Series	045 Series	16 HTL Series	094 HTL Series
20 INS Series	125 INS Series	40 SH Series	250 SH Series	10 SH Series	065 SH Series	17 Series	095 Series
Stator Discharge - 2.00" ACME Box Stator Suction - 1.66" EUE Box Tag Bar - 1.66" EUE Pin		55 INS Series	345 INS Series	15 SH Series	090 SH Series	23 Series	144 Series
		Stator Discharge - 2 3/8" NUE Box Stator Suction - 2 3/8" NUE Box Tag Bar - 2 3/8" NUE Pin		17 SH Series	095 SH Series	24 Series	150 Series
				22 Series	135 Series	27 Series	170 Series
				23 SH Series	144 SH Series	32 Series	200 Series
				24 SH Series	150 SH Series	33 Series	205 Series
				27 SH Series	170 SH Series	39 Series	245 Series
				32 SH Series	200 SH Series	44 Series	275 Series
				33 SH Series	205 SH Series	45 HTL Series	280 Series
				39 SH Series	245 SH Series	50 Series	315 Series
				40 Series	250 Series	54 Series	340 Series
				44 SH Series	275 SH Series	64 Series (All)	400 Series (All)
				50 SH Series	315 SH Series	70 Series	440 Series
				54 SH Series	340 SH Series	74 HTL Series	495 HTL Series
				75 SH Series	500 SH Series	75 Series	500 Series
				110 SH Series	685 SH Series	80 Series	505 Series
				125 SH Series	785 SH Series	96 Series (All)	600 Series (All)
				145 SH Series	900 SH Series	110 Series	685 Series
				Stator Discharge - 2 7/8" EUE Box Stator Suction - 2 7/8" EUE Box Tag Bar - 2 7/8" EUE Pin		120 Series (All)	755 Series (All)
						150 Series	950 Series
						155 HTL Series	975 HTL Series
						Stator Discharge - 3 1/2" EUE Pin Stator Suction - 3 1/2" EUE Pin Tag Bar - 3 1/2" EUE Pin	

\*All pump models listed for a given tubing size are also insertable in the larger tubing sizes.

\*\* Slimhole Collars Required