



# PC PUMP LINE

| Volume / 100 RPM |        | Lift |      | Standard connections |                                        | Stator OD* |       | Length** |      | Coilable<br>3 1/2"<br>tubing<br>3/4" coil |
|------------------|--------|------|------|----------------------|----------------------------------------|------------|-------|----------|------|-------------------------------------------|
| m3/d             | Bbls/d | m    | ft   | Rotor                | Stator                                 | mm         | in    | m        | ft   |                                           |
| 1.4              | 9      | 1200 | 3936 | 5/8" SH<br>modified  | 1.90" NUE Box<br>or<br>2 3/8" EUE Box  | 55         | 2.165 | 1.20     | 3.9  | Yes                                       |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 1.80     | 5.9  |                                           |
|                  |        | 2400 | 7872 |                      |                                        |            |       | 2.40     | 7.9  |                                           |
| 4                | 25     | 1200 | 3936 | 5/8" SH<br>modified  | 1.90" NUE Box<br>or<br>2 3/8" EUE Box  | 57         | 2.250 | 2.95     | 9.7  |                                           |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 4.43     | 14.5 |                                           |
|                  |        | 2400 | 7872 |                      |                                        |            |       | 5.90     | 19.4 |                                           |
| 6                | 38     | 600  | 1968 | 3/4" SH<br>modified  | 2 3/8" EUE Pin                         | 72         | 2.835 | 1.14     | 3.7  |                                           |
|                  |        | 1200 | 3936 |                      |                                        |            |       | 2.28     | 7.5  |                                           |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 3.41     | 11.2 |                                           |
|                  |        | 2400 | 7872 |                      |                                        |            |       | 4.55     | 14.9 |                                           |
| 9                | 57     | 1500 | 4920 | 1" SH<br>modified    | 3 1/2" EUE Pin                         | 95         | 3.740 | 2.35     | 7.7  |                                           |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 2.85     | 9.3  |                                           |
| 10               | 63     | 900  | 2952 | 7/8" SH<br>modified  | 2 7/8" EUE Box<br>or<br>3 1/2" NUE Pin | 90         | 3.543 | 1.96     | 6.4  |                                           |
|                  |        | 1200 | 3936 |                      |                                        |            |       | 2.63     | 8.6  |                                           |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 3.92     | 12.9 |                                           |
|                  |        | 2400 | 7872 |                      |                                        |            |       | 5.21     | 17.1 |                                           |
|                  |        | 2400 | 7872 |                      |                                        |            |       | 5.88     | 19.3 |                                           |
| 15               | 94     | 900  | 2952 | 7/8" SH<br>modified  | 2 7/8" EUE Box<br>or<br>3 1/2" NUE Pin | 90         | 3.543 | 2.12     | 6.9  |                                           |
|                  |        | 1200 | 3936 |                      |                                        |            |       | 2.83     | 9.3  |                                           |
|                  |        | 1350 | 4428 |                      |                                        |            |       | 3.17     | 10.4 |                                           |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 4.23     | 13.9 |                                           |
|                  |        | 2400 | 7872 |                      |                                        |            |       | 5.63     | 18.5 |                                           |
|                  |        | 2700 | 8856 |                      |                                        |            |       | 6.35     | 20.8 |                                           |
| 20               | 126    | 900  | 2952 | 1" SH<br>modified    | 3 1/2" EUE Pin                         | 95         | 3.740 | 2.25     | 7.4  |                                           |
|                  |        | 1200 | 3936 |                      |                                        |            |       | 3.02     | 9.9  |                                           |
|                  |        | 1500 | 4920 |                      |                                        |            |       | 3.75     | 12.3 |                                           |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 4.50     | 14.8 |                                           |
|                  |        | 2400 | 7872 |                      |                                        |            |       | 5.99     | 19.6 |                                           |
|                  |        | 2700 | 8856 |                      |                                        |            |       | 6.75     | 22.1 |                                           |
| 33               | 208    | 600  | 1968 | 1" SH<br>modified    | 3 1/2" EUE Pin                         | 95         | 3.740 | 2.25     | 7.4  |                                           |
|                  |        | 900  | 2952 |                      |                                        |            |       | 3.38     | 11.1 |                                           |
|                  |        | 1200 | 3936 |                      |                                        |            |       | 4.50     | 14.8 |                                           |
|                  |        | 1500 | 4920 |                      |                                        |            |       | 5.63     | 18.5 |                                           |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 6.75     | 22.1 |                                           |
|                  |        | 2400 | 7872 |                      |                                        |            |       | 9.00     | 29.5 |                                           |
| 43               | 270    | 600  | 1968 | 1" SH<br>modified    | 3 1/2" EUE Pin                         | 95         | 3.740 | 3.00     | 9.8  |                                           |
|                  |        | 900  | 2952 |                      |                                        |            |       | 4.50     | 14.8 |                                           |
|                  |        | 1200 | 3936 |                      |                                        |            |       | 5.99     | 19.6 |                                           |
|                  |        | 1500 | 4920 |                      |                                        |            |       | 7.52     | 24.6 |                                           |
|                  |        | 1800 | 5904 |                      |                                        |            |       | 9.00     | 29.5 |                                           |
|                  |        | 2100 | 6888 |                      |                                        |            |       | 10.49    | 34.4 |                                           |
| 55               | 346    | 800  | 2624 | 7/8" SH<br>modified  | 2 7/8" EUE Box<br>or<br>3 1/2" NUE Pin | 90         | 3.543 | 5.30     | 17.4 |                                           |
|                  |        | 1200 | 3936 |                      |                                        |            |       | 7.95     | 26.1 |                                           |
|                  |        | 1600 | 5248 |                      |                                        |            |       | 10.60    | 34.8 |                                           |

\*stator body only, may have larger OD collars

\*\*stator length without tag bar or orbit tubes



# PC PUMP LINE

| Volume / 100 RPM |        | Lift |      | Standard connections |                                                       | Stator OD* |       | Length** |      | Coilable<br>3 1/2"<br>tubing<br>3/4" coil |
|------------------|--------|------|------|----------------------|-------------------------------------------------------|------------|-------|----------|------|-------------------------------------------|
| m3/d             | Bbls/d | m    | ft   | Rotor                | Stator                                                | mm         | in    | m        | ft   |                                           |
| 64               | 402    | 600  | 1968 | 1" SH<br>modified    | 4" NUE Pin<br>or<br>3 1/2" EUE Box<br>with orbit tube | 103        | 4.055 | 3.50     | 11.5 | No                                        |
|                  |        | 900  | 2952 |                      |                                                       |            |       | 5.25     | 17.2 |                                           |
|                  |        | 1200 | 3936 |                      |                                                       |            |       | 7.00     | 23.0 |                                           |
|                  |        | 1500 | 4920 |                      |                                                       |            |       | 8.75     | 28.7 |                                           |
|                  |        | 1800 | 5904 |                      |                                                       |            |       | 10.50    | 34.4 |                                           |
|                  |        | 2100 | 6888 |                      |                                                       |            |       | 12.25    | 40.2 |                                           |
| 85               | 535    | 700  | 2296 | 1" SH<br>modified    | 4" NUE Pin<br>or<br>3 1/2" EUE Box<br>with orbit tube | 103        | 4.055 | 4.55     | 14.9 |                                           |
|                  |        | 1050 | 3444 |                      |                                                       |            |       | 6.83     | 22.4 |                                           |
|                  |        | 1400 | 4592 |                      |                                                       |            |       | 9.10     | 29.8 |                                           |
|                  |        | 1750 | 5740 |                      |                                                       |            |       | 11.38    | 37.3 |                                           |
|                  |        | 2100 | 6888 |                      |                                                       |            |       | 13.65    | 44.8 |                                           |
| 100              | 629    | 800  | 2624 | 1 1/8" SH            | 4 1/2" EUE Box<br>or<br>4 1/2" NUE Box                | 127        | 5.000 | 4.50     | 14.8 |                                           |
|                  |        | 1200 | 3936 |                      |                                                       |            |       | 6.76     | 22.2 |                                           |
|                  |        | 1600 | 5248 |                      |                                                       |            |       | 9.01     | 29.5 |                                           |
|                  |        | 2000 | 6560 |                      |                                                       |            |       | 11.26    | 36.9 |                                           |
| 102              | 641    | 600  | 1968 | 1" SH<br>modified    | 4" NUE Pin<br>or<br>3 1/2" EUE Box<br>with orbit tube | 103        | 4.055 | 4.55     | 14.9 |                                           |
|                  |        | 900  | 2952 |                      |                                                       |            |       | 6.83     | 22.4 |                                           |
|                  |        | 1200 | 3936 |                      |                                                       |            |       | 9.10     | 29.8 |                                           |
|                  |        | 1500 | 4920 |                      |                                                       |            |       | 11.38    | 37.3 |                                           |
|                  |        | 1800 | 5904 |                      |                                                       |            |       | 13.65    | 44.8 |                                           |
| 123              | 774    | 600  | 1968 | 1" SH<br>modified    | 4" NUE Pin<br>or<br>3 1/2" EUE Box<br>with orbit tube | 103        | 4.055 | 5.60     | 18.4 |                                           |
|                  |        | 900  | 2952 |                      |                                                       |            |       | 8.40     | 27.6 |                                           |
|                  |        | 1200 | 3936 |                      |                                                       |            |       | 11.20    | 36.7 |                                           |
|                  |        | 1500 | 4920 |                      |                                                       |            |       | 14.00    | 45.9 |                                           |
| 125              | 786    | 800  | 2624 | 1 1/8" SH            | 4 1/2" EUE Box<br>or<br>4 1/2" NUE Box                | 127        | 5.000 | 5.50     | 18.0 |                                           |
|                  |        | 1200 | 3936 |                      |                                                       |            |       | 8.25     | 27.1 |                                           |
|                  |        | 1600 | 5248 |                      |                                                       |            |       | 11.00    | 36.1 |                                           |
|                  |        | 2000 | 6560 |                      |                                                       |            |       | 13.75    | 45.1 |                                           |
| 158              | 994    | 500  | 1640 | 1" SH<br>modified    | 4" NUE Pin<br>or<br>3 1/2" EUE Box<br>with orbit tube | 103        | 4.055 | 5.60     | 18.4 |                                           |
|                  |        | 750  | 2460 |                      |                                                       |            |       | 8.40     | 27.6 |                                           |
|                  |        | 1000 | 3280 |                      |                                                       |            |       | 11.20    | 36.7 |                                           |
|                  |        | 1250 | 4100 |                      |                                                       |            |       | 14.00    | 45.9 |                                           |
| 160              | 1006   | 650  | 2132 | 1 1/8" SH            | 4 1/2" EUE Box<br>or<br>4 1/2" NUE Box                | 127        | 5.000 | 5.50     | 18.0 |                                           |
|                  |        | 810  | 2657 |                      |                                                       |            |       | 6.88     | 22.6 |                                           |
|                  |        | 975  | 3198 |                      |                                                       |            |       | 8.25     | 27.1 |                                           |
|                  |        | 1300 | 4264 |                      |                                                       |            |       | 11.00    | 36.1 |                                           |
|                  |        | 1625 | 5330 |                      |                                                       |            |       | 13.75    | 45.1 |                                           |

\*stator body only, may have larger OD collars

\*\*stator length without tag bar or orbit tubes

March 18, 2024



# PC PUMP LINE

## SLIMHOLE - FLUSHLINE - INSERTABLE

|                           | Flushline |       | Slimhole |       | Insertable      |
|---------------------------|-----------|-------|----------|-------|-----------------|
| Models                    | mm        | in    | mm       | in    | Tubing required |
| 1.4-IP                    | 55        | 2.165 | n/a      |       | 2 7/8           |
| 4-IP                      | 57        | 2.250 |          |       |                 |
| 6-IP                      | 72        | 2.835 | 68       | 2.677 | 3 1/2           |
| 43-IP                     | n/a       |       |          |       |                 |
| 10 / 15 / 55              | 90        | 3.543 | n/a      |       | 4 1/2           |
| 20 / 33 / 43              | 98        | 3.858 |          |       |                 |
| 64 / 85 / 102 / 123 / 158 | 106       | 4.173 | 99       | 3.898 | n/a             |
| 106EW / 127EW             | 108       | 4.252 | n/a      |       |                 |
| 100 / 125 / 160           | 127       | 5.000 |          |       |                 |

All models come with welded orbit tube (except 6/10/15)  
Insert Pump configuration (-IP)

| Metric       |                   | Lift |      |                            |                                      |                                 | Length** |      | Min<br>Tubing             |
|--------------|-------------------|------|------|----------------------------|--------------------------------------|---------------------------------|----------|------|---------------------------|
| m3/d/100 rpm | BPD/d/<br>100 rpm | m    | ft   | Rotor<br>Connection<br>Pin | Standard<br>Stator Top<br>Connection | Max.<br>Stator<br>OD in<br>(mm) | Meter    | Feet |                           |
| 1.4 INSERT   | 9                 | 1200 | 3936 | 5/8" SH<br>modified        | 1.90" NU<br>Box                      | 2.165<br>(55)                   | 1.20     | 3.9  | 2 7/8<br>(2.347<br>drift) |
|              |                   | 1800 | 5904 |                            |                                      |                                 | 1.80     | 5.9  |                           |
|              |                   | 2400 | 7872 |                            |                                      |                                 | 2.40     | 7.9  |                           |
| 4 INSERT     | 25                | 1200 | 3936 | 5/8" SH<br>modified        | 1.90" NU Box                         | 2.250<br>(57)                   | 2.95     | 9.7  |                           |
|              |                   | 1800 | 5904 |                            |                                      |                                 | 4.42     | 14.5 |                           |
|              |                   | 2400 | 7872 |                            |                                      |                                 | 5.89     | 19.3 |                           |
| 6 INSERT     | 38                | 1200 | 3936 | 3/4" SH<br>modified        | 2 3/8" NUE<br>Box                    | 2.677<br>(68)                   | 1.14     | 3.7  |                           |
|              |                   | 1800 | 5904 |                            |                                      |                                 | 2.28     | 7.5  |                           |
|              |                   | 2400 | 7872 |                            |                                      |                                 | 3.41     | 11.2 |                           |
| 43 INSERT    | 270               | 350  | 1148 | 3/4" SH<br>modified        | 2 3/8" NUE<br>Box                    | 2.677<br>(68)                   | 2.90     | 9.5  | 3 1/2<br>(2.867<br>drift) |
|              |                   | 700  | 2296 |                            |                                      |                                 | 5.80     | 19.0 |                           |
|              |                   | 1050 | 3444 |                            |                                      |                                 | 8.70     | 28.5 |                           |
|              |                   | 1200 | 3936 |                            |                                      |                                 | 10.15    | 33.3 |                           |
|              |                   | 1400 | 4592 |                            |                                      |                                 | 11.60    | 38.0 |                           |

MANTL reserves the right to change information contained in this document without prior notice.

Contact your MANTL representative for additional information.

\*\*stator length without tag bar or orbit tubes



STD - STANDARD: STATOR WITH PIN THREADS; ASSEMBLY OD COLLARS LARGER THAN STATOR TUBE.



FLOT - FLUSHLINE: STATOR WITH BOX OR WELDED BOX CONNECTION; ASSEMBLY OD NOT LARGER THAN STATOR TUBE. WHEN ORBIT TUBE IS REQUIRED FOR HELIX OR ROTOR HEAD ROTATION.



FL - FLUSHLINE: STATOR WITH BOX OR WELDED BOX CONNECTION; ASSEMBLY OD NOT LARGER THAN STATOR TUBE.



SHOT - SLIMHOLE: STATOR WITH BOX OR WELDED BOX CONNECTION; ASSEMBLY OD NOT LARGER THAN STATOR TUBE. WHEN ORBIT TUBE IS REQUIRED FOR HELIX OR ROTOR HEAD ROTATION. SAME AS FLOT WITH FURTHER REDUCED OD.