

### PCM Moineau™ 22E1200

| Performance                | SI                                   | US                   |
|----------------------------|--------------------------------------|----------------------|
| Nominal displacement       | 0.22 m <sup>3</sup> /d/rpm           | 1.38 bpd/rpm         |
| Pressure rating            | 120 bars / 12000 kPa                 | 1700 psi             |
| Pressure per cavity        | 4.6 bars / 460 kPa                   | 70 psi               |
| Number of engaged cavities | 26                                   |                      |
| Minimum/maximum speed      | 50/500 rpm, depending on application |                      |
| ISO 15136-1 compliance     | V3/Q3 - Higher grade upon request    |                      |
| Helix angle                | 46.7°                                |                      |
| Cavity flow area           | 812 mm <sup>2</sup>                  | 1.26 in <sup>2</sup> |

| Stator Specifications  | Standard  |          | Flush   |          |
|--|---|----------|---|----------|
|  | SI  | US       | SI  | US       |
| Top connection (API nominal size)                                | 2 <sup>7</sup> / <sub>8</sub> " (73.0 mm) EUE Pin |          | 2 <sup>3</sup> / <sub>8</sub> " (60.3 mm) EUE Box |          |
| Bottom connection (API nominal size)                             | 2 <sup>7</sup> / <sub>8</sub> " (73.0 mm) EUE Pin |          | 2 <sup>3</sup> / <sub>8</sub> " (60.3 mm) EUE Pin |          |
| Body outside diameter  | 86.0 mm   | 3.39"    |   |          |
| Maximum outside diameter   | 93.2 mm   | 3.67"    | 77.8 mm   | 3.06"    |
| Maximum outside diameter if special clearance couplings are used | 87.9 mm   | 3.46"    | 73.9 mm   | 2.91"    |
| Length   | 5.22 m  | 17' 1.6" | 7.05 m  | 23' 1.6" |
| Weight   | 135 kg  | 298 lb   | 151 kg  | 332 lb   |
| Number of elements   | 2   |          | 2   |          |
| Top bushing or tag bar   | Available   |          | Available   |          |
| Notes  |   |          | Includes 6.0 ft pup joint                         |          |

| Rotor Specifications                    | SI   | US           |
|---|--|--------------|
| Top connection (nominal size)           | 7 <sup>8</sup> / <sub>16</sub> " (22.2 mm) API Pin |              |
| Total length                            | 5.70 m   | 18' 8.4"     |
| Helix length                            | 5.48 m   | 17' 11.7"    |
| Weight                                  | 30 kg  | 66 lb        |
| Minor diameter                          | 29.0 mm  | 1.142"       |
| Major diameter                          | 43.0 mm  | 1.693"       |
| Head diameter                           | 43.0 mm  | 1.693"       |
| Maximum OD with full size coupling      | 46.0 mm  | 1.812"       |
| * Maximum OD with slimhole coupling     | 43.0-43.9 mm                                       | 1.693-1.728" |
| Orbit diameter with full size coupling  | 60.0 mm  | 2.363"       |
| * Orbit diameter with slimhole coupling | 57.0-57.9 mm                                       | 2.244-2.279" |
| Coating type                            | Chromium   |              |
| Coating thickness                       | Information upon request                           |              |
| This pump is available as (optional):   | <b>PCM Slugger</b>                                 |              |
| This pump is available with (optional): | Paddle rotor                                       |              |



| Completion Considerations  |
|--|
| <i>Stator maximum OD must be less than casing drift diameter (some extra clearance is recommended)</i> |
| <i>Rotor maximum OD must be less than tubing drift diameter</i>  |
| <i>Rotor orbit diameter must be less than pup joint drift diameter</i>                                 |

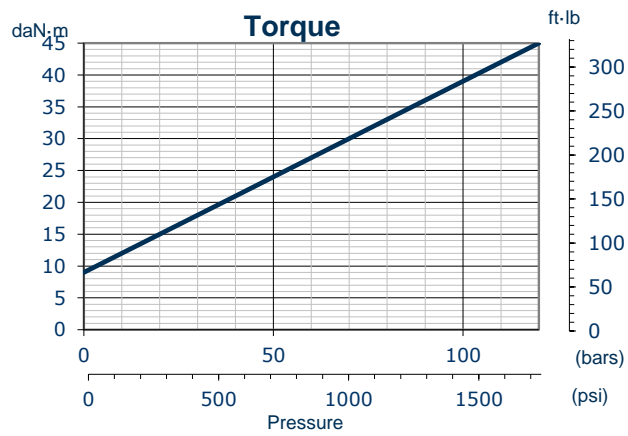
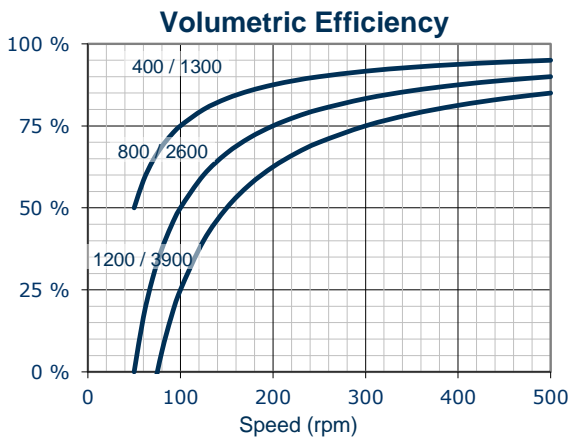
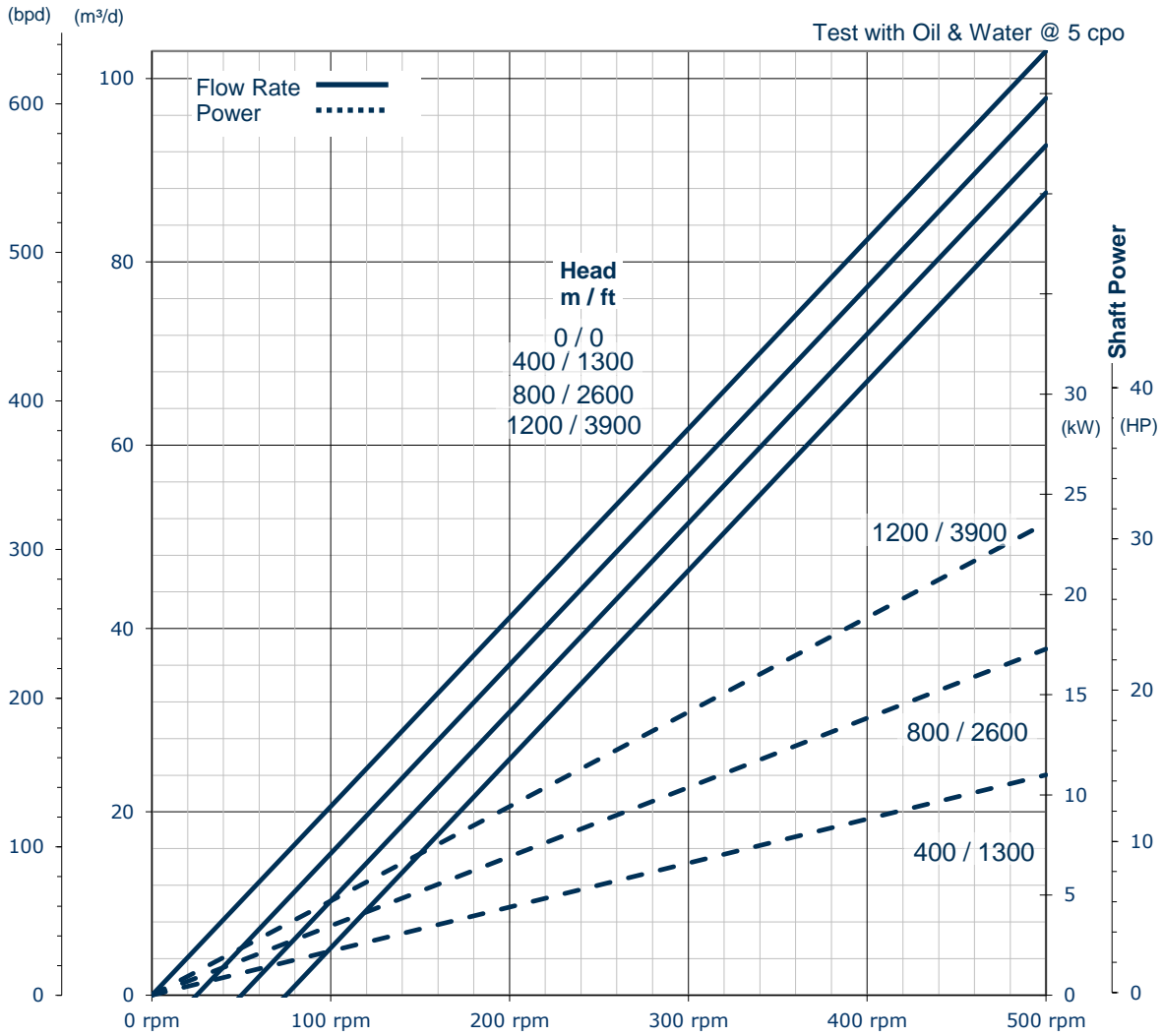
\* Depending on rotor fit

Contact your PCM representative for an operator's manual

Top and bottom stator connections can be customized as required (pin/pin, box/box, etc., or changes in size in some cases)

With a paddle rotor, the rotor length is extended by 600 mm (2 ft). Contact PCM for further details.

This is not a contractual document. PCM reserves the right to make changes at any time.



The flow rate chart is calculated using the validated displacement for this pump.

Revision Number 1-1-1 (2022/01/19)