

PCM Moineau™ 86E2000

| Performance | SI | US |
|----------------------------|--------------------------------------|----------------------|
| Nominal displacement | 0.86 m ³ /d/rpm | 5.41 bpd/rpm |
| Pressure rating | 200 bars / 20000 kPa | 2900 psi |
| Pressure per cavity | 5.9 bars / 590 kPa | 90 psi |
| Number of engaged cavities | 34 | |
| Minimum/maximum speed | 50/500 rpm, depending on application | |
| ISO 15136-1 compliance | V3/Q3 - Higher grade upon request | |
| Helix angle | 38.1° | |
| Cavity flow area | 2496 mm ² | 3.87 in ² |

| Stator Specifications | Standard | |
|--|-----------------------|-----------|
| | SI | US |
| Top connection (API nominal size) | 5" (127.0 mm) STC Pin | |
| Bottom connection (API nominal size) | 5" (127.0 mm) STC Pin | |
| Body outside diameter | 138.0 mm | 5.43" |
| Maximum outside diameter | 141.3 mm | 5.56" |
| Maximum outside diameter if special clearance couplings are used | N/A | N/A |
| Length | 8.49 m | 27' 10.4" |
| Weight | 381 kg | 840 lb |
| Number of elements | 3 | |
| Top bushing or tag bar | Available | |
| Notes | | |

| Rotor Specifications | SI | US |
|--|--------------------------|--------------|
| Top connection (nominal size) | 1½" (28.6 mm) API Pin | |
| Total length | 9.01 m | 29' 6.7" |
| Helix length | 8.80 m | 28' 10.3" |
| Weight | 130 kg | 287 lb |
| Minor diameter | 48.0 mm | 1.890" |
| Major diameter | 74.0 mm | 2.913" |
| Head diameter | 57.5 mm | 2.264" |
| * Maximum OD with full size coupling | 73.7-76.2 mm | 2.903-3.000" |
| * Maximum OD with slimhole coupling | 73.7-76.2 mm | 2.903-3.000" |
| * Orbit diameter with full size coupling | 99.7-102.2 mm | 3.927-4.023" |
| * Orbit diameter with slimhole coupling | 99.7-102.2 mm | 3.927-4.023" |
| Coating type | Chromium | |
| Coating thickness | Information upon request | |
| This pump is available as (optional): | PCM Slugger | |
| 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> |

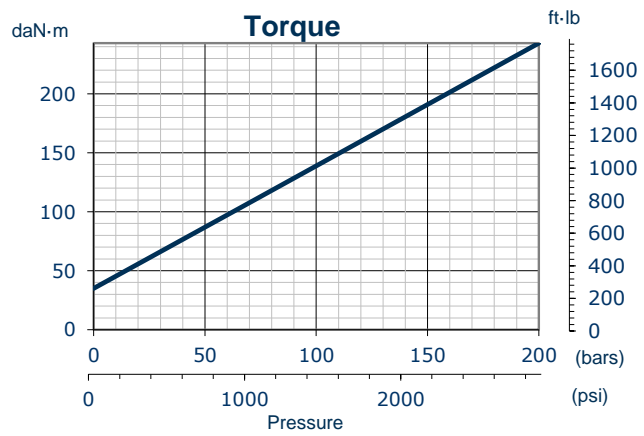
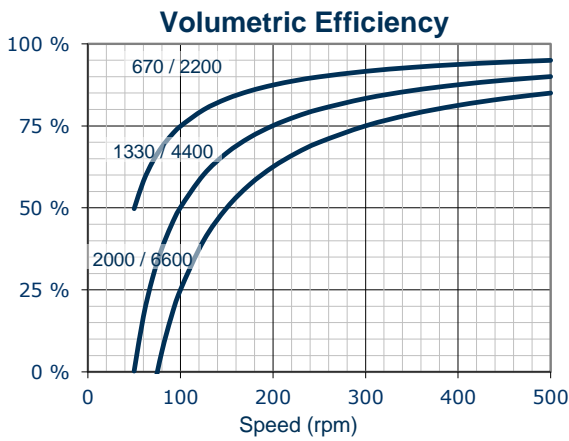
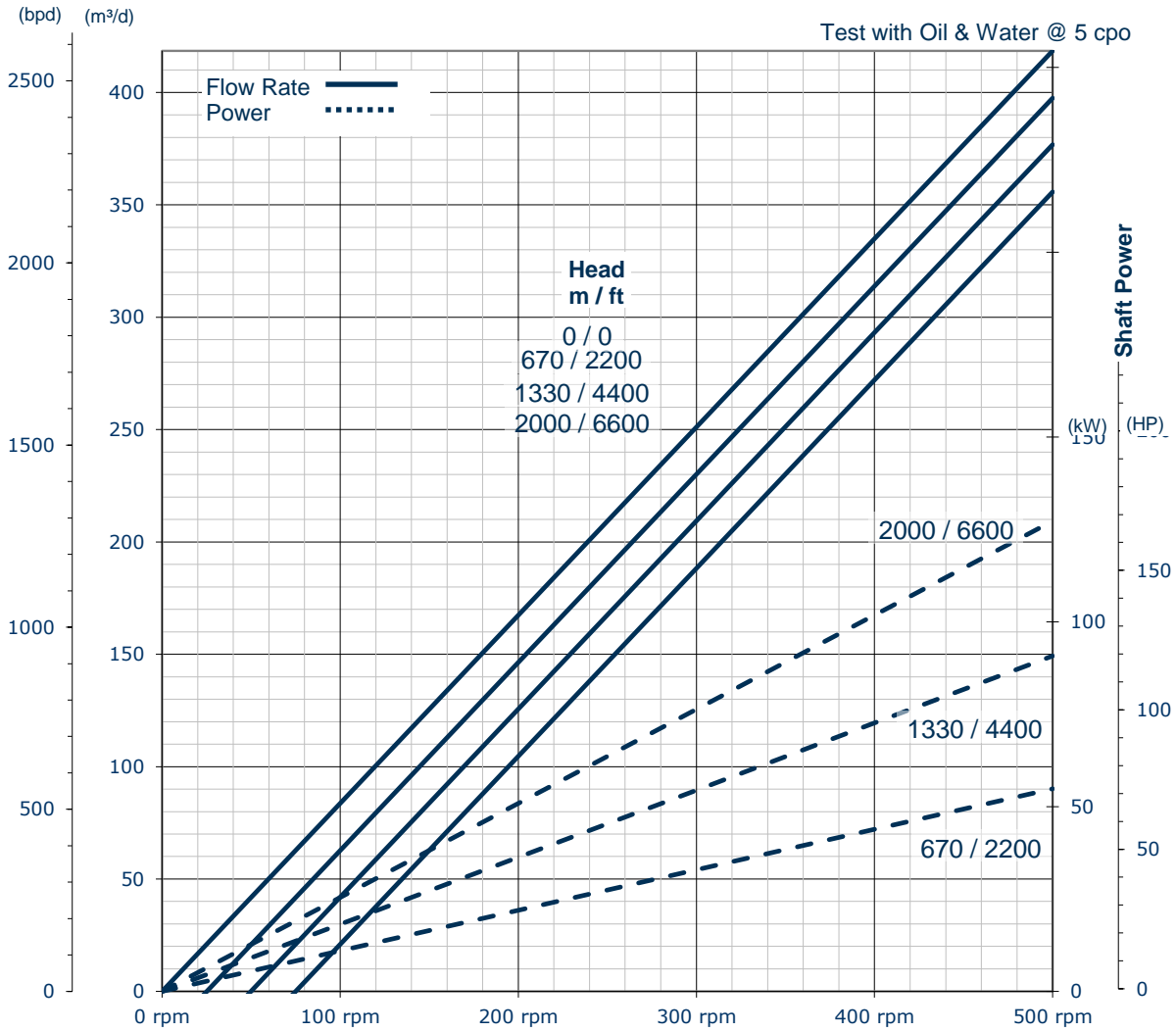
* Depending on rotor fit

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.

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