

Heavy Lift

PCM Moineau™ 9E2000

| Performance | SI | US |
|----------------------------|--------------------------------------|----------------------|
| Nominal displacement | 0.09 m ³ /d/rpm | 0.57 bpd/rpm |
| Pressure rating | 200 bars / 20000 kPa | 2900 psi |
| Pressure per cavity | 5.6 bars / 560 kPa | 80 psi |
| Number of engaged cavities | 36 | |
| Minimum/maximum speed | 50/500 rpm, depending on application | |
| ISO 15136-1 compliance | V3/Q3 - Higher grade upon request | |
| Helix angle | 35.0° | |
| Cavity flow area | 600 mm ² | 0.93 in ² |

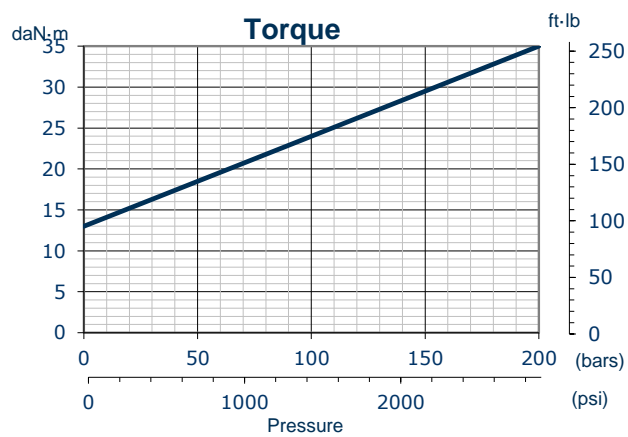
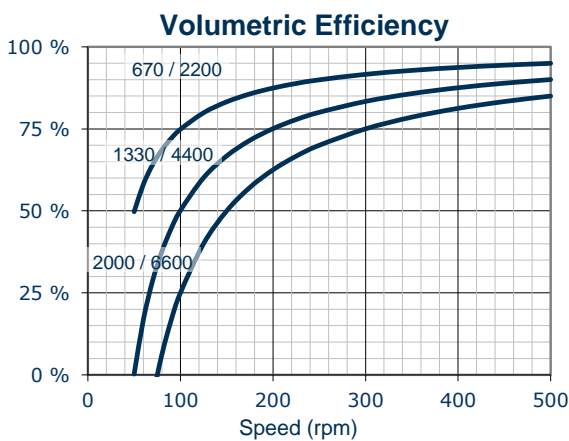
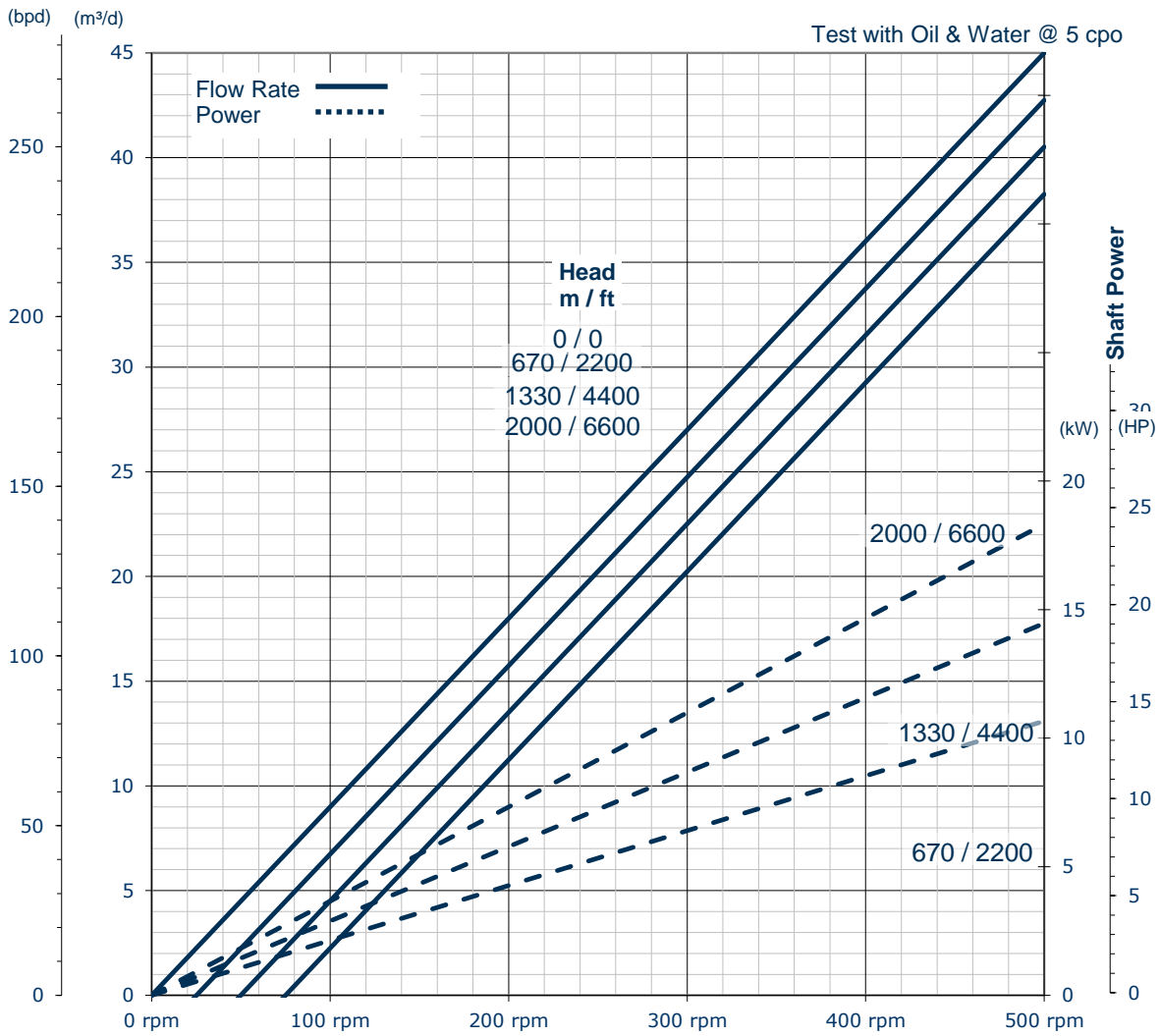
| Stator Specifications | Standard | | Flush | |
|--|---|----------|---|----------|
| | SI | US | SI | US |
| Top connection (API nominal size) | 2 ⁷ / ₈ " (73.0 mm) EUE Box | | 2 ³ / ₈ " (60.3 mm) EUE Box | |
| Bottom connection (API nominal size) | 2 ⁷ / ₈ " (73.0 mm) EUE Pin | | 2 ³ / ₈ " (60.3 mm) EUE Pin | |
| Body outside diameter | 78.6 mm | 3.09" | 77.8 mm | 3.06" |
| 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" | 77.8 mm | 3.06" |
| Length | 4.49 m | 14' 8.9" | 6.54 m | 21' 5.6" |
| Weight | 51 kg | 112 lb | 67 kg | 147 lb |
| Number of elements | 1.5 | | 1.5 | |
| Top bushing or tag bar | Available | | Available | |
| Notes | Includes 6.0 ft pup joint | | | |

| Rotor Specifications | SI | US |
|---|--------------------------|-----------|
| Top connection (nominal size) | 7/8" (22.2 mm) API Pin | |
| Total length | 4.75 m | 15' 7.0" |
| Helix length | 4.54 m | 14' 10.7" |
| Weight | 31 kg | 69 lb |
| Minor diameter | 30.0 mm | 1.181" |
| Major diameter | 40.0 mm | 1.575" |
| Head diameter | 44.0 mm | 1.732" |
| Maximum OD with full size coupling | 46.0 mm | 1.812" |
| Maximum OD with slimhole coupling | 44.0 mm | 1.732" |
| Orbit diameter with full size coupling | 56.0 mm | 2.206" |
| Orbit diameter with slimhole coupling | 54.0 mm | 2.126" |
| 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> |

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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