

PCM X-Bond 60X1800

| Performance | SI | US |
|----------------------------|--------------------------------------|----------------------|
| Nominal displacement | 0.60 m ³ /d/rpm | 3.77 bpd/rpm |
| Pressure rating | 180 bars / 18000 kPa | 2600 psi |
| Pressure per cavity | 6.4 bars / 640 kPa | 90 psi |
| Number of engaged cavities | 28 | |
| Minimum/maximum speed | 50/500 rpm, depending on application | |
| ISO 15136-1 compliance | V3/Q3 - Higher grade upon request | |
| Helix angle | 50.6° | |
| Cavity flow area | 1444 mm ² | 2.24 in ² |

| Stator Specifications | Standard | | Flush | |
|--|---------------------------|----------|-----------------------|----------|
| | SI | US | SI | US |
| Top connection (API nominal size) | 4" (101.6 mm) NUE Box | | 3½" (88.9 mm) EUE Box | |
| Bottom connection (API nominal size) | 4" (101.6 mm) NUE Pin | | 3½" (88.9 mm) EUE Pin | |
| Body outside diameter | 117.0 mm | 4.61" | | |
| Maximum outside diameter | 120.7 mm | 4.75" | 114.3 mm | 4.50" |
| Maximum outside diameter if special clearance couplings are used | N/A | N/A | 106.2 mm | 4.18" |
| Length | 8.64 m | 28' 4.3" | 10.47 m | 34' 4.4" |
| Weight | 295 kg | 650 lb | 316 kg | 698 lb |
| Number of elements | 3 | | 3 | |
| Top bushing or tag bar | Available | | Available | |
| Notes | Includes 6.0 ft pup joint | | | |

| Rotor Specifications | SI | US |
|---|--------------------------|--------------|
| Top connection (nominal size) | 1½" (28.6 mm) API Pin | |
| Total length | 9.25 m | 30' 4.2" |
| Helix length | 9.03 m | 29' 7.5" |
| Weight | 104 kg | 229 lb |
| Minor diameter | 38.0 mm | 1.496" |
| Major diameter | 57.0 mm | 2.244" |
| Head diameter | 57.5 mm | 2.264" |
| Maximum OD with full size coupling | 60.3 mm | 2.375" |
| * Maximum OD with slimhole coupling | 57.5-57.8 mm | 2.264-2.277" |
| Orbit diameter with full size coupling | 79.3 mm | 3.123" |
| * Orbit diameter with slimhole coupling | 76.5-76.8 mm | 3.012-3.025" |
| 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> |

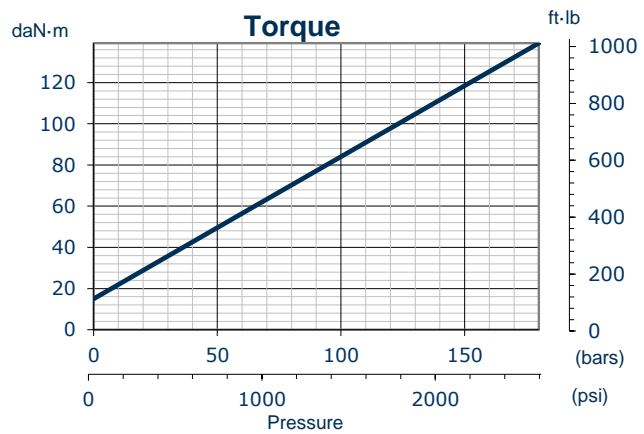
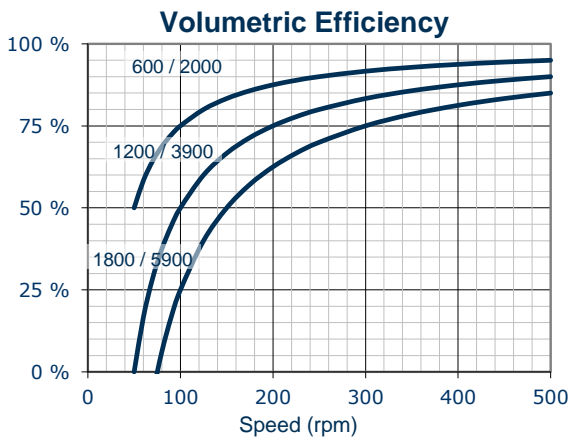
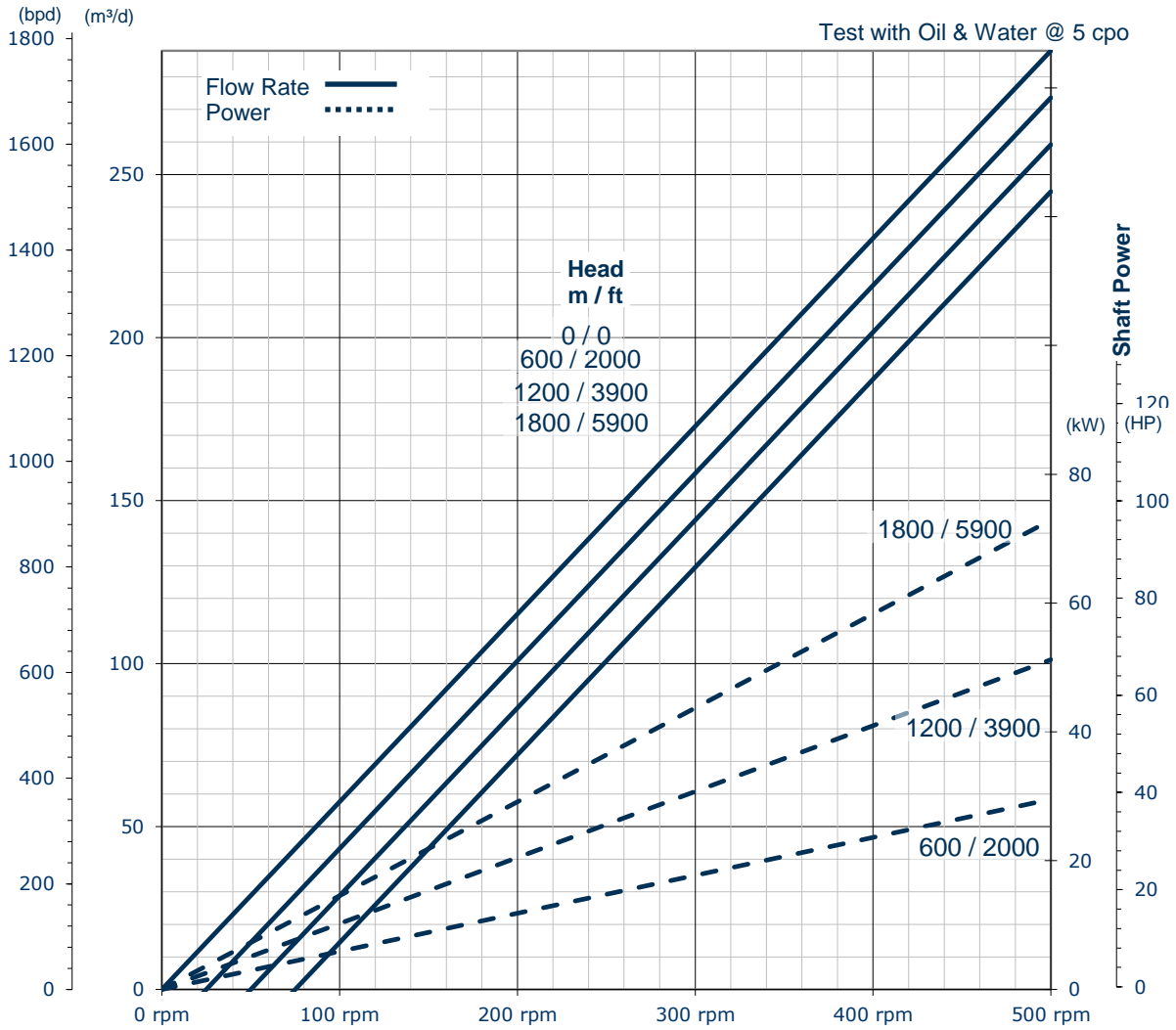
* Depending on rotor fit

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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