

### Heavy Lift

### PCM X-Bond 17X2400

| Performance                | SI                                   | US                   |
|----------------------------|--------------------------------------|----------------------|
| Nominal displacement       | 0.17 m <sup>3</sup> /d/rpm           | 1.07 bpd/rpm         |
| Pressure rating            | 240 bars / 24000 kPa                 | 3500 psi             |
| Pressure per cavity        | 5.7 bars / 570 kPa                   | 80 psi               |
| Number of engaged cavities | 42                                   |                      |
| Minimum/maximum speed      | 50/500 rpm, depending on application |                      |
| ISO 15136-1 compliance     | V3/Q3 - Higher grade upon request    |                      |
| Helix angle                | 31.5°                                |                      |
| Cavity flow area           | 1056 mm <sup>2</sup>                 | 1.64 in <sup>2</sup> |

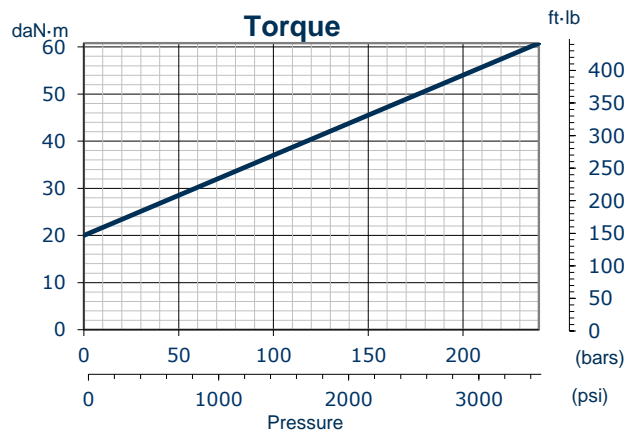
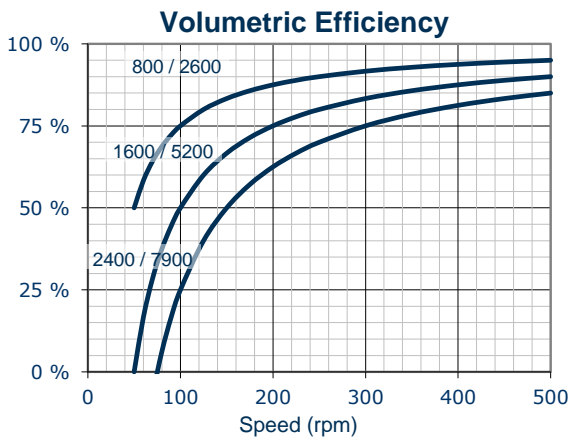
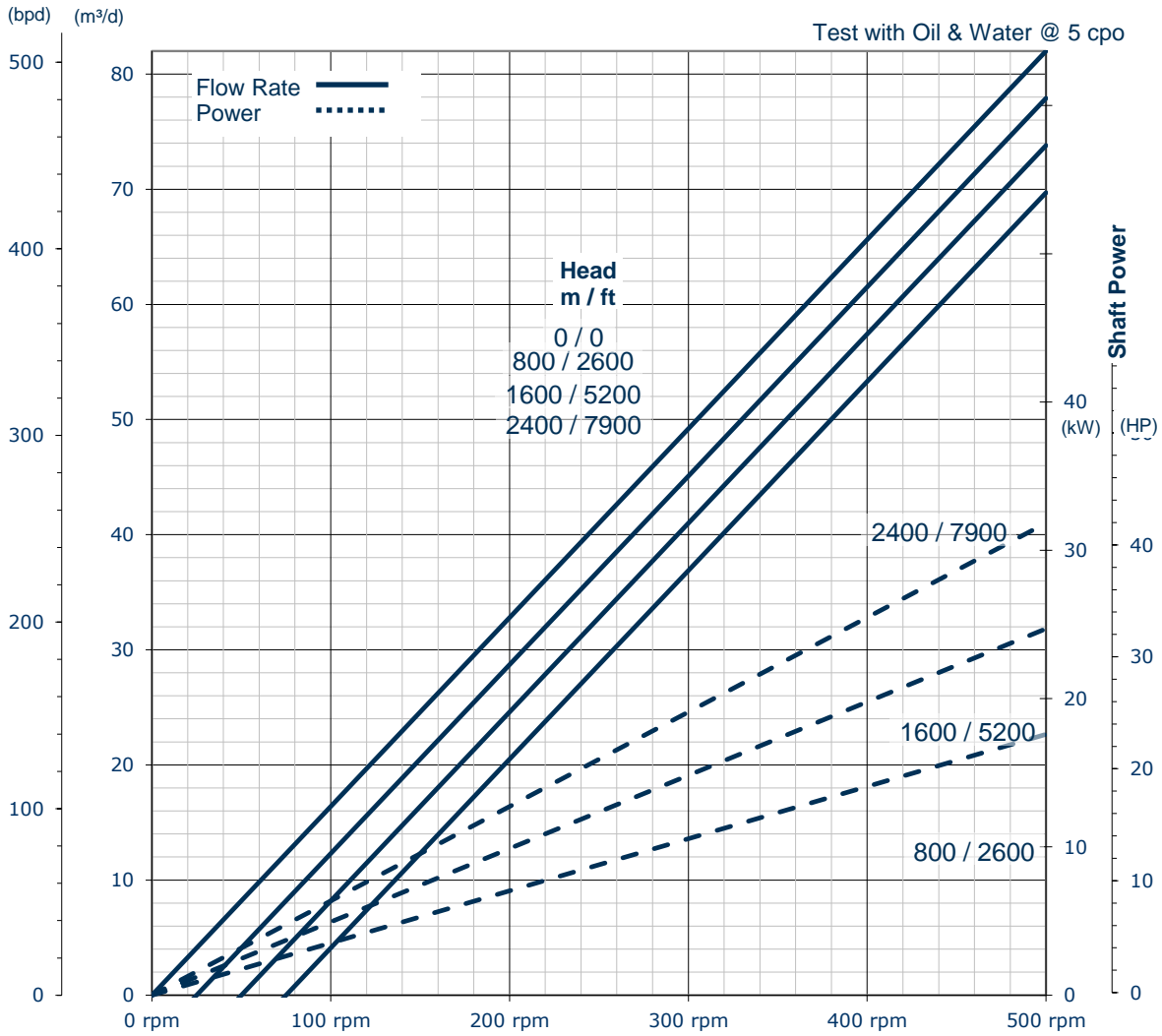
| Stator Specifications  | Standard              |          | Flush                     |          | Slim                      |          |
|--|-----------------------|----------|---------------------------|----------|---------------------------|----------|
|  | SI                    | US       | SI                        | US       | SI                        | US       |
| Top connection (API nominal size)                                | 3½" (88.9 mm) EUE Box |          | 2⅞" (73.0 mm) EUE Box     |          | 2⅞" (73.0 mm) EUE Box     |          |
| Bottom connection (API nominal size)                             | 3½" (88.9 mm) EUE Pin |          | 2⅞" (73.0 mm) EUE Pin     |          | 2⅞" (73.0 mm) EUE Pin     |          |
| Body outside diameter  | 104.0 mm              | 4.09"    | 101.5 mm                  | 4.00"    | 92.0 mm                   | 3.62"    |
| Maximum outside diameter   | 114.3 mm              | 4.50"    | 101.5 mm                  | 4.00"    | 93.2 mm                   | 3.67"    |
| Maximum outside diameter if special clearance couplings are used | 106.2 mm              | 4.18"    | 101.5 mm                  | 4.00"    | 92.0 mm                   | 3.62"    |
| Length   | 5.82 m                | 19' 1.3" | 7.65 m                    | 25' 1.3" | 7.65 m                    | 25' 1.3" |
| Weight   | 79 kg                 | 173 lb   | 98 kg                     | 215 lb   | 12 kg                     | 25 lb    |
| Number of elements   | 2                     |          | 2                         |          | 2                         |          |
| Top bushing or tag bar   | Available             |          | Available                 |          | Available                 |          |
| Notes  |                       |          | Includes 6.0 ft pup joint |          | Includes 6.0 ft pup joint |          |

| Rotor Specifications                    | SI                       | US       |
|---|--------------------------|----------|
| Top connection (nominal size)           | 1" (25.4 mm) API Pin     |          |
| Total length                            | 6.15 m                   | 20' 1.9" |
| Helix length                            | 5.93 m                   | 19' 5.3" |
| Weight                                  | 48 kg                    | 106 lb   |
| Minor diameter                          | 33.0 mm                  | 1.299"   |
| Major diameter                          | 49.0 mm                  | 1.929"   |
| Head diameter                           | 51.0 mm                  | 2.008"   |
| Maximum OD with full size coupling      | 55.6 mm                  | 2.189"   |
| Maximum OD with slimhole coupling       | 51.0 mm                  | 2.008"   |
| Orbit diameter with full size coupling  | 71.6 mm                  | 2.819"   |
| Orbit diameter with slimhole coupling   | 67.0 mm                  | 2.638"   |
| 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>                                 |

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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