

PCM X-Bond 60X1200

Performance	SI	US
Nominal displacement	0.60 m ³ /d/rpm	3.77 bpd/rpm
Pressure rating	120 bars / 12000 kPa	1700 psi
Pressure per cavity	6.7 bars / 670 kPa	100 psi
Number of engaged cavities	18	
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	5.83 m	19' 1.4"	7.66 m	25' 1.5"
Weight	178 kg	392 lb	199 kg	440 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)	1½" (28.6 mm) API Pin	
Total length	6.15 m	20' 1.9"
Helix length	5.93 m	19' 5.3"
Weight	58 kg	128 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>

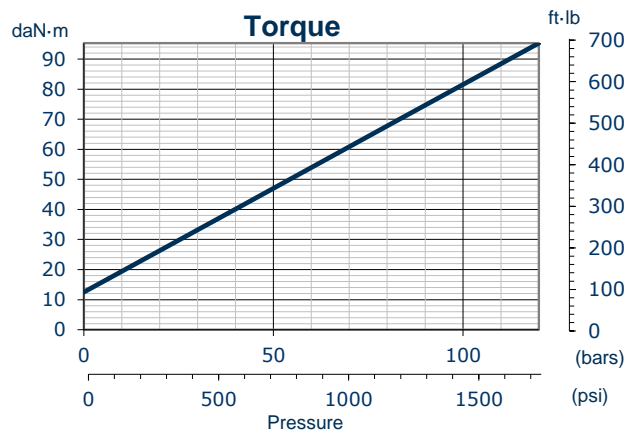
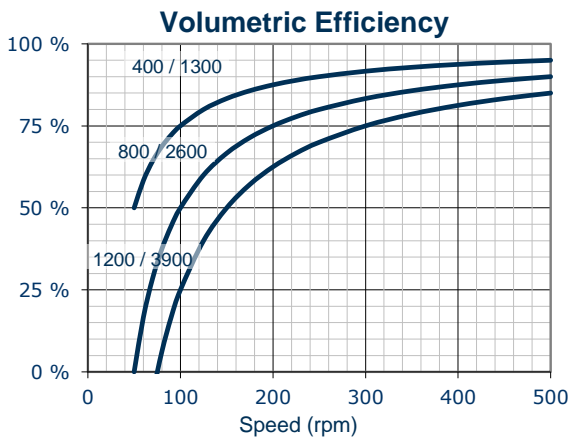
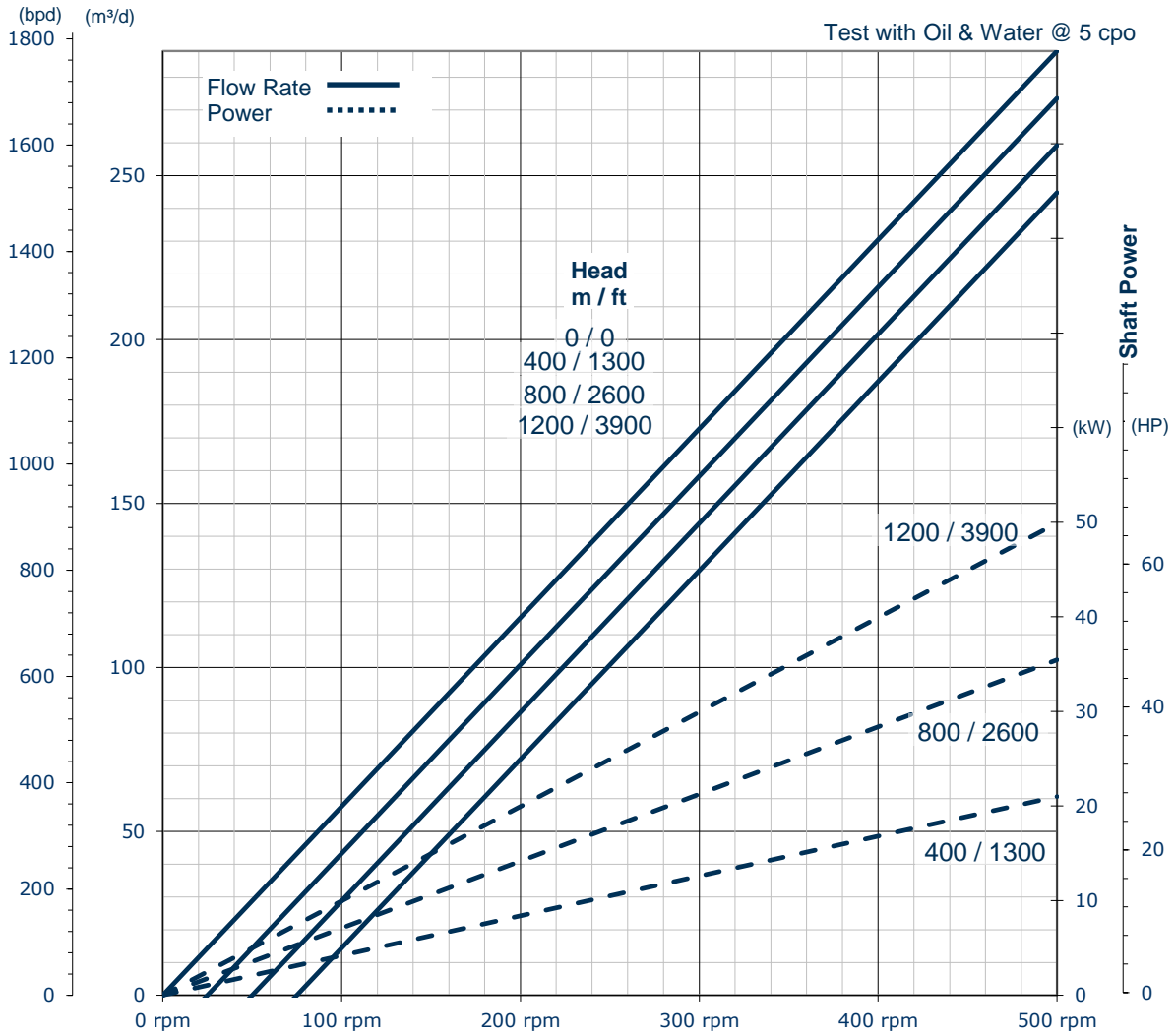
* Depending on rotor fit

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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