

## SELECTING THE PROGRESSING CAVITY PUMP

\* PCM in-house model designation  
**900** Flow in m<sup>3</sup>/d at 0 bar, 500 rpm  
**TP** PCM Moineau™  
**1500** Max Head Capacity in meters of water

Future ISO model designation  
**184** = Flow in m<sup>3</sup>/d at 0 bars, 100 rpm  
**1500** = Max Head Capacity in meters of water

\*\* Real operation conditions  
 flow, motor & rod sizing criteria  
 • Direct connexion to power supply  
 • 0°C < ambient temperature < 40°C  
 • 400 rpm pump rotation speed  
 • An operating head = 2/3rd of max pump head capacity

PCM MOINEAU™ PC Pumps				COMPLETION		REAL OPERATING CONDITIONS**				
SERIES	MODEL*		Rotor API thread	MINIMUM		FLOW RATE		RECOMMENDED		S. ROD SIZE
	PCM	ISO		CASING	TUBING	bpd	m <sup>3</sup> /d	MOTOR POWER kW	HP	
2.3/8" EU	15 TP 1200	3/1200	3/4"	ALL	2.3/8"	76	12	5,5 KW	7,5 HP	3/4"
	15 TP 2400	3/2400	3/4"			76	12	7,5 KW	10 HP	3/4"
	30 TP 600	6/600	3/4"			129	21	5,5 KW	7,5 HP	3/4"
	30 TP 1300	6/1300	3/4"			129	21	7,5 KW	10 HP	3/4"
	30 TP 2000	6/2000	3/4"			129	21	15 KW	20 HP	3/4"
	80 TP 1200	16/1200	3/4"			406	65	15 KW	20 HP	3/4"
	80 TP 1600	16/1600	3/4"			406	65	18,5 KW	25 HP	3/4"
	2.7/8" EU	60 TP 1300	12/1300			7/8"	ALL	2.3/8"	308	49
60 TP 2000		12/2000	1"	308	49	22 KW			30 HP	7/8"
60 TP 2600		12/2600	1"	308	49	30 KW			40 HP	7/8"
100 TP 1200		20/1200	7/8"	517	82	18,5 KW			25 HP	3/4"
100 TP 1800		20/1200	1"	517	82	30 KW			40 HP	7/8"
240 TP 900		48/900	1"	1 140	182	30 KW			40 HP	7/8"
3.1/2" EU	120 TP 2000	24/2000	1"	5.1/2"	2.7/8"	581	93	30 KW	40 HP	7/8"
	120 TP 2600	24/2600	1"			581	93	30 KW	40HP	7/8"
	160 TP 1500	32/1500	1"			760	121	30 KW	40 HP	7/8"
	160 TP 2200	32/2200	1"			760	121	30 KW	40 HP	7/8"
	200 TP 600	40/600	1"			935	149	15 KW	20 HP	3/4"
	200 TP 1200	40/1200	1"			935	149	30 KW	40 HP	7/8"
	200 TP 1800	40/1800	1"			935	149	37 KW	50 HP	7/8"
	300 TP 800	60/800	1"			1 433	228	30 KW	40 HP	7/8"
	300 TP 1210	60/1210	1"			1 433	228	37 kW	50 HP	1"
	4" NU	225 TP 1600	45/1600			1 1/8"	5.1/2"	3.1/2"	1 075	171
225 TP 2400		45/2400	1 1/8"	1 075	171	55 KW			75 HP	1"
300 TP 1200		60/1200	1 1/8"	1 444	230	37 KW			50 HP	7/8"
300 TP 1800		60/1800	1 1/8"	1 444	230	45 KW			60 HP	1"
300 TP 2400		60/2400	1 1/8"	1 444	230	75 KW			100 HP	1.1/8"
400 TP 900		80/900	1 1/8"	1 927	306	37 KW			50 HP	7/8"
400 TP 1350		80/1350	1 1/8"	1 927	306	55 KW			75 HP	1"
400 TP 1800		80/1800	1 1/8"	1 927	306	75 KW			100 HP	1.1/8"
600 TP 600		120/600	1 1/8"	2 865	456	37 KW			50 HP	1"
600 TP 900		120/900	1 1/8"	2 865	456	55 KW			75 HP	1"
600 TP 1200		120/1200	1 1/8"	2 865	456	75 KW			100 HP	1.1/8"
800 TP 600		160/600	1 1/8"	3 819	608	45 KW			60 HP	1"
5" CSG	430 TP 2000	86,3/2000	1 1/8"	6.5/8"	4"	2 063	328	75 KW	100 HP	1.1/8"
	580 TP 1600	116/1600	1 1/8"			2 755	441	75 KW	100 HP	1.1/8"
	750 TP 1200	150/1200	1 1/8"			3 599	570	75 KW	100 HP	1.1/8"
	1000 TP 860	200/860	1 1/8"			5 016	798	75 KW	100 HP	1.1/8"
6.5/8" BUT	900 TP 1500	180/1500	1 1/8" mod	8.5/8"	4.1/2"	4 408	699	90 KW	120 HP	1.1/2"

PCM VULCAIN™ PC Pumps				COMPLETION		REAL OPERATING CONDITIONS**				
SERIES	MODEL*		Rotor API thread	MINIMUM		FLOW RATE		RECOMMENDED		S. ROD SIZE
	PCM	ISO		CASING	TUBING	bpd	m <sup>3</sup> /d	MOTOR POWER kW	HP	
4" NU	400 MET 1000	80 / 1000	1 1/8"	5.1/2"	3.1/2"	1 500	238	55 KW	75 HP	1"
	550 MET 750	110 / 750	1 1/8"			2 100	330	45 KW	60 HP	1"
4.1/2" EU	1100 MET 500	220 / 500	1 1/8"	6.5/8"	4"	4 000	635	75 KW	100 HP	1.1/8"