

Progressing Cavity Pumps

Progressing Cavity Pump Specifications - Imperial

PUMP		ROTOR				STATOR						PUMP			REFERENCE
Pump Series bpd/100rpm -ft of lift	Actual Displacement bpd/100rpm -ft of lift	Drift Dia. in (a)	Orbit Dia. in	Length in (b)	Pin Connection in (c)	Tube OD in (d)	Max OD (Fittings) in (e)	Length (No tag bar) in (f)	Stator Tube Connections in (g)	Tagbar Threads (Intake) in (h)	Standard Tagbar Length in (i)	Min Tubing Size (Threaded) in	Min Tubing Size (Threaded) in	Available Options	Metric m3/ Day/100rpm - m of lift
006-2500 006-5000 006-7500 006-10000	8.2	1.25 (H) ⊙	1.40	44.6 85.2 125.0 165.5	5/8 API	2.38	2.91	39.7 80.3 120.0 160.6	2 3/8 NUE Pin	2 3/8 EUE Pin	7.25	2 3/8	4 1/2		1-750 1-1500 1-2250 1-3000
010-2500 010-5000 010-7500	10.1	1.25 (H) ⊙	1.43	44.8 85.5 125.4	5/8 API	2.38	2.91	39.9 80.6 120.5	2 3/8 NUE Pin	2 3/8 EUE Pin	7.25	2 3/8	4 1/2		2-750 2-1500 2-2250
015-2000 015-4000 015-6000 015-8000	16.3	1.25 ⊙	1.46	44.8 85.5 125.4 166.1	5/8 API	2.38	2.91	39.9 80.6 120.5 161.2	2 3/8 NUE Pin	2 3/8 EUE Pin	7.25	2 3/8	4 1/2		3-600 3-1200 3-1800 3-2400
025-2500 025-4000 025-5000 025-6250 025-8000 025-10000	26.9	1.44 (H) ⊙	1.66	60.2 86.5 115.6 142.8 170.3 225.7	3/4 API	2.75	2.91	54.6 81.0 110.1 137.3 164.8 220.2	2 3/8 NUE Pin	2 3/8 EUE Pin	7.25	2 3/8	4 1/2	SH1	4-750 4-1200 4-1500 4-1875 4-2400 4-3000
044-2300 044-3500 044-4600 044-5750 044-6900	43.8	1.50 (H) ⊙	1.77	113.6 162.6 211.7 260.7 309.8	3/4 API	2.25	2.25	125.0 174.1 223.1 272.2 321.3	2.0 ACME Box (Top) x 1.6 EUE Box (Bottom) w/ 23.6" Orbit Tube	1.9 NUE Pin	16	2 3/8	2 7/8		6-700 6-1050 6-1400 6-1750 6-2100
045-2500 045-4000 045-5400 045-6000 045-8000 045-10000	55.6	1.63 (H) ⊙	1.92	87.2 134.6 166.8 198.8 263.7 327.9	7/8 API	2.75	2.91	81.5 129.0 161.1 193.2 258.1 322.3	2 3/8 EUE Pin	2 3/8 EUE Pin	7.25	2 3/8	4 1/2	SH1	7-750 7-1200 7-1600 7-1800 7-2400 7-3000
056-5000 056-7500	49.7	2.10 (M) ⊙	2.48	92.9 132.1	7/8 API	3.75	4.19	79.0 118.2	3 1/2 EUE Pin	3 1/2 EUE Pin	16	2 7/8	5 1/2	PDL	8-1500 8-2250
060-2650 060-4000 060-5300	59.1	1.25 (H) ⊙	1.56	150.4 220.5 290.6	5/8 API	2.25		184.3 254.4 324.5	1.9 ACME Box w/ 43.3" Orbit Tube	1.9 ACME Pin	16	2 3/8	2 7/8		9-800 9-1200 9-1600
065-2500 065-4000 065-5000 065-6000 065-8000 065-10000 065-12500	61.5	1.90 (M) ⊙	2.20	80.4 115.9 147.9 181.1 216.1 282.0 348.6	7/8 API	3.50	4.19	66.5 102.0 134.0 167.2 200.6 268.1 334.6	3 1/2 NUE Pin	2 7/8 EUE Pin	16	2 7/8	4 1/2	SH2	10-750 10-1200 10-1500 10-1800 10-2400 10-3000 10-3750
067-4000 067-6000	64.5	2.10 (M) ⊙	2.48	89.5 127.4	1 API	3.75	4.19	75.0 113.0	3 1/2 EUE Pin	3 1/2 EUE Pin	16	2 7/8	4 1/2	PDL	11-1200 11-1800
090-2300 090-3400 090-4600 090-6000 090-6900 090-9000	97.3	1.91 (M) ⊙	2.35	103.5 147.6 193.9 238.6 283.6 374.0	7/8 API	3.50	4.19	89.6 133.7 180.0 224.7 269.7 360.1	3 1/2 NUE Pin	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH2	15-700 15-1050 15-1410 15-1800 15-2100 15-2800
094-2000 HTL 094-4000 HTL 094-6000 HTL 094-8000 HTL 094-10000 HTL 094-12000 HTL	105.7	1.91 (M) ⊙	2.31	106.9 200.0 293.0 386.0 479.2 572.2	7/8 API	4.25		100.2 193.3 286.3 379.4 472.5 565.6	2 7/8 EUE Box	2 7/8 EUE Pin	16	2 7/8	5 1/2		16-600 HTL 16-1200 HTL 16-1800 HTL 16-2400 HTL 16-3000 HTL 16-3600 HTL
095-2500 095-4000 095-5000 095-6000 095-8000 095-10000 095-12000	105.7	1.91 (M) ⊙	2.31	106.9 153.9 200.0 223.6 294.0 363.7 434.1	7/8 API	3.50	4.19	93.0 140.0 186.0 209.7 280.1 349.8 420.2	3 1/2 NUE Pin	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH2	17-750 17-1200 17-1500 17-1800 17-2400 17-3000 17-3600

Progressing Cavity Pumps

Progressing Cavity Pump Specifications - Imperial

PUMP		ROTOR				STATOR							PUMP			REFERENCE
Pump Series bpd/100rpm -ft of lift	Actual Displacement bpd/100rpm -ft of lift	Drift Dia. in (a)	Orbit Dia. in	Length in (b)	Pin Connection in (c)	Tube OD in (d)	Max OD (Fittings) in (e)	Length (No tag bar) in (f)	Stator Tube Connections in (g)	Tagbar Threads (Intake) in (h)	Standard Tagbar Length in (i)	Min Tubing Size (Threaded) in	Min Tubing Size (Threaded) in	Available Options	Metric m3/Day/100rpm - m of lift	
131-1450 131-2150 131-2900 131-3600 131-4350 131-5100 131-7200	131.9	1.63 (H) ⊙	2.06	114.0 162.7 212.0 267.0 310.1 358.7 506.1	7/8 API	2.76		126.0 174.6 223.9 272.7 322.0 370.7 518.1	2.2 EUE Box (Custom) w/ 23.6" Orbit Tube	1.9 EUE Pin (Welded)	22	2 3/8	3 1/2		21-440 21-660 21-880 21-1100 21-1320 21-1540 21-2200	
135-5000 ML 135-7500 ML 135-10000 ML	143.7	1.63 (H) ⊙	2.06	145.7 215.3 285.7	7/8 API	2.75	3.51	140.0 209.7 280.1	2 3/8 EUE Pin	2 7/8 EUE Pin	7.25	2 3/8	4 1/2	SH1	22-1500 ML 22-2250 ML 22-3000 ML	
144-2500 144-4000 144-5000 144-6250 144-8000 144-10000 144-12000	142.1	2.03 (M) ⊙	2.63	106.4 141.4 191.4 235.4 268.5 368.5 395.5	1 API	3.75	4.19	92.0 127.0 177.0 221.0 254.1 354.1 381.1	3 1/2 EUE Pin	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH3	23-750 23-1200 23-1500 23-1875 23-2400 23-3000 23-3600	
150-2000 150-3000 150-4000 150-5000 150-6000 150-7000	149.5	1.79 (M) ⊙	2.36	115.7 168.8 221.3 274.1 327.2 379.7	7/8 API	3.50		105.1 158.3 210.8 263.5 316.7 369.2	2 7/8 EUE Box	2 7/8 EUE Pin	16	2 7/8	4 1/2		24-600 24-900 24-1200 24-1500 24-1800 24-2100	
170-2600 170-4000 170-5300 170-6700 170-8000 170-10500 170-13400	164.9	2.23 (M)	2.78	105.0 149.9 195.5 240.5 286.3 376.8 467.4	1 API	3.75	4.19	90.6 135.5 181.1 226.1 271.9 362.4 453.0	3 1/2 EUE Pin	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH3	27-800 27-1200 27-1600 27-2000 27-2400 27-3200 27-4000	
200-2000 200-3000 200-4000 200-5000 200-6000 200-7000	187.2	2.27 (M)	2.80	121.6 175.7 229.2 282.9 337.1 390.5	1 API	4.52		107.1 161.3 214.8 268.5 322.7 376.1	3 1/2 EUE Box	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH4 SH4 or HTL SH4 SH4 or HTL SH4	32-600 32-900 32-1200 32-1500 32-1800 32-2100	
205-2500 205-4000 205-5000 205-6500 205-8000	211.2	1.89 (M) ⊙	2.29	187.9 274.6 362.0 448.7 536.1	7/8 API	3.50	4.19	174.0 260.7 348.1 434.8 522.2	3 1/2 EUE Pin	2 7/8 EUE Pin	16	2 7/8	5 1/2	SH2	33-750 33-1200 33-1500 33-1900 33-2400	
245-2500 245-3750 245-5000 245-6250	241.4	1.80 (M) ⊙	2.37	183.3 269.4 356.2 442.3	7/8 API	3.50		172.8 258.9 345.6 431.8	2 7/8 EUE Box	2 7/8 EUE Pin	16	2 7/8	4 1/2		39-750 39-1125 39-1500 39-1875	
250-2500 ML 250-4000 ML 250-5000 ML	260.0	1.63 (H) ⊙	1.88	145.7 215.3 285.7	7/8 API	2.75	3.51	140.0 209.7 280.1	2 3/8 EUE Pin	2 7/8 EUE Pin	7.25	2 7/8	4 1/2	SH1	40-750 ML 40-1200 ML 40-1500 ML	
275-3300 275-5000 275-6700 275-8350 275-10000	269.3	2.25 (M)	2.79	202.4 296.1 390.5 484.2 578.6	1 API	3.75	4.19	188.0 281.7 376.1 469.8 564.2	3 1/2 EUE Pin	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH3	44-1000 44-1500 44-2000 44-2500 44-3000	
280-2650 HTL 280-4000 HTL 280-5400 HTL 280-3000 HTL	269.3	2.25 (M)	2.79	107.2 200.0 292.8 385.6	1 API	4.50		100.8 193.6 286.4 379.2	3 1/2 EUE Box	3 1/2 EUE Pin	16	2 7/8	5 1/2		45-400 HTL 45-800 HTL 45-1200 HTL 45-1600 HTL	
295-2500 295-3750 295-5000 295-6250 295-7500	277.4	2.20 (M)	2.91	165.9 241.3 317.5 392.9 469.1	1 API	4.52		151.5 226.9 303.1 378.5 454.7	3 1/2 EUE Box	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH4 or HTL SH4 SH4 or HTL SH4 SH4 or HTL	47-750 47-1125 47-1500 47-1875 47-2250	

Progressing Cavity Pumps

Progressing Cavity Pump Specifications - Imperial

PUMP		ROTOR				STATOR							PUMP			REFERENCE
Pump Series bpd/100rpm -ft of lift	Actual Displacement bpd/100rpm -ft of lift	Drift Dia. in (a)	Orbit Dia. in	Length in (b)	Pin Connection in (c)	Tube OD in (d)	Max OD (Fittings) in (e)	Length (No tag bar) in (f)	Stator Tube Connections in (g)	Tagbar Threads (Intake) in (h)	Standard Tagbar Length in (i)	Min Tubing Size (Threaded) in	Min Tubing Size (Threaded) in	Available Options	Metric m3/Day/100rpm - m of lift	
340-2000 340-3000 340-4000 340-5000 340-6000	322.1	2.30 (M)	2.85	175.7 256.0 337.1 417.4 498.5	1 API	4.52		161.3 241.6 322.7 403.0 484.1	3 1/2 EUE Box	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH4 or HTL SH4 SH4 or HTL SH4 SH4 or HTL	54-600 54-900 54-1200 54-1500 54-1800	
400-2000 400-3000 400-4000 400-5000 400-6000	417.9	2.24 (M)	2.74	191.4 279.6 368.5 456.6 545.5	1 API	4.50		177.0 265.2 354.1 442.2 531.1	3 1/2 EUE Box	3 1/2 EUE Pin	16	2 7/8	5 1/2		64-600 64-900 64-1200 64-1500 64-1800	
440-3000 440-4450 440-6000	430.8	2.62 (M)	3.37	191.4 279.6 368.5	1 1/8 API	4.52		204.0 292.2 381.1	3 1/2 EUE Box w/ 23.6" Orbit Tube	3 1/2 EUE Box	16	3 1/2	5 1/2		70-900 70-1350 70-1800	
495-660 HTL 495-2650 HTL 495-3300 HTL 495-4000 HTL	502.1	2.22 (M)	2.78	104.9 376.6 467.2 557.8	1 API	4.50		98.5 370.2 460.8 551.4	3 1/2 EUE Box	3 1/2 EUE Pin	16	3 1/2	5 1/2		74-200 HTL 74-800 HTL 74-1000 HTL 74-1200 HTL	
500-1700 500-2500 500-3300 500-4200 500-5000	502.1	2.22 (M)	2.78	202.4 296.1 390.5 484.2 578.6	1 API	3.75	4.19	188.0 281.7 376.1 469.8 564.2	3 1/2 EUE Pin	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH3	75-500 75-750 75-1000 75-1250 75-1500	
505-2650 505-3200 505-4000 505-5300 505-6000	495.8	2.58 (M)	3.35	191.4 235.3 279.6 368.5 412.4	1 1/8 API	4.52		204.0 247.9 292.2 381.1 425.0	3 1/2 EUE Box w/ 23.6" Orbit Tube	3 1/2 EUE Pin	16	3 1/2	5 1/2		80-800 80-1000 80-1200 80-1600 80-1800	
600-1750 600-2650 600-3500 600-4300 600-5250	569.2	2.29 (M)	3.03	191.4 279.6 368.5 456.7 545.6	1 API	4.52		201.0 289.2 378.1 466.3 555.2	3 1/2 EUE Box w/ 23.6" Orbit Tube	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH5 or HTL SH5 SH5 or HTL SH5 SH5 or HTL	96-520 96-800 96-1040 96-1300 96-1560	
615-2600 615-4000 615-5270 615-6000	598.6	2.9 (M)	3.85	198.3 285.6 373.5 417.0	2 3/8 Pac	5.52		175.1 262.4 350.3 393.8	4 1/2 EUE Box	4 1/2 EUE Pin	36	4 1/2	N/A		98-790 98-1200 98-1580 98-1800	
685-1300 685-2650 685-3200 685-4000	704.9	2.25 (M)	2.81	202.4 390.5 484.2 578.6	1 API	3.75	4.19	188.0 376.1 469.8 564.2	3 1/2 EUE Pin	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH3	110-400 110-800 110-1000 110-1200	
690-2650 690-4000 690-5300 690-6000	653.0	2.97 (M)	3.98	198.3 285.6 373.5 417.0	2 3/8 Pac	5.52		175.1 262.4 350.3 393.8	4 1/2 EUE Box	4 1/2 EUE Pin	36	4	N/A		111-800 111-1200 111-1600 111-1800	
755-1350 755-2000 755-2650 755-3300 755-4000	731.3	2.27 (M)	3.01	191.4 279.6 368.5 456.7 545.6	1 API	4.52		201.0 289.2 378.1 466.3 555.2	3 1/2 EUE Box w/ 23.6" Orbit Tube	3 1/2 EUE Pin	16	2 7/8	5 1/2	SH5 or HTL SH5 SH5 or HTL SH5 SH5 or HTL	120-400 120-600 120-800 120-1000 120-1200	
785-2500 ML 785-4000 ML 785-5000 ML	805.8	2.23 (M)	2.60	202.4 296.1 390.5	1 API	3.75	4.19	188.0 281.7 376.1	3 1/2 EUE Pin	2 7/8 EUE Pin	16	2 7/8	4 1/2	SH3	125-750 ML 125-1200 ML 125-1500 ML	
820-2150 820-4300 820-5380 820-6450	823.6	2.91 (M)	3.96	198.3 373.5 460.7 548.7	2 3/8 Pac	5.52		175.1 350.3 437.5 525.5	4 1/2 EUE Box	4 1/2 EUE Pin	36	4	N/A		130-650 130-1300 130-1625 130-1950	
950-1200 950-2400 950-3000 950-3600	971.7	2.41 (M)	3.08	205.9 397.5 493.0 589.1	1 API	4.50		199.5 391.1 486.6 582.7	3 1/2 EUE Box	3 1/2 EUE Pin	16	3 1/2	5 1/2		150-360 150-720 150-900 150-1100	

Progressing Cavity Pumps

Progressing Cavity Pump Specifications - Imperial

PUMP		ROTOR				STATOR							PUMP			REFERENCE
Pump Series	Actual Displacement bpd/100rpm -ft of lift	Drift Dia. in (a)	Orbit Dia. in	Length in (b)	Pin Connection in (c)	Tube OD in (d)	Max OD (Fittings) in (e)	Length (No tag bar) in (f)	Stator Tube Connections in (g)	Tagbar Threads (Intake) in (h)	Standard Tagbar Length in (i)	Min Tubing Size (Threaded) in	Min Tubing Size (Threaded) in	Available Options	Metric m3/ Day/100rpm - m of lift	
975-500 HTL 975-1500 HTL 975-2000 HTL 975-2500 HTL 975-3000 HTL	971.7	2.41 (M)	3.08	109.4 299.6 394.6 489.7 584.8	1 API	4.50		103.0 293.2 388.2 483.3 578.4	3 1/2 EUE Box	3 1/2 EUE Pin	16	3 1/2	5 1/2		155-150 HTL 155-450 HTL 155-600 HTL 155-750 HTL 155-900 HTL	
1030-3000 1030-4500 1030-6000	1006.4	3.98 (M)	5.05	227.3 327.3 427.9	2 7/8 Pac	6.63	7.01	200.5 300.5 401.1	6 5/8 BTC Pin	6 5/8 BTC Pin	36	5 1/2	N/A		165-900 165-1350 165-1800	
1260-3000 1260-4500 1260-6000	1229.9	4.33 (M)	5.44	227.3 327.3 427.9	2 7/8 Pac	7.01	7.67	200.5 300.5 401.1	7 LTC Pin	6 5/8 BTC Pin	36	5 1/2	N/A		200-900 200-1350 200-1800	
1300-2000 1300-3000 1300-4000 1300-5000	1318.4	3.75 (H)	5.05	210.6 302.6 395.2 487.1	2-8 UN 2A	6.63	7.40	184.5 276.4 369.1 461.0	6 5/8 BTC Pin	6 5/8 BTC Pin	36	4 1/2	N/A		206-600 206-900 206-1200 206-1500	
2100-2100 2100-4260 2100-5300	2055.4	4.05 (M)	5.40	224.1 422.2 521.0	2 1/4 SA2G	7.00	7.40	198.0 396.1 494.9	7 LTC Pin	6 5/8 LTC Pin	36	5 1/2	N/A		334-640 334-1280 334-1600	
520-2000 MTM 520-4000 MTM	538.7	3.19 (M)	4.25	127.8 238.7	1 API	5.00	5.57	110.5 221.0	5 LTC pin	4 1/2 EUE Pin	20	4 1/2	N/A		82-600 MTM 82-1200 MTM	
700-2000 MTM 700-4000 MTM	726.7	3.58 (M)	4.79	127.6 238.5	1 API	5.56	6.06	110.1 221.0	5 1/2 LTC Pin	4 1/2 EUE Pin	20	4 1/2	N/A		112-600 MTM 112-1200 MTM	
1370-2200 MTM	1890.2	3.58 (M)	4.79	239.4	1 1/8 API	5.56	6.06	221.0	5 1/2 LTC Pin	4 1/2 EUE Pin	20	4 1/2	N/A		218-700 MTM	
1900-1600 MTM	1890.2	3.58 (M)	4.79	239.4	1 1/8 API	5.56	6.06	221.0	5 1/2 LTC Pin	4 1/2 EUE Pin	20	4 1/2	N/A		300-510 MTM	

Notes:

- SH 1: Slim Hole. Stator maximum OD becomes 2.75", 48" long orbit tube added, stator tube threads become 2 3/8" NUE Box, tagbar intake thread becomes 2 3/8" NUE Pin, OAL increases by 48". Insertable in 3.5" tubing.
- SH 2: Slim Hole. Stator maximum OD becomes 3.5", stator tube threads become 2 7/8" EUE Box, tagbar intake thread becomes 2 7/8" EUE Pin, OAL increases by 7". Insertable in 4.5" tubing.
- SH 3: Slim Hole. Stator maximum OD becomes 3.75", 48" long orbit tube added, stator tube threads become 2 7/8" EUE Box, tagbar intake thread becomes 2 7/8" EUE Pin, OAL increases by 53". Insertable in 4.5" tubing.
- SH 4: Slim Hole. Stator maximum OD becomes 3.82", 22" long orbit tube added, stator tube threads become 2 7/8" EUE Box, tagbar intake thread becomes 2 7/8" EUE Pin, OAL increases by 29". Insertable in 5.5" tubing.
- SH 5: Slim Hole. Stator maximum OD becomes 3.82", orbit tube length reduced by 2", stator tube threads become 2 7/8" EUE Box, tagbar intake thread becomes 2 7/8" EUE Pin, OAL increased by 5". Insertable in 5.5" tubing.
- 3 1/2" NUE Pin: Available on stator tubes with a standard 2 7/8" EUE Box. Stator OAL unchanged. (Model 150 & 245)
- 4 1/2" LTC Pin: Available on stator tubes with a standard 3 1/2" EUE Box. Stator OAL unchanged. (Model 200, 280, 295, 340, 400, 440, 495, 500, 505, 600, 755, 950 & 955)
- 5 1/2" LTC Pin: Available on stator tubes with a standard 4 1/2" EUE Box. Stator OAL unchanged. (Model 615, 690 & 820)

Coilable: 3/4" coiled tubing can drift past the rotor inside 3 1/2" tubing @ 9.30 lb/ft
(M) & (H): Largest portion of the rotor used to determine the Drift Diameter. M - Rotor Major H - Rotor Head
PDL: Paddle Rotor. Rotor and tagbar length both increase by 23"

HTL: High Temperature Lock. These pumps are equipped with a mechanically secured metal cage inside the stator to ensure bond integrity at high temperatures.

ML: Multilobe. These pumps have a 2:3 rotor/stator geometric configuration.

MTM: Metal-To-Metal. These pumps have an all metal stator and contain no elastomer.

