

Hydra PHD Output RPM



Motor Efficiency: 90%

Hydra Bed Pump
Displacement

1.27

Nichols 111A-164-ASO motor
(1993 to Sep 2006)

Displacement:

16.4

Char-Lynn PH 104-1035 motor (Oct
2006 to Present) Displacement:

18.7

Hydra Bed Pump RPM	Pump Flow in GPM	Early Hydra PHD RPM	Current Hydra PHD RPM
500	2.7	35	31
600	3.3	42	37
700	3.8	49	43
800	4.4	56	49
900	4.9	63	55
1000	5.5	70	61
1100	6.0	77	67
1200	6.6	84	73
1300	7.1	91	79
1400	7.7	98	86
1500	8.2	105	92
1600	8.8	112	98
1700	9.3	118	104
1800	9.9	125	110
1900	10.4	132	116
2000	11.0	139	122
2100	11.5	146	128
2200	12.1	153	134
2300	12.6	160	141
2400	13.2	167	147
2500	13.7	174	153
2600	14.3	181	159
2700	14.8	188	165
2800	15.4	195	171
2900	15.9	202	177
3000	16.5	209	183
3100	17.0	216	189

3200	17.6	223	196
3300	18.1	230	202
3400	18.7	237	208
3500	19.2	244	214
3600	19.8	251	220
3700	20.3	258	226
3800	20.9	265	232
3900	21.4	272	238
4000	22.0	279	244