



Curve No. 2846402

| Pump Model | Pump Speed RPM | Minimum Flow US GPM | Mean Flow US GPM | Maximum Flow US GPM | Maximum Head Feet Per Stage | Impeller No | Best Efficiency Point % | Min Stages | Max Stages |
|------------|----------------|---------------------|------------------|---------------------|-----------------------------|-------------|-------------------------|------------|------------|
| 10PL | 1760 | 1550 | 1789 | 2028 | 12.8 | T84484 | 76.8 | 1 | 1 |
| 12PL | 1760 | 2564 | 2743 | 2922 | 12.2 | T84483 | 77.7 | 1 | 1 |
| 14PL | 1760 | 6151 | 6599 | 7047 | 22.2 | T84477 | 78.8 | 1 | 1 |
| 10PL | 1180 | 812 | 1050 | 1288 | 6.7 | T84484 | 77.6 | 1 | 1 |
| 12PL | 1180 | 1357 | 1774 | 2190 | 8.8 | T84483 | 78.1 | 1 | 1 |
| 14PL | 1180 | 3899 | 4424 | 4949 | 13.1 | T84477 | 81.3 | 1 | 1 |
| 16PL | 1180 | 5470 | 6151 | 6832 | 14.2 | T84393 | 84.3 | 1 | 1 |
| 18PL | 1180 | 6406 | 7557 | 8708 | 17.6 | T83846 | 83.3 | 1 | 1 |
| 20PL | 1180 | 13261 | 14359 | 15456 | 22.8 | T83730 | 81.7 | 1 | 1 |
| 10PL | 885 | 609 | 788 | 966 | 3.8 | T84484 | 77.7 | 1 | 1 |
| 12PL | 885 | 1018 | 1331 | 1643 | 4.9 | T84483 | 78.1 | 1 | 1 |
| 14PL | 885 | 2603 | 3207 | 3810 | 8.1 | T84477 | 82.6 | 1 | 1 |
| 16PL | 885 | 3674 | 4444 | 5213 | 10.3 | T84393 | 84.3 | 1 | 1 |
| 18PL | 885 | 5271 | 6456 | 7640 | 12.3 | T83846 | 84.6 | 1 | 1 |
| 20PL | 885 | 12182 | 12365 | 12548 | 15.1 | T83730 | 84.8 | 1 | 1 |
| 24PL | 885 | 14999 | 16214 | 17428 | 16.7 | T83219 | 82.8 | 1 | 1 |
| 30PL | 885 | 22915 | 25192 | 27469 | 23.5 | T83507 | 81.7 | 1 | 1 |
| 18PL | 705 | 4199 | 5143 | 6086 | 7.8 | T83846 | 84.6 | 1 | 1 |
| 20PL | 705 | 7733 | 9419 | 11105 | 11.7 | T83730 | 85.0 | 1 | 1 |
| 24PL | 705 | 13162 | 13804 | 14445 | 11.9 | T83219 | 84.3 | 1 | 1 |

Preliminary Selection Table
 PL Hydrofoil Pumps
 60 Hertz Speeds

| Pump Model | Pump Speed RPM | Minimum Flow US GPM | Mean Flow US GPM | Maximum Flow US GPM | Maximum Head Feet Per Stage | Impeller No | Best Efficiency Point % | Min Stages | Max Stages |
|------------|----------------|---------------------|------------------|---------------------|-----------------------------|-------------|-------------------------|------------|------------|
| 30PL | 705 | 20067 | 21679 | 23291 | 15.5 | T83507 | 84.7 | 1 | 1 |
| 36PL | 705 | 28784 | 32991 | 37198 | 21.9 | T83208 | 82.5 | 1 | 1 |
| 30PL | 585 | 16637 | 18615 | 20592 | 13.1 | T83507 | 85.5 | 1 | 1 |
| 36PL | 585 | 24070 | 27060 | 30050 | 15 | T83208 | 84.7 | 1 | 1 |
| 42PL | 585 | 41494 | 44819 | 48144 | 18.3 | T83303 | 83.0 | 1 | 1 |
| 30PL | 505 | 14362 | 16069 | 17776 | 9.7 | T83507 | 85.5 | 1 | 1 |
| 36PL | 505 | 24322 | 27236 | 30149 | 13.5 | T83208 | 85.7 | 1 | 1 |
| 42PL | 505 | 32162 | 37072 | 41982 | 16.4 | T83303 | 84.2 | 1 | 1 |
| 42PL | 440 | 30203 | 35845 | 41486 | 14 | T83303 | 86.0 | 1 | 1 |
| 48PL | 440 | 57217 | 57217 | 57217 | 16 | T84291 | 84.3 | 1 | 1 |
| 54PL | 440 | 74649 | 78444 | 82239 | 20.5 | V2365 | 83.6 | 1 | 1 |
| 48PL | 390 | 46173 | 50918 | 55663 | 13.1 | T84291 | 86.2 | 1 | 1 |
| 54PL | 390 | 66172 | 72898 | 79623 | 16.6 | V2365 | 84.5 | 1 | 1 |
| 60PL | 390 | 78110 | 89300 | 100490 | 20.1 | V2466 | 83.8 | 1 | 1 |
| 54PL | 355 | 60233 | 66355 | 72477 | 13.8 | V2365 | 86.0 | 1 | 1 |
| 60PL | 355 | 77557 | 84886 | 92215 | 17.3 | V2466 | 85.0 | 1 | 1 |
| 60PL | 322 | 76037 | 83514 | 90990 | 13.8 | V2466 | 86.0 | 1 | 1 |
| 72PL | 322 | 111193 | 127123 | 143052 | 19.7 | 2620841 | 85.0 | 1 | 1 |
| 54PL | 320 | 48669 | 58143 | 67616 | 12.8 | V2365 | 85.3 | 1 | 1 |
| 60PL | 294 | 62331 | 73902 | 85472 | 13.3 | V2466 | 85.4 | 1 | 1 |

| Pump Model | Pump Speed RPM | Minimum Flow US GPM | Mean Flow US GPM | Maximum Flow US GPM | Maximum Head Feet Per Stage | Impeller No | Best Efficiency Point % | Min Stages | Max Stages |
|------------|----------------|---------------------|------------------|---------------------|-----------------------------|-------------|-------------------------|------------|------------|
| 72PL | 294 | 100117 | 115896 | 131675 | 17 | 2620841 | 86.0 | 1 | 1 |
| 72PL | 273 | 111150 | 122080 | 133009 | 14.3 | 2620841 | 86.5 | 1 | 1 |
| 72PL | 270 | 109929 | 120738 | 131547 | 14 | 2620841 | 86.5 | 1 | 1 |
| 72PL | 253 | 92482 | 109650 | 126817 | 14.1 | 2620841 | 86.5 | 1 | 1 |

| Pump Model | Pump Speed RPM | Minimum Flow US GPM | Mean Flow US GPM | Maximum Flow US GPM | Maximum Head Feet Per Stage | Impeller No | Best Efficiency Point % | Min Stages | Max Stages |
|------------|----------------|---------------------|------------------|---------------------|-----------------------------|-------------|-------------------------|------------|------------|
| 10PL | 1480 | 1304 | 1505 | 1705 | 9.1 | T84484 | 76.8 | 1 | 1 |
| 12PL | 1480 | 2156 | 2307 | 2457 | 8.6 | T84483 | 76.7 | 1 | 1 |
| 14PL | 1480 | 5173 | 5550 | 5926 | 15.7 | T84477 | 78.8 | 1 | 1 |
| 16PL | 1480 | 6883 | 7741 | 8598 | 22.5 | T84393 | 84.3 | 1 | 1 |
| 10PL | 985 | 678 | 877 | 1075 | 4.7 | T84484 | 77.7 | 1 | 1 |
| 12PL | 985 | 1133 | 1481 | 1828 | 6.1 | T84483 | 78.1 | 1 | 1 |
| 14PL | 985 | 3255 | 3693 | 4131 | 9.1 | T84477 | 81.3 | 1 | 1 |
| 16PL | 985 | 4566 | 5135 | 5703 | 9.9 | T84393 | 84.3 | 1 | 1 |
| 18PL | 985 | 5348 | 6309 | 7269 | 12.3 | T83846 | 83.3 | 1 | 1 |
| 20PL | 985 | 11069 | 11986 | 12902 | 15.9 | T83730 | 81.7 | 1 | 1 |
| 24PL | 985 | 16694 | 18046 | 19397 | 20.7 | T83219 | 82.8 | 1 | 1 |
| 30PL | 985 | 25505 | 28039 | 30572 | 29.1 | T83507 | 81.7 | 1 | 1 |
| 14PL | 735 | 2162 | 2663 | 3164 | 5.6 | T84477 | 82.6 | 1 | 1 |
| 16PL | 735 | 3051 | 3691 | 4330 | 7.1 | T84393 | 84.3 | 1 | 1 |
| 18PL | 735 | 4377 | 5361 | 6345 | 8.5 | T83846 | 84.6 | 1 | 1 |
| 20PL | 735 | 10057 | 10239 | 10421 | 10.4 | T83730 | 84.8 | 1 | 1 |
| 24PL | 735 | 12457 | 13466 | 14474 | 11.5 | T83219 | 82.8 | 1 | 1 |
| 30PL | 735 | 19032 | 20923 | 22813 | 16.2 | T83507 | 81.7 | 1 | 1 |
| 36PL | 735 | 30009 | 34395 | 38781 | 23.8 | T83208 | 82.5 | 1 | 1 |
| 30PL | 585 | 16637 | 18615 | 20592 | 13.1 | T83507 | 85.5 | 1 | 1 |



Peerless Pump Company
Indianapolis, IN 46207-7026

Preliminary Selection Table
PL Hydrofoil Pumps
50 Hertz Speeds

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October, 2001

| Pump Model | Pump Speed RPM | Minimum Flow US GPM | Mean Flow US GPM | Maximum Flow US GPM | Maximum Head Feet Per Stage | Impeller No | Best Efficiency Point % | Min Stages | Max Stages |
|------------|----------------|---------------------|------------------|---------------------|-----------------------------|-------------|-------------------------|------------|------------|
| 36PL | 585 | 24070 | 27060 | 30050 | 15 | T83208 | 84.7 | 1 | 1 |
| 42PL | 585 | 41494 | 44819 | 48144 | 18.3 | T83303 | 83.0 | 1 | 1 |
| 36PL | 490 | 23600 | 26427 | 29253 | 12.7 | T83208 | 85.7 | 1 | 1 |
| 42PL | 490 | 31207 | 35971 | 40735 | 15.5 | T83303 | 84.2 | 1 | 1 |
| 48PL | 490 | 48928 | 56470 | 64012 | 20.3 | T84291 | 84.3 | 1 | 1 |
| 42PL | 420 | 28830 | 34215 | 39600 | 12.8 | T83303 | 86.0 | 1 | 1 |
| 48PL | 420 | 54616 | 54616 | 54616 | 14.6 | T84291 | 84.3 | 1 | 1 |
| 54PL | 420 | 71507 | 75004 | 78501 | 18.6 | V2365 | 83.6 | 1 | 1 |
| 54PL | 368 | 62439 | 68785 | 75131 | 14.8 | V2365 | 86.0 | 1 | 1 |
| 60PL | 368 | 80508 | 88050 | 95592 | 18.5 | V2466 | 85.0 | 1 | 1 |
| 60PL | 328 | 77453 | 85069 | 92685 | 14.4 | V2466 | 86.0 | 1 | 1 |
| 72PL | 328 | 113265 | 129491 | 145717 | 20.4 | 2620841 | 85.0 | 1 | 1 |
| 60PL | 322 | 76037 | 83514 | 90990 | 13.8 | V2466 | 86.0 | 1 | 1 |
| 72PL | 322 | 111193 | 127123 | 143052 | 19.7 | 2620841 | 85.0 | 1 | 1 |
| 54PL | 320 | 48669 | 58143 | 67616 | 12.8 | V2365 | 85.3 | 1 | 1 |
| 60PL | 294 | 62331 | 73902 | 85472 | 13.3 | V2466 | 85.4 | 1 | 1 |
| 72PL | 294 | 100117 | 115896 | 131675 | 17 | 2620841 | 86.0 | 1 | 1 |
| 72PL | 245 | 89558 | 106183 | 122807 | 13.3 | 2620841 | 86.5 | 1 | 1 |