## Application

- HVAC: Circulation of hot water, boiler mix-flow, temperature mix-flow, intermittent heat supply, etc
- Air conditioning system: Cooling water circulation
- Water supply system: Filtration and transfer at waterworks; Pressure boosting in main pipe
- Industrial applications: Washing & cleaning systems, boiler feeding, cooling water circulation, water treatment systems, and auxiliary systems
- Fire-fighting system

## Pump

- Flow: Up to 600 $m^3/h$
- Head: Up to 60 m
- Power range: 0.37 – 75 kW
- Liquid temperature: 0°C – +90°C
- Max ambient temperature: + 40°C
- Max operation pressure: 16 bars
- Altitude: up to 1000 m

## Motor

- Closed construction
- Insulation class: F
- Protection class: IP 55
- IE 2 motor as standard. IE 3 motor is available

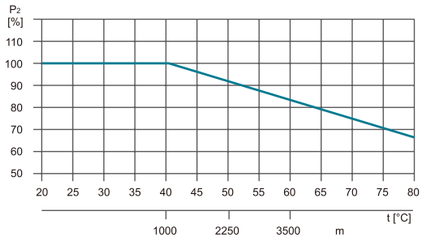
## Flange

- DIN flange DN 16.
- DIN flange DN 18 for pumps with inlet/outlet diameter more than 200 mm

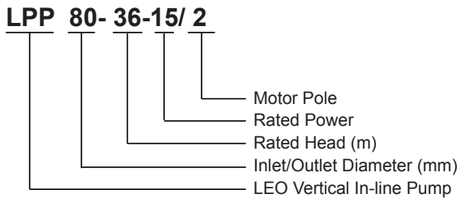
## Ambient Temperature

Max. Ambient temperature: +40°C. Ambient temperature above 40°C, or installation at altitude of more than 1000 m above sea level, require the use of an oversize motor. Because of low air density and poor cooling effects, the motor output power P2 will be decreased. See the picture.

For example, when the pump is installed at altitude of more than 3500 m above sea level, P2 will be decrease to 88%. When the ambient temperature is 70°C, P2 will be decreased to 78%.



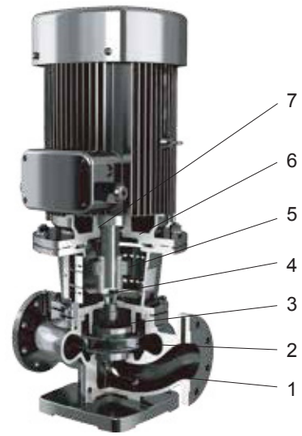

## Identification Codes



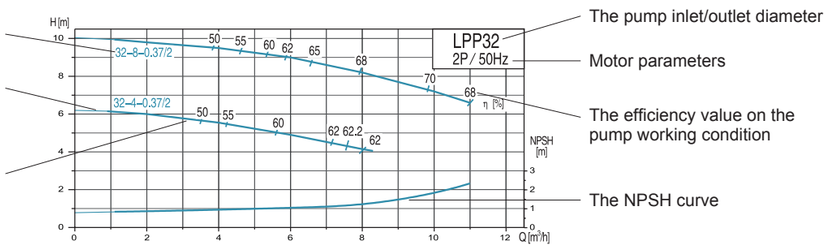


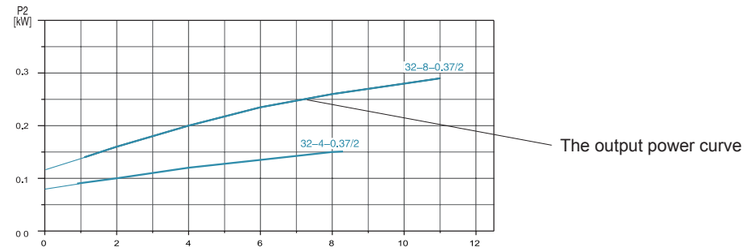

## Materials Table

| No. | Part | Materials |
|---|---|---|
| 1 | Pump body | Cast iron |
| 2 | Impeller | Cast iron |
| 3 | Mechanical seal | Carbon/Silicon carbide |
| 4 | Pump shaft | Steel/AISI 304 |
| 5 | Clamp ring | Steel |
| 6 | Motor base | Cast iron |
| 7 | Motor | - |




## How To Read The Curve Charts



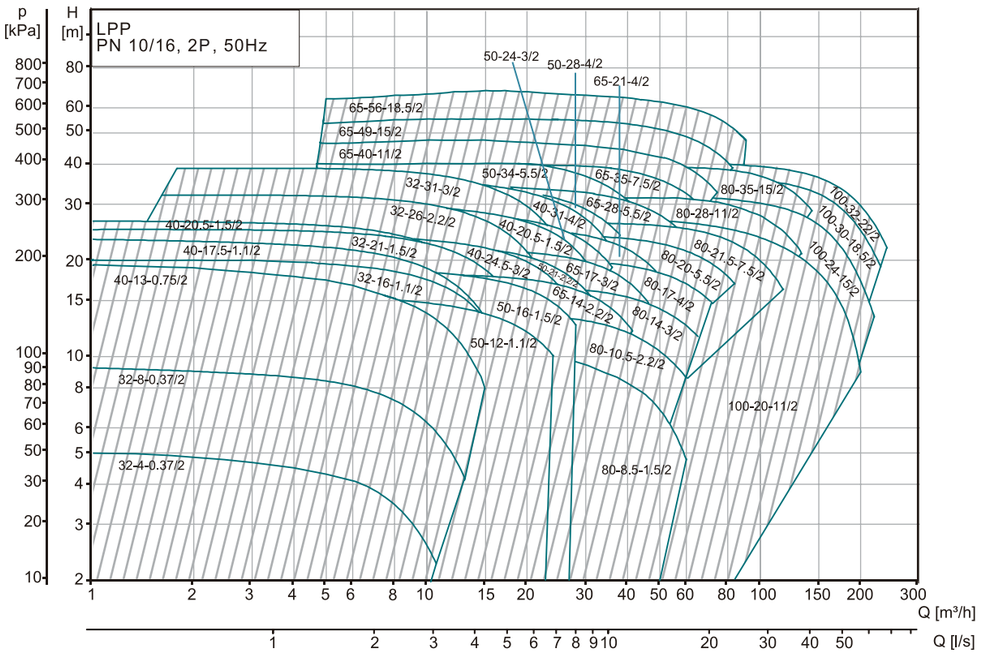

## Guidelines to Performance Curves

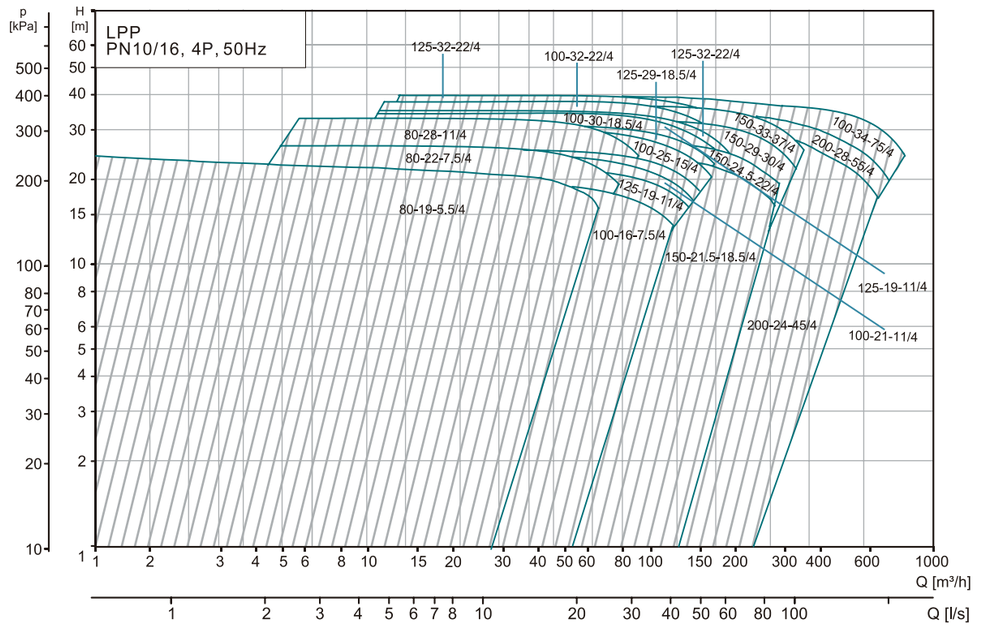
Tolerances to ISO 9906, Annex A.
Measurements have been made with airless water at a temperature of 20°c and kinematic viscosity of $1 mm^2/s$.
To avoid overheating of the motor, the pump should not be use against a high head for a long time.

| Model | Power P2 (kW) | Rated Speed n (r/min) | Rated Flow Q ($m^3$/h) | Rated Head (m) | Max. Flow Q ($m^3$/h) | Max.Head H(m) | NPSHc (m) |
|---|---|---|---|---|---|---|---|
| LPP32-8-0.37/2 | 0.37 | 2900 | 8.5 | 8 | 11 | 10 | 2 |
| LPP32-4-0.37/2 | 0.37 | 2900 | 7.5 | 4 | 8.5 | 6 | 2 |
| LPP32-31/3/2 | 3 | 2900 | 20 | 31 | 24 | 37 | 2 |
| LPP32-26-2.2//2 | 2.2 | 2900 | 18 | 26 | 21 | 32 | 2 |
| LPP32-21-1.5/2 | 1.5 | 2900 | 14 | 21 | 18.5 | 26 | 2 |
| LPP32-16-1.1/2 | 1.1 | 2900 | 12 | 16 | 16 | 20 | 2 |
| LPP40-20.5-1.5/2 | 1.5 | 2900 | 12 | 20.5 | 20 | 25 | 2 |
| LPP40-17.5-1.1/2 | 1.1 | 2900 | 12 | 17.5 | 18 | 21 | 2 |
| LPP40-13-0.75/2 | 0.75 | 2900 | 10 | 13 | 15.5 | 16.5 | 2 |
| LPP40-31-4/2 | 4 | 2900 | 26 | 31 | 38 | 35 | 2 |
| LPP40-24.5-3/2 | 3 | 2900 | 24 | 24.5 | 36 | 28 | 2 |
| LPP40-20.5-2.2/2 | 2.2 | 2900 | 23 | 20.5 | 34 | 25 | 2 |
| LPP50-24-3/2 | 3 | 2900 | 30 | 24 | 36 | 29 | 2 |
| LPP50-21-2.2/2 | 2.2 | 2900 | 24 | 21 | 35 | 25 | 2 |
| LPP50-16-1.5/2 | 1.5 | 2900 | 22 | 16 | 32 | 19 | 2 |
| LPP50-12-1.1/2 | 1.1 | 2900 | 20 | 12 | 26 | 15 | 2 |
| LPP50-34-5.5/2 | 5.5 | 2900 | 35 | 34 | 50 | 42 | 2 |
| LPP50-28-4/2 | 4 | 2900 | 30 | 28 | 43 | 33 | 2 |
| LPP65-35-7.5/2 | 7.5 | 2900 | 55 | 35 | 70 | 39 | 2.5 |
| LPP65-28-5.5/2 | 5.5 | 2900 | 50 | 28 | 70 | 30 | 2.5 |
| LPP65-21-4/2 | 4 | 2900 | 45 | 21 | 65 | 24 | 2.5 |
| LPP65-17-3/2 | 3 | 2900 | 40 | 17 | 56 | 20 | 2.5 |
| LPP65-14-2.2/2 | 2.2 | 2900 | 35 | 14 | 50 | 17 | 2 |
| LPP65-56-18.5/2 | 18.5 | 2950 | 70 | 56 | 86 | 61 | 3 |
| LPP65-49-15/2 | 15 | 2950 | 65 | 49 | 80 | 53 | 3 |
| LPP65-40-11/2 | 11 | 2950 | 56 | 40 | 80 | 43 | 2.5 |
| LPP80-20-5.5/2 | 5.5 | 2900 | 70 | 20 | 90 | 25 | 3.5 |
| LPP80-17-4.0/2 | 4 | 2900 | 64 | 17 | 79 | 21 | 3.2 |
| LPP80-14-3/2 | 3 | 2900 | 55 | 14 | 75 | 17 | 3 |
| LPP80-10.5-2.2/2 | 2.2 | 2900 | 52 | 10.5 | 70 | 14 | 3 |
| LPP80-8.5-1.5/2 | 1.5 | 2900 | 45 | 8.5 | 65 | 10.5 | 3 |
| LPP80-35-15/2 | 15 | 2950 | 110 | 35 | 130 | 42 | 4.5 |
| LPP80-28-11/2 | 11 | 2950 | 100 | 28 | 125 | 35 | 4.5 |
| LPP80-21.5-7.5/2 | 7.5 | 2950 | 90 | 21.5 | 115 | 28 | 4 |
| LPP80-80-22/2 | 22 | 2950 | 50 | 80 | 70 | 86 | 2.8 |
| LPP80-70-18.5/2 | 18.5 | 2950 | 45 | 70 | 65 | 75 | 2.8 |
| LPP80-60-15/2 | 15 | 2950 | 40 | 60 | 60 | 63 | 2.8 |
| LPP100-32-22/2 | 22 | 2950 | 170 | 32 | 190 | 43 | 6.5 |
| LPP100-30-18.5/2 | 18.5 | 2950 | 160 | 30 | 179 | 38 | 6.5 |
| LPP100-24-15/2 | 15 | 2950 | 150 | 24 | 180 | 31 | 6 |
| LPP100-20-11/2 | 11 | 2950 | 135 | 20 | 175 | 28 | 6.5 |
| LPP100-80-37/2 | 37 | 2950 | 100 | 80 | 130 | 86 | 3.5 |
| LPP100-70-30/2 | 30 | 2950 | 90 | 70 | 120 | 76 | 3.5 |

| Model | Power P2 (kW) | Rated Speed n (r/min) | Rated Flow Q ($m^3$/h) | Rated Head (m) | Max. Flow Q ($m^3$/h) | Max.Head H(m) | NPSHc (m) |
|---|---|---|---|---|---|---|---|
| LPP100-60-22/2 | 22 | 2950 | 80 | 60 | 96 | 64 | 3.5 |
| LPP100-50-22/2 | 22 | 2950 | 100 | 50 | 140 | 56 | 3.5 |
| LPP100-44-18.5/2 | 18.5 | 2950 | 90 | 44 | 140 | 47 | 3.5 |
| LPP100-38-15/2 | 15 | 2950 | 85 | 38 | 130 | 43 | 3.5 |
| LPP125-50-30/2 | 30 | 2950 | 160 | 50 | 190 | 58 | 5.5 |
| LPP125-44-30/2 | 30 | 2950 | 150 | 44 | 190 | 52 | 5.5 |
| LPP125-37.5-22/2 | 22 | 2950 | 135 | 37.5 | 180 | 45 | 5.5 |
| LPP80-28-11/4 | 11 | 1480 | 90 | 28 | 120 | 31 | 2 |
| LPP80-22-7.5/4 | 7.5 | 1480 | 80 | 22 | 100 | 24 | 2 |
| LPP80-19-5.5/4 | 5.5 | 1480 | 68 | 19 | 80 | 21.5 | 2 |
| LPP100-32-22/4 | 22 | 1480 | 170 | 32 | 213 | 36 | 2 |
| LPP100-30-18.5/4 | 18.5 | 1480 | 160 | 30 | 208 | 33 | 2 |
| LPP100-25-15/4 | 15 | 1480 | 155 | 25 | 186 | 28 | 2 |
| LPP100-21-11/4 | 11 | 1480 | 130 | 21 | 170 | 23 | 2 |
| LPP100-16-7.5/4 | 7.5 | 1480 | 115 | 16 | 140 | 19 | 2 |
| LPP125-35-30/4 | 30 | 1480 | 200 | 35 | 279 | 40 | 2.5 |
| LPP125-31-22/4 | 22 | 1480 | 170 | 31 | 260 | 34 | 2 |
| LPP125-28-18.5/4 | 18.5 | 1480 | 155 | 28 | 249 | 30 | 2 |
| LPP125-24-15/4 | 15 | 1480 | 140 | 24 | 230 | 27 | 2 |
| LPP125-19-11/4 | 11 | 1480 | 125 | 19 | 209 | 22 | 2 |
| LPP150-33-37/4 | 37 | 1480 | 300 | 33 | 390 | 37 | 3.5 |
| LPP150-29-30/4 | 30 | 1480 | 280 | 29 | 360 | 32 | 3.5 |
| LPP150-24.5-22/4 | 22 | 1480 | 250 | 24.5 | 300 | 28 | 3 |
| LPP150-21.5-18.5/4 | 18.5 | 1480 | 230 | 21.5 | 290 | 23 | 3 |
| LPP200-34-75/4 | 75 | 1480 | 600 | 34 | 659 | 41 | 5.5 |
| LPP200-28-55/4 | 55 | 1480 | 560 | 28 | 656 | 32 | 5.5 |
| LPP200-22.5-45/4 | 45 | 1480 | 521 | 22.5 | 662 | 27 | 5.25 |
| LPP200-55-75/4 | 75 | 1480 | 300 | 55 | 420 | 61 | 5.5 |
| LPP200-44-55/4 | 55 | 1480 | 280 | 44 | 360 | 50 | 5.5 |
| LPP200-38-45/4 | 45 | 1480 | 262 | 38 | 340 | 45 | 5.5 |
| LPP200-32-37/4 | 37 | 1480 | 245 | 32 | 320 | 38 | 5.5 |
| LPP250-50-110/4 | 110 | 1480 | 550 | 50 | 715 | 58 | 4.7 |
| LPP250-44-90/4 | 90 | 1480 | 500 | 44 | 650 | 50 | 4.7 |
| LPP250-37-75/4 | 75 | 1480 | 460 | 37 | 645 | 44 | 4.7 |

## Hydraulic Performance Curves

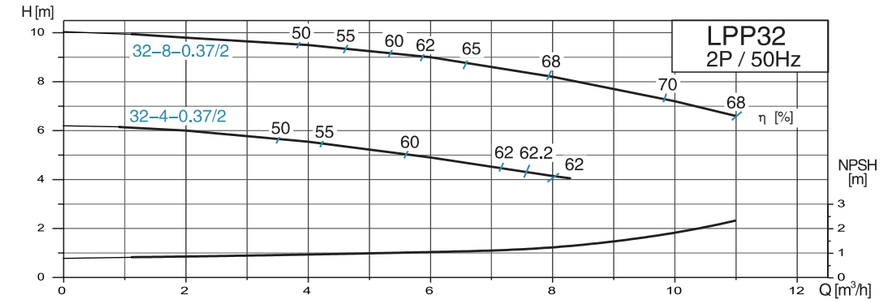


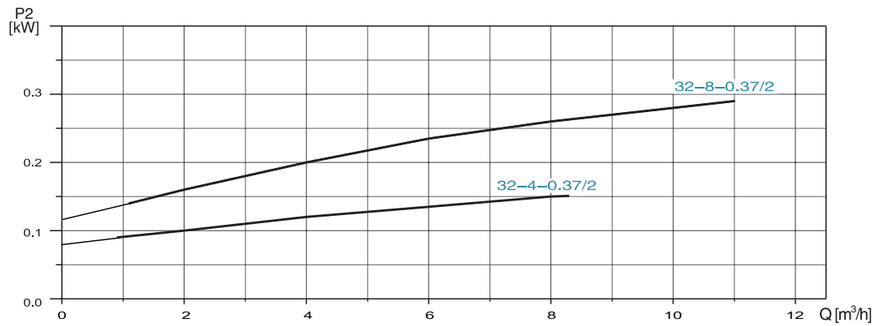





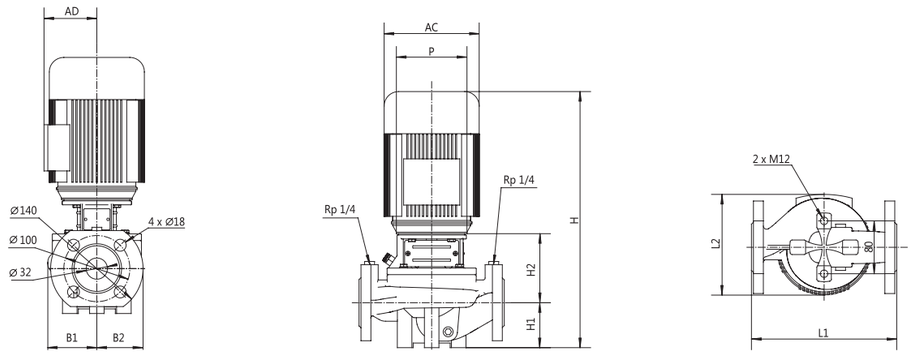

## Hydraulic Performance Curves

| LPP32 | 2900r/min |
|---|---|



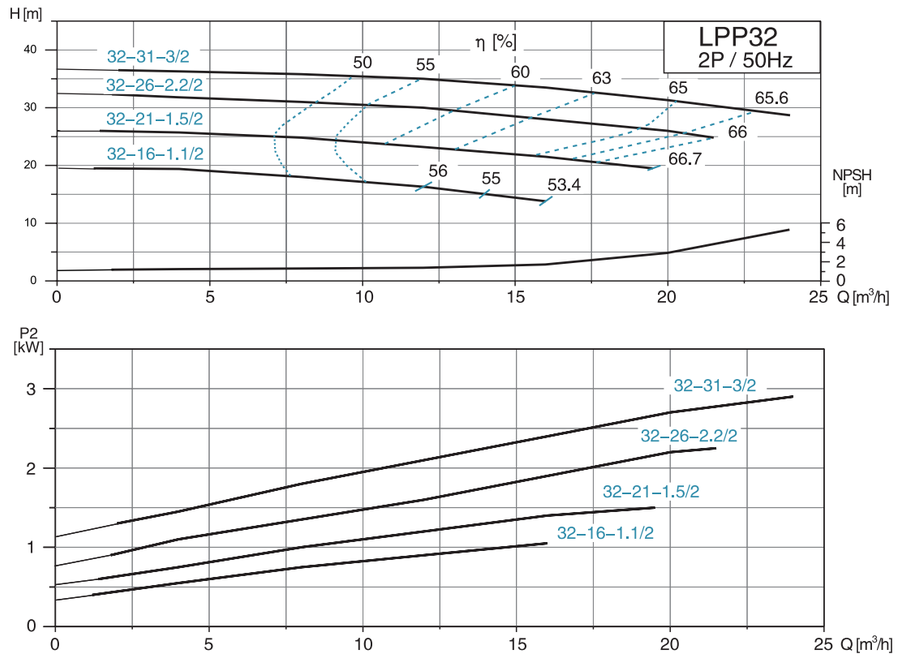

## Dimension Drawing



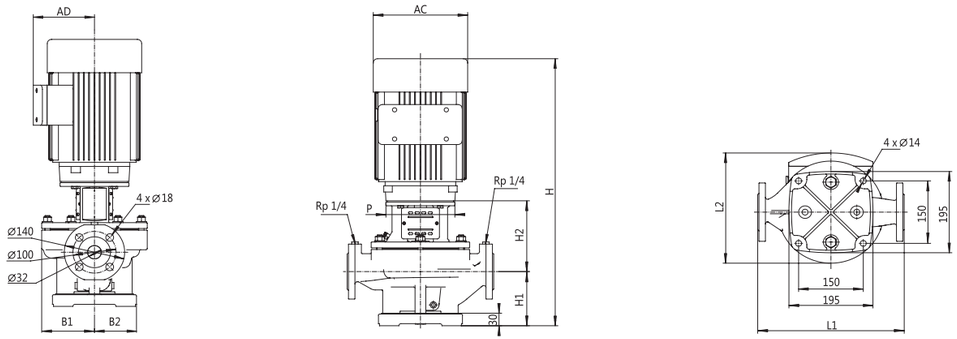

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP32-8-0.37/2 | 220 | 156 | 393 | 68 | 104.5 | 75 | 70 | 105 | 86 | 135 |
| LPP32-4-0.37/2 | | | | | | | | | | |

## Hydraulic Performance Curves

| LPP32 | 2900r/min |
|---|---|




## Dimension Drawing

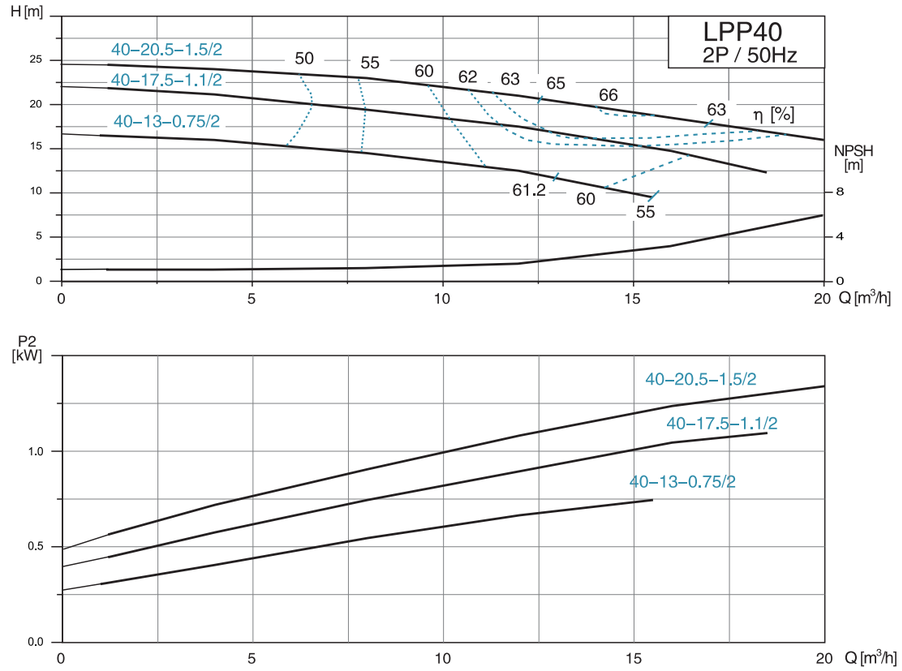



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP32-31-3/2 | 340 | 251 | 626 | 130 | 171 | 123 | 123 | 160 | 128 | 191 |
| LPP32-26-2.2/2 | 340 | 246 | 601 | 130 | 171 | 123 | 123 | 140 | 115 | 166 |
| LPP32-21-1.5/2 | 340 | 246 | 601 | 130 | 171 | 123 | 123 | 140 | 115 | 166 |
| LPP32-16-1.1/2 | 340 | 246 | 556 | 130 | 171 | 123 | 123 | 120 | 96 | 148 |

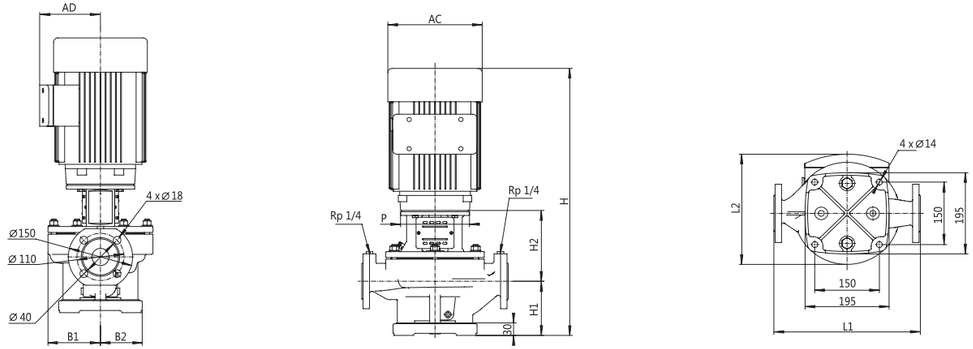


## Hydraulic Performance Curves

| LPP40 | 2900r/min |
|---|---|



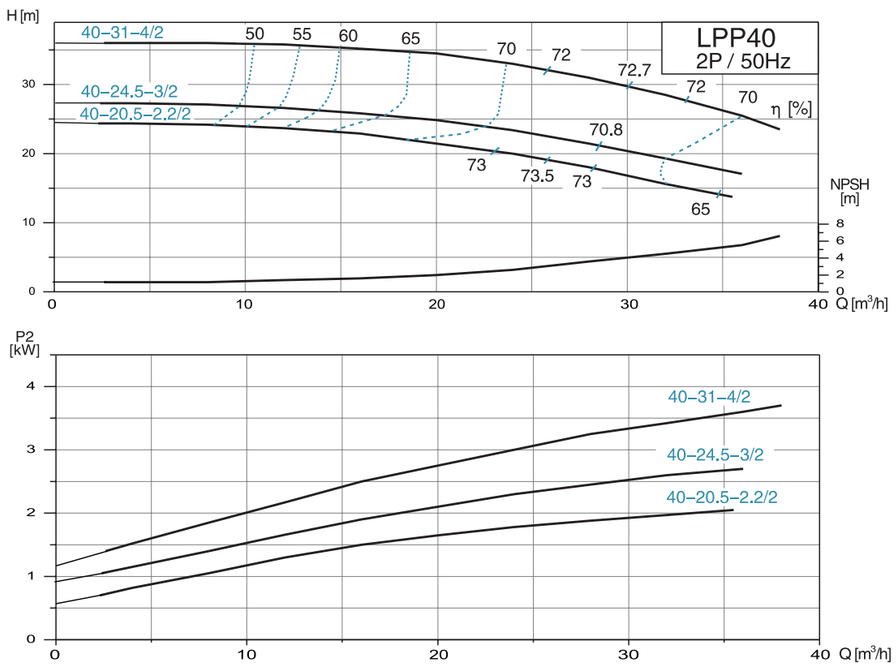

## Dimension Drawing



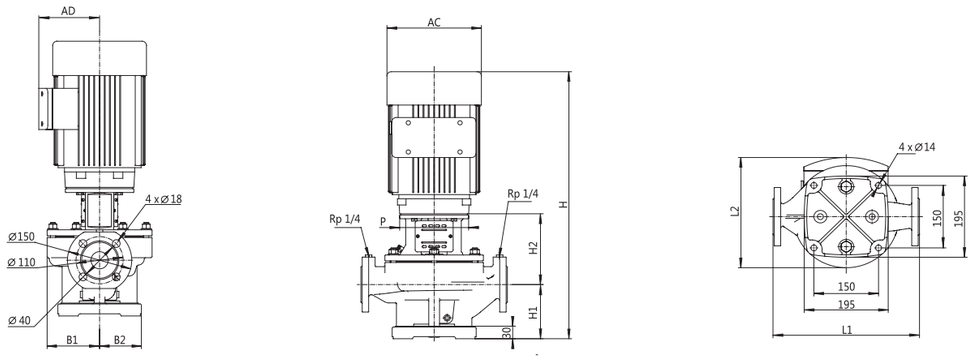

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP40-20.5-1.5/2 | 340 | 246 | 591 | 130 | 161 | 123 | 123 | 140 | 115 | 166 |
| LPP40-17.5-1.1/2 | 340 | 246 | 546 | 130 | 161 | 123 | 123 | 120 | 96 | 148 |
| LPP40-13-0.75/2 | 340 | 246 | 546 | 130 | 161 | 123 | 123 | 120 | 96 | 148 |

## Hydraulic Performance Curves

| LPP40 | 2900r/min |
|---|---|




## Dimension Drawing

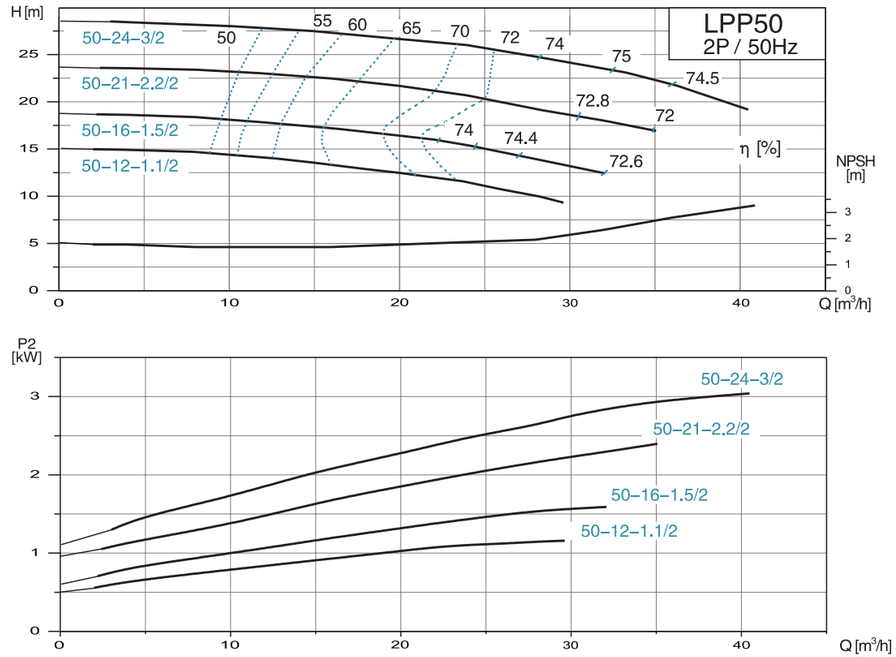



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP40-31-4/2 | 340 | 263 | 655 | 130 | 170 | 123 | 123 | 160 | 140 | 212 |
| LPP40-24.5-3/2 | 340 | 246 | 625 | 130 | 170 | 123 | 123 | 160 | 115 | 191 |
| LPP40-20.5-2.2/2 | 340 | 246 | 600 | 130 | 170 | 123 | 123 | 140 | 115 | 166 |

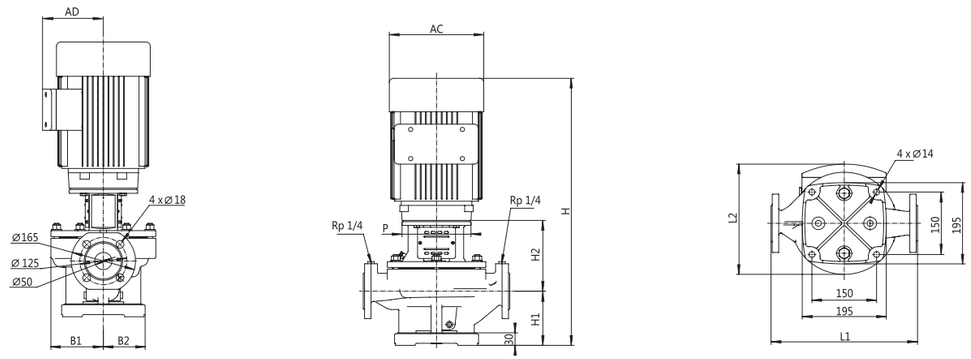


## Hydraulic Performance Curves

| LPP50 | 2900r/min |
|---|---|



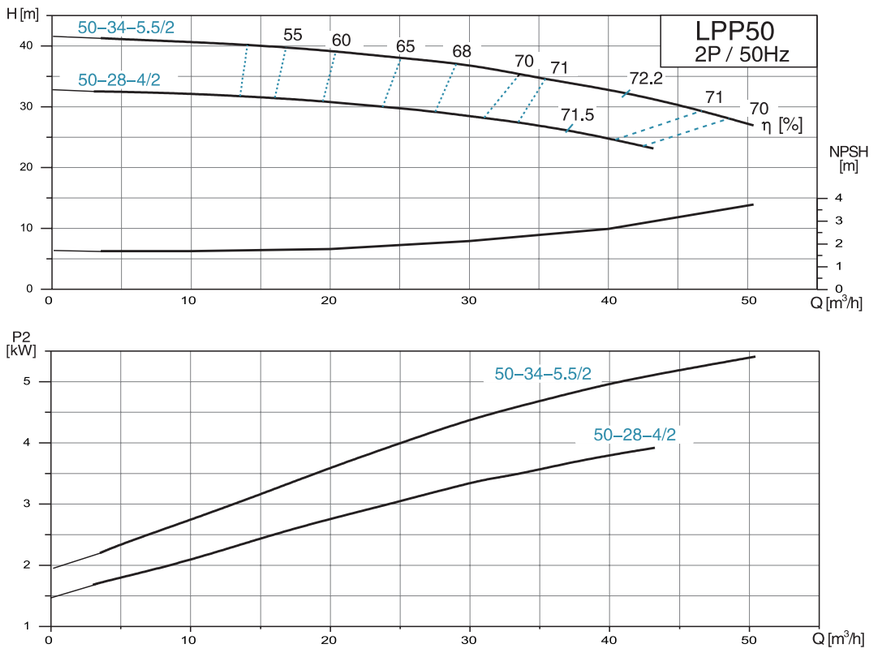

## Dimension Drawing



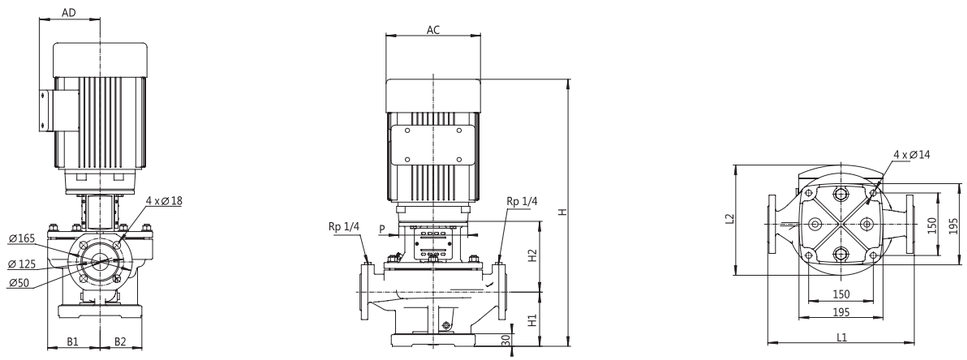

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP50-24-3/2 | 340 | 251 | 648 | 145 | 178 | 123 | 123 | 160 | 128 | 191 |
| LPP50-21-2.2/2 | 340 | 246 | 623 | 145 | 178 | 123 | 123 | 140 | 115 | 166 |
| LPP50-16-1.5/2 | 340 | 246 | 623 | 145 | 178 | 123 | 123 | 140 | 115 | 166 |
| LPP50-12-1.1/2 | 340 | 246 | 578 | 145 | 178 | 123 | 123 | 120 | 96 | 148 |

## Hydraulic Performance Curves

| LPP50 | 2900r/min |
|---|---|




## Dimension Drawing

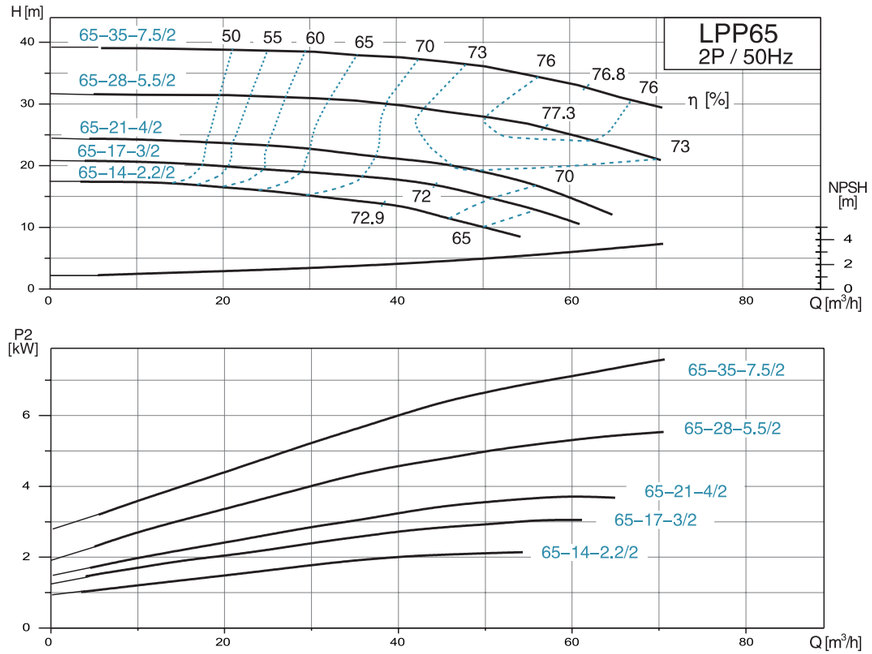



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP50-34-5.5/2 | 340 | 292 | 747 | 145 | 172 | 129 | 123 | 200 | 163 | 258 |
| LPP50-28-4/2 | 340 | 263 | 687 | 145 | 187 | 129 | 123 | 160 | 140 | 212 |

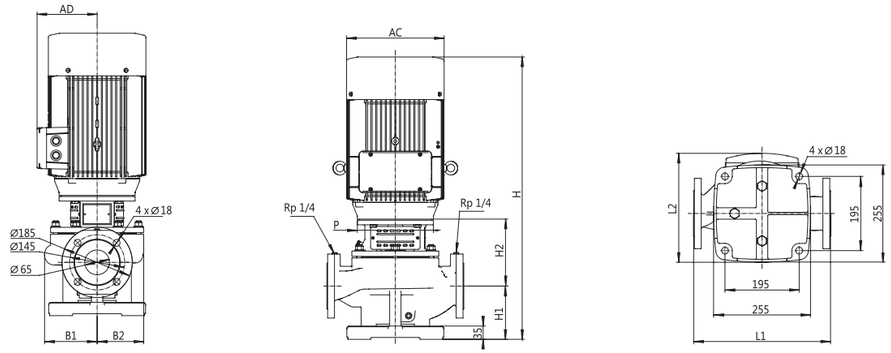


## Hydraulic Performance Curves

| LPP65 | 2900r/min |
|---|---|



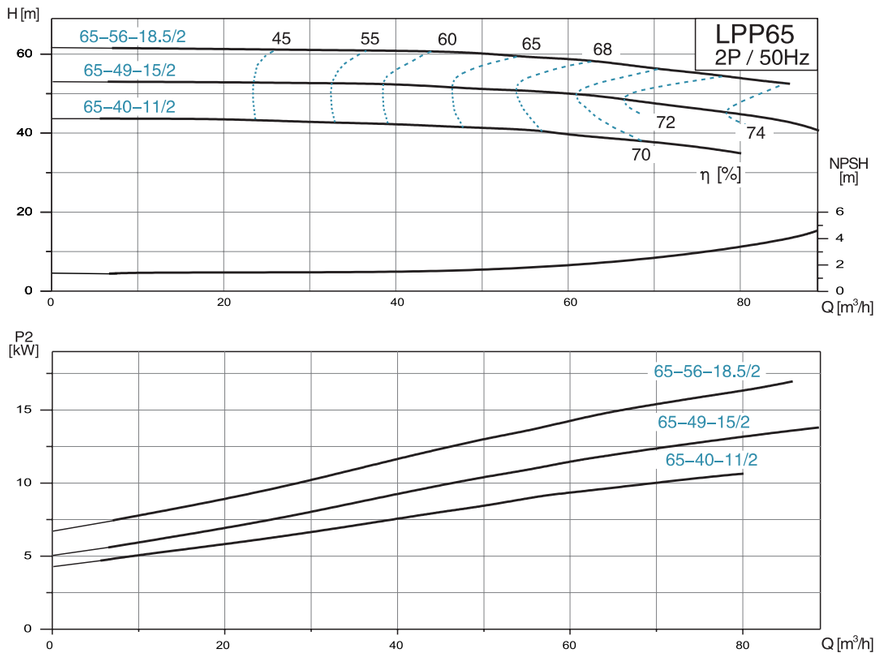

## Dimension Drawing



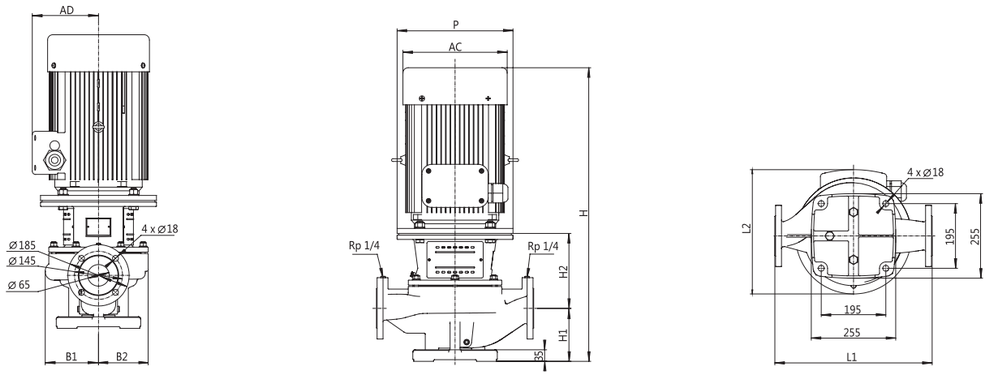

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP65-35-7.5/2 | 360 | 292 | 841 | 140 | 176 | 138 | 123 | 200 | 163 | 258 |
| LPP65-28-5.5/2 | 360 | 292 | 841 | 140 | 176 | 138 | 123 | 200 | 163 | 258 |
| LPP65-21-4/2 | 360 | 268 | 668 | 140 | 191 | 138 | 123 | 160 | 140 | 212 |
| LPP65-17-3/2 | 360 | 266 | 636 | 140 | 191 | 138 | 123 | 160 | 128 | 191 |
| LPP65-14-2.2/2 | 360 | 266 | 611 | 140 | 191 | 138 | 123 | 140 | 115 | 166 |

## Hydraulic Performance Curves

| LPP65 | 2950r/min |
|---|---|




## Dimension Drawing

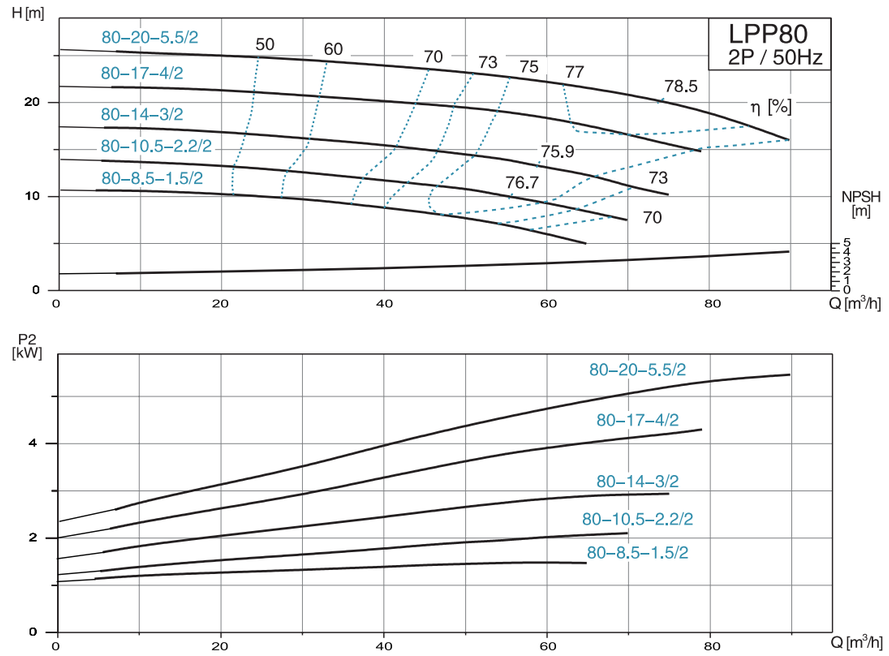



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP65-56-18.5/2 | 475 | 426 | 928 | 160 | 226 | 161 | 145 | 350 | 251 | 314 |
| LPP65-49-15/2 | 475 | 426 | 884 | 160 | 226 | 161 | 145 | 350 | 251 | 314 |
| LPP65-40-11/2 | 475 | 426 | 884 | 160 | 226 | 161 | 145 | 350 | 251 | 314 |

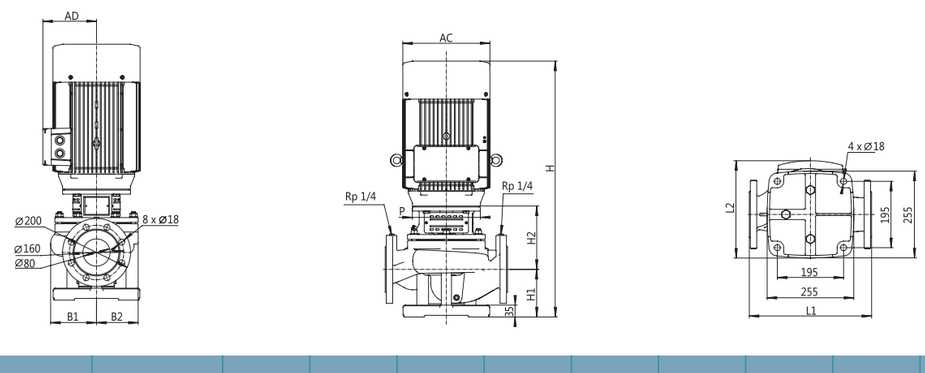


## Hydraulic Performance Curves

| LPP80 | 2900r/min |
|---|---|



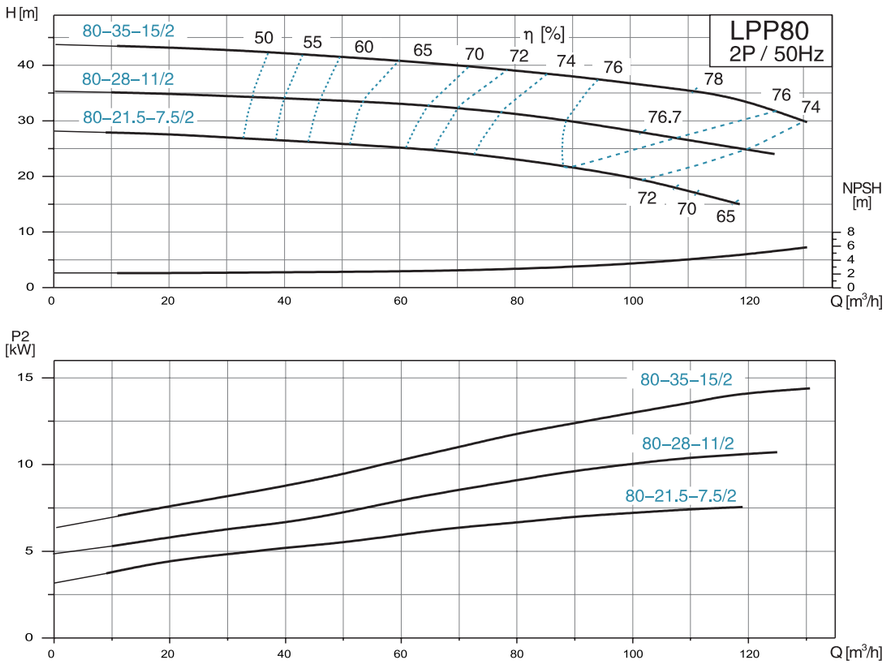

## Dimension Drawing



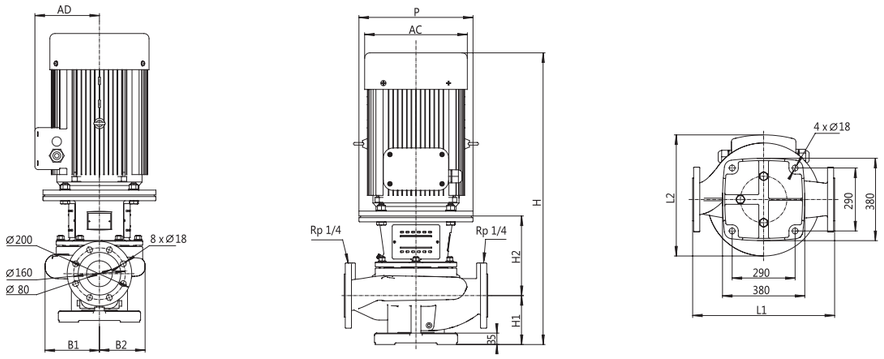

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP80-21-5.5/2 | 360 | 292 | 756.5 | 140 | 186.5 | 135 | 124 | 200 | 163 | 258 |
| LPP80-17-4/2 | 360 | 268 | 697 | 140 | 202 | 135 | 124 | 160 | 140 | 212 |
| LPP80-14-3/2 | 360 | 263 | 667 | 140 | 202 | 135 | 124 | 160 | 128 | 191 |
| LPP80-10.5-2.2/2 | 360 | 263 | 642 | 140 | 202 | 135 | 124 | 140 | 115 | 166 |
| LPP80-8.5-1.5/2 | 360 | 263 | 642 | 140 | 202 | 135 | 124 | 140 | 115 | 166 |

## Hydraulic Performance Curves

| LPP80 | 2950r/min |
|---|---|




## Dimension Drawing

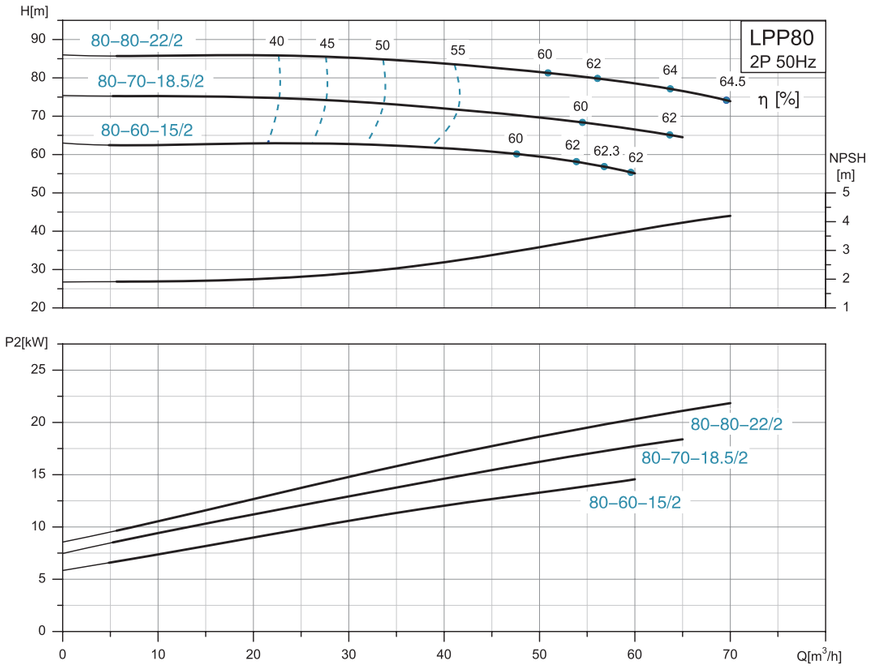



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP80-35-15/2 | 440 | 426 | 892 | 150 | 244 | 169 | 142 | 350 | 251 | 314 |
| LPP80-28-11/2 | 440 | 426 | 892 | 150 | 244 | 169 | 142 | 350 | 251 | 314 |
| LPP80-21.5-7.5/2 | 440 | 343 | 759 | 150 | 214 | 169 | 142 | 300 | 203 | 258 |

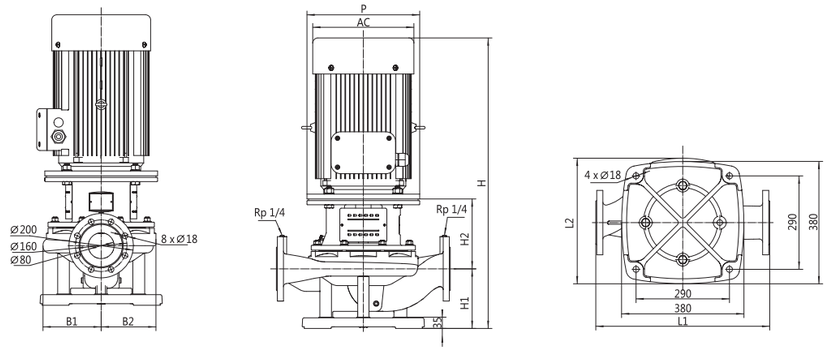


## Hydraulic Performance Curves

| LPP80 | 2950r/min |
|---|---|



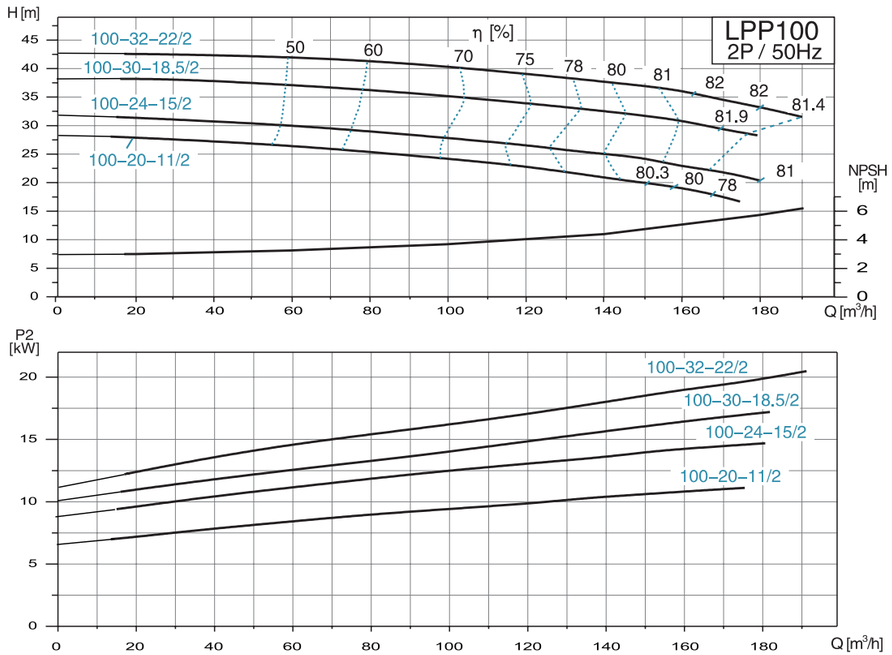

## Dimension Drawing



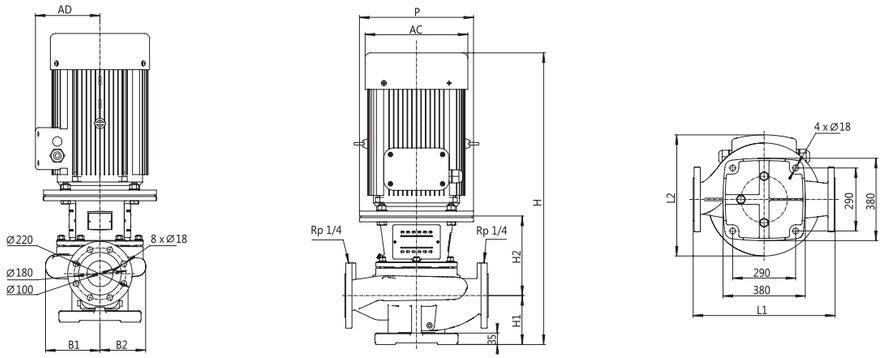

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP80–80–22/2 | 540 | 470 | 1032 | 185 | 217 | 181 | 170 | 350 | 280 | 380 |
| LPP80–70–18.5/2 | 540 | 445 | 962 | 185 | 217 | 181 | 170 | 350 | 255 | 330 |
| LPP80_60_15/2 | 540 | 440 | 907 | 185 | 217 | 181 | 170 | 350 | 250 | 330 |

## Hydraulic Performance Curves

| LPP100 | 2950r/min |
|---|---|




## Dimension Drawing

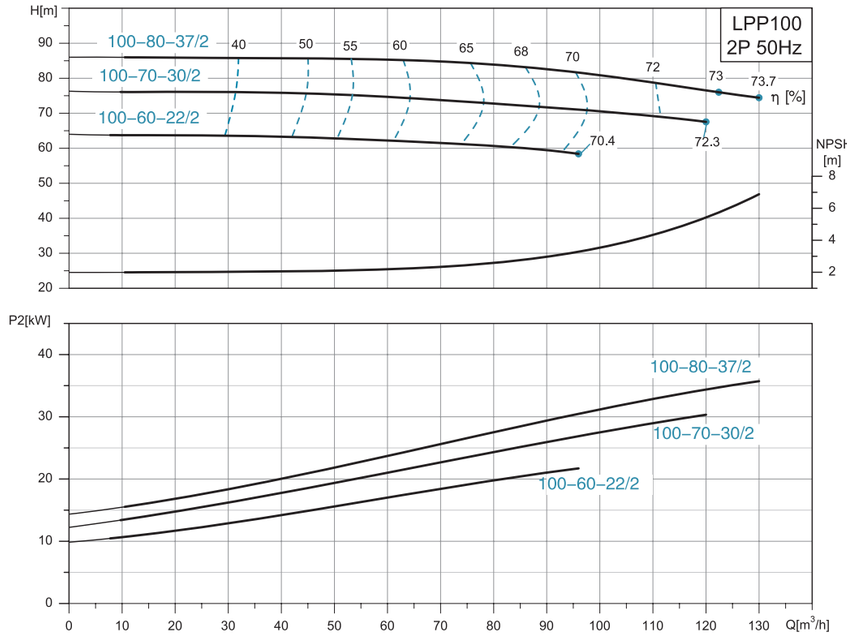



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP100-32-22/2 | 500 | 457 | 1025 | 175 | 272 | 183 | 144 | 350 | 267 | 355 |
| LPP100-30-18.5/2 | 500 | 441 | 989 | 175 | 272 | 183 | 144 | 350 | 251 | 314 |
| LPP100-24-15/2 | 500 | 441 | 945 | 175 | 272 | 183 | 144 | 350 | 251 | 314 |
| LPP100-20-11/2 | 500 | 441 | 945 | 175 | 272 | 183 | 144 | 350 | 251 | 314 |

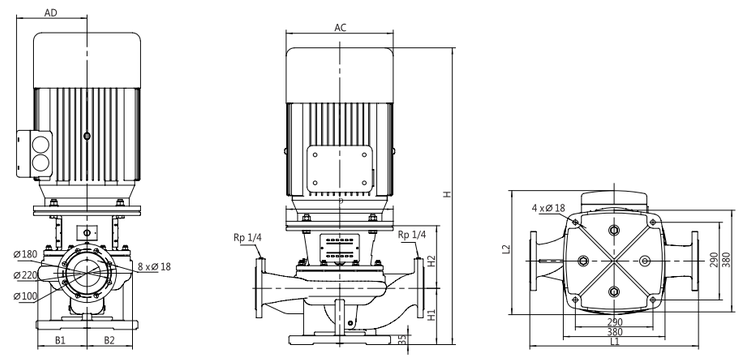


## Hydraulic Performance Curves

| LPP100 | 2950r/min |
|---|---|



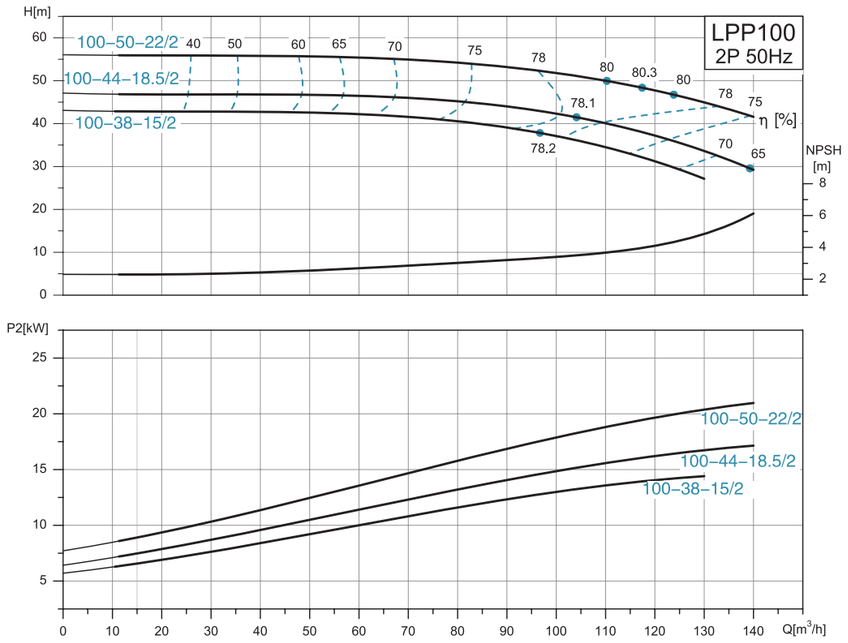

## Dimension Drawing



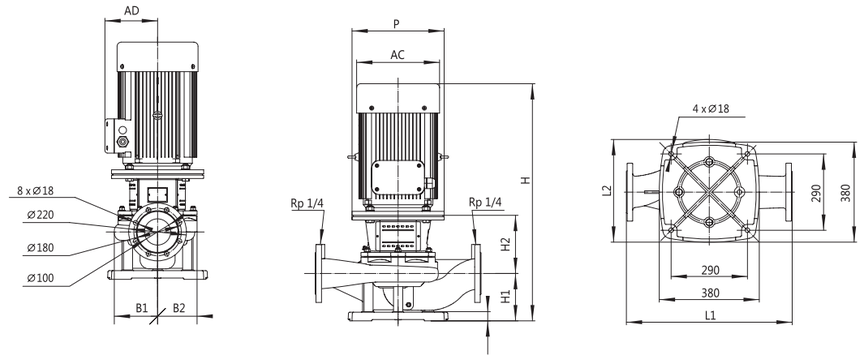

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP100–80–37/2 | 630 | 515 | 1104 | 210 | 234 | 184 | 170 | 400 | 305 | 420 |
| LPP100–70–30/2 | 630 | 515 | 1104 | 210 | 234 | 184 | 170 | 400 | 305 | 420 |
| LPP100–60–22/2 | 630 | 470 | 1067 | 210 | 227 | 184 | 170 | 350 | 280 | 380 |

## Hydraulic Performance Curves

| LPP100 | 2950r/min |
|---|---|



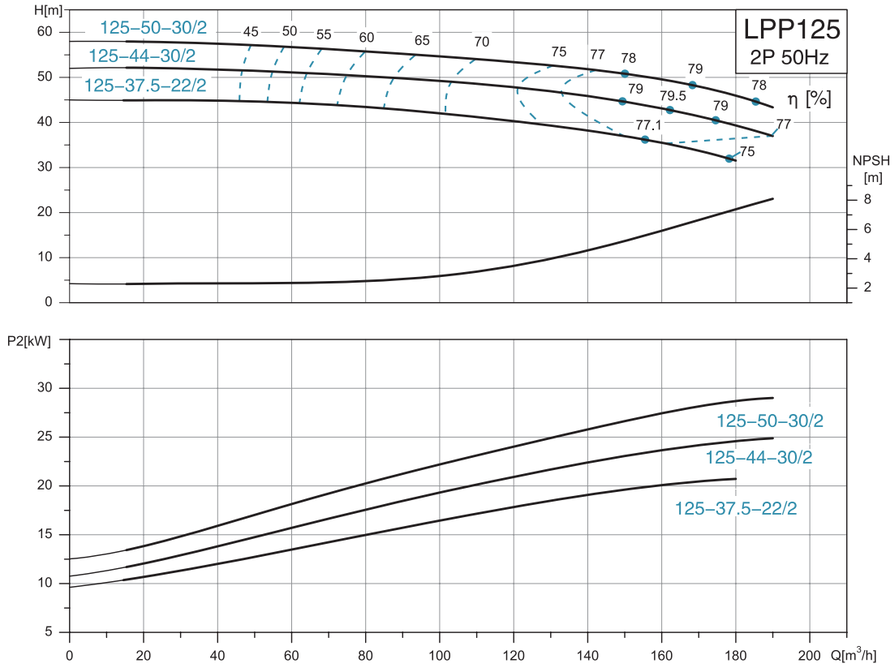

## Dimension Drawing



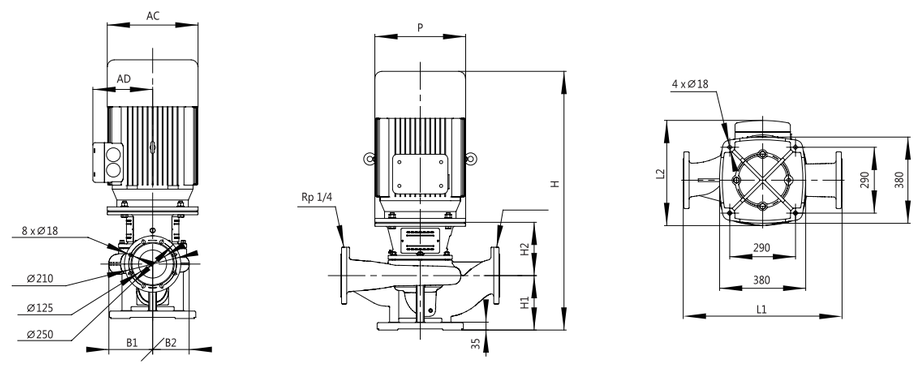

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP100-50-22/2 | 630 | 470 | 938 | 180 | 210 | 165 | 150 | 350 | 280 | 380 |
| LPP100-44-18.5/2 | 630 | 445 | 898 | 180 | 210 | 165 | 150 | 350 | 255 | 330 |
| LPP100-38-15/2 | 630 | 440 | 848 | 180 | 210 | 165 | 150 | 350 | 250 | 330 |

## Hydraulic Performance Curves

| LPP125 | 2950r/min |
|---|---|



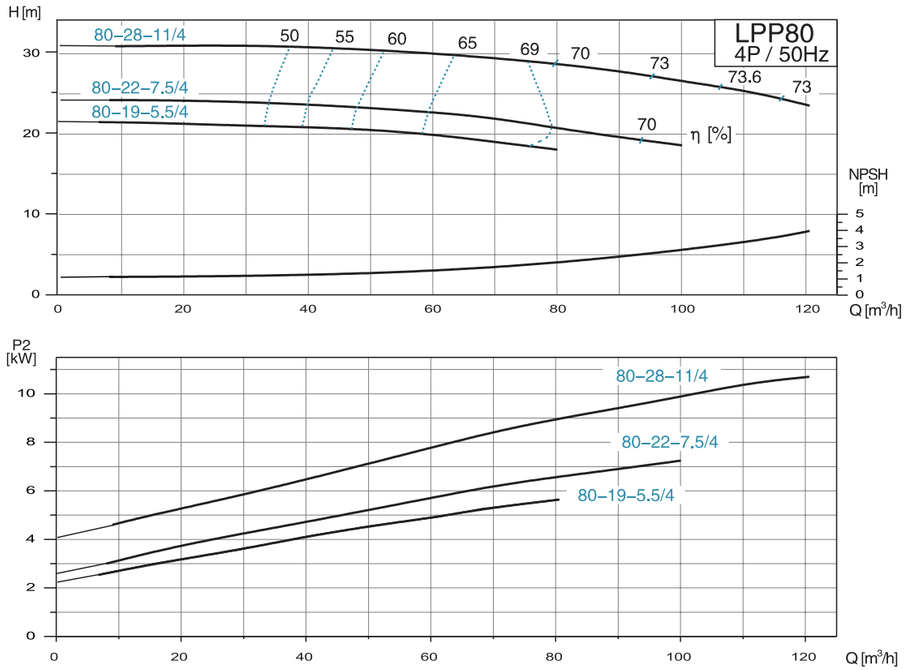

## Dimension Drawing



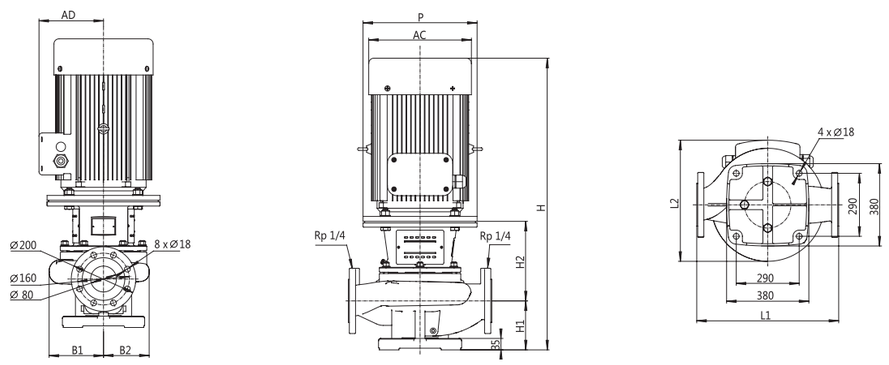

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP125-50-37/2 | 700 | 515 | 1135 | 240 | 235 | 193 | 161 | 400 | 305 | 420 |
| LPP125-44-30/2 | 700 | 515 | 1135 | 240 | 235 | 193 | 161 | 400 | 305 | 420 |
| LPP125-37.5-22/2 | 700 | 470 | 1098 | 240 | 228 | 193 | 161 | 350 | 280 | 380 |

## Hydraulic Performance Curves

| LPP80 | 1480r/min |
|---|---|




## Dimension Drawing

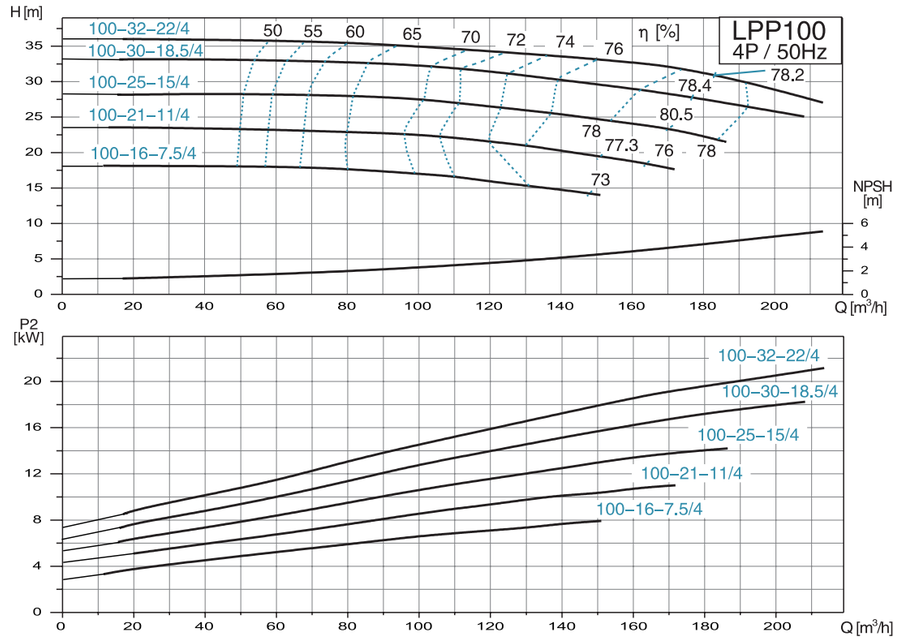



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP80-28-11/4 | 620 | 469 | 935 | 175 | 262 | 224 | 218 | 350 | 251 | 314 |
| LPP80-22-7.5/4 | 620 | 442 | 840 | 175 | 232 | 224 | 218 | 300 | 203 | 258 |
| LPP80-19-5.5/4 | 620 | 442 | 802 | 175 | 232 | 224 | 218 | 300 | 203 | 258 |

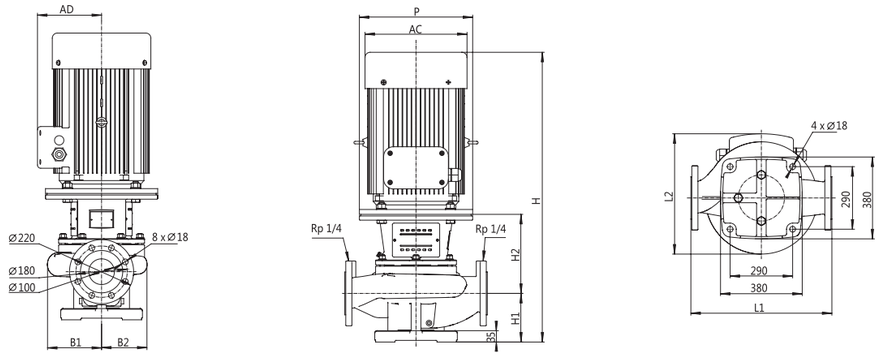


## Hydraulic Performance Curves

| LPP100 | 1480r/min |
|---|---|



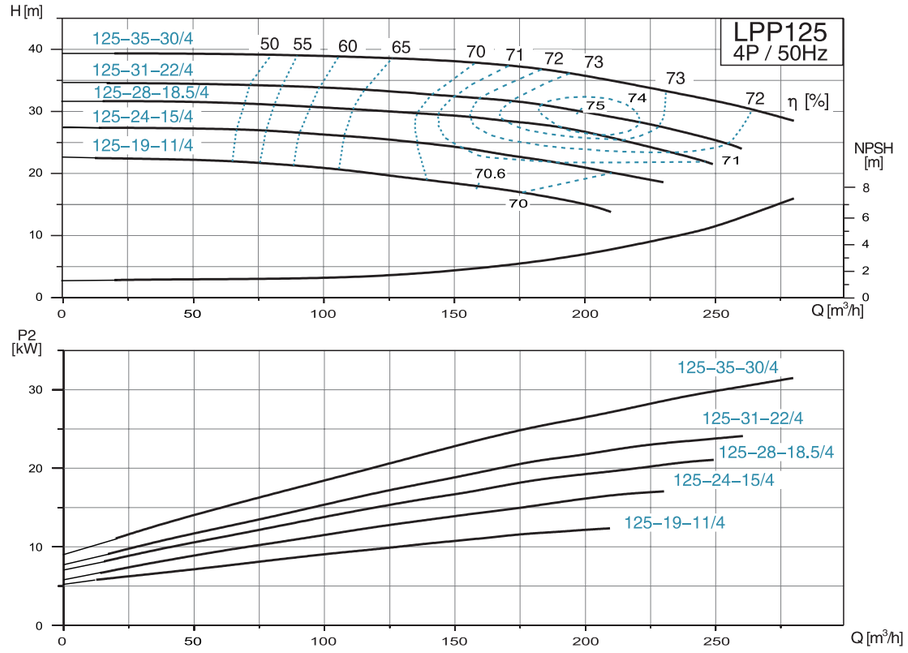

## Dimension Drawing



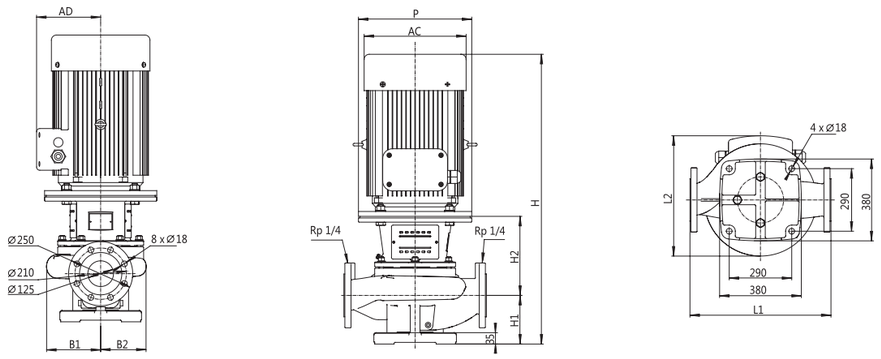

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP100-32-22/4 | 670 | 486 | 1103 | 210 | 277 | 253 | 219 | 350 | 267 | 355 |
| LPP100-30-18.5/4 | 670 | 486 | 1065 | 210 | 277 | 253 | 219 | 350 | 267 | 355 |
| LPP100-25-15/4 | 670 | 472 | 1029 | 210 | 277 | 253 | 219 | 350 | 251 | 314 |
| LPP100-21-11/4 | 670 | 472 | 985 | 210 | 277 | 253 | 219 | 350 | 251 | 314 |
| LPP100-16-7.5/4 | 670 | 472 | 890 | 210 | 277 | 253 | 219 | 300 | 203 | 258 |

## Hydraulic Performance Curves

| LPP125 | 1480r/min |
|---|---|




## Dimension Drawing

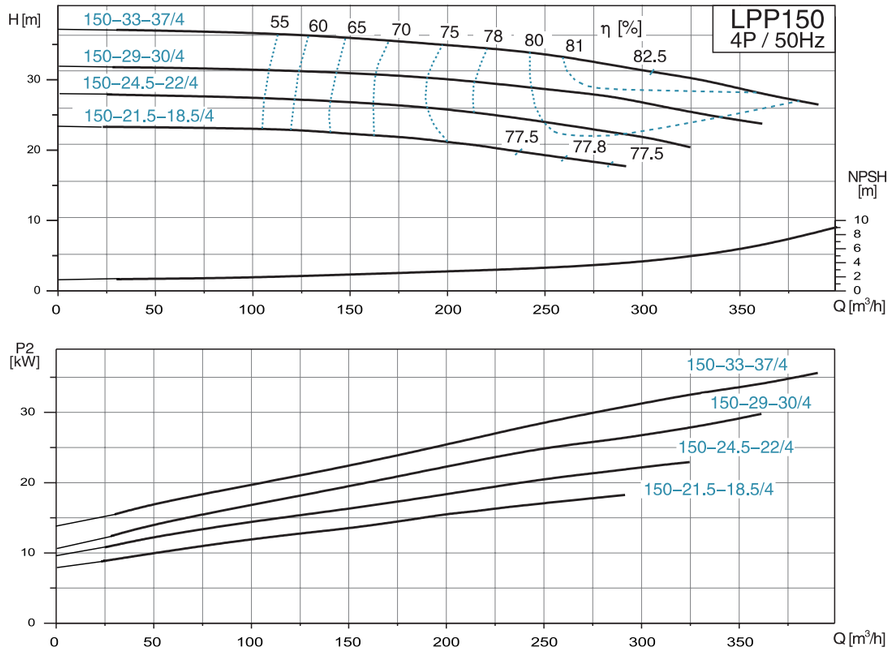



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP125-35-30/4 | 800 | 527 | 1191 | 250 | 280 | 265 | 228 | 400 | 299 | 397 |
| LPP125-31-22/4 | 800 | 495 | 1141 | 250 | 275 | 265 | 228 | 350 | 267 | 355 |
| LPP125-28-18.5/4 | 800 | 495 | 1095 | 250 | 275 | 265 | 228 | 350 | 267 | 355 |
| LPP125-24-15/4 | 800 | 493 | 1067 | 250 | 275 | 265 | 228 | 350 | 251 | 314 |
| LPP125-19-11/4 | 800 | 493 | 1023 | 250 | 275 | 265 | 228 | 350 | 251 | 314 |

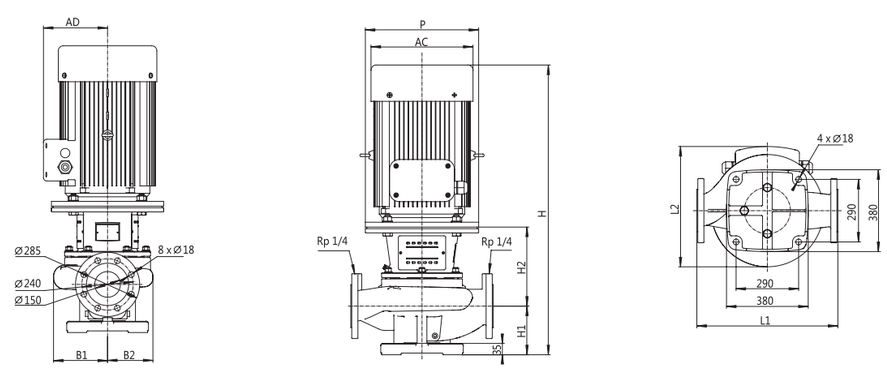


## Hydraulic Performance Curves

| LPP150 | 1480r/min |
|---|---|



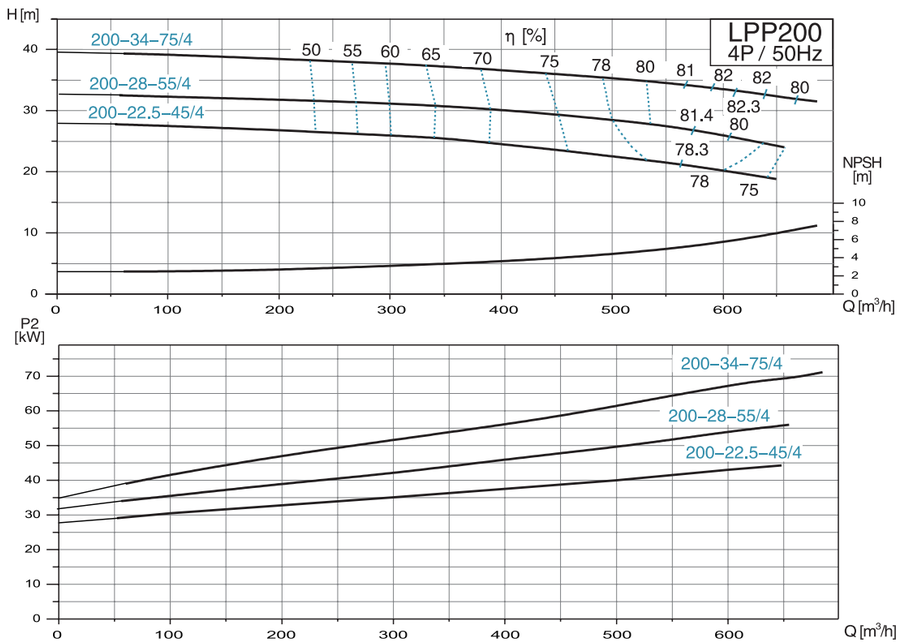

## Dimension Drawing



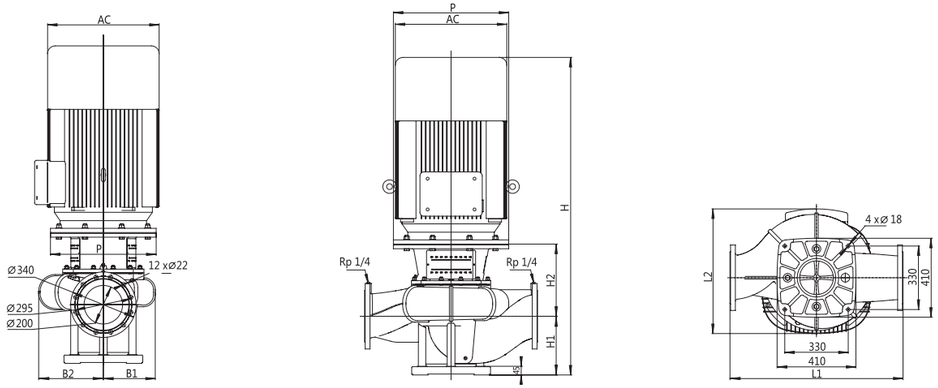

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP150-33-37/4 | 800 | 562 | 1250 | 235 | 330 | 291 | 240 | 450 | 322 | 446 |
| LPP150-29-30/4 | 800 | 539 | 1196 | 235 | 300 | 291 | 240 | 400 | 299 | 397 |
| LPP150-24.5-22/4 | 800 | 531 | 1146 | 235 | 295 | 291 | 240 | 350 | 267 | 355 |
| LPP150-21.5-18.5/4 | 800 | 531 | 1108 | 235 | 295 | 291 | 240 | 350 | 267 | 355 |

## Hydraulic Performance Curves

| LPP200 | 1480r/min |
|---|---|




## Dimension Drawing

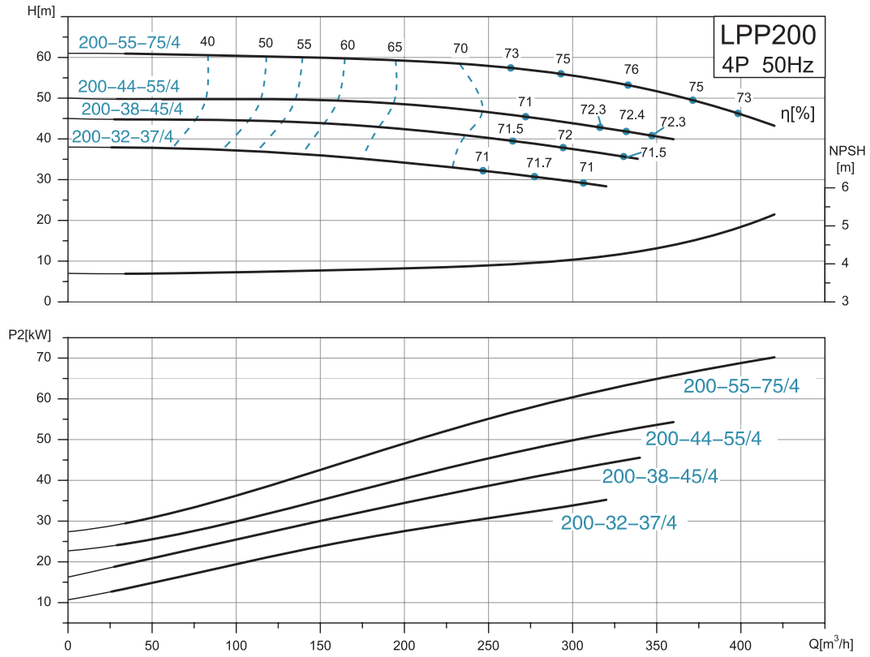



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP200-34-75/4 | 900 | 662 | 1517 | 300 | 375 | 337 | 270 | 550 | 387 | 547 |
| LPP200-28-55/4 | 900 | 633 | 1445 | 300 | 375 | 337 | 270 | 550 | 358 | 485 |
| LPP200-22.5-45/4 | 900 | 607 | 1375 | 300 | 365 | 337 | 270 | 450 | 322 | 446 |

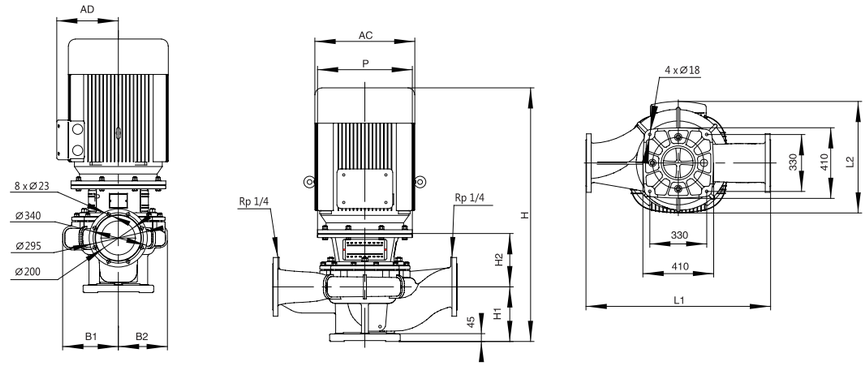


## Hydraulic Performance Curves

| LPP200 | 1480r/min |
|---|---|



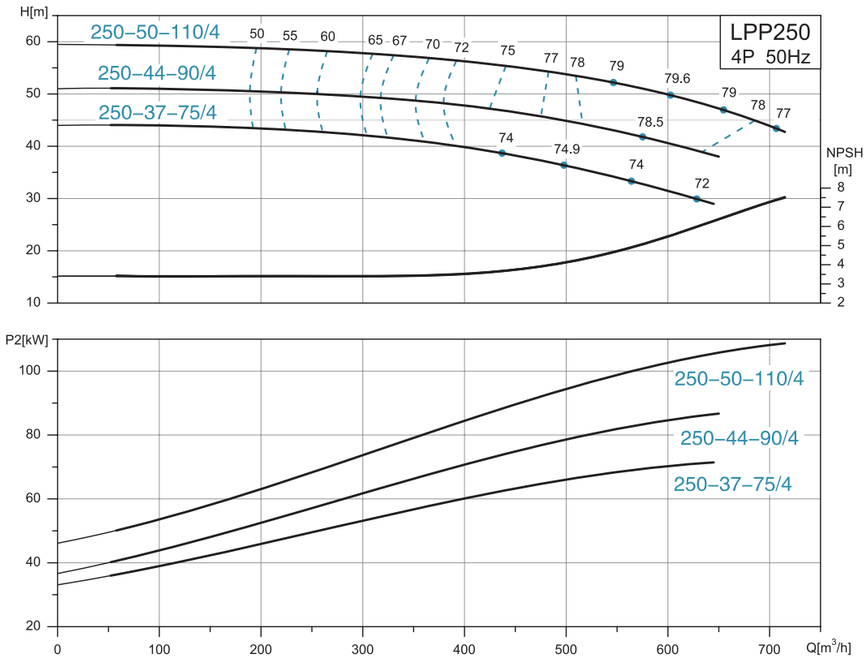

## Dimension Drawing



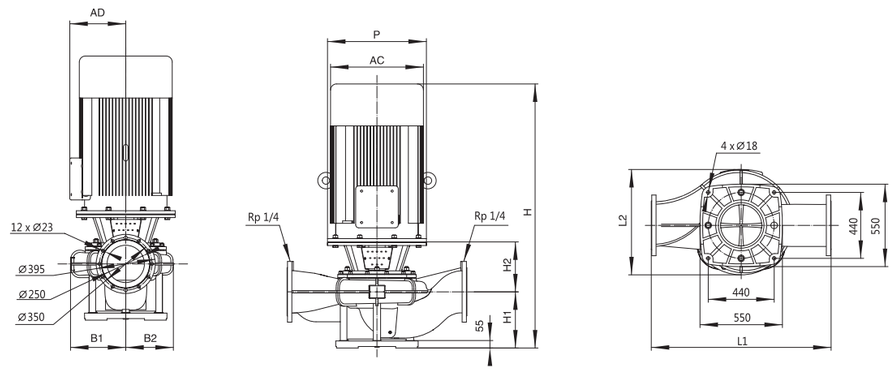

| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP200–55–75/4 | 1070 | 700 | 1471 | 317 | 309 | 323 | 284 | 550 | 410 | 580 |
| LPP200–44–55/4 | 1070 | 654 | 1396 | 317 | 309 | 323 | 284 | 550 | 370 | 510 |
| LPP200–38–45/4 | 1070 | 619 | 1326 | 317 | 309 | 323 | 284 | 450 | 335 | 470 |
| LPP200–32–37/4 | 1070 | 619 | 1301 | 317 | 309 | 323 | 284 | 450 | 335 | 470 |

## Hydraulic Performance Curves

| LPP250 | 1480r/min |
|---|---|




## Dimension Drawing

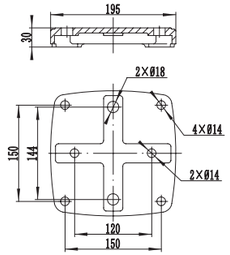



| Model | L1 (mm) | L2 (mm) | H (mm) | H1 (mm) | H2 (mm) | B1 (mm) | B2 (mm) | P (mm) | AD (mm) | AC (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LPP250–50–110/4 | 1200 | 860 | 1808 | 375 | 333 | 361 | 317 | 660 | 530 | 645 |
| LPP250–44–90/4 | 1200 | 727 | 1573 | 375 | 303 | 361 | 317 | 550 | 410 | 580 |
| LPP250–37–75/4 | 1200 | 727 | 1523 | 375 | 303 | 361 | 317 | 550 | 410 | 580 |



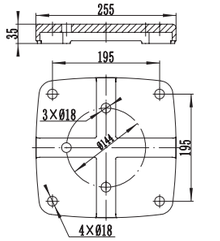
## Base Plate Installation

Base Plate 1



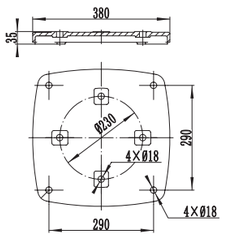

| Model | Model |
|---|---|
| LPP32-31-3/2 | LPP40-24.5-3/2 |
| LPP32-26-2.2/2 | LPP40-20.5-2.2/2 |
| LPP32-21-1.5/2 | LPP50-24-3/2 |
| LPP32-16-1.1/2 | LPP50-21-2.2/2 |
| LPP40-20.5-1.5/2 | LPP50-16-1.5/2 |
| LPP40-17.5-1.1/2 | LPP50-12-1.1/2 |
| LPP40-13-0.75/2 | LPP50-34-5.5/2 |
| LPP40-31-4/2 | LPP50-28-4/2 |

Base Plate 2




| Model | Model |
|---|---|
| LPP65-35-7.5/2 | LPP80-20-5.5/2 |
| LPP65-28-5.5/2 | LPP80-17-4/2 |
| LPP65-21-4/2 | LPP80-14-3/2 |
| LPP65-17-3/2 | LPP80-10.5-2.2/2 |
| LPP65-14-2.2/2 | LPP80-8.5-1.5/2 |
| LPP65-56-18.5/2 | LPP80-35-15/2 |
| LPP65-49-15/2 | LPP80-28-11/2 |
| LPP65-40-11/2 | LPP80-21.5-7.5/2 |

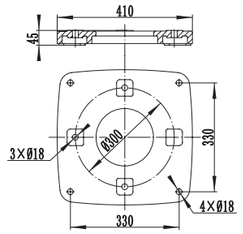
Base Plate 3




| Model | Model |
|---|---|
| LPP80-80-22/2 | LPP100-32-22/4 |
| LPP80-70-18.5/2 | LPP100-30-18.5/4 |
| LPP80-60-15/2 | LPP100-25-15/4 |
| LPP80-28-11/4 | LPP100-21-11/4 |
| LPP80-22-7.5/4 | LPP125-50-30/2 |
| LPP80-19-5.5/4 | LPP125-44-30/2 |
| LPP100-80-37/2 | LPP125-37.5-22/2 |
| LPP100-70-30/2 | LPP125-35-30/4 |
| LPP100-60-22/2 | LPP125-31-22/4 |
| LPP100-50-22/2 | LPP125-28-18.5/4 |
| LPP100-44-18.5/2 | LPP125-24-15/4 |
| LPP100-38-15/2 | LPP125-19-11/4 |
| LPP100-16-7.5/4 | LPP150-33-37/4 |
| LPP100-32-22/2 | LPP150-29-30/4 |
| LPP100-30-18.5/2 | LPP150-24.5-22/4 |
| LPP100-24-15/2 | LPP150-21.5-18.5/4 |
| LPP100-20-11/2 | |

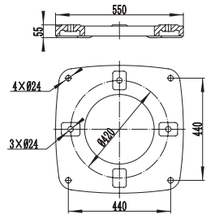
## Base Plate Installation

Base Plate 4




| Model |
|---|
| LPP200-34-75/4 |
| LPP200-28-55/4 |
| LPPP200-22.5-45/4 |
| LPP200-55-75/2 |
| LPP200-44-55/4 |
| LPP200-38-45/4 |
| LPP200-32-37/4 |

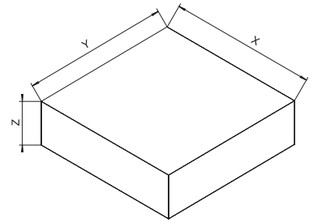
Base Plate 5




| Model |
|---|
| LPP250-50-110/4 |
| LPP250-44-90/4 |
| LPP250-37-75/4 |



## Pedestal Installation




| Model | Weight (kg) | X (mm) | Y (mm) | Z (mm) |
|---|---|---|---|---|
| LPP65-56-18.5/2 | 186 | 260 | 260 | 310 |
| LPP65-49-15/2 | 180 | 260 | 260 | 310 |
| LPP65-40-11/2 | 176 | 260 | 260 | 310 |
| LPP80-35-15/2 | 187 | 260 | 260 | 310 |
| LPP80-28-11/2 | 173 | 260 | 260 | 310 |
| LPP80-21.5-7.5/2 | 128 | 260 | 260 | 310 |
| LPP80-28-11/4 | 238 | 670 | 670 | 330 |
| LPP80-22-7.5/4 | 181 | 260 | 260 | 310 |
| LPP80-19-5.5/4 | 168 | 260 | 260 | 310 |
| LPP80-80-22/2 | 265 | 710 | 710 | 360 |
| LPP80-70-18.5/2 | 220 | 670 | 670 | 330 |
| LPP80-60-15/2 | 178 | 260 | 260 | 310 |
| LPP100-50-22/2 | 267 | 710 | 710 | 310 |
| LPP100-44-18.5/2 | 222 | 670 | 670 | 330 |
| LPP100-38-15/2 | 180 | 260 | 260 | 310 |
| LPP100-80-37/2 | 341 | 750 | 750 | 375 |
| LPP100-70-30/2 | 330 | 750 | 750 | 375 |
| LPP100-60-22/2 | 276 | 710 | 710 | 360 |
| LPP100-32-22/2 | 330 | 750 | 750 | 375 |
| LPP100-30-18.5/2 | 293 | 710 | 710 | 360 |
| LPP100-24-15/2 | 270 | 710 | 710 | 360 |
| LPP100-20-11/2 | 256 | 670 | 670 | 330 |
| LPP100-32-22/4 | 345 | 750 | 750 | 375 |
| LPP100-30-18.5/4 | 327 | 750 | 750 | 375 |
| LPP100-25-15/4 | 286 | 710 | 710 | 360 |
| LPP100-21-11/4 | 261 | 670 | 670 | 330 |
| LPP100-16-7.5/4 | 222 | 670 | 670 | 330 |
| LPP125-35-30/4 | 415 | 780 | 780 | 390 |
| LPP125-31-22/4 | 352 | 750 | 750 | 375 |
| LPP125-28-18.5/4 | 335 | 750 | 750 | 375 |
| LPP125-24-15/4 | 305 | 710 | 710 | 360 |
| LPP125-19-11/4 | 286 | 710 | 710 | 360 |
| LPP125-50-30/2 | 347 | 750 | 750 | 375 |
| LPP125-44-30/2 | 346 | 750 | 750 | 375 |
| LPP125-37.5-22/2 | 290 | 710 | 710 | 360 |
| LPP150-33-37/4 | 503 | 840 | 840 | 420 |
| LPP150-29-30/4 | 475 | 840 | 840 | 420 |
| LPP150-24.5-22/4 | 410 | 780 | 780 | 390 |
| LPP150-21.5-18.5/4 | 390 | 780 | 780 | 390 |
| LPP200-34-75/4 | 860 | 1010 | 1010 | 500 |
| LPP200-28-55/4 | 700 | 940 | 940 | 470 |
| LPP200-22.5-45/4 | 570 | 900 | 900 | 450 |
| LPP200-55-75/4 | 957 | 1010 | 1010 | 500 |
| LPP200-44-55/4 | 762 | 940 | 940 | 470 |
| LPP200-38-45/4 | 654 | 940 | 940 | 470 |
| LPP200-32-37/4 | 633 | 940 | 940 | 470 |
| LPP250-50-110/4 | 1512 | 1200 | 1200 | 560 |
| LPP250-44-90/4 | 1134 | 1100 | 1100 | 530 |
| LPP250-37-75/4 | 1092 | 1100 | 1100 | 530 |