

## LKP SERIES FORWARD-CURVED BLADE DOUBLE-INLET BELT-DRIVEN CENTRIFUGAL FAN



LKP series forward double air inlet belt driven centrifugal fan adopts a forward impeller with belt driven. The motor is located outside the volute and drives the fan impeller to rotate by the way of belt driven. The proper transmission ratio can make the rated working point of the fan match the required working condition well, improve the overall efficiency of the unit, and achieve the purpose of energy saving and environmental protection.

The **fluid model** of this series of fans has been optimized by **CFD** advanced technology, which not only increases the output pressure, but also reduces the noise and improves the efficiency. It has the characteristics of energy saving and low noise. It is especially suitable for **supporting various air conditioning, refrigeration, purification, air handling unit** and other products, and has been widely used in hotels, hotels, schools, hospitals, factories, mines and other fields.

LKP series of fans can be **customized with special matching motors of different voltages and frequencies** according to your needs, which is very convenient for application in different countries, regions and fields. The **motor installation position** of this series of fans can also be redesigned according to your requirements, which can be **placed above, below or on the side** of the fans to adapt to the spatial characteristics of your installation site.

### LKP series of fans has the following remarkable advantages:

1. The belt drive mode can **select the rated flow and pressure** of the fan at will;
2. The improved designed **forward multi wing impeller** with high pressure, low noise, environmental protection and energy saving is adopted;
3. The **direction of the air outlet and the installation position of the motor** can be specially customized, and the installation form is flexible and convenient;

4. Our **self-developed matching motors** have better reliability and service life than ordinary motors after with optimization of power;

### Model Definition

Example: LKW 250 M 2- 4 C3 X

**Model Number consists of seven parts.**

#### **Part 1: Model Code;**

No. 1 L: centrifugal fan;

No.2 K: air ventilation;

No. 3 P: belt driven; W: external rotor motor drive; Z: shaft drive;

No. 4 None: single-case, double inlet; D: single-case, single-inlet; S: double-case, double-inlet; W: single-inlet without case; G: duct fan; H: back curved blade;

#### **Part 2: wheel diameter code, unit is mm;**

#### **Part 3: case width code, up to 2 bits;**

SS: tiny width; S: small width; M: medium width; L: large width;

#### **Part 4: designing sequence codes in numbers;**

#### **Part 5: motor pole, EC means brushless DC motor;**

|            |                       |                        |              |                       |
|------------|-----------------------|------------------------|--------------|-----------------------|
| code       | 2                     | 4                      | 6            | 4/6                   |
| meaning to | 2-pole motor          | 4-pole motor           | 6-pole motor | 4/6-pole double-speed |
| code       | 6/8                   | 4/6/8                  | EC           |                       |
| meaning to | 6/8-pole double-speed | 4/6/8-pole three-speed | BLDC motor   |                       |

#### **Part 6: specific code for single-phase motor**

|            |                        |                           |                        |                          |
|------------|------------------------|---------------------------|------------------------|--------------------------|
| code       | none                   | C                         | C2                     | C3                       |
| meaning to | non-single-phase motor | single-phase single-speed | single-phase two-speed | single-phase three-speed |

#### **Part 7: motor installation types**

|      |   |
|------|---|
| code | meaning to  |
| none | b3 motor; belt-drive rear installation or shaft-drive horizontal installation |
| l    | b5 motor, shaft-drive vertical installation                                   |
| x    | b3 motor, belt-drive down installation  |
| d    | b3 motor, belt-drive top installation   |
| e    | b3 motor, belt-drive side installation  |

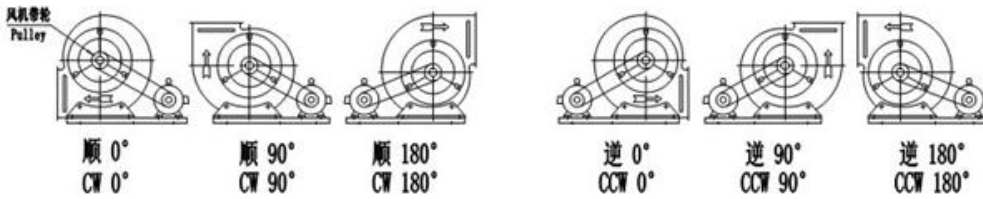
Such as LKP300L-4 is centrifugal air conditioning fan, blade diameter 300mm with large width, motor poles 4.

### Installation Method

1) The installation of LKP series centrifugal fan has three main types according to the outlet angle (between fan outlet and mounting surface): 0 °, 90 °, 180 °. It can also be customized to other directions according to the needs of users.

2) The **rotating direction** of centrifugal fan is divided into CW and CCW according to the rotating direction of

impeller. To Belt-drive Centrifugal Fans: facing the fan pulley, the clockwise direction of impeller rotation is called CW, and the counter-clockwise direction of impeller rotation is called CCW.



\*\*\*The default rotation direction of our centrifugal fans is CW. If users want different rotation directions, must point out clearly at the time of ordering.\*\*\*

### Technical Parameters

| Model No.  | Speed (rpm) | Rated performance          |               |             | Volume Range (m <sup>3</sup> /h) | Voltage (V) | freq. (Hz) | Motor Frame | Power (kW) | Current (A) | Weight (kg) |
|------------|-------------|----------------------------|---------------|-------------|----------------------------------|-------------|------------|-------------|------------|-------------|-------------|
|            |             | Volume (m <sup>3</sup> /h) | Pressure (Pa) | Noise dB(A) |                                  |             |            |             |            |             |             |
| LKP250S-4  | 1000        | 1600                       | 250           | 65          | 1350~1800                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 46          |
|            | 1100        | 1800                       | 300           | 67          | 1500~2000                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 46          |
|            | 1200        | 2000                       | 360           | 69          | 1700~2200                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 46          |
|            | 1300        | 2200                       | 430           | 71          | 1850~2400                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 46          |
|            | 1400        | 2400                       | 500           | 73          | 2000~2600                        | 380         | 50         | Y802-4      | 0.75       | 2           | 46          |
| LKP250M-4  | 1000        | 2300                       | 250           | 67          | 1950~2500                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 48          |
|            | 1100        | 2500                       | 300           | 69          | 2100~2800                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 48          |
|            | 1200        | 2800                       | 360           | 71          | 2350~3100                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 48          |
|            | 1300        | 3000                       | 430           | 72          | 2550~3300                        | 380         | 50         | Y802-4      | 0.75       | 2           | 49          |
|            | 1400        | 3300                       | 500           | 74          | 2800~3600                        | 380         | 50         | Y90S-4      | 1.1        | 2.7         | 55          |
| LKP250L-4  | 1000        | 2800                       | 250           | 68          | 2350~3100                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 50          |
|            | 1100        | 3100                       | 300           | 70          | 2600~3400                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 50          |
|            | 1200        | 3400                       | 360           | 72          | 2850~3700                        | 380         | 50         | Y802-4      | 0.75       | 2           | 51          |
|            | 1300        | 3700                       | 430           | 74          | 3100~4100                        | 380         | 50         | Y90S-4      | 1.1        | 2.7         | 57          |
|            | 1400        | 4000                       | 500           | 75          | 3400~4400                        | 380         | 50         | Y90S-4      | 1.1        | 2.7         | 57          |
| LKP280SS-4 | 900         | 2700                       | 280           | 66          | 2250~3000                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 50          |
|            | 1000        | 3000                       | 350           | 68          | 2550~3300                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 50          |
|            | 1100        | 3300                       | 420           | 70          | 2800~3600                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 50          |
|            | 1200        | 3600                       | 500           | 72          | 3050~4000                        | 380         | 50         | Y802-4      | 0.75       | 2           | 51          |
|            | 1300        | 3900                       | 580           | 74          | 3300~4300                        | 380         | 50         | Y90S-4      | 1.1        | 2.7         | 57          |
|            | 1400        | 4200                       | 670           | 76          | 3550~4600                        | 380         | 50         | Y90S-4      | 1.1        | 2.7         | 57          |
| LKP280S-4  | 900         | 3200                       | 280           | 68          | 2700~3500                        | 380         | 50         | Y801-4      | 0.55       | 1.5         | 52          |
|            | 1000        | 3500                       | 350           | 70          | 2950~3900                        | 380         | 50         | Y802-4      | 0.75       | 2           | 53          |
|            | 1100        | 3800                       | 420           | 73          | 3200~4200                        | 380         | 50         | Y90S-4      | 1.1        | 2.7         | 59          |
|            | 1200        | 4100                       | 500           | 74          | 3450~4500                        | 380         | 50         | Y90S-4      | 1.1        | 2.7         | 59          |
|            | 1300        | 4600                       | 580           | 76          | 3900~5100                        | 380         | 50         | Y90L-4      | 1.5        | 3.7         | 62          |



|            |      |      |     |    |           |     |    |          |      |     |    |
|------------|------|------|-----|----|-----------|-----|----|----------|------|-----|----|
|            | 1400 | 5000 | 670 | 78 | 4250~5500 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 71 |
| LKP280M-4  | 900  | 4100 | 280 | 71 | 3450~4500 | 380 | 50 | Y802-4   | 0.75 | 2   | 57 |
|            | 1000 | 4600 | 350 | 73 | 3900~5100 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 63 |
|            | 1100 | 5100 | 420 | 75 | 4300~5600 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 66 |
|            | 1200 | 5600 | 500 | 76 | 4750~6200 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 74 |
|            | 1300 | 6100 | 580 | 78 | 5150~6700 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 74 |
|            | 1400 | 6500 | 670 | 80 | 5500~7200 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 77 |
| LKP280L-4  | 900  | 5100 | 280 | 72 | 4300~5600 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 65 |
|            | 1000 | 5600 | 350 | 74 | 4750~6200 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 68 |
|            | 1100 | 6200 | 420 | 75 | 5250~6800 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 68 |
|            | 1200 | 6800 | 500 | 78 | 5750~7500 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 76 |
|            | 1300 | 7400 | 580 | 80 | 6250~8100 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 79 |
|            | 1400 | 8000 | 670 | 81 | 6800~8800 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 79 |
| LKP300SS-4 | 900  | 2500 | 310 | 68 | 2100~2800 | 380 | 50 | Y801-4   | 0.55 | 1.5 | 59 |
|            | 1000 | 2700 | 380 | 71 | 2250~3000 | 380 | 50 | Y802-4   | 0.75 | 2   | 60 |
|            | 1100 | 3000 | 460 | 73 | 2550~3300 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 63 |
|            | 1200 | 3300 | 550 | 75 | 2800~3600 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 63 |
|            | 1300 | 3600 | 650 | 77 | 3050~4000 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 66 |
|            | 1400 | 4000 | 760 | 78 | 3400~4400 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 74 |
| LKP300S-4  | 900  | 3800 | 310 | 70 | 3200~4200 | 380 | 50 | Y802-4   | 0.75 | 2   | 62 |
|            | 1000 | 4200 | 380 | 73 | 3550~4600 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 65 |
|            | 1100 | 4600 | 460 | 75 | 3900~5100 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 65 |
|            | 1200 | 5100 | 550 | 77 | 4300~5600 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 68 |
|            | 1300 | 5500 | 650 | 79 | 4650~6100 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 76 |
|            | 1400 | 6000 | 760 | 80 | 5100~6600 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 79 |
| LKP300M-4  | 900  | 4600 | 310 | 73 | 3900~5100 | 380 | 50 | Y802-4   | 0.75 | 2   | 64 |
|            | 1000 | 5100 | 380 | 75 | 4300~5600 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 67 |
|            | 1100 | 5600 | 460 | 77 | 4750~6200 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 70 |
|            | 1200 | 6100 | 550 | 78 | 5150~6700 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 75 |
|            | 1300 | 6700 | 650 | 81 | 5650~7400 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 79 |
|            | 1400 | 7200 | 760 | 83 | 6100~7900 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 79 |
| LKP300L-4  | 900  | 5600 | 310 | 73 | 4750~6200 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 65 |
|            | 1000 | 6200 | 380 | 75 | 5250~6800 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 68 |
|            | 1100 | 6800 | 460 | 77 | 5750~7500 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 76 |
|            | 1200 | 7400 | 550 | 79 | 6250~8100 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 76 |
|            | 1300 | 8100 | 650 | 81 | 6850~8900 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 79 |
|            | 1400 | 8800 | 760 | 83 | 7450~9700 | 380 | 50 | Y112M-4  | 4    | 8.8 | 87 |
| LKP315SS-4 | 800  | 3000 | 280 | 69 | 2550~3300 | 380 | 50 | Y801-4   | 0.55 | 1.5 | 49 |
|            | 900  | 3300 | 360 | 71 | 2800~3600 | 380 | 50 | Y802-4   | 0.75 | 2   | 50 |
|            | 1000 | 3600 | 440 | 73 | 3050~4000 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 56 |



|           |      |      |      |    |           |     |    |          |      |     |     |
|-----------|------|------|------|----|-----------|-----|----|----------|------|-----|-----|
|           | 1100 | 4000 | 540  | 75 | 3400~4400 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 56  |
|           | 1200 | 4400 | 640  | 77 | 3700~4800 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 59  |
|           | 1300 | 4800 | 750  | 80 | 4050~5300 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 67  |
|           | 1400 | 5200 | 880  | 82 | 4400~5700 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 70  |
| LKP315S-4 | 800  | 3600 | 280  | 71 | 3050~4000 | 380 | 50 | Y801-4   | 0.55 | 1.5 | 59  |
|           | 900  | 4000 | 360  | 73 | 3400~4400 | 380 | 50 | Y802-4   | 0.75 | 2   | 60  |
|           | 1000 | 4500 | 440  | 75 | 3800~5000 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 66  |
|           | 1100 | 5000 | 540  | 77 | 4250~5500 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 69  |
|           | 1200 | 5500 | 640  | 79 | 4650~6100 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 77  |
|           | 1300 | 6000 | 750  | 82 | 5100~6600 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 80  |
|           | 1400 | 6500 | 880  | 84 | 5500~7200 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 80  |
| LKP315M-4 | 800  | 4500 | 280  | 71 | 3800~5000 | 380 | 50 | Y802-4   | 0.75 | 2   | 63  |
|           | 900  | 5000 | 360  | 73 | 4250~5500 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 69  |
|           | 1000 | 5600 | 440  | 76 | 4750~6200 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 72  |
|           | 1100 | 6200 | 540  | 78 | 5250~6800 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 80  |
|           | 1200 | 6800 | 640  | 80 | 5750~7500 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 83  |
|           | 1300 | 7500 | 750  | 81 | 6350~8300 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 83  |
|           | 1400 | 8200 | 880  | 83 | 6950~9000 | 380 | 50 | Y112M-4  | 4    | 8.8 | 92  |
| LKP315L-4 | 800  | 5000 | 280  | 72 | 4250~5500 | 380 | 50 | Y802-4   | 0.75 | 2   | 69  |
|           | 900  | 5600 | 360  | 75 | 4750~6200 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 72  |
|           | 1000 | 6200 | 440  | 77 | 5250~6800 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 75  |
|           | 1100 | 6800 | 540  | 79 | 5750~7500 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 83  |
|           | 1200 | 7500 | 640  | 81 | 6350~8300 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 86  |
|           | 1300 | 8200 | 750  | 83 | 6950~9000 | 380 | 50 | Y112M-4  | 4    | 8.8 | 95  |
|           | 1400 | 8900 | 880  | 84 | 7550~9800 | 380 | 50 | Y112M-4  | 4    | 8.8 | 95  |
| LKP355S-4 | 800  | 3000 | 340  | 69 | 2550~3300 | 380 | 50 | Y802-4   | 0.75 | 2   | 65  |
|           | 900  | 3300 | 430  | 72 | 2800~3600 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 71  |
|           | 1000 | 3600 | 530  | 73 | 3050~4000 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 71  |
|           | 1100 | 4000 | 640  | 76 | 3400~4400 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 74  |
|           | 1200 | 4400 | 750  | 78 | 3700~4800 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 82  |
|           | 1300 | 4800 | 870  | 79 | 4050~5300 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 85  |
|           | 1400 | 5200 | 1000 | 81 | 4400~5700 | 380 | 50 | Y112M-4  | 4    | 8.8 | 93  |
| LKP355L-4 | 800  | 4200 | 340  | 71 | 3550~4600 | 380 | 50 | Y802-4   | 0.75 | 2   | 77  |
|           | 900  | 4600 | 430  | 74 | 3900~5100 | 380 | 50 | Y90S-4   | 1.1  | 2.7 | 83  |
|           | 1000 | 5000 | 530  | 75 | 4250~5500 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 86  |
|           | 1100 | 5500 | 640  | 78 | 4650~6100 | 380 | 50 | Y100L1-4 | 2.2  | 5   | 94  |
|           | 1200 | 6100 | 750  | 80 | 5150~6700 | 380 | 50 | Y100L2-4 | 3    | 6.8 | 97  |
|           | 1300 | 6700 | 870  | 81 | 5650~7400 | 380 | 50 | Y112M-4  | 4    | 8.8 | 105 |
|           | 1400 | 7300 | 1000 | 83 | 6200~8000 | 380 | 50 | Y112M-4  | 4    | 8.8 | 105 |
| LKP355M-4 | 800  | 6500 | 340  | 73 | 5500~7200 | 380 | 50 | Y90L-4   | 1.5  | 3.7 | 93  |



|            |      |       |      |    |             |     |    |          |     |      |     |
|------------|------|-------|------|----|-------------|-----|----|----------|-----|------|-----|
|            | 900  | 7200  | 430  | 76 | 6100~7900   | 380 | 50 | Y100L1-4 | 2.2 | 5    | 101 |
|            | 1000 | 8000  | 530  | 78 | 6800~8800   | 380 | 50 | Y100L2-4 | 3   | 6.8  | 104 |
|            | 1100 | 8800  | 640  | 80 | 7450~9700   | 380 | 50 | Y112M-4  | 4   | 8.8  | 112 |
|            | 1200 | 9600  | 750  | 82 | 8150~10600  | 380 | 50 | Y112M-4  | 4   | 8.8  | 112 |
|            | 1300 | 10500 | 870  | 84 | 8900~11600  | 380 | 50 | Y132S-4  | 5.5 | 11.6 | 140 |
|            | 1400 | 11500 | 1000 | 86 | 9750~12700  | 380 | 50 | Y132M-4  | 7.5 | 15.4 | 152 |
| LKP355L-4  | 800  | 7800  | 340  | 74 | 6600~8600   | 380 | 50 | Y90L-4   | 1.5 | 3.7  | 99  |
|            | 900  | 8700  | 430  | 76 | 7350~9600   | 380 | 50 | Y100L1-4 | 2.2 | 5    | 107 |
|            | 1000 | 9600  | 530  | 79 | 8150~10600  | 380 | 50 | Y100L2-4 | 3   | 6.8  | 110 |
|            | 1100 | 10500 | 640  | 81 | 8900~11600  | 380 | 50 | Y112M-4  | 4   | 8.8  | 118 |
|            | 1200 | 11500 | 750  | 83 | 9750~12700  | 380 | 50 | Y132S-4  | 5.5 | 11.6 | 146 |
|            | 1300 | 12500 | 870  | 85 | 1060 ~1380  | 380 | 50 | Y132M-4  | 7.5 | 15.4 | 158 |
| LKP400SS-4 | 700  | 4000  | 330  | 70 | 3400~4400   | 380 | 50 | Y90S-4   | 1.1 | 2.7  | 83  |
|            | 800  | 4500  | 440  | 73 | 3800~5000   | 380 | 50 | Y90S-4   | 1.1 | 2.7  | 83  |
|            | 900  | 5000  | 550  | 75 | 4250~5500   | 380 | 50 | Y90L-4   | 1.5 | 3.7  | 91  |
|            | 1000 | 5500  | 670  | 78 | 4650~6100   | 380 | 50 | Y100L1-4 | 2.2 | 5    | 94  |
|            | 1100 | 6000  | 800  | 80 | 5100~6600   | 380 | 50 | Y100L2-4 | 3   | 6.8  | 102 |
|            | 1200 | 6500  | 970  | 81 | 5500~7200   | 380 | 50 | Y112M-4  | 4   | 8.8  | 128 |
| LKP400S-4  | 700  | 5000  | 330  | 71 | 4250~5500   | 380 | 50 | Y90S-4   | 1.1 | 2.7  | 90  |
|            | 800  | 5700  | 440  | 74 | 4800~6300   | 380 | 50 | Y90L-4   | 1.5 | 3.7  | 93  |
|            | 900  | 6500  | 550  | 76 | 5500~7200   | 380 | 50 | Y100L1-4 | 2.2 | 5    | 101 |
|            | 1000 | 7300  | 670  | 79 | 6200~8000   | 380 | 50 | Y100L2-4 | 3   | 6.8  | 104 |
|            | 1100 | 8100  | 800  | 81 | 6850~8900   | 380 | 50 | Y112M-4  | 4   | 8.8  | 112 |
|            | 1200 | 8900  | 970  | 82 | 7550~9800   | 380 | 50 | Y132S-4  | 5.5 | 11.6 | 140 |
| LKP400M-4  | 700  | 6000  | 330  | 72 | 5100~6600   | 380 | 50 | Y90L-4   | 1.5 | 3.7  | 98  |
|            | 800  | 6800  | 440  | 75 | 5750~7500   | 380 | 50 | Y100L1-4 | 2.2 | 5    | 107 |
|            | 900  | 7600  | 550  | 78 | 6450~8400   | 380 | 50 | Y100L2-4 | 3   | 6.8  | 110 |
|            | 1000 | 8500  | 670  | 80 | 7200~9400   | 380 | 50 | Y112M-4  | 4   | 8.8  | 118 |
|            | 1100 | 9500  | 800  | 82 | 8050~10500  | 380 | 50 | Y132S-4  | 5.5 | 11.6 | 146 |
|            | 1200 | 10500 | 970  | 84 | 8900~11600  | 380 | 50 | Y132M-4  | 7.5 | 15.4 | 158 |
| LKP400L-4  | 700  | 7000  | 330  | 74 | 5950~7700   | 380 | 50 | Y90L-4   | 1.5 | 3.7  | 104 |
|            | 800  | 8100  | 440  | 76 | 6850~8900   | 380 | 50 | Y100L1-4 | 2.2 | 5    | 113 |
|            | 900  | 9300  | 550  | 79 | 7900~10200  | 380 | 50 | Y100L2-4 | 3   | 6.8  | 116 |
|            | 1000 | 10500 | 670  | 82 | 8900~11600  | 380 | 50 | Y112M-4  | 4   | 8.8  | 136 |
|            | 1100 | 11700 | 800  | 84 | 9900~12900  | 380 | 50 | Y132S-4  | 5.5 | 11.6 | 151 |
|            | 1200 | 13000 | 970  | 86 | 11050~14300 | 380 | 50 | Y132M-4  | 7.5 | 15.4 | 163 |



|            |      |       |      |    |              |     |    |          |      |      |     |
|------------|------|-------|------|----|--------------|-----|----|----------|------|------|-----|
|            | 1300 | 14300 | 1150 | 87 | 12150~15700  | 380 | 50 | Y160M-4  | 11   | 22.6 | 211 |
| LKP450SS-4 | 600  | 6800  | 320  | 72 | 5750~7500    | 380 | 50 | Y90L-4   | 1.5  | 3.7  | 127 |
|            | 700  | 8000  | 440  | 75 | 6800~8800    | 380 | 50 | Y100L1-4 | 2.2  | 5    | 139 |
|            | 800  | 9300  | 570  | 79 | 7900~10200   | 380 | 50 | Y100L2-4 | 3    | 6.8  | 147 |
|            | 900  | 10700 | 730  | 81 | 9050~11800   | 380 | 50 | Y112M-4  | 4    | 8.8  | 174 |
|            | 1000 | 12000 | 900  | 84 | 10200 ~13200 | 380 | 50 | Y132S-4  | 5.5  | 11.6 | 196 |
|            | 1100 | 13300 | 1100 | 86 | 11300 ~14600 | 380 | 50 | Y132M-4  | 7.5  | 15.4 | 233 |
|            | 1200 | 13600 | 1310 | 87 | 11550 ~15000 | 380 | 50 | Y160M-4  | 11   | 22.6 | 248 |
| LKP450S-4  | 600  | 8000  | 320  | 73 | 6800~8800    | 380 | 50 | Y90L-4   | 1.5  | 3.7  | 142 |
|            | 700  | 9500  | 440  | 76 | 8050~10500   | 380 | 50 | Y100L2-4 | 3    | 6.8  | 154 |
|            | 800  | 11000 | 570  | 80 | 9350~12100   | 380 | 50 | Y112M-4  | 4    | 8.8  | 162 |
|            | 900  | 12500 | 730  | 82 | 10600~13800  | 380 | 50 | Y132S-4  | 5.5  | 11.6 | 189 |
|            | 1000 | 14000 | 900  | 85 | 11900~15400  | 380 | 50 | Y132M-4  | 7.5  | 15.4 | 201 |
|            | 1100 | 15500 | 1100 | 87 | 13150~17100  | 380 | 50 | Y160M-4  |      | 22.6 | 248 |
|            | 1200 | 17000 | 1310 | 88 | 14450 ~18700 | 380 | 50 | Y160L-4  | 15   | 30   | 263 |
| LKP450M-4  | 600  | 10000 | 320  | 74 | 8500~11000   | 380 | 50 | Y100L1-4 | 2.2  | 5    | 158 |
|            | 700  | 11600 | 440  | 78 | 9850~12800   | 380 | 50 | Y100L2-4 | 3    | 6.8  | 161 |
|            | 800  | 13200 | 570  | 81 | 11200~14500  | 380 | 50 | Y132S-4  | 5.5  | 11.6 | 196 |
|            | 900  | 15000 | 730  | 83 | 12750~16500  | 380 | 50 | Y132M-4  | 7.5  | 15.4 | 208 |
|            | 1000 | 16800 | 900  | 85 | 14250~18500  | 380 | 50 | Y160M-4  | 11   | 22.6 | 255 |
|            | 1100 | 18600 | 1100 | 87 | 15800~20500  | 380 | 50 | Y160M-4  | 11   | 22.6 | 255 |
|            | 1200 | 20500 | 1310 | 89 | 17400~22600  | 380 | 50 | Y160L-4  | 15   | 30   | 270 |
| LKP450L-4  | 600  | 12000 | 320  | 75 | 10200~13200  | 380 | 50 | Y100L1-4 | 2.2  | 5    | 164 |
|            | 700  | 14000 | 440  | 79 | 11900~15400  | 380 | 50 | Y112M-4  | 4    | 8.8  | 175 |
|            | 800  | 16000 | 570  | 81 | 13600~17600  | 380 | 50 | Y132S-4  | 5.5  | 11.6 | 202 |
|            | 900  | 18000 | 730  | 84 | 15300~19800  | 380 | 50 | Y132M-4  | 7.5  | 15.4 | 214 |
|            | 1000 | 20000 | 900  | 86 | 17000~22000  | 380 | 50 | Y160M-4  | 11   | 22.6 | 261 |
|            | 1100 | 22000 | 1100 | 88 | 18700~24200  | 380 | 50 | Y160L-4  | 15   | 30   | 276 |
|            | 1200 | 24000 | 1310 | 91 | 20400~26400  | 380 | 50 | Y180M-4  | 18.5 | 35.9 | 311 |
| LKP500SS-4 | 600  | 11000 | 380  | 75 | 9350 ~12100  | 380 | 50 | Y100L1-4 | 2.2  | 5    | 163 |
|            | 700  | 12500 | 520  | 78 | 10600~13800  | 380 | 50 | Y112M-4  | 4    | 8.8  | 174 |
|            | 800  | 14000 | 680  | 81 | 11900~15400  | 380 | 50 | Y132S-4  | 5.5  | 11.6 | 201 |
|            | 900  | 15700 | 860  | 83 | 13300~17300  | 380 | 50 | Y132M-4  | 7.5  | 15.4 | 213 |
|            | 1000 | 17500 | 1050 | 85 | 14850~19300  | 380 | 50 | Y160M-4  | 11   | 22.6 | 260 |
|            | 1100 | 19300 | 1300 | 88 | 16400~21200  | 380 | 50 | Y160L-4  | 15   | 30   | 275 |
|            | 1150 | 20000 | 1400 | 89 | 17000~22000  | 380 | 50 | Y160L-4  | 15   | 30   | 275 |
| LKP500S-4  | 600  | 13000 | 380  | 76 | 11050~14300  | 380 | 50 | Y100L2-4 | 3    | 6.8  | 172 |
|            | 700  | 15000 | 520  | 78 | 12750~16500  | 380 | 50 | Y132S-4  | 5.5  | 11.6 | 207 |
|            | 800  | 17000 | 680  | 81 | 14450~18700  | 380 | 50 | Y132M-4  | 7.5  | 15.4 | 219 |
|            | 900  | 19000 | 860  | 84 | 16150~20900  | 380 | 50 | Y160M-4  | 11   | 22.6 | 266 |





|            |      |       |      |    |             |     |    |         |      |      |     |
|------------|------|-------|------|----|-------------|-----|----|---------|------|------|-----|
|            | 1000 | 21000 | 1050 | 86 | 17850~23100 | 380 | 50 | Y160L-4 | 15   | 30   | 281 |
|            | 1100 | 23000 | 1300 | 88 | 19550~25300 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 316 |
|            | 1150 | 24000 | 1400 | 90 | 20400~26400 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 316 |
| LKP500M-4  | 600  | 15000 | 380  | 76 | 12750~16500 | 380 | 50 | Y112M-4 | 4    | 8.8  | 186 |
|            | 700  | 17500 | 520  | 79 | 14850~19300 | 380 | 50 | Y132S-4 | 5.5  | 11.6 | 213 |
|            | 800  | 20000 | 680  | 82 | 17000~22000 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 225 |
|            | 900  | 22500 | 860  | 85 | 19100~24800 | 380 | 50 | Y160M-4 | 11   | 22.6 | 272 |
|            | 1000 | 25000 | 1050 | 87 | 21250~27500 | 380 | 50 | Y160L-4 | 15   | 30   | 287 |
|            | 1100 | 27500 | 1300 | 89 | 23350~30300 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 323 |
|            | 1150 | 29000 | 1400 | 90 | 24650~31900 | 380 | 50 | Y180L-4 | 22   | 42.9 | 342 |
| LKP500L-4  | 600  | 17000 | 380  | 76 | 14450~18700 | 380 | 50 | Y112M-4 | 4    | 8.8  | 200 |
|            | 700  | 19500 | 520  | 79 | 16550~21500 | 380 | 50 | Y132S-4 | 5.5  | 11.6 | 227 |
|            | 800  | 22000 | 680  | 82 | 18700~24200 | 380 | 50 | Y160M-4 | 11   | 22.6 | 286 |
|            | 900  | 25000 | 860  | 84 | 21250~27500 | 380 | 50 | Y160L-4 | 15   | 30   | 301 |
|            | 1000 | 28000 | 1050 | 87 | 23800~30800 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 336 |
|            | 1100 | 31000 | 1300 | 89 | 26350~34100 | 380 | 50 | Y180L-4 | 22   | 42.9 | 378 |
| LKP560SS-4 | 600  | 14000 | 480  | 76 | 11900~15400 | 380 | 50 | Y112M-4 | 4    | 8.8  | 203 |
|            | 650  | 15000 | 550  | 78 | 12750~16500 | 380 | 50 | Y112M-4 | 4    | 8.8  | 203 |
|            | 700  | 16000 | 640  | 80 | 13600~17600 | 380 | 50 | Y132S-4 | 5.5  | 11.6 | 230 |
|            | 750  | 17000 | 740  | 82 | 14450~18700 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 243 |
|            | 800  | 18200 | 840  | 83 | 15450~20000 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 243 |
|            | 850  | 19400 | 950  | 84 | 16450~21300 | 380 | 50 | Y160M-4 | 11   | 22.6 | 289 |
|            | 900  | 20600 | 1060 | 85 | 17500~22700 | 380 | 50 | Y160M-4 | 11   | 22.6 | 289 |
|            | 950  | 21800 | 1180 | 87 | 18500~24000 | 380 | 50 | Y160L-4 | 15   | 30   | 304 |
|            | 1000 | 23000 | 1300 | 88 | 19550~25300 | 380 | 50 | Y160L-4 | 15   | 30   | 304 |
| LKP560S-4  | 600  | 17500 | 480  | 77 | 14850~19300 | 380 | 50 | Y132S-4 | 5.5  | 11.6 | 246 |
|            | 650  | 18700 | 550  | 79 | 15850~20600 | 380 | 50 | Y132S-4 | 5.5  | 11.6 | 246 |
|            | 700  | 20000 | 640  | 80 | 17000~22000 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 258 |
|            | 750  | 21500 | 740  | 82 | 18250~23700 | 380 | 50 | Y160M-4 | 11   | 22.6 | 305 |
|            | 800  | 23000 | 840  | 83 | 19550~25300 | 380 | 50 | Y160M-4 | 11   | 22.6 | 305 |
|            | 850  | 24500 | 950  | 85 | 20800~27000 | 380 | 50 | Y160L-4 | 15   | 30   | 320 |
|            | 900  | 26000 | 1060 | 86 | 22100~28600 | 380 | 50 | Y160L-4 | 15   | 30   | 320 |
|            | 950  | 27500 | 1180 | 87 | 23350~30300 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 355 |
|            | 1000 | 29000 | 1300 | 88 | 24650~31900 | 380 | 50 | Y180L-4 | 22   | 42.9 | 375 |
| LKP560M-4  | 600  | 25000 | 480  | 78 | 21250~27500 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 276 |
|            | 650  | 27000 | 550  | 81 | 22950~29700 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 276 |
|            | 700  | 29400 | 640  | 82 | 24950~32300 | 380 | 50 | Y160M-4 | 11   | 22.6 | 323 |
|            | 750  | 31800 | 740  | 83 | 27000~35000 | 380 | 50 | Y160L-4 | 15   | 30   | 338 |
|            | 800  | 34200 | 840  | 85 | 29050~37600 | 380 | 50 | Y160L-4 | 15   | 30   | 338 |
|            | 850  | 36600 | 950  | 86 | 31100~40300 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 373 |





|            |      |       |      |    |             |     |    |         |      |      |     |
|------------|------|-------|------|----|-------------|-----|----|---------|------|------|-----|
|            | 900  | 39000 | 1060 | 87 | 33150~42900 | 380 | 50 | Y180L-4 | 22   | 42.9 | 393 |
|            | 950  | 41400 | 1180 | 88 | 35150~45500 | 380 | 50 | Y200L-4 | 30   | 56.8 | 474 |
|            | 1000 | 43800 | 1300 | 90 | 37200~48200 | 380 | 50 | Y200L-4 | 30   | 56.8 | 474 |
| LKP560L-4  | 600  | 30000 | 480  | 81 | 25500~33000 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 296 |
|            | 650  | 32400 | 550  | 83 | 27500~35600 | 380 | 50 | Y160M-4 | 11   | 22.6 | 341 |
|            | 700  | 34900 | 640  | 85 | 29650~38400 | 380 | 50 | Y160L-4 | 15   | 30   | 356 |
|            | 750  | 37500 | 740  | 86 | 31850~41300 | 380 | 50 | Y160L-4 | 15   | 30   | 356 |
|            | 800  | 40000 | 840  | 87 | 34000~44000 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 391 |
|            | 850  | 42600 | 950  | 88 | 36200~46900 | 380 | 50 | Y180L-4 | 22   | 42.9 | 411 |
|            | 900  | 45300 | 1060 | 89 | 38500~49800 | 380 | 50 | Y200L-4 | 30   | 56.8 | 494 |
|            | 950  | 48000 | 1180 | 90 | 40800~52800 | 380 | 50 | Y200L-4 | 30   | 56.8 | 494 |
| LKP630SS-4 | 550  | 17500 | 500  | 78 | 14850~19300 | 380 | 50 | Y132S-4 | 5.5  | 11.6 | 263 |
|            | 600  | 18900 | 600  | 80 | 16050~20800 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 276 |
|            | 650  | 20300 | 700  | 82 | 17250~22300 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 276 |
|            | 700  | 21700 | 810  | 83 | 18400~23900 | 380 | 50 | Y160M-4 | 11   | 22.6 | 322 |
|            | 750  | 23100 | 930  | 85 | 19600~25400 | 380 | 50 | Y160M-4 | 11   | 22.6 | 322 |
|            | 800  | 24500 | 1050 | 86 | 20800~27000 | 380 | 50 | Y160L-4 | 15   | 30   | 337 |
|            | 850  | 26000 | 1180 | 87 | 22100~28600 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 372 |
|            | 900  | 27500 | 1300 | 89 | 23350~30300 | 380 | 50 | Y180L-4 | 22   | 42.9 | 392 |
| LKP630S-4  | 550  | 21000 | 500  | 78 | 17850~23100 | 380 | 50 | Y132S-4 | 5.5  | 11.6 | 280 |
|            | 600  | 22500 | 600  | 81 | 19100~24800 | 380 | 50 | Y132M-4 | 7.5  | 15.4 | 293 |
|            | 650  | 24000 | 700  | 83 | 20400~26400 | 380 | 50 | Y160M-4 | 11   | 22.6 | 340 |
|            | 700  | 25500 | 810  | 84 | 21650~28100 | 380 | 50 | Y160M-4 | 11   | 22.6 | 340 |
|            | 750  | 27000 | 930  | 86 | 22950~29700 | 380 | 50 | Y160L-4 | 15   | 30   | 355 |
|            | 800  | 28800 | 1050 | 87 | 24450~31700 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 390 |
|            | 850  | 30600 | 1180 | 88 | 26000~33700 | 380 | 50 | Y180L-4 | 22   | 42.9 | 410 |
|            | 900  | 32500 | 1300 | 90 | 27600~35800 | 380 | 50 | Y200L-4 | 30   | 56.8 | 489 |
| LKP630M-4  | 550  | 28000 | 500  | 80 | 23800~30800 | 380 | 50 | Y160M-4 | 11   | 22.6 | 362 |
|            | 600  | 30500 | 600  | 82 | 25900~33600 | 380 | 50 | Y160M-4 | 11   | 22.6 | 362 |
|            | 650  | 33000 | 700  | 84 | 28050~36300 | 380 | 50 | Y160L-4 | 15   | 30   | 377 |
|            | 700  | 35500 | 810  | 85 | 30150~39100 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 412 |
|            | 750  | 38000 | 930  | 87 | 32300~41800 | 380 | 50 | Y180L-4 | 22   | 42.9 | 432 |
|            | 800  | 41000 | 1050 | 88 | 34850~45100 | 380 | 50 | Y200L-4 | 30   | 56.8 | 513 |
|            | 850  | 44000 | 1180 | 90 | 37400~48400 | 380 | 50 | Y200L-4 | 30   | 56.8 | 513 |
|            | 900  | 47000 | 1300 | 91 | 39950~51700 | 380 | 50 | Y225S-4 | 37   | 70.4 | 528 |
| LKP630L-4  | 550  | 33000 | 500  | 81 | 28050~36300 | 380 | 50 | Y160M-4 | 11   | 22.6 | 384 |
|            | 600  | 36000 | 600  | 83 | 30600~39600 | 380 | 50 | Y160L-4 | 15   | 30   | 399 |
|            | 650  | 39000 | 700  | 84 | 33150~42900 | 380 | 50 | Y180M-4 | 18.5 | 35.9 | 434 |
|            | 700  | 42000 | 810  | 86 | 35700~46200 | 380 | 50 | Y180L-4 | 22   | 42.9 | 454 |
|            | 750  | 45000 | 930  | 87 | 38250~49500 | 380 | 50 | Y200L-4 | 30   | 56.8 | 536 |



|           |     |       |      |    |              |     |    |          |      |       |      |
|-----------|-----|-------|------|----|--------------|-----|----|----------|------|-------|------|
|           | 800 | 48200 | 1050 | 89 | 40950~53000  | 380 | 50 | Y200L-4  | 30   | 56.8  | 536  |
|           | 850 | 53500 | 1180 | 90 | 45450~58900  | 380 | 50 | Y225S-4  | 37   | 70.4  | 551  |
| LKP710S-4 | 450 | 25000 | 430  | 78 | 21250~27500  | 380 | 50 | Y132M-4  | 7.5  | 15.4  | 347  |
|           | 500 | 27500 | 540  | 80 | 23350~30300  | 380 | 50 | Y160M-4  | 11   | 22.6  | 394  |
|           | 550 | 30000 | 650  | 82 | 25500~33000  | 380 | 50 | Y160M-4  | 11   | 22.6  | 394  |
|           | 600 | 32500 | 770  | 84 | 27600~35800  | 380 | 50 | Y160L-4  | 15   | 30    | 409  |
|           | 650 | 35000 | 900  | 85 | 29750~38500  | 380 | 50 | Y180M-4  | 18.5 | 35.9  | 444  |
|           | 700 | 38000 | 1040 | 87 | 32300~41800  | 380 | 50 | Y180L-4  | 22   | 42.9  | 464  |
|           | 750 | 41000 | 1190 | 89 | 34850~45100  | 380 | 50 | Y200L-4  | 30   | 56.8  | 545  |
|           | 800 | 44000 | 1350 | 90 | 37400~48400  | 380 | 50 | Y225S-4  | 37   | 70.4  | 560  |
| LKP710M-4 | 450 | 33000 | 430  | 79 | 28050~36300  | 380 | 50 | Y160M-4  | 11   | 22.6  | 421  |
|           | 500 | 36000 | 540  | 82 | 30600~39600  | 380 | 50 | Y160M-4  | 11   | 22.6  | 421  |
|           | 550 | 40000 | 650  | 84 | 34000~44000  | 380 | 50 | Y160L-4  | 15   | 30    | 436  |
|           | 600 | 44000 | 770  | 86 | 37400~48400  | 380 | 50 | Y180M-4  | 18.5 | 35.9  | 472  |
|           | 650 | 48000 | 900  | 87 | 40800~52800  | 380 | 50 | Y180L-4  | 22   | 42.9  | 491  |
|           | 700 | 52000 | 1040 | 89 | 44200~57200  | 380 | 50 | Y200L-4  | 30   | 56.8  | 574  |
|           | 750 | 56000 | 1190 | 90 | 47600~61600  | 380 | 50 | Y225S-4  | 37   | 70.4  | 589  |
|           | 800 | 60000 | 1350 | 92 | 51000~66000  | 380 | 50 | Y225M-4  | 45   | 84.2  | 625  |
| LKP800-4  | 400 | 40000 | 450  | 79 | 34000~44000  | 380 | 50 | Y160M-4  | 11   | 22.6  | 506  |
|           | 450 | 44500 | 570  | 81 | 37800~49000  | 381 | 51 | Y160L-4  | 15   | 30    | 521  |
|           | 500 | 49000 | 690  | 84 | 41650~53900  | 382 | 52 | Y180M-4  | 18.5 | 35.9  | 557  |
|           | 550 | 53500 | 820  | 86 | 45450~58900  | 383 | 53 | Y200L-4  | 30   | 56.8  | 661  |
|           | 600 | 58000 | 960  | 88 | 49300~63800  | 384 | 54 | Y225S-4  | 37   | 70.4  | 676  |
|           | 650 | 63000 | 1100 | 90 | 53550~69300  | 385 | 55 | Y225M-4  | 45   | 84.2  | 712  |
|           | 700 | 68000 | 1250 | 91 | 57800~74800  | 386 | 56 | Y250M-4  | 55   | 102.5 | 820  |
| LKP900-6  | 400 | 55000 | 560  | 84 | 46750~60500  | 380 | 50 | Y200L1-6 | 18.5 | 37.7  | 700  |
|           | 450 | 60000 | 700  | 87 | 51000~66000  | 380 | 50 | Y200L2-6 | 22   | 44.6  | 715  |
|           | 500 | 65000 | 850  | 89 | 55250~71500  | 380 | 50 | Y225M-6  | 30   | 59.5  | 840  |
|           | 550 | 70000 | 1020 | 91 | 59500~77000  | 380 | 50 | Y280S-6  | 45   | 85.4  | 1037 |
|           | 600 | 75000 | 1220 | 93 | 63750~82500  | 380 | 50 | Y280M-6  | 55   | 104.9 | 1087 |
|           | 650 | 80000 | 1430 | 95 | 68000~88000  | 380 | 50 | Y315S-6  | 75   | 141.1 | 1487 |
| LKP1000-6 | 350 | 55000 | 540  | 83 | 46750~60500  | 380 | 50 | Y200L1-6 | 18.5 | 37.7  | 817  |
|           | 400 | 62000 | 700  | 86 | 52700~68200  | 380 | 50 | Y225M-6  | 30   | 59.5  | 890  |
|           | 450 | 70000 | 880  | 89 | 59500~77000  | 380 | 50 | Y250M-6  | 37   | 72    | 950  |
|           | 500 | 78000 | 1080 | 91 | 66300~85800  | 380 | 50 | Y280M-6  | 55   | 104.9 | 1195 |
|           | 550 | 86000 | 1300 | 93 | 73100~94600  | 380 | 50 | Y315S-6  | 75   | 141.1 | 1595 |
|           | 600 | 94000 | 1450 | 95 | 79900~103400 | 380 | 50 | Y315M-6  | 90   | 168.6 | 1832 |
| LKP1120-6 | 300 | 65000 | 460  | 85 | 55250~71500  | 380 | 50 | Y200L1-6 | 18.5 | 37.7  | 1010 |
|           | 350 | 75000 | 620  | 88 | 63750~82500  | 380 | 50 | Y200L2-6 | 22   | 44.6  | 1030 |
|           | 400 | 85000 | 820  | 91 | 72250~93500  | 380 | 50 | Y250M-6  | 37   | 72    | 1340 |

|           |     |        |      |    |              |     |    |          |     |       |      |
|-----------|-----|--------|------|----|--------------|-----|----|----------|-----|-------|------|
|           | 450 | 95000  | 1020 | 93 | 80750~104500 | 380 | 50 | Y280M-6  | 55  | 104.9 | 1390 |
|           | 500 | 10500  | 1250 | 95 | 8900~11600   | 380 | 50 | Y315S-6  | 75  | 141.1 | 1500 |
|           | 550 | 11500  | 1500 | 98 | 9750~12700   | 380 | 50 | Y315M-6  | 90  | 168.6 | 1730 |
| LKP1250-6 | 300 | 80000  | 580  | 88 | 68000~88000  | 380 | 50 | Y200L2-6 | 22  | 44.6  | 1250 |
|           | 350 | 92000  | 790  | 92 | 78200~101200 | 380 | 50 | Y250M-6  | 37  | 72    | 1380 |
|           | 400 | 105000 | 1020 | 94 | 89250~115500 | 380 | 50 | Y280M-6  | 55  | 104.9 | 1600 |
|           | 450 | 120000 | 1290 | 97 | 10200~132000 | 380 | 50 | Y315S-6  | 75  | 141.1 | 1720 |
|           | 500 | 135000 | 1600 | 99 | 11475~148500 | 380 | 50 | Y315L1-6 | 110 | 205.5 | 2030 |

### Work Environment

- 1) Altitude not more than 1000 meters;
- 2) The ambient temperature is not lower than - 25 °C, not higher than 40 °C;
- 3) The relative humidity of the environment shall not exceed 90%;
- 4) The conveying gas does not contain acid, alkaline and corrosive medium, and the dust content is not more than 150mg / m<sup>3</sup>.

When the working environment does not meet the above requirements, it needs to be explained when ordering.

We can customize the product according to the specific site conditions.

### Performance Range

Flow: 1350~148500m<sup>3</sup>/h

Total pressure: 250-1600pa

Beyond this range, please choose other series of our fan products, or contact our technical department for customization.

### Matters Needing Attention

#### **1. Before use, please check carefully:**

- (1) Whether the motor, pulley and belt are intact;
- (2) Whether the connecting bolts, pulley and belt are loose;
- (3) Whether there is serious deformation of fan volute, impeller, fan shaft and other components;
- (4) Rotate the fan impeller by hand, the hand induction rotation is stable, without obvious stuck phenomenon.

#### **2. Installation**

- (1) The fan chassis must be installed horizontally, and it is strictly prohibited to install vertically or obliquely;
- (2) The grounding bolt of the fan shall be connected reliably;
- (3) The fan shall be equipped with phase loss and overload protection devices;
- (4) Be careful when installing. Do not put your hand into the pulley to avoid crushing.

#### **3. Start up and Operation**

- (1) Before starting the fan, check the working power supply, which must be within  $\pm 5\%$  of the rated voltage and  $\pm 1\%$  of the rated frequency;
- (2) The rotation direction of the fan impeller shall be the same as that of the turning mark;
- (3) The operating current of the fan shall not exceed the defined current, otherwise the motor will be damaged or burnt;
- (4) When the fan is running, it is strictly prohibited to extend the body or foreign matters to the inside of the fan, and it is strictly prohibited to approach the belt and pulley to avoid danger.