

# LWAA-450 Series

## Product Characteristic

- Blades :

Steel plate
- Bearings:

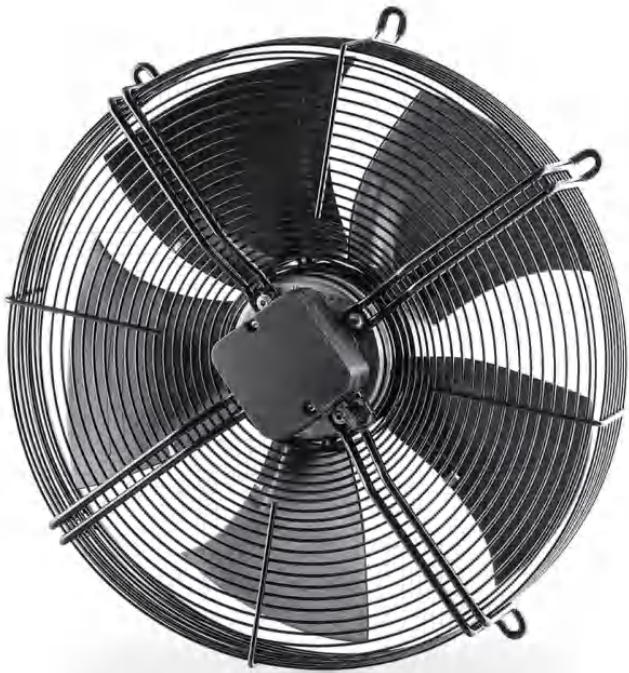
Ball bearings
- Mode of operation:

S1
- Type of protection:

IP44 IP54
- Insulation class:

B/F
- Operation Temperature:

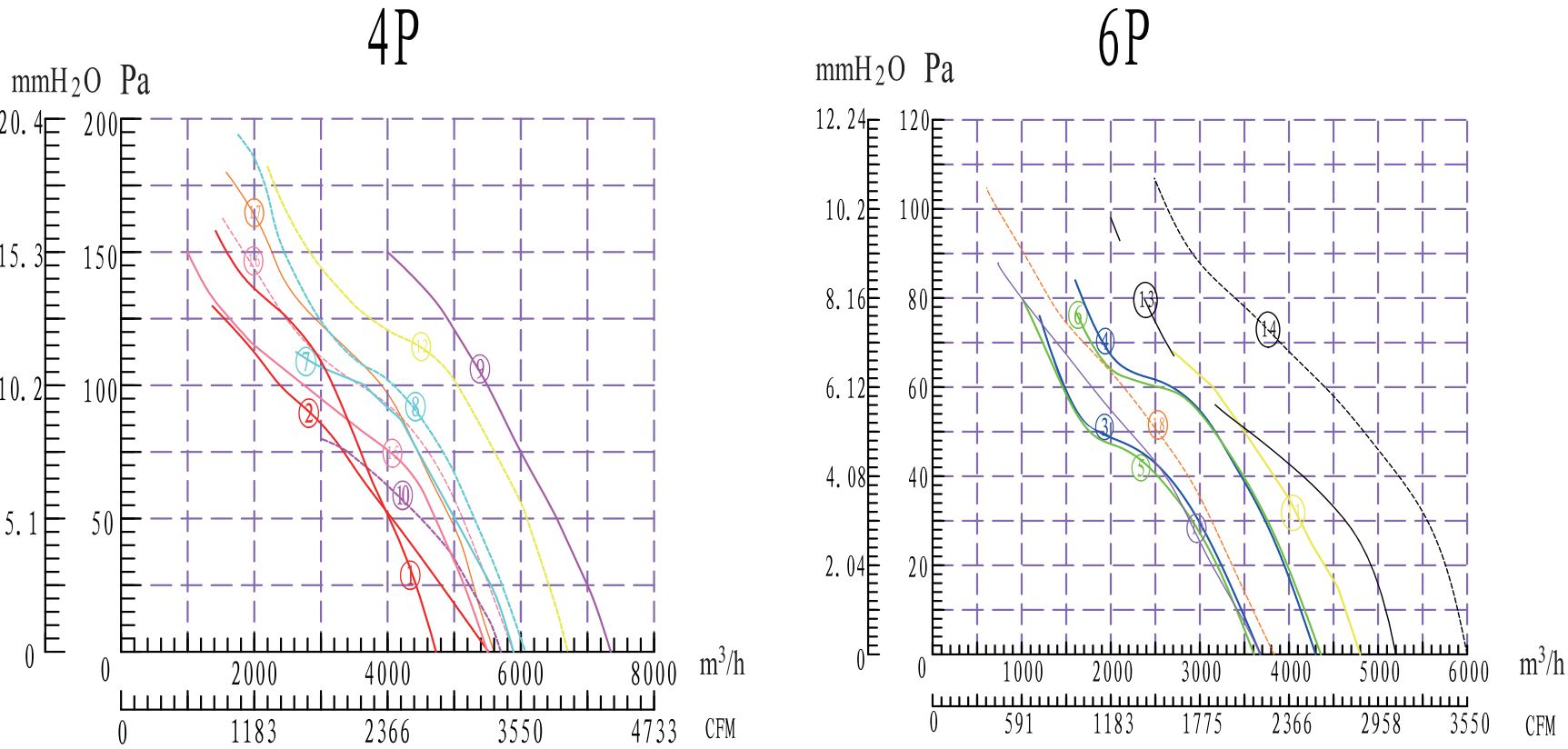
-40~+60 C



## Technical Specifications

| Model             | Voltage | Frequency | Current | Power | Speed | Air Volume | Static Pressure | Capacitor | Noise | N.W  | Curve |
|-------------------|---------|-----------|---------|-------|-------|------------|-----------------|-----------|-------|------|-------|
|                   | V       | Hz        | A       | W     | RPM   | m³/h(Max)  | Pa(Max)         | uF        | dB(A) | kg   |       |
| LWAA4D450S-5EB-05 | 380     | 50        | 0.60    | 280   | 1365  | 4706       | 110             | /         | 70    | 6.8  | ①     |
| LWAA4D450S-5EB-06 | 400     | 60        | 0.60    | 330   | 1540  | 5522       | 115             | /         | 72    | 6.8  | ②     |
| LWAA4E450S-5EB-07 | 220     | 50        | 1.15    | 270   | 1360  | 4706       | 110             | 8         | 70    | 6.8  | ①     |
| LWAA4E450S-5EB-08 | 230     | 60        | 1.80    | 400   | 1500  | 5522       | 115             | 10        | 72    | 6.8  | ②     |
| LWAA6D450S-5EB-09 | 380     | 50        | 0.50    | 147   | 940   | 3680       | 60              | /         | 55    | 6.8  | ③     |
| LWAA6D450S-5EB-10 | 400     | 60        | 0.46    | 182   | 1090  | 4380       | 65              | /         | 58    | 6.8  | ④     |
| LWAA6E450S-5EB-11 | 220     | 50        | 0.79    | 155   | 930   | 3608       | 60              | 6         | 55    | 6.8  | ⑤     |
| LWAA6E450S-5EB-12 | 230     | 60        | 0.89    | 194   | 1090  | 4358       | 65              | 6         | 58    | 6.8  | ⑥     |
| LWAA4D450S-5EB-13 | 380     | 50        | 0.70    | 320   | 1320  | 5890       | 120             | /         | 75    | 6.8  | ⑦     |
| LWAA4D450S-5EB-14 | 400     | 60        | 1.15    | 580   | 1400  | 6185       | 110             | /         | 77    | 6.8  | ⑧     |
| LWAA4E450S-5EB-15 | 220     | 50        | 2.20    | 460   | 1350  | 5890       | 120             | 12        | 75    | 6.8  | ⑦     |
| LWAA4E450S-5EB-16 | 230     | 60        | 2.30    | 480   | 1680  | 6185       | 110             | 12        | 77    | 6.8  | ⑧     |
| LWAA4E450S-7EB-17 | 220     | 50        | 2.93    | 640   | 1320  | 7380       | 100             | 15        | 77    | 10.5 | ⑨     |
| LWAA4D450S-7EB-18 | 400(▲)  | 50        | 1.15    | 567   | 1370  | 7380       | 115             | /         | 77    | 10.5 | ⑨     |
| LWAA4D450S-7EB-19 | 400(Y)  | 50        | 0.73    | 400   | 1020  | 5700       | 50              | /         | 68    | 10.5 | ⑩     |
| LWAA6E450S-7EB-20 | 220     | 50        | 0.91    | 198   | 920   | 4800       | 50              | 6         | 60    | 10.2 | ⑪     |
| LWAA6D450S-7EB-21 | 400(▲)  | 50        | 0.45    | 201   | 930   | 4800       | 50              | /         | 60    | 10.2 | ⑪     |
| LWAA4D450S-7EB-22 | 380     | 50        | 1.45    | 620   | 1370  | 6705       | 150             | /         | 72    | 10.5 | ⑫     |
| LWAA6D450S-7EB-23 | 380     | 50        | 0.75    | 230   | 935   | 5200       | 50              | /         | 60    | 10   | ⑬     |
| LWAA6D450S-7EB-24 | 400     | 60        | 0.70    | 290   | 1085  | 6000       | 65              | /         | 64    | 10   | ⑭     |
| LWAA4D450S-7EB-25 | 380     | 50        | 0.75    | 350   | 1320  | 5500       | 100             | /         | 75    | 6.8  | ⑮     |
| LWAA4D450S-7EB-26 | 380     | 50        | 0.86    | 395   | 1360  | 5940       | 100             | /         | 75    | 10   | ⑯     |
| LWAA4D450S-7EB-27 | 400     | 60        | 0.90    | 460   | 1600  | 5600       | 110             | /         | 77    | 9.8  | ⑰     |
| LWAA4E450S-7EB-28 | 220     | 50        | 1.85    | 400   | 1370  | 5550       | 100             | 10        | 75    | 10   | ⑮     |
| LWAA6D450S-7EB-29 | 400     | 60        | 0.37    | 165   | 1070  | 3820       | 70              | /         | 64    | 6.8  | ⑱     |
| LWAA6E450S-7EB-30 | 230     | 60        | 0.69    | 150   | 1030  | 3680       | 60              | 4         | 64    | 6.8  | ⑲     |

## Flow Rate Curve



## Installation Form Of The Fan

|            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|
|            |            |            |            |            |            |            |
| Model NO.B | Model NO.C | Model NO.D | Model NO.E | Model NO.H | Model NO.G | Model NO.K |

## Product Drawing

Standard Version

吹風 B Air Flow  
S Air Flow 吸風

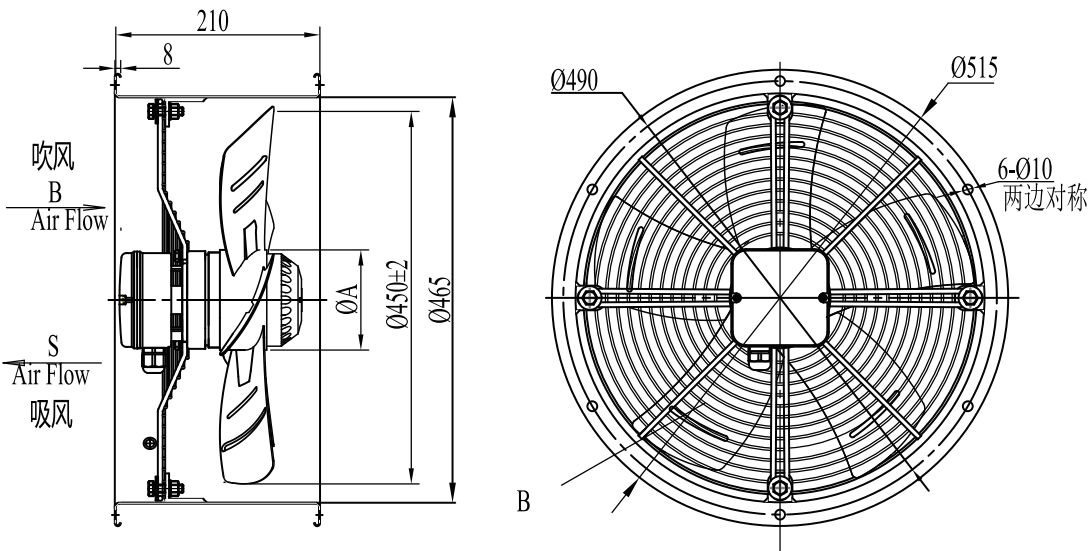
| Model NO.E               | Dimension(mm) |    |    |     |     |   | Blades |
|--------------------------|---------------|----|----|-----|-----|---|--------|
|                          | A             | B  | C  | D   | E   | F |        |
| LWAA4D(E)450S(B)-5EB-XX  | 200           | 70 | 90 | 102 | 522 | 5 |        |
| LWAA6D(E)450S(B)-5EB-XX  | 200           | 70 | 90 | 102 | 522 | 5 |        |
| LWAA4D(E)450MS(B)-5EB-XX | 200           | 70 | 90 | 102 | 522 | 5 |        |
| LWAA6D(E)450GS(B)-7EB-XX | 214           | 89 | 95 | 138 | 515 | 7 |        |
| LWAA4D(E)450GS(B)-7EB-XX | 214           | 89 | 95 | 138 | 515 | 7 |        |
| LWAA4D(E)450TS(B)-7EB-XX | 214           | 89 | 95 | 138 | 515 | 7 |        |
| LWAA6D(E)450TS(B)-7EB-XX | 214           | 75 | 95 | 138 | 515 | 7 |        |
| LWAA4D(E)450FS(B)-7EB-XX | 200           | 70 | 90 | 102 | 522 | 7 |        |
| LWAA4D(E)450FS(B)-7EB-XX | 214           | 89 | 95 | 138 | 515 | 7 |        |
| LWAA4D(E)450FS(B)-7EB-XX | 200           | 70 | 90 | 102 | 522 | 7 |        |

Customization Available

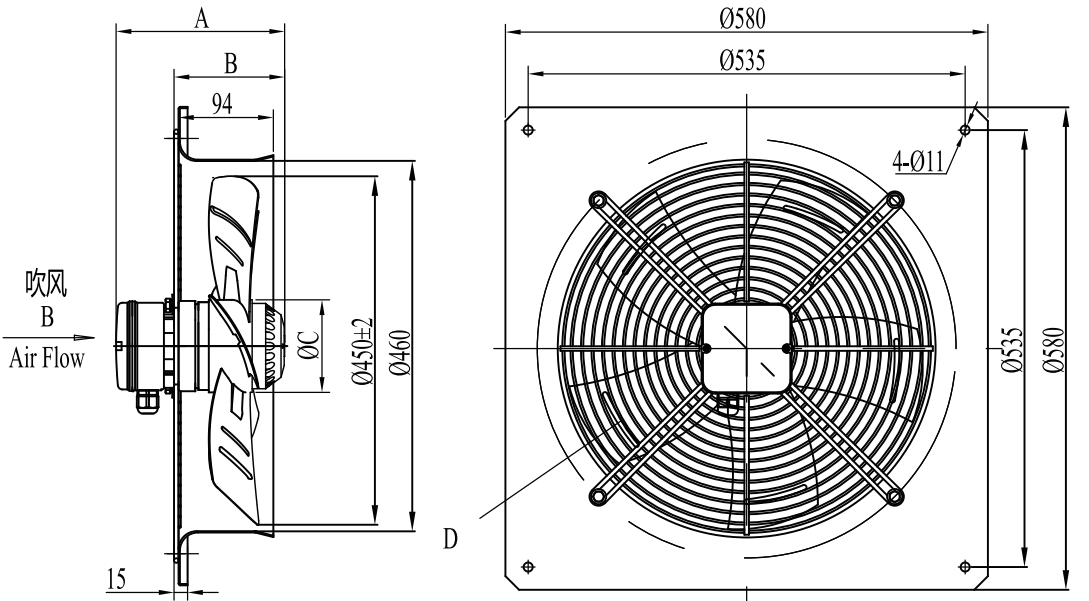
| Model NO.B               | Dimension(mm) |            |            |   | Blades |
|--------------------------|---------------|------------|------------|---|--------|
|                          | A             | B          | C          | D |        |
| LWAA4D(E)450S(B)-5BB-XX  | 200           | 130        | 102        | 5 |        |
| LWAA6D(E)450S(B)-5BB-XX  | 200           | 130        | 102        | 5 |        |
| LWAA4D(E)450MS(B)-5BB-XX | 200           | 130        | 102        | 5 |        |
| LWAA6D(E)450GS(B)-7BB-XX | 214           | 144        | 138        | 7 |        |
| LWAA4D(E)450GS(B)-7BB-XX | 214           | 144        | 138        | 7 |        |
| LWAA4D(E)450TS(B)-7BB-XX | 214           | 144        | 138        | 7 |        |
| LWAA6D(E)450TS(B)-7BB-XX | 200           | 130        | 138        | 7 |        |
| LWAA4D(E)450FS(B)-7BB-XX | 200<br>214    | 130<br>144 | 102<br>138 | 7 |        |
| LWAA6D(E)450FS(B)-7BB-XX | 200           | 130        | 102        | 7 |        |

| Model NO.C               | Dimension(mm) |            |            |   | Blades |
|--------------------------|---------------|------------|------------|---|--------|
|                          | A             | B          | C          | D |        |
| LWAA4D(E)450S(B)-5CB-XX  | 200           | 160        | 102        | 5 |        |
| LWAA6D(E)450S(B)-5CB-XX  | 200           | 160        | 102        | 5 |        |
| LWAA4D(E)450MS(B)-5CB-XX | 200           | 160        | 102        | 5 |        |
| LWAA6D(E)450GS(B)-7CB-XX | 214           | 174        | 138        | 7 |        |
| LWAA4D(E)450GS(B)-7CB-XX | 214           | 174        | 138        | 7 |        |
| LWAA4D(E)450TS(B)-7CB-XX | 214           | 174        | 138        | 7 |        |
| LWAA6D(E)450TS(B)-7CB-XX | 200           | 160        | 138        | 7 |        |
| LWAA4D(E)450FS(B)-7CB-XX | 200<br>214    | 160<br>174 | 102<br>138 | 7 |        |
| LWAA6D(E)450FS(B)-7CB-XX | 200           | 160        | 102        | 7 |        |

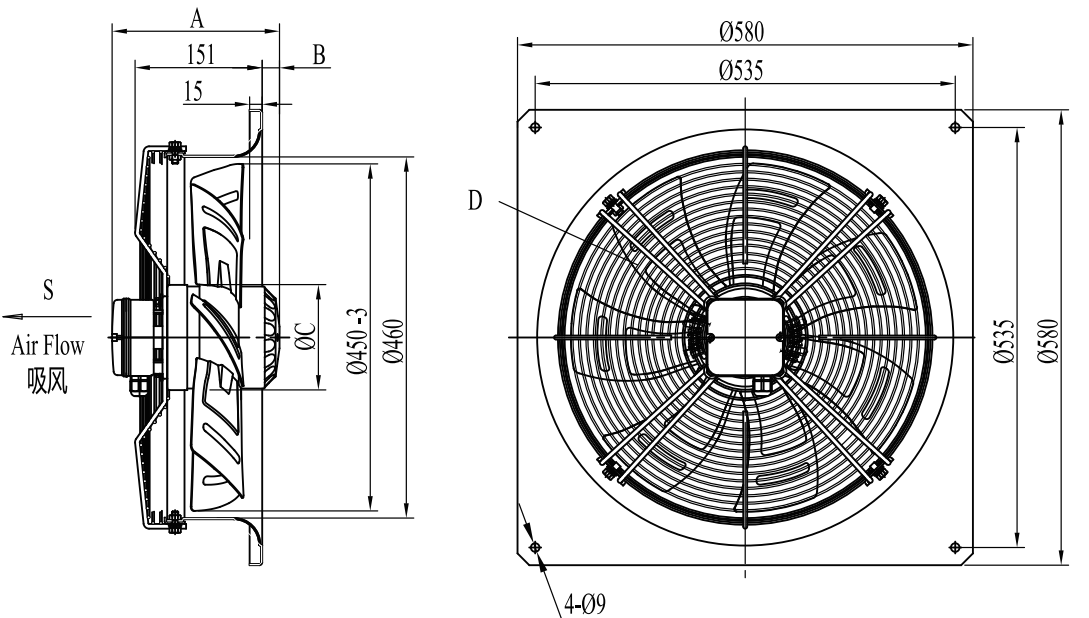
| Model NO.D               | Dimension(mm) |          |            |   | Blades |
|--------------------------|---------------|----------|------------|---|--------|
|                          | A             | B        | C          | D |        |
| LWAA4D(E)450S(B)-5DB-XX  | 200           | 75       | 102        | 5 |        |
| LWAA6D(E)450S(B)-5DB-XX  | 200           | 75       | 102        | 5 |        |
| LWAA4D(E)450MS(B)-5DB-XX | 200           | 75       | 102        | 5 |        |
| LWAA6D(E)450GS(B)-7DB-XX | 214           | 89       | 138        | 7 |        |
| LWAA4D(E)450GS(B)-7DB-XX | 214           | 89       | 138        | 7 |        |
| LWAA4D(E)450TS(B)-7DB-XX | 214           | 89       | 138        | 7 |        |
| LWAA6D(E)450TS(B)-7DB-XX | 200           | 75       | 138        | 7 |        |
| LWAA4D(E)450FS(B)-7DB-XX | 200<br>214    | 75<br>89 | 102<br>138 | 7 |        |
| LWAA6D(E)450FS(B)-7DB-XX | 200           | 75       | 102        | 7 |        |



| Model NO.H               | Dimension(mm) |   | Blades |
|--------------------------|---------------|---|--------|
|                          | A             | B |        |
| LWAA4D(E)450S(B)-5HB-XX  | 102           | 5 |        |
| LWAA6D(E)450S(B)-5HB-XX  | 102           | 5 |        |
| LWAA4D(E)450MS(B)-5HB-XX | 102           | 5 |        |
| LWAA6D(E)450GS(B)-7HB-XX | 138           | 7 |        |
| LWAA4D(E)450GS(B)-7HB-XX | 138           | 7 |        |
| LWAA4D(E)450TS(B)-7HB-XX | 138           | 7 |        |
| LWAA6D(E)450TS(B)-7HB-XX | 138           | 7 |        |
| LWAA4D(E)450FS(B)-7HB-XX | 102<br>138    | 7 |        |
| LWAA6D(E)450FS(B)-7HB-XX | 102           | 7 |        |



| Model NO.G               | Dimension(mm) |            |            |   | Blades |
|--------------------------|---------------|------------|------------|---|--------|
|                          | A             | B          | C          | D |        |
| LWAA4D(E)450S(B)-5GB-XX  | 200           | 135        | 102        | 5 |        |
| LWAA6D(E)450S(B)-5GB-XX  | 200           | 135        | 102        | 5 |        |
| LWAA4D(E)450MS(B)-5GB-XX | 200           | 135        | 102        | 5 |        |
| LWAA6D(E)450GS(B)-7GB-XX | 214           | 184        | 138        | 7 |        |
| LWAA4D(E)450GS(B)-7GB-XX | 214           | 184        | 138        | 7 |        |
| LWAA4D(E)450TS(B)-7GB-XX | 214           | 184        | 138        | 7 |        |
| LWAA6D(E)450TS(B)-7GB-XX | 200           | 170        | 138        | 7 |        |
| LWAA4D(E)450FS(B)-7GB-XX | 200<br>214    | 135<br>184 | 102<br>138 | 7 |        |
| LWAA6D(E)450FS(B)-7GB-XX | 200           | 135        | 102        | 7 |        |



| Model NO.K               | Dimension(mm) |              |            |   | Blades |
|--------------------------|---------------|--------------|------------|---|--------|
|                          | A             | B            | C          | D |        |
| LWAA4D(E)450S(B)-5KB-XX  | 200           | 20.5         | 102        | 5 |        |
| LWAA6D(E)450S(B)-5KB-XX  | 200           | 20.5         | 102        | 5 |        |
| LWAA4D(E)450MS(B)-5KB-XX | 200           | 20.5         | 102        | 5 |        |
| LWAA6D(E)450GS(B)-7KB-XX | 214           | 34.5         | 138        | 7 |        |
| LWAA4D(E)450GS(B)-7KB-XX | 214           | 34.5         | 138        | 7 |        |
| LWAA4D(E)450TS(B)-7KB-XX | 214           | 34.5         | 138        | 7 |        |
| LWAA6D(E)450TS(B)-7KB-XX | 200           | 20.5         | 138        | 7 |        |
| LWAA4D(E)450FS(B)-7KB-XX | 200<br>214    | 20.5<br>34.5 | 102<br>138 | 7 |        |
| LWAA6D(E)450FS(B)-7KB-XX | 200           | 20.5         | 102        | 7 |        |