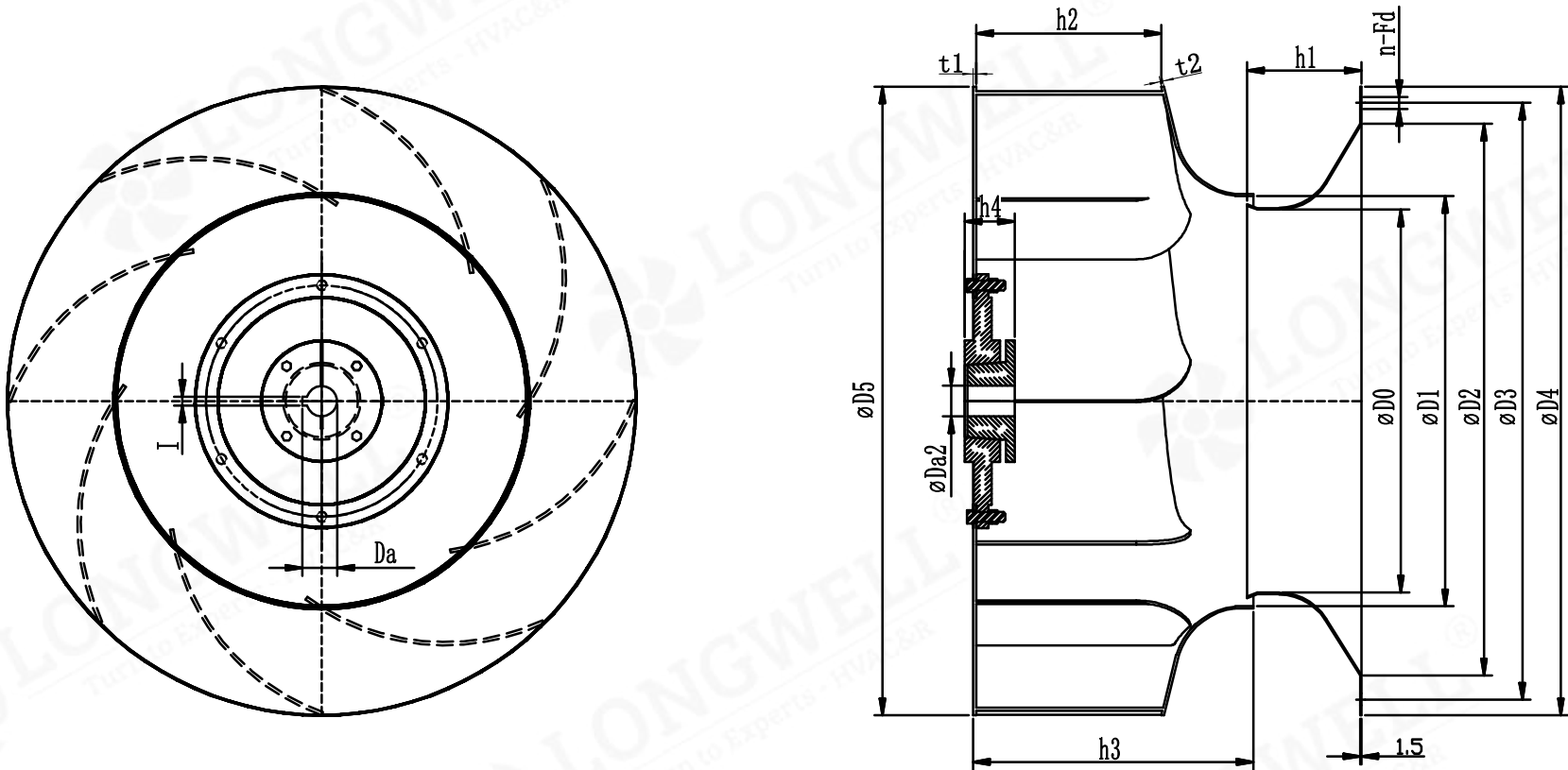


# Aluminum Impeller (Backward)

Professional HVAC Fan & Motors Manufacturer



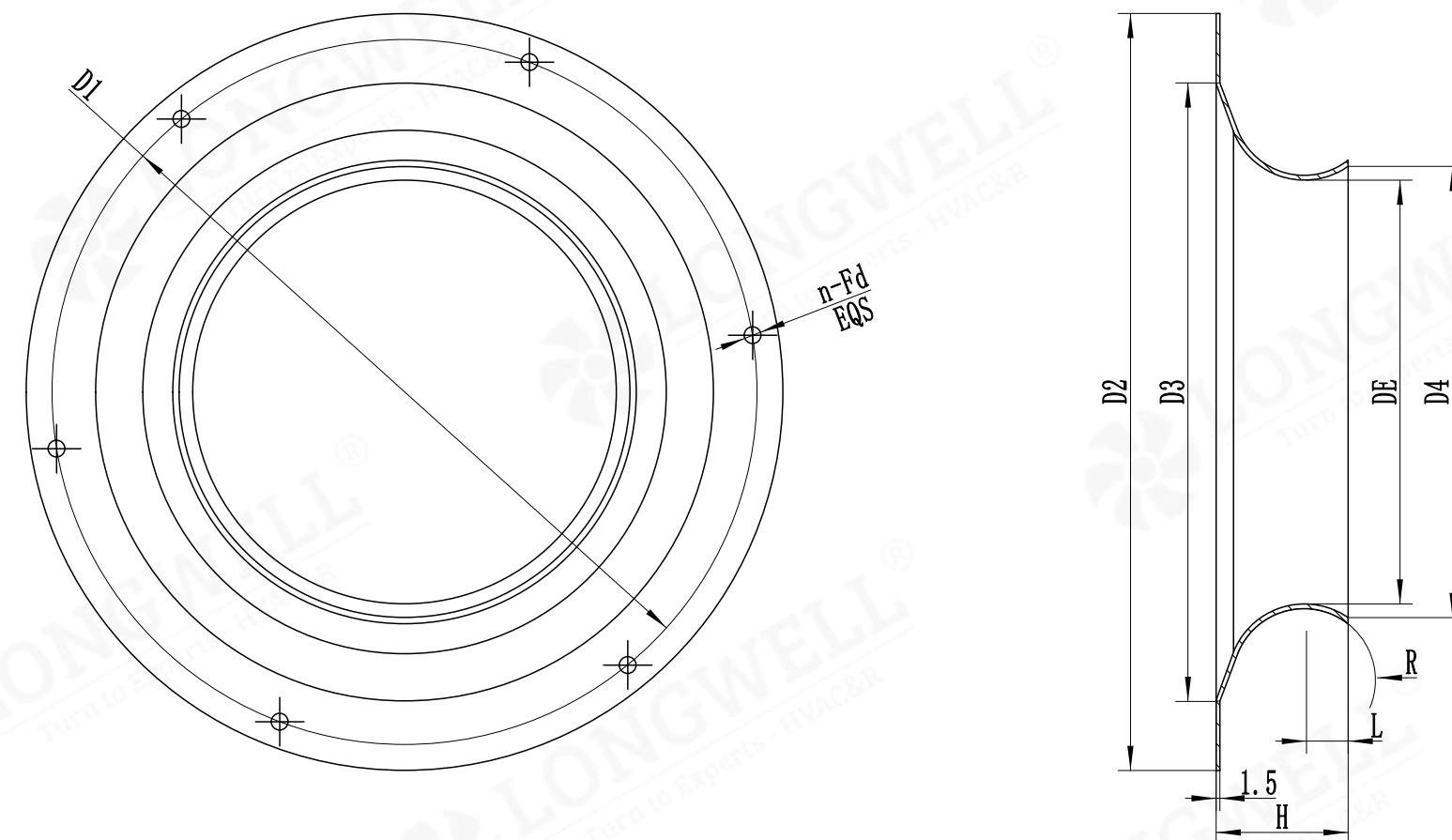
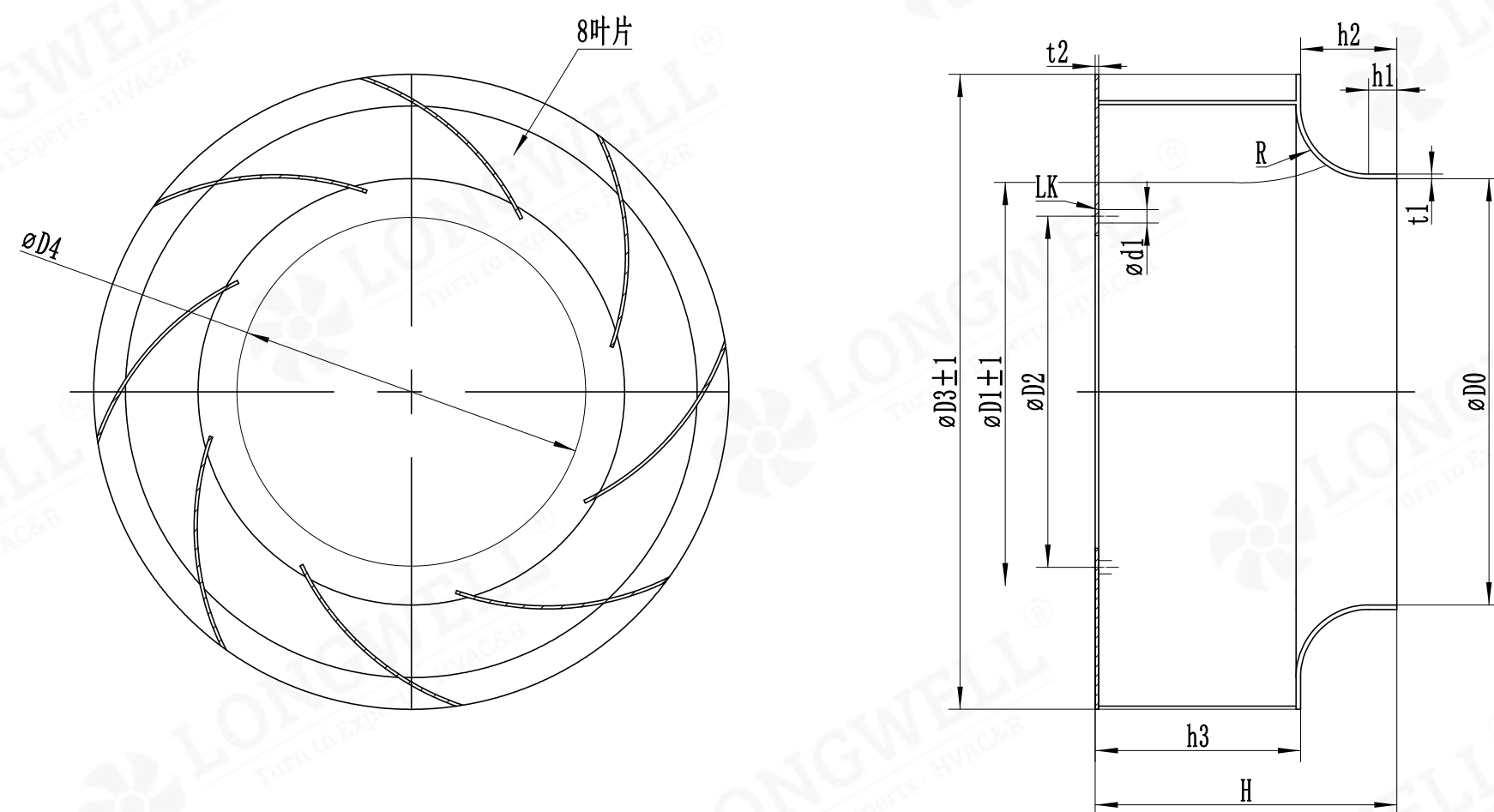
## Aluminum Impeller(Inner rotor)



### Technical Specifications

| Model          | D0  | D1  | D2  | D3  | D4  | D5  | Da   | Da2 | l  | t1  | t2    | h1    | h2  | h3  | h4     | n-Fd   |
|----------------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|-------|-------|-----|-----|--------|--------|
| LWB-225/86-01  | 146 | 188 | 210 | 210 | 225 | 225 | 21.8 | 19  | 6  | 2.5 | 1.6   | 28    | 62  | 86  | 35     | 4-Φ4.5 |
| LWB-250/110-02 | 155 | 225 | 259 | 259 | 280 | 250 | 21.8 | 19  | 6  | 2.5 | 1.6   | 38    | 80  | 110 | 35     | 6-Φ7   |
| LWB-280/130-02 | 174 | 250 | 286 | 286 | 300 | 280 | 21.8 | 19  | 6  | 2.5 | 1.6   | 38    | 97  | 130 | 35     | 6-Φ7   |
| LWB-315/144-02 | 195 | 282 | 320 | 320 | 357 | 318 | 21.8 | 19  | 6  | 2.5 | 2.015 | 42    | 98  | 144 | 35.001 | 6-Φ11  |
| LWB-355/160-02 | 219 | 315 | 356 | 356 | 382 | 357 | 21.8 | 19  | 6  | 3   | 2     | 58    | 107 | 160 | 35.001 | 6-Φ11  |
| LWB-400/180-02 | 245 | 355 | 395 | 395 | 422 | 404 | 21.8 | 19  | 6  | 3   | 2.5   | 68    | 118 | 180 | 37.6   | 8-Φ11  |
| LWB-450/203-02 | 277 | 400 | 438 | 438 | 464 | 454 | 21.8 | 19  | 6  | 3   | 2.5   | 78    | 132 | 203 | 37.6   | 8-Φ11  |
| LWB-500/234-02 | 310 | 450 | 490 | 490 | 515 | 510 | 27.3 | 24  | 8  | 3   | 2.5   | 98    | 155 | 234 | 45.102 | 8-Φ11  |
| LWB-560/254-02 | 348 | 500 | 541 | 541 | 570 | 570 | 31.3 | 28  | 8  | 3   | 2.5   | 104   | 170 | 254 | 45.1   | 8-Φ11  |
| LWB-630/282-02 | 390 | 560 | 608 | 608 | 640 | 640 | 31.3 | 28  | 8  | 3   | 2.5   | 107.5 | 195 | 282 | 45.1   | 8-Φ14  |
| LWB-710/312-02 | 435 | 630 | 674 | 674 | 718 | 718 | 41.3 | 38  | 10 | 4   | 2.5   | 120   | 214 | 312 | 57.798 | 8-Φ14  |
| LWB-800/476-01 | 487 | 710 | 751 | 751 | 785 | 808 | 45.3 | 42  | 12 | 4   | 2.5   | 134   | 240 | 476 | 57.8   | 8-Φ14  |

## Aluminum Impeller(Outer rotor)



### Technical Specifications

| Model                 | D0        | D1  | D3  | R  | t2    | t1  | h3      | h2    | h1   | H        | D4          | D2      | d1      |
|-----------------------|-----------|-----|-----|----|-------|-----|---------|-------|------|----------|-------------|---------|---------|
| LWB-250/(80-127)-01   | 168       | 160 | 252 | 30 | 2     | 2   | 40-87   | 38    | 4.5  | 80-127   | 50.1-138.1  | 70-154  | 5.2-7   |
| LWB-280/(96-133)-01   | 188       | 180 | 284 | 35 | 2-2.5 | 2   | 50-87   | 44    | 5.1  | 96-133   | 50.1-138.1  | 70-154  | 5.2-7   |
| LWB-315/(80.5-171)-01 | 212-213.6 | 202 | 319 | 37 | 2-2.5 | 2   | 57-129  | 34-46 | 4.2  | 80.5-171 | 50.1-188.1  | 70-210  | 5.2-8.2 |
| LWB-355/(120-192)-01  | 238       | 227 | 359 | 40 | 2-3   | 2   | 66-138  | 52    | 6.2  | 120-192  | 50.1-188.1  | 70-210  | 5.2-9   |
| LWB-400/(120-185)-01  | 267       | 254 | 404 | 45 | 3     | 2   | 40-123  | 47-59 | 7.4  | 120-185  | 50.1-188.1  | 70-210  | 5.2-9   |
| LWB-450/(131-209)-01  | 300       | 286 | 454 | 53 | 3     | 2.5 | 35-138  | 68    | 8.1  | 131-209  | 105.1-188.1 | 120-210 | 5.2-9   |
| LWB-500/(114-249)-01  | 337       | 321 | 510 | 59 | 3-4   | 2.5 | 35-170  | 76    | 9.1  | 114-249  | 138.1-218.1 | 154-245 | 6.2-9.5 |
| LWB-560/(122-262)-01  | 377       | 360 | 570 | 65 | 3     | 2.5 | 35-174  | 84    | 10   | 122-262  | 140.1-218.1 | 154-245 | 6.2-9.5 |
| LWB-630/(256-293)-01  | 424       | 404 | 640 | 73 | 3     | 2.5 | 158-195 | 94    | 11   | 256-293  | 170.5-218.1 | 210-245 | 9-12    |
| LWB-710/(293-360)-01  | 476       | 453 | 718 | 80 | 4     | 3   | 185-219 | 104   | 12.5 | 293-360  | 170.5-280.5 | 210-300 | 9-13    |

| Model | R    | L    | H    | $\Phi D4$ | $\Phi D2$ | D1  | $\Phi D3$ | n | d  | DE  |
|-------|------|------|------|-----------|-----------|-----|-----------|---|----|-----|
| 225   | 23.5 | 13.1 | 46   | 163       | 280       | 259 | 225       | 6 | 7  | 155 |
| 250   | 26.5 | 14.8 | 52   | 183       | 307       | 286 | 250       | 6 | 7  | 174 |
| 280   | 30   | 17.3 | 59   | 206       | 348       | 320 | 282       | 8 | 9  | 195 |
| 315   | 32   | 19.8 | 67   | 232       | 382       | 356 | 317       | 8 | 9  | 219 |
| 355   | 37.5 | 21.8 | 76   | 260       | 422       | 395 | 355       | 8 | 11 | 248 |
| 400   | 42   | 24.7 | 81.5 | 293       | 464       | 438 | 400       | 8 | 11 | 277 |
| 450   | 47   | 34.8 | 97.5 | 324       | 519       | 490 | 450       | 8 | 11 | 310 |
| 500   | 53   | 31.7 | 105  | 369       | 564       | 540 | 500       | 8 | 11 | 348 |
| 560   | 60   | 30.7 | 114  | 412       | 640       | 610 | 560       | 8 | 14 | 390 |
| 630   | 67   | 41   | 135  | 466       | 710       | 674 | 630       | 8 | 14 | 438 |
| 710   | 75   | 46.9 | 154  | 524       | 785       | 751 | 710       | 8 | 14 | 491 |