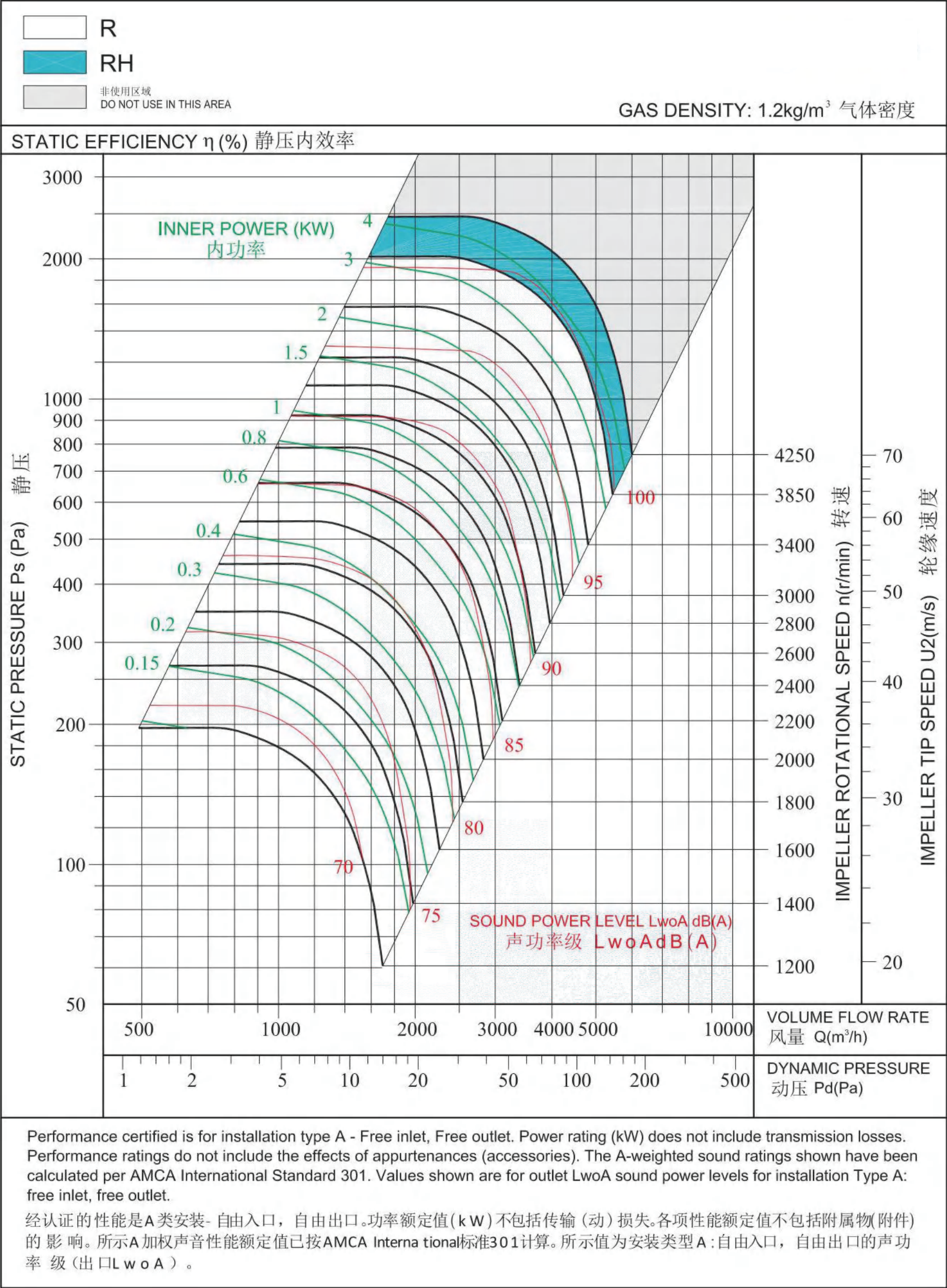


RLM-315



PLUG FAN-RLM Series

Impeller

Centrifugal plug fan impellers are made of sheet steel with back-ward blade, according aerodynamics design the impeller have high efficiency and low power.

Maximum tip speed of the impeller is 70m/s.

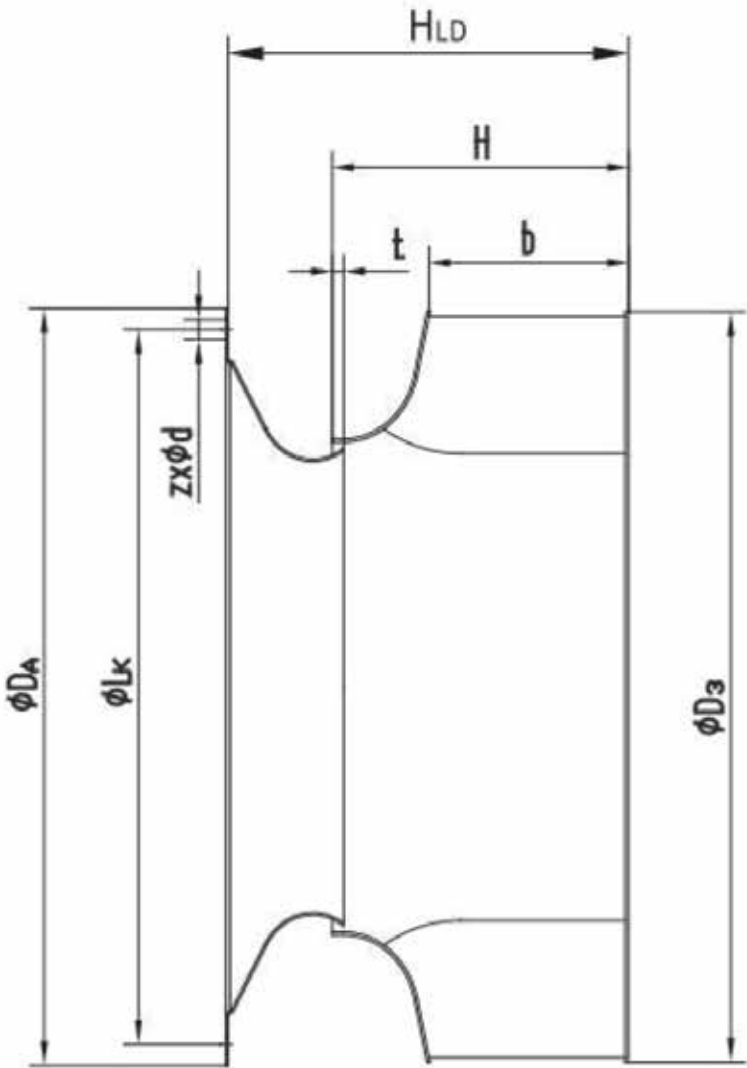
Outstanding characteristic is with stable performance and low noise, and the impeller is balanced according to G 2.5 to DIN ISO 1940/1.Inside of impeller the GG-hub is fixed with locked bush.The blade is made of stainless steel or steel.

Inlet cone

The inlet cone is made of sheet steel and is a special part, it can lead air into impeller stably.

Wrap part

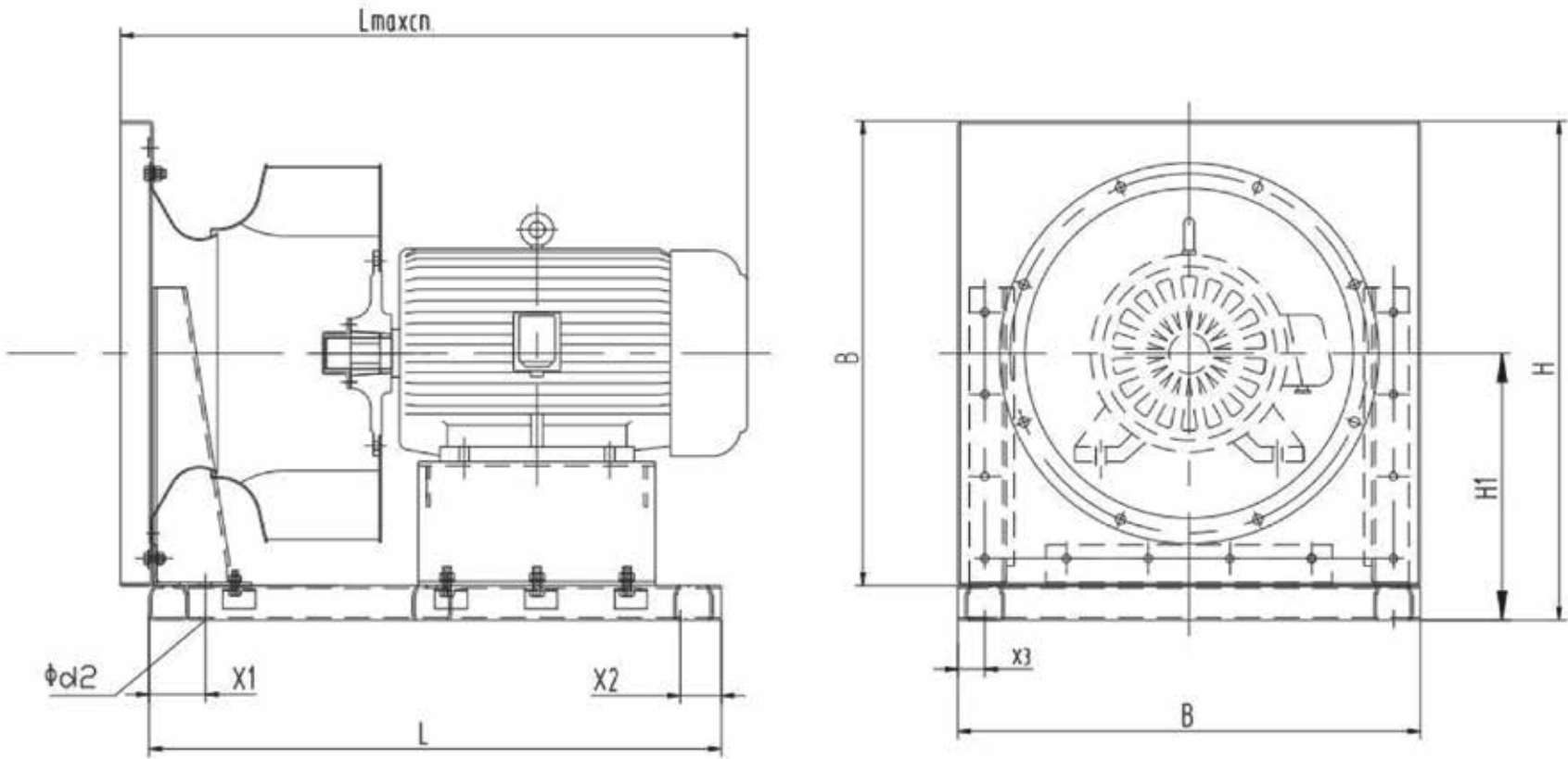
Wrap part of Impeller and inlet cone is design to ensure impeller performance and take care to protect, this wrap part manufacture with aerodynamic via special testing.



Technical Specifications

| Model | ΦD3  | b   | H   | ΦDA | ΦLk | ZxΦd | HLD   | t   | ηmax |
|-------|------|-----|-----|-----|-----|------|-------|-----|------|
| 250   | 257  | 80  | 118 | 280 | 259 | 6×7  | 158   | 5   | 4500 |
| 280   | 289  | 89  | 133 | 307 | 286 | 6×7  | 179.5 | 5.5 | 4300 |
| 315   | 324  | 100 | 146 | 348 | 320 | 6×7  | 200.5 | 5   | 4000 |
| 355   | 365  | 112 | 162 | 382 | 356 | 6×9  | 223.5 | 6   | 3500 |
| 400   | 410  | 126 | 185 | 422 | 395 | 8×9  | 253   | 7   | 2900 |
| 450   | 460  | 142 | 210 | 464 | 438 | 8×12 | 282   | 8   | 2900 |
| 500   | 517  | 159 | 235 | 515 | 487 | 8×12 | 317   | 8   | 2500 |
| 560   | 578  | 178 | 262 | 564 | 541 | 8×12 | 357   | 9   | 2200 |
| 630   | 648  | 199 | 293 | 638 | 605 | 8×12 | 401.5 | 10  | 1900 |
| 710   | 728  | 224 | 328 | 710 | 674 | 8×14 | 450   | 12  | 1600 |
| 800   | 818  | 252 | 368 | 785 | 751 | 8×14 | 506.5 | 14  | 1400 |
| 900   | 917  | 282 | 413 | 875 | 837 | 8×14 | 563.5 | 16  | 1250 |
| 1000  | 1012 | 316 | 462 | 970 | 934 | 8×14 | 629   | 18  | 960  |

PLUG FAN-RLM Series



Technical Specifications

| Model | B    | H    | H1  | L    | Lmaxca. | X1  | X2  | X3   | Φd2 |
|-------|------|------|-----|------|---------|-----|-----|------|-----|
| 250   | 376  | 414  | 226 | 475  | 610     | 60  | 40  | 24.5 | 14  |
| 280   | 400  | 438  | 238 | 475  | 610     | 60  | 40  | 24.5 | 14  |
| 315   | 430  | 468  | 253 | 520  | 660     | 60  | 40  | 24.5 | 14  |
| 355   | 462  | 500  | 269 | 533  | 680     | 60  | 40  | 25   | 14  |
| 400   | 502  | 540  | 289 | 586  | 740     | 60  | 40  | 25   | 14  |
| 450   | 566  | 608  | 325 | 700  | 780     | 69  | 50  | 33   | 14  |
| 500   | 612  | 654  | 348 | 760  | 800     | 80  | 50  | 31   | 14  |
| 560   | 688  | 744  | 400 | 870  | 950     | 100 | 50  | 38   | 18  |
| 630   | 768  | 824  | 440 | 920  | 990     | 100 | 50  | 39   | 18  |
| 710   | 850  | 935  | 510 | 1000 | 1090    | 100 | 50  | 50   | 18  |
| 800   | 940  | 1020 | 550 | 1100 | 1220    | 100 | 100 | 50   | 20  |
| 900   | 1044 | 1154 | 632 | 1200 | 1291    | 100 | 100 | 60   | 20  |
| 1000  | 1140 | 1250 | 680 | 1320 | 1486    | 100 | 100 | 60   | 20  |