

**SDS-D/S 系列隧道射流风机**



机号：4.5#-12.5# 风量：12000-109440m3/h

特点：能耗低、推力高、噪声低、维护简单、安装方便悬挂或水平、不占用有用面积、可实现反向运转,排出隧道内的烟雾、有单向和双向通风、配用双速电机可降低运行费用

应用：隧道、地铁、矿山等工程

**SDS-D/S 性能参数表**

SDS — D 单向通风型

| 型号  | 叶角 | 转速   | 风量 m | 轴向推力 | 出口风速 | 单速功率 | 噪声  | 双速功率   |
|-----|----|------|------|------|------|------|-----|--------|
| No. | 代号 | rpm  | 3 /s | N    | m/s  | KW   | dBA | KW     |
| 4.5 | 1  | 2900 | 4.5  | 230  | 24   | 7.5  | 80  | 8/2    |
| 5.6 | 1  | 2900 | 8.6  | 385  | 35.1 | 11   | 75  | 12.5 / |
|     |    | 1450 | 4.1  | 87   | 16.8 | 1.5  | 63  | 2.8    |
|     | 2  | 2900 | 7.8  | 315  | 31.7 | 7.5  | 73  | 8 / 2  |
|     |    | 1450 | 3.8  | 76   | 15.6 | 1.1  | 61  |        |
|     | 3  | 2900 | 7.0  | 245  | 28.4 | 5.5  | 71  | --     |

|     |   |      |      |     |      |      |    |               |
|-----|---|------|------|-----|------|------|----|---------------|
|     | 4 | 2900 | 6.2  | 200 | 25.2 | 4    | 68 | --            |
| 6.3 | 1 | 2900 | 11.8 | 540 | 37.8 | 15   | 75 | 16 / 3.8      |
|     |   | 1450 | 5.5  | 139 | 17.6 | 2.2  | 63 |               |
|     | 2 | 2900 | 10.5 | 430 | 33.6 | 11   | 73 | 12.5 /<br>2.8 |
|     |   | 1450 | 5.0  | 102 | 16.1 | 1.5  | 61 |               |
|     | 3 | 2900 | 9.2  | 330 | 29.5 | 7.5  | 71 | --            |
|     | 4 | 2900 | 8.2  | 260 | 26.4 | 5.5  | 68 | --            |
| 7.1 | 1 | 2900 | 14.8 | 660 | 37.4 | 18.5 | 75 | 16 / 3.8      |
|     |   | 1450 | 7.1  | 162 | 17.9 | 2.2  | 63 |               |
|     | 2 | 2900 | 13.5 | 550 | 34.1 | 15   | 73 | 16 / 3.8      |
|     |   | 1450 | 6.3  | 131 | 15.9 | 1.5  | 61 |               |
|     | 3 | 2900 | 12.1 | 435 | 30.6 | 11   | 72 | --            |
|     | 4 | 2900 | 10.5 | 340 | 26.5 | 7.5  | 69 | --            |
| 8   | 1 | 1450 | 14.8 | 55. | 29.5 | 15   | 75 | 15.5 /<br>5.1 |
|     |   | 960  | 10.0 | 240 | 19.9 | 4    | 68 |               |
|     | 2 | 1450 | 13.8 | 475 | 27.5 | 11   | 74 | 12 / 4        |
|     |   | 960  | 9.1  | 210 | 18.1 | 3    | 67 |               |
|     | 3 | 1450 | 12.2 | 375 | 24.3 | 7.5  | 72 | --            |
|     | 4 | 1450 | 11.0 | 300 | 21.9 | 5.5  | 70 | --            |

| 型号<br>No. | 叶角<br>代号 | 转速<br>rpm | 流量 m<br>3 /s | 轴向推力<br>N | 出口风速<br>m/s | 单速功率<br>KW | 噪声<br>dBA | 双速功率<br>KW |
|-----------|----------|-----------|--------------|-----------|-------------|------------|-----------|------------|
| 9         | 1        | 1450      | 21.1         | 870       | 33.2        | 22         | 75        | 24 / 8.5   |
|           |          | 960       | 13.8         | 380       | 21.7        | 7.5        | 68        |            |
|           | 2        | 1450      | 19.2         | 735       | 30.2        | 18.5       | 73.5      | 18 / 6.2   |
|           |          | 960       | 12.4         | 315       | 19.5        | 5.5        | 66        |            |
|           | 3        | 1450      | 17.3         | 600       | 27.2        | 15         | 71        | --         |
|           | 4        | 1450      | 14.2         | 410       | 22.3        | 7.5        | 68        | --         |
| 10        | 1        | 1450      | 27.6         | 1130      | 35.1        | 30         | 75        | 33 / 11    |
|           |          | 960       | 18.2         | 490       | 23.2        | 11         | 68        |            |
|           | 2        | 1450      | 23.2         | 800       | 29.5        | 22         | 73        | 24 / 8.5   |
|           |          | 960       | 14.8         | 340       | 18.8        | 5.5        | 66        |            |
|           | 3        | 1450      | 20.4         | 670       | 26.0        | 15         | 71        | --         |
|           | 4        | 1450      | 18.8         | 550       | 23.9        | 11         | 68        | --         |
| 11.2      | 1        | 1450      | 34.8         | 1370      | 35.5        | 37         | 75        | 38 / 13    |
|           |          | 960       | 22.1         | 600       | 22.8        | 11         | 68        |            |
|           | 2        | 1450      | 31.4         | 1100      | 32.1        | 30         | 73.5      | 33 / 11    |
|           |          | 960       | 19.6         | 465       | 20.2        | 7.5        | 67        |            |
|           | 3        | 1450      | 27.4         | 900       | 27.9        | 22         | 72        | --         |

|      |   |      |      |      |      |      |      |         |
|------|---|------|------|------|------|------|------|---------|
|      | 4 | 1450 | 24.4 | 710  | 25.0 | 15   | 69   | --      |
| 12.5 | 1 | 1450 | 42.4 | 1690 | 34.6 | 45   | 75   | 47 / 16 |
|      |   | 960  | 27.2 | 740  | 22.2 | 15   | 68   |         |
|      | 2 | 1450 | 37.8 | 1350 | 30.8 | 37   | 73.5 | 38 / 13 |
|      |   | 960  | 24.2 | 590  | 19.8 | 11   | 67   |         |
|      | 3 | 1450 | 32.2 | 1005 | 26.3 | 22   | 71   | --      |
|      | 4 | 1450 | 30.4 | 880  | 24.8 | 18.5 | 69   | --      |

### SDS — S 双向通风型

| 型号<br>No. | 叶角<br>代号 | 转速<br>rpm | 流量 m<br>3 /s | 轴向推力<br>N | 出口风速<br>m/s | 装机功率<br>KW | 噪声<br>dBA | 双速功率<br>KW    |
|-----------|----------|-----------|--------------|-----------|-------------|------------|-----------|---------------|
| 5.6       | 1        | 2900      | 8.4          | 340       | 34.1        | 11         | 75        | 12.5 /<br>2.8 |
|           |          | 1450      | 4.0          | 82        | 16.2        | 1.5        | 63        |               |
|           | 2        | 2900      | 7.6          | 280       | 30.9        | 7.5        | 73        | 8 / 2         |
|           |          | 1450      | 3.7          | 71        | 15.1        | 1.1        | 61        |               |

|     |   |      |      |      |      |      |    |               |
|-----|---|------|------|------|------|------|----|---------------|
|     | 3 | 2900 | 6.7  | 210  | 27.2 | 5.5  | 71 | --            |
|     | 4 | 2900 | 6.0  | 175  | 24.2 | 4    | 68 | --            |
| 6.3 | 1 | 2900 | 11.2 | 480  | 35.8 | 15   | 75 | 16 / 3.8      |
|     |   | 1450 | 5.4  | 117  | 17.3 | 2.2  | 63 |               |
|     | 2 | 2900 | 10.0 | 375  | 32.0 | 11   | 73 | 12.5 /<br>2.8 |
|     |   | 1450 | 4.6  | 85   | 14.7 | 1.5  | 61 |               |
|     | 3 | 2900 | 8.6  | 280  | 27.5 | 7.5  | 71 | --            |
|     | 4 | 2900 | 7.8  | 230  | 25.0 | 5.5  | 68 | --            |
| 7.1 | 1 | 2900 | 13.3 | 555  | 33.7 | 18.5 | 75 | 16 / 3.8      |
|     |   | 1450 | 6.5  | 132  | 16.4 | 2.2  | 63 |               |
|     | 2 | 2900 | 12.2 | 465  | 30.8 | 15   | 73 | 16 / 3.8      |
|     |   | 1450 | 6.0  | 112  | 15.2 | 1.5  | 61 |               |
|     | 3 | 2900 | 10.8 | 365  | 27.3 | 11   | 72 | --            |
|     | 4 | 2900 | 9.5  | 285  | 24.1 | 7.5  | 69 | --            |
| 8   | 1 | 1450 | 13.8 | 450  | 29.5 | 15   | 75 | 15.5 /<br>5.1 |
|     |   | 960  | 8.9  | 200  | 19.9 | 4    | 68 |               |
|     | 2 | 1450 | 12.8 | 390  | 27.5 | 11   | 74 | 12 / 4        |
|     |   | 960  | 8.3  | 170  | 18.1 | 3    | 67 |               |
|     | 3 | 1450 | 11.0 | 24.3 | 310  | 7.5  | 72 | --            |

|  |   |      |      |     |      |     |    |    |
|--|---|------|------|-----|------|-----|----|----|
|  | 4 | 1450 | 10.0 | 250 | 21.9 | 5.5 | 70 | -- |
|--|---|------|------|-----|------|-----|----|----|

| 型号  | 叶角 | 转速   | 流量 m | 轴向推力 | 出口风速 | 单速功率 | 噪声   | 双速功率     |
|-----|----|------|------|------|------|------|------|----------|
| No. | 代号 | rpm  | 3 /s | N    | m/s  | KW   | dBA  | KW       |
| 9   | 1  | 1450 | 19.4 | 725  | 33.2 | 22   | 75   | 24 / 8.5 |
|     |    | 960  | 12.0 | 315  | 21.7 | 7.5  | 68   |          |
|     | 2  | 1450 | 17.6 | 610  | 30.2 | 18.5 | 73.5 | 18 / 6.2 |
|     |    | 960  | 11.2 | 260  | 19.5 | 5.5  | 66   |          |
|     | 3  | 1450 | 16.0 | 550  | 27.2 | 15   | 71   | --       |
|     | 4  | 1450 | 12.4 | 340  | 22.3 | 7.5  | 68   | --       |
| 10  | 1  | 1450 | 24.8 | 950  | 35.1 | 30   | 75   | 33 / 11  |
|     |    | 960  | 16.2 | 415  | 23.2 | 11   | 68   |          |
|     | 2  | 1450 | 22.1 | 750  | 29.5 | 22   | 73   | 24 / 8.5 |
|     |    | 960  | 13.8 | 330  | 18.8 | 5.5  | 66   |          |
|     | 3  | 1450 | 18.8 | 550  | 26.0 | 15   | 71   | --       |
|     | 4  | 1450 | 17.4 | 450  | 23.9 | 11   | 68   | --       |

|      |   |      |      |      |      |      |      |         |
|------|---|------|------|------|------|------|------|---------|
| 11.2 | 1 | 1450 | 32.2 | 1220 | 32.7 | 37   | 75   | 38 / 13 |
|      |   | 960  | 20.5 | 530  | 21.0 | 11   | 68   |         |
|      | 2 | 1450 | 30.2 | 1080 | 30.7 | 30   | 73.5 | 33 / 11 |
|      |   | 960  | 19.6 | 475  | 20.0 | 7.5  | 67   |         |
|      | 3 | 1450 | 26.1 | 805  | 26.5 | 22   | 72   | --      |
|      | 4 | 1450 | 22.8 | 640  | 23.1 | 15   | 69   | --      |
| 12.5 | 1 | 1450 | 40.2 | 1470 | 32.8 | 45   | 75   | 47 / 16 |
|      |   | 960  | 25.4 | 640  | 20.7 | 15   | 68   |         |
|      | 2 | 1450 | 37.2 | 1260 | 30.3 | 37   | 73.5 | 38 / 13 |
|      |   | 960  | 23.2 | 550  | 18.9 | 11   | 67   |         |
|      | 3 | 1450 | 30.1 | 860  | 24.5 | 22   | 71   | --      |
|      | 4 | 1450 | 28.1 | 750  | 22.9 | 18.5 | 69   | --      |

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