

Y5-48 系列 锅炉 离心 引 风 机

Y5-48 Boiler Centrifugal Induced Draught Fans

Y5-48系列锅炉离心引风机，是为适应燃用各种煤质并配有排烟除尘装置的工业锅炉(1-20吨/小时)而配套设计的。凡进气条件相当，性能又适应者均可选用。但最高温度不得超过250℃，风机的介质为烟气。Y5-48№4C-6C气体温度为200℃。气体密度为0.745kg/m³。№8C-12.5C气体温度为140℃；气体密度为0.851kg/m³。在引风机前，必须加除尘装置，以保证进入风机的烟气含尘量小于400kg/m³。

Y5-48 series boiler centrifugal induced draught fan has been specially designed to form a complete set for the industrial boiler(1-20 tons/hour) with fume-extraction & dust-collection device. It is fit for various coal combustion. It can be chosen for considerable air inlet conditions which adapt to the performance as well. But the max, temperature should not exceed 250℃. The fan media is gas-smoke. Y5-48№4C-6C gas temperature is 200℃; gas density is 0.745kg/m³. №8C~12.5C gas temperature is 140℃; gas density 0.851kg/m³. A dust-collection device should be equipped in front of the induced draught fan in order to guarantee that it is less than 400kg/m³ for the gas-smoke dust content which enter into the fan.

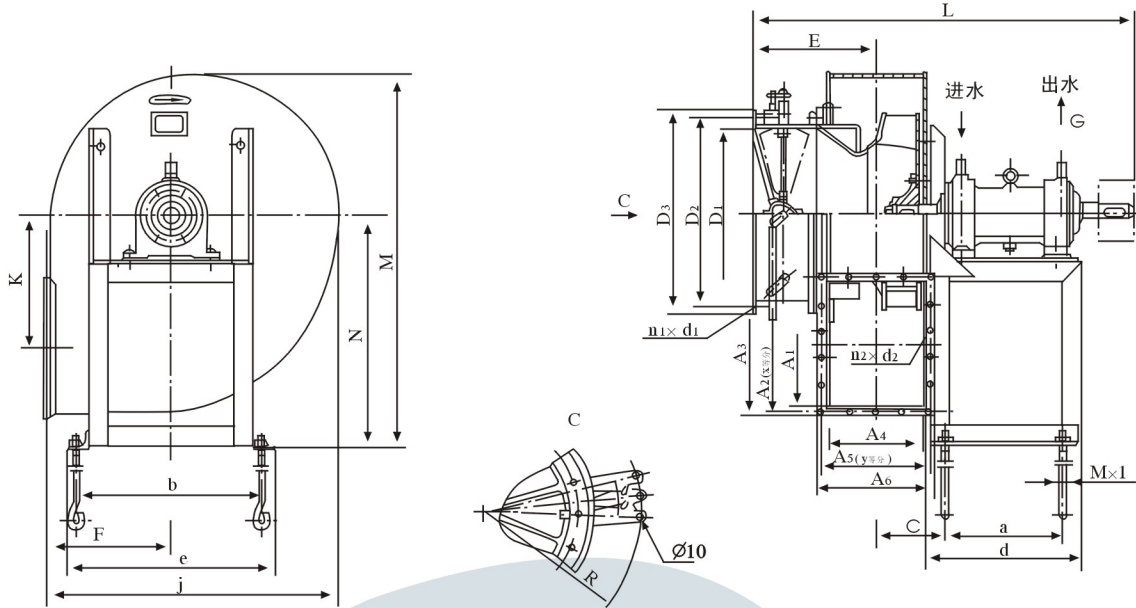
D式性能参数 Performances of type D

| 机号 Fan Number | 转速 Rotation Speed | 配用电机 Motor | 流量 Volume Flow | 全压 Total Pressure |
|---------------------|-------------------------|---------------|----------------------|-------------------------|
| No | rpm | kW-p | m ³ /h | Pa |
| 4 | 3550 | 5.5-2 | 2932~5564 | 2221~1501 |
| | 3150 | 4-2 | 2602~4937 | 1746~1180 |
| | 2800 | 3-2 | 2313~4388 | 1377~932 |
| | 2500 | 2.2-2 | 2065~3622 | 1097~742 |
| 5 | 3150 | 11-2 | 5304~9851 | 2819~1913 |
| | 2800 | 7.5-2 | 4515~8757 | 2223~1509 |
| | 2500 | 5.5-2 | 421~7818 | 1769~1202 |
| | 2240 | 4-2 | 3772~7005 | 1416~964 |
| 6.3 | 2800 | 22-2 | 9432~17516 | 3545~2403 |
| | 2500 | 15-2 | 8421~15639 | 2819~1913 |
| | 2240 | 11-2 | 7546~14013 | 2259~1533 |
| | 2000 | 7.5-2 | 6737~12511 | 1798~1221 |
| 8 | 2000 | 30-4 | 13794~25619 | 3323~2253 |
| | 1800 | 22-4 | 12415~23057 | 2686~1823 |
| | 1600 | 15-4 | 11035~20495 | 2118~1438 |
| | 1400 | 11-4 | 9656~17933 | 1619~1100 |
| 10 | 1800 | 75-4 | 22250~44634 | 4483~2958 |
| | 1600 | 55-4 | 19778~39674 | 3531~2332 |
| | 1400 | 37-4 | 17305~34715 | 2696~1782 |
| | 1250 | 22-4 | 15451~30995 | 2145~1419 |
| 12.5 | 1400 | 110-4 | 33800~67803 | 4234~2794 |
| | 1250 | 75-4 | 30179~69538 | 3365~2223 |
| | 1120 | 55-4 | 27040~54242 | 2696~1782 |
| | 1000 | 37-4 | 24143~48431 | 2145~1419 |

C式性能参数 Performances of type C

| 机号 Fan Number | 转速 Rotation Speed | 配用电机 Motor | 流量 Volume Flow | 全压 Total Pressure |
|---------------------|-------------------------|---------------|----------------------|-------------------------|
| No | rpm | kW-p | m ³ /h | Pa |
| 4C | 3550 | 5.5-2 | 2932~5564 | 2221~1501 |
| | 3150 | 4-2 | 2602~4937 | 1746~1180 |
| | 2800 | 3-2 | 2313~4388 | 1377~932 |
| | 2500 | 2.2-2 | 2065~3622 | 1097~742 |
| 5C | 3150 | 11-2 | 5304~9851 | 2819~1913 |
| | 2800 | 7.5-2 | 4515~8757 | 2223~1509 |
| | 2500 | 5.5-2 | 4210~7818 | 1769~1202 |
| | 2240 | 4-2 | 3772~7005 | 1416~964 |
| 6.3C | 2800 | 22-2 | 9432~17516 | 3545~2403 |
| | 2500 | 15-2 | 8421~15639 | 2819~1913 |
| | 2240 | 11-2 | 7546~14013 | 2259~1533 |
| | 2000 | 7.5-2 | 6737~12511 | 1798~1221 |
| 8C | 2000 | 30-4 | 13794~25619 | 3323~2253 |
| | 1800 | 22-4 | 12415~23057 | 2686~1823 |
| | 1600 | 15-4 | 11035~20495 | 2118~1438 |
| | 1400 | 11-4 | 9656~17933 | 1619~1100 |
| 10C | 1800 | 75-4 | 22250~44634 | 4483~2958 |
| | 1600 | 55-4 | 19778~39674 | 3531~2332 |
| | 1400 | 37-4 | 17305~34715 | 2696~1782 |
| | 1250 | 22-4 | 15451~30995 | 2145~1419 |
| 12.5C | 1400 | 110-4 | 33800~67803 | 4234~2794 |
| | 1250 | 75-4 | 30179~69538 | 3365~2223 |
| | 1120 | 55-4 | 27040~54242 | 2696~1782 |
| | 1000 | 37-4 | 24143~48431 | 2145~1419 |

Y5-48№4C~6.3C 锅炉引风机外形及安装尺寸 Dimensions of the Y5-48№4C~6.3C



| 机号 Fan Number № | 进风口 Inlet | | | | 出风口 Outlet | | | | | | | | |
|--------------------------|----------------|----------------|----------------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|---|---|--------------------------------|
| | D ₁ | D ₂ | D ₃ | n ₁ ×d ₁ | A ₁ | A ₂ | A ₃ | A ₄ | A ₅ | A ₆ | x | y | n ₂ ×d ₂ |
| 4 | Ø355 | Ø395 | Ø425 | 8×Ø10 | 256 | 290 | 314 | 199 | 231 | 254 | 4 | 3 | 14×Ø7 |
| 5 | Ø450 | Ø500 | Ø545 | 8×Ø12 | 324 | 360 | 382 | 252 | 284 | 308 | 5 | 4 | 18×Ø7 |
| 6.3 | Ø560 | Ø620 | Ø670 | 12×Ø12 | 409.5 | 443 | 465.5 | 315 | 348 | 371 | 5 | 4 | 18×Ø7 |

| 机号 Fan Number № | 外形尺寸 Dimensions | | | | | | | 基础尺寸 Base size | | | | | 地脚螺栓(4套) floor bolt M×1 | 冷却水管直径 cooling pipe diameter | 重量(不包括电机) weight (besides motor) kg | | |
|--------------------------|-----------------|-----|-----|-----|-------|------|------|----------------|-------|-----|-----|-------|-------------------------------|------------------------------------|---|-------|-----|
| | E | F | N | J | K | M | L | R | a | b | c | d | | | | e | |
| 4 | 270 | 248 | 460 | 588 | 267.6 | 748 | 868 | R398.5 | 7'46" | 298 | 390 | 147 | 388 | 430 | M16×400 | G1/2" | 127 |
| 5 | 319 | 312 | 560 | 741 | 340 | 924 | 940 | R446 | 6'34" | 285 | 474 | 179 | 385 | 524 | M16×400 | G1/2" | 173 |
| 6.3 | 399 | 393 | 760 | 927 | 425.4 | 1218 | 1224 | R509 | 5'26" | 375 | 600 | 220.5 | 495 | 656 | M20×500 | G1/2" | 334 |

