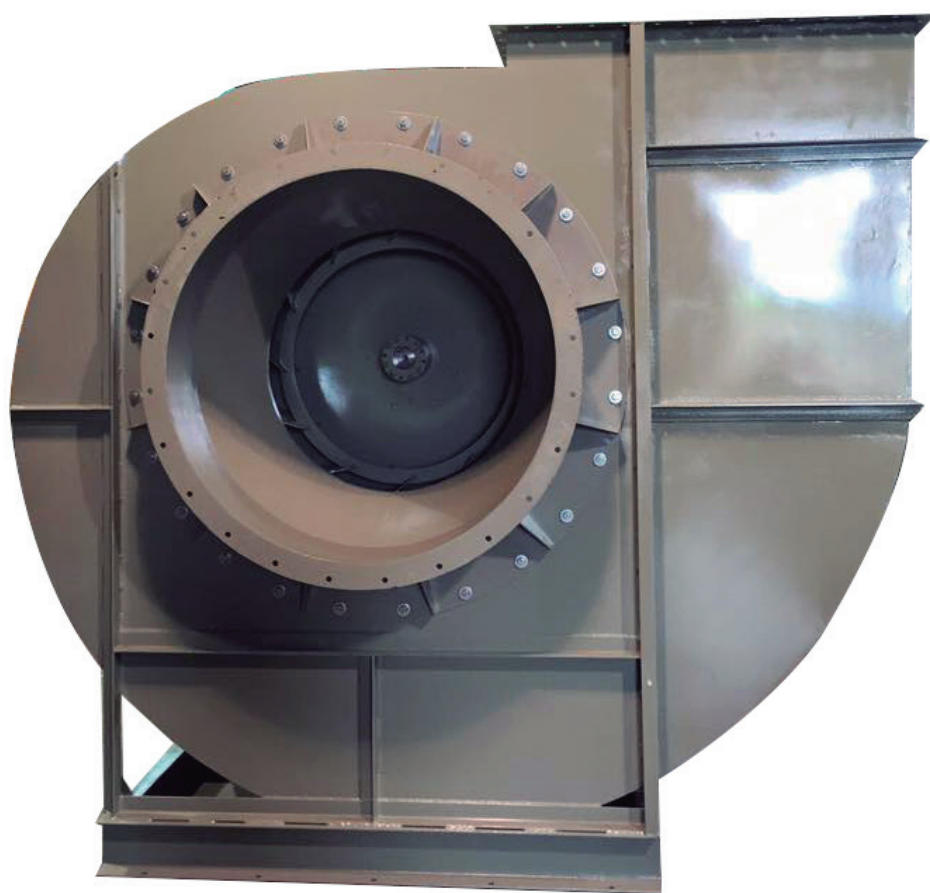


# Gatti

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CENTRIFUGOS - RM

## GENERALIDADES

Los ventiladores centrífugos de la serie RM, son particularmente aptos para mover aire en el campo de las aplicaciones industriales. La variedad de tamaños disponibles permite obtener caudales de hasta 40000 m<sup>3</sup>/h, presiones de hasta 500 mmca y temperaturas de trabajo de hasta 300 °C en ejecuciones constructivas especiales.

## DETALLES CONSTRUCTIVOS

Apto para transportar aire levemente polvoriento o sucio, no Apto para material abrasivo. Ideal donde se necesite presiones relativamente altas con bajo nivel sonoro. Usos en industrias mecánicas, fábricas de cemento, curtidos, altos hornos, en la industria de molienda, mesas de corte de plasma, en todas las aplicaciones donde se requiere transportar aire mezclado con materiales pequeños con baja y media presión

## APLICACIONES

Apto para transportar aire levemente polvoriento o sucio, no Apto para material abrasivo. Ideal donde se necesite presiones relativamente altas con bajo nivel sonoro. Usos en industrias mecánicas, fábricas de cemento, curtidos, altos hornos, en la industria de molienda, mesas de corte de plasma, en todas las aplicaciones donde se requiere transportar aire mezclado con materiales pequeños con baja y media presión.

## GENERALITIS

Centrifugal fans from the RM series are particularly suitable for moving air in industrial application fields. The variety of sizes available can provide flow rates up to 40000 m<sup>3</sup> / h, pressures up to 500 mmWC and operating temperatures up to 300 ° C in special constructive designs.

## CONSTRUCTIVE FEATURES

Fans Constructed in SAE 1010 steel, available only in SASE versions, conical air inlet with chute for usage of flexible. The rotors are flat level blades inclined backwards in two constructive designs: the so-called "Punch disk" with regular steel hub, and the "Hard Drive" with conical steel hub. Available in direct coupling arrangement: DM4 with coupled rotor directly to the motor and DM8 with elastic coupling and intermediate transmission.

## APPLICATIONS

Fans Constructed in SAE 1010 steel, available only in SASE versions, conical air inlet with chute for usage of flexible. The rotors are flat level blades inclined backwards in two constructive designs: the so-called "Punch disk" with regular steel hub, and the "Hard Drive" with conical steel hub. Available in direct coupling arrangement: DM4 with coupled rotor directly to the motor and DM8 with elastic coupling and intermediate transmission.

|                      |                 | Orientación de la boca de salida vista desde el motor / Orientation view from the motor |        |         |                       |                       |                       |         |         |
|----------------------|-----------------|---|--------|---------|-----------------------|-----------------------|-----------------------|---------|---------|
| SENTIDO ANTI-HORARIO | A - 0           | A - 45  | A - 90 | A - 135 | A - 180<br>(especial) | A - 225<br>(especial) | A - 270               | A - 315 |         |
|                      | SENTIDO HORARIO | H - 0   | H - 45 | H - 90  | H - 135               | H - 180<br>(especial) | H - 225<br>(especial) | H - 270 | H - 315 |

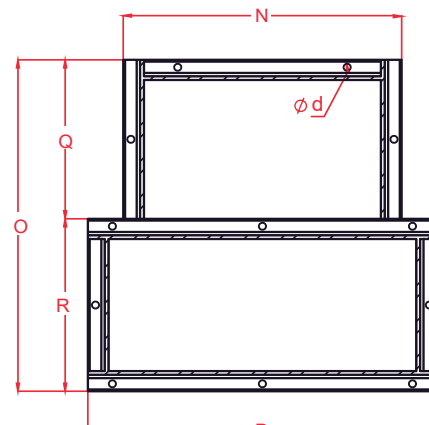
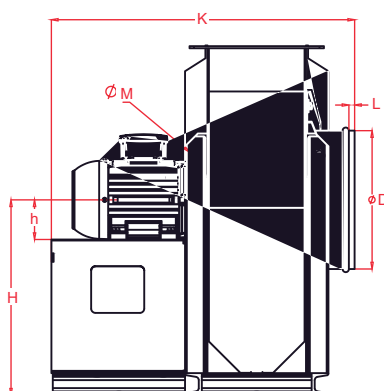
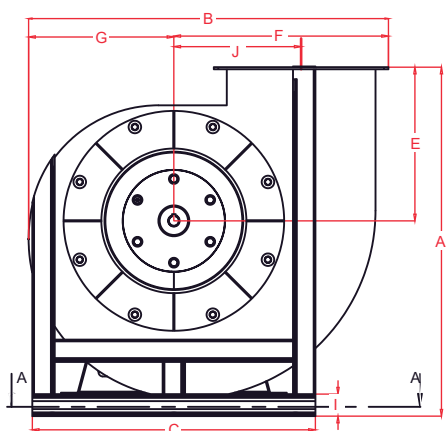
Salvo indicaciones contrarias el ventilador se provee con orientación H - 270  
The fan is always provided with orientation H - 270. Ask for a different one

# RM 630 T 15/4 T50C SASE DM1 Z



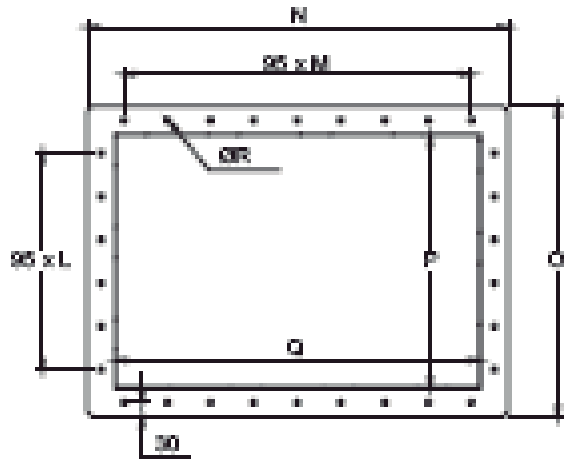
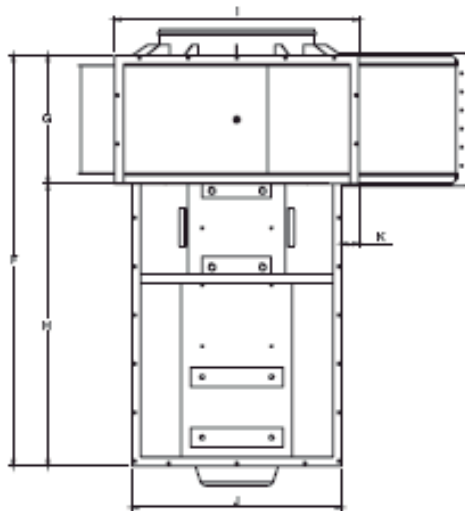
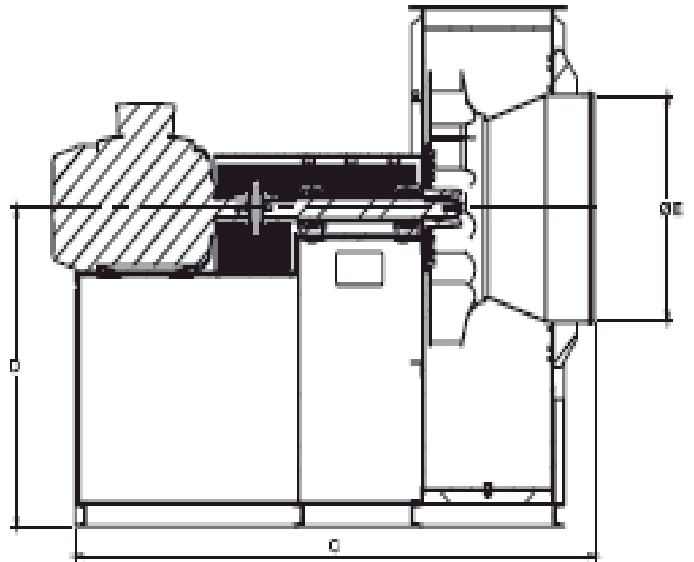
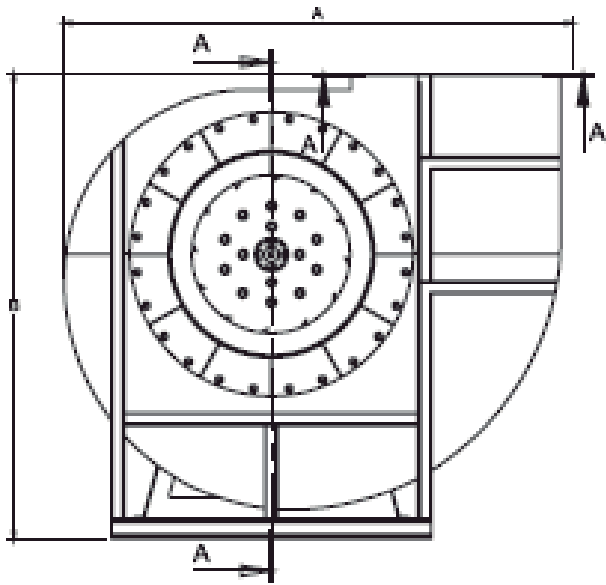
- 1 - TIPO CARACOL: R (redondo); C (cuadrado)
  - 2 - TIPO DE TURBINA: A, B, C, D, E, F, G, H o U (\*ver gráfico explicativo)
  - 3 - TAMAÑO ROTOR: Valor por 1.27 mm
  - 4 - TIPO ELECTRICIDAD DEL MOTOR \*: M (monofásico); T (trifásico)
  - 5 - POTENCIA MOTOR \*: HP
  - 6 - POLOS MOTOR \*: /2 (2800 RPM); /4 (1420 RPM); /6 (900 RPM) /8 (700RPM).
  - 7 - TIPO DE TRANSMISIÓN: (SASE: T20, T30, T40, T50, T60; indicar C para corta y L para larga cuando corresponda)
  - 8 - TIPO ENTRADA/SALIDA: SASE (simple ancho / simple entrada); DADE (doble ancho / doble entrada) EN LÍNEA (para entubaciones)
  - 9 - TIPO DE ARREGLO\*\*: (solo para el caso de ventiladores a Transmisión) DADE: DM1; SASE: DM1 (antes arreglo 12); DM9 (antes arreglo 9), con o sin motor
  - 10- POSICIÓN DEL MOTOR: Z (ubicado a la izquierda de la transmisión); W (ubicado a la derecha de la transmisión).
- \* NOTA1: En caso de pedir la transmisión PEL (a punta de eje libre), las posiciones 4, 5 y 6 quedarán vacías.

## DIMENSIONES MM



SECCIÓN A-A

|     |     | A    | B    | C    | D   | d  | E   | F    | G   | H    | h   | I  | J   | K    | L  | M  | N   | O    | P    | Q   | V   |     |     |
|-----|-----|------|------|------|-----|----|-----|------|-----|------|-----|----|-----|------|----|----|-----|------|------|-----|-----|-----|-----|
| 315 | 90  | 794  | 811  | 641  | 314 | 13 | 349 | 486  | 325 | 445  | 90  | 50 | 288 | 683  | 13 | 22 | 564 | 623  | 643  | 299 | 324 |     |     |
|     | 100 | 804  |      |      |     |    |     |      |     | 455  | 100 |    |     |      |    |    | 467 |      |      |     |     | 112 | 511 |
|     | 112 | 816  |      |      |     |    |     |      |     | 467  | 112 |    |     |      |    |    |     |      |      |     |     |     |     |
| 355 | 112 | 945  | 975  | 691  | 353 | 13 | 378 | 540  | 435 | 567  | 112 | 50 | 323 | 730  | 13 | 22 | 564 | 650  | 691  | 300 | 350 |     |     |
|     | 132 | 965  |      |      |     |    |     |      |     | 587  | 132 |    |     |      |    |    |     |      |      | 778 |     | 300 |     |
| 395 | 132 | 994  | 1126 | 752  | 397 | 13 | 407 | 602  | 524 | 587  | 132 | 50 | 362 | 812  | 13 | 22 | 694 | 680  | 752  | 299 | 381 |     |     |
|     | 160 | 1022 |      | 752  |     |    |     |      |     | 615  | 160 |    |     | 957  |    |    | 720 | 879  |      | 499 |     |     |     |
| 442 | 160 | 1045 | 1127 | 812  | 446 | 13 | 430 | 671  | 456 | 615  | 160 | 50 | 406 | 1001 | 13 | 22 | 694 | 914  | 812  | 499 | 415 |     |     |
| 500 | 180 | 1199 | 1258 | 877  | 501 | 13 | 444 | 749  | 509 | 755  | 180 | 65 | 458 | 1047 | 13 | 22 | 748 | 955  | 877  | 499 | 455 |     |     |
|     | 200 | 1219 |      |      |     |    |     |      |     | 775  | 200 |    |     |      |    |    |     |      |      |     |     |     |     |
| 560 | 132 | 1306 | 1416 | 964  | 562 | 13 | 499 | 845  | 571 | 807  | 132 | 65 | 515 | 1105 | 13 | 22 | 802 | 1000 | 964  | 499 | 500 |     |     |
|     | 160 | 1334 |      |      |     |    |     |      |     | 835  | 160 |    |     |      |    |    | 748 |      |      |     |     |     |     |
|     | 200 | 1274 |      |      |     |    |     |      |     | 775  | 200 |    |     |      |    |    |     |      |      |     |     |     |     |
| 630 | 132 | 1482 | 1585 | 1049 | 632 | 13 | 560 | 943  | 642 | 922  | 132 | 80 | 578 | 1164 | 13 | 22 | 855 | 1050 | 1049 | 499 | 550 |     |     |
|     | 160 | 1510 |      |      |     |    |     |      |     | 950  | 160 |    |     |      |    |    |     |      |      |     |     |     |     |
| 709 | 160 | 1680 | 1774 | 1144 | 710 | 13 | 630 | 1053 | 721 | 1050 | 160 | 80 | 648 | 1223 | 13 | 22 | 909 | 1099 | 1144 | 499 | 600 |     |     |
|     | 180 | 1600 |      |      |     |    |     |      |     | 670  | 180 |    |     |      |    |    | 855 |      |      |     |     |     |     |



| EQUIPO                         | A    | B    | C    | D    | OE  | F    | G   | H    | I    | J    | K   | L | M | N    | O   | P   | Q   | OR   |
|--------------------------------|------|------|------|------|-----|------|-----|------|------|------|-----|---|---|------|-----|-----|-----|------|
| RM 709 T50CP SASE DM8 C180     |      | 1601 |      | 971  |     |      |     |      |      |      |     |   |   |      |     |     |     |      |
| RM 709 T60CP SASE DM8 C200L    |      | 1621 | 2073 | 991  |     |      |     |      |      | 849  | 147 |   |   |      |     |     |     |      |
| RM 709 T60CP SASE DM8 C225S/M  | 1778 | 1555 |      | 1090 | 710 | 1950 | 600 | 1350 | 1144 | 1033 | 55  | 5 | 7 | 810  | 600 | 500 | 710 | 11,1 |
| RM 795 T60CP SASE DM8 C200L    |      |      | 2141 | 1091 |     | 2009 | 660 | 1349 |      | 906  | 174 |   |   |      |     |     |     |      |
| RM 795 T70CP SASE DM8 C225S/M  | 1996 | 1822 | 2242 | 1116 | 796 | 2110 | 615 | 1449 | 1254 | 1076 | 89  | 5 | 8 | 920  | 680 | 552 | 793 | 11,1 |
| RM 882 T70 CP SASE DM8 C225S/M |      | 2027 | 2321 | 1236 |     | 2175 |     | 1450 |      | 1126 | 140 |   |   |      |     |     |     |      |
| RM 882 T85 CP SASE DM8 C280S/M |      | 1982 | 2601 | 1191 |     | 2455 | 725 | 1730 |      |      |     |   |   |      |     |     |     |      |
| RM 882 T90 CP SASE DM8 C315S/M | 2230 | 2017 | 2691 | 1226 | 912 | 2555 | 736 | 1820 | 1406 | 1272 | 67  | 6 | 9 | 1018 | 746 | 619 | 890 | 13,5 |