

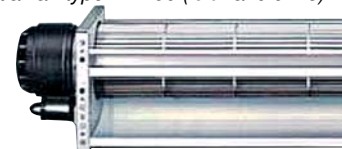
# Tvärströmsfläkt TA..90 /N 230Vac 50/60Hz



Tvärströmsfläkt med laminärt flöde och lämpliga för t.ex. luftfridåer, ugnar, packindustri m.m.. Aerodynamisk design på hus och hjul vilket ger låg ljudnivå. **TA 90** har aluminiumhus och fläkthjul, med sidostycken av rostfritt stål. Ø 90 mm fläkthjul. Max gastemperatur är -40° C till +70°C och max. omgivningstemp. -25° C till +40°C! på motorsida och -40°C till +70°C på motsatt sida.

**TA90** Tangential fan with close coupled, spray water protected drive motor. IP44. Rigid bolted, corrosion proof casing. Impeller and casing of marine grade aluminium. Side elements of stainless steel (1.4301). On the drive side the impeller is bedded via an elastic coupling on the motor shaft; on the counter side in vibration damped friction bearings from sinter bronze with an ample grease reserve. Air/Gas temp -40°C up to +70°C, ambient temperature -25°C up to +40°C. The fan is driven by a 4-pole single phase TEFC induction motor with capacitor. Bearing design life is 20 000 hours. Drive motor wired with capacitor.

Tangential fan type TAL 90 (left hand drive)



Tangential fan type TAR 90 (right hand drive)

With suction opening on top, viewed against the discharge opening, the driving motor is optional either right hand (TAR) or left hand (TAL).

| Storlek        | Max.flöde<br>m <sup>3</sup> /h | Max.tryck<br>Pa | Ex.arb.punkt<br>m <sup>3</sup> /h-Pa | Ljud<br>dB (A) | Varvtal<br>r/ min | Max effekt<br>W | Max ström<br>Amp | Vikt<br>kg |
|----------------|--------------------------------|-----------------|--------------------------------------|----------------|-------------------|-----------------|------------------|------------|
| TA.. 90/397/N  | 800                            | 55              | 700 - 27                             | 66             | 1230              | 68              | 0,31             | 2,9        |
| TA.. 90/597/N  | 1040                           | 55              | 800 - 27                             | 68             | 1050              | 77              | 0,35             | 3,4        |
| TA.. 90/827/N  | 1640                           | 58              | 1300 - 30                            | 73             | 1210              | 115             | 0,52             | 4,6        |
| TA.. 90/1027/N | 1860                           | 55              | 1500 - 30                            | 75             | 1150              | 123             | 0,56             | 5,2        |

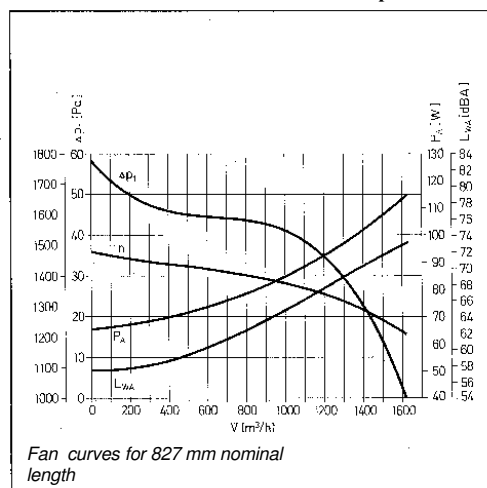
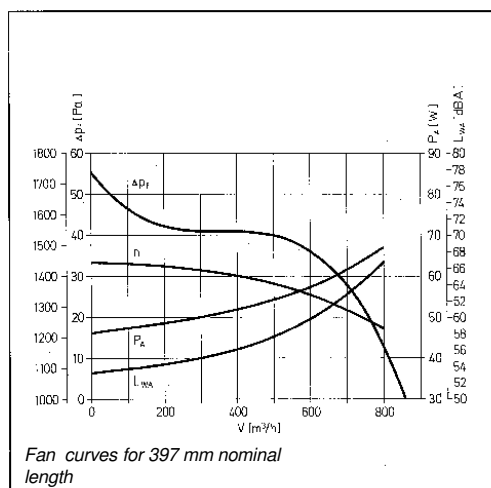
air volume

speed

power  
consumption  
P<sub>A</sub>

full load  
amps  
J<sub>A</sub>

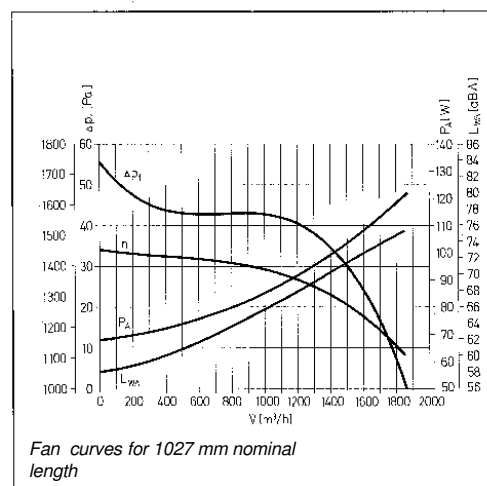
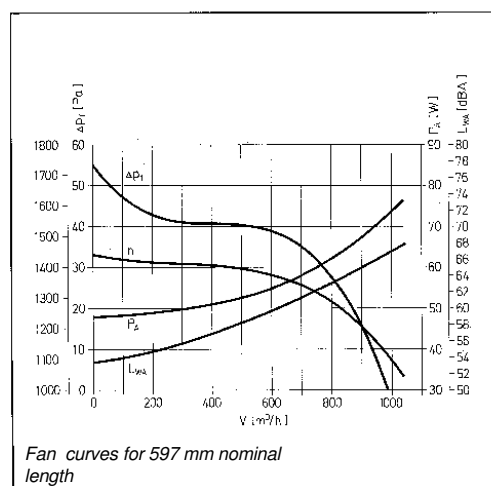
masses



Fan curves for 220 V, 50 Hz

Test conditions for the fan curves

The indicated curves are valid for an air density of =1.2kg/m<sup>3</sup>



## dimensions

| Storlek        | A    | L    | M   |
|----------------|------|------|-----|
| TA.. 90/397/N  | 502  | 397  | 87  |
| TA.. 90/597/N  | 702  | 597  | 87  |
| TA.. 90/827/N  | 950  | 827  | 105 |
| TA.. 90/1027/N | 1150 | 1027 | 105 |

