

Application: Suitable for laboratories, restaurants, cabins, plastic industry, burners, churches, car workshops etc.

2800 RPM Single Inlet Centrifugal Fans with Forward Curved Blades (Sirocco Type) SMAS Series

- High pressure centrifugal fan with direct coupling.
- Housing made of galvanized pressed steel.
- Impeller made of galvanized pressed steel statically and dynamically balanced.
- Standard asynchronous squirrel-cage motor (2-pole) with IP-55 protection and class F insulation.
- High quality, advanced technology.

Under request:

Fans for 60Hz and special voltages.

2 speed motor.

Flanged motor.

Protective net.

Damper in order to control airflow.

Housing made of stainless steel.

Housing made of pressed steel sheet protected by electrostatic, epoxy paint.

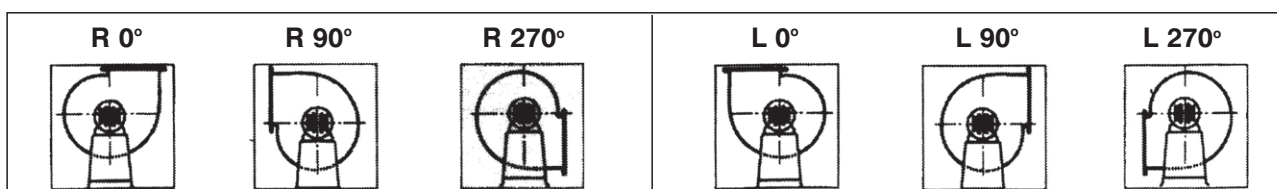
Technical Characteristics SMAS Series 2M (2800RPM / 230V)

| Type | Power (kW) | Inlet Flange (mm) | Outlet Flange (mm) | | Impeller (mm) | Total Pressure (Pa) | Air Flow (m³/h) | Price |
|------------------|------------|-------------------|--------------------|----------|---------------|---------------------|-----------------|----------|
| | | | Internal | External | | | | |
| SMAS 100 2M 0,25 | 0,18 | 100 | 95 x 110 | 145 x160 | 133 x 52 | 340 | 450 | € 171,00 |
| SMAS 120 2M 0,25 | 0,18 | 120 | 95 x 110 | 145 x160 | 133 x 52 | 570 | 780 | € 171,00 |
| SMAS 120 2M 0,50 | 0,37 | 120 | 120 x150 | 170x200 | 160 x 62 | 620 | 1.600 | € 211,00 |
| SMAS 140 2M 0,75 | 0,55 | 140 | 120 x150 | 170x200 | 180 x 75 | 820 | 2.500 | € 223,00 |
| SMAS 160 2M 1,50 | 1,1 | 160 | 135 x165 | 185x215 | 200 x 82 | 950 | 3.200 | € 322,00 |
| SMAS 180 2M 2,00 | 1,5 | 180 | 140x175 | 190x225 | 225 x 92 | 1.600 | 3.500 | € 411,00 |

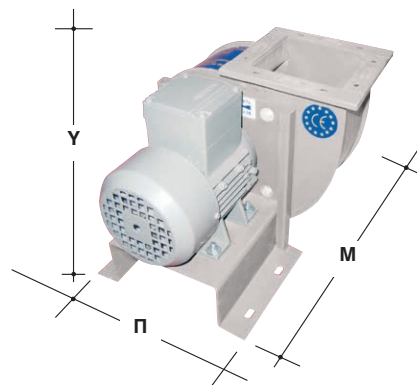
Technical Characteristics SMAS Series 2T (2800RPM / 400V)

| Type | Power (kW) | Inlet Flange (mm) | Outlet Flange (mm) | | Impeller (mm) | Total Pressure (Pa) | Air Flow (m³/h) | Price |
|------------------|------------|-------------------|--------------------|----------|---------------|---------------------|-----------------|----------|
| | | | Internal | External | | | | |
| SMAS 100 2T 0,25 | 0,18 | 100 | 95 x 110 | 145 x160 | 133 x 52 | 340 | 450 | € 171,00 |
| SMAS 120 2T 0,25 | 0,18 | 120 | 95 x 110 | 145 x160 | 133 x 52 | 570 | 780 | € 171,00 |
| SMAS 120 2T 0,50 | 0,37 | 120 | 120 x150 | 170x200 | 160 x 62 | 620 | 1.600 | € 211,00 |
| SMAS 140 2T 0,75 | 0,55 | 140 | 120 x150 | 170x200 | 180 x 75 | 820 | 2.500 | € 223,00 |
| SMAS 160 2T 1,50 | 1,1 | 160 | 135 x165 | 185x215 | 200 x 82 | 950 | 3.200 | € 322,00 |
| SMAS 180 2T 2,00 | 1,5 | 180 | 140x175 | 190x225 | 225 x 92 | 1.600 | 3.500 | € 411,00 |

Caution: 400V (three phase) motors should be protected by thermal contacts.



| Dimensions SMAS 1450 RPM (mm) | | | |
|-------------------------------|------------|------------|-----------|
| Inlet Flange (mm) | Y (Height) | M (Length) | Π (Width) |
| 100 | 300 | 320 | 230 |
| 120 | 300 | 320 | 230 |
| 140 | 390 | 380 | 300 |
| 160 | 420 | 400 | 330 |
| 180 | 460 | 420 | 360 |



Speed Controllers Inverters

- 230V input voltage inverter for controlling up to 4 HP in three phase motors.
- 400V input voltage inverter for any horsepower rating.
- Speed controllers, pages 320-322.



Speed Controllers

- 220V voltage AK-50 speed controller only for 1450 rpm electric motors up to 1,0HP.

Price: 70,00 €



- 220V voltage AK-51 speed controller for 1,5HP & 2HP electric motor.

Price: 140,00 €



Fan Impellers



Single Inlet Fan Outlet Reductions

| Inlet Flange (mm) | Type A | Price | Type B | Price |
|-------------------|--------|---------|--------|---------|
| 120 | SE120A | € 22,00 | SE120B | € 12,00 |
| 140 | SE140A | € 23,00 | SE140B | € 13,00 |
| 160 | SE160A | € 24,00 | SE160B | € 16,00 |
| 180 | SE180A | € 25,00 | SE180B | € 17,00 |

Impellers with Forward Curved Blades (siroco)

| Type | Dimensions (mm) | Price |
|----------|-----------------|----------|
| IMPS 133 | 133 X 52 | € 30,00 |
| IMPS 160 | 160 X 62 | € 39,00 |
| IMPS 180 | 180 X 75 | € 45,00 |
| IMPS 200 | 200 X 82 | € 68,00 |
| IMPS 225 | 225 X 92 | € 92,00 |
| IMPS 250 | 250 X 100 | € 141,00 |
| IMPS 315 | 315 X 128 | € 192,00 |
| IMPS 355 | 355 X 143 | € 205,00 |
| IMPS 400 | 400 X 163 | € 281,00 |

