

# Slingerland ventilatoren

## Specifications



### Fan type

In line centrifugal roof curb mounted with vertical discharge

### Applications

Suitable for operation in highly corrosive applications such as laboratory exhaust or the chemical industry.



### Housings: PP

Single back strong high density UV treated and recyclable polypropylene (PPH) with no air leakage. All fan mounting hardware in stainless steel.



### Wheels: PP

Forward curved centrifugal type impeller made of injection molded PPH. Fan wheel supplied with motor shaft bushing and hub cap constructed of PPH. Wheels electronically and dynamically balanced to ISO 1940.



### Motors

Direct drive, asynchronous, single or three phase, IP55. Single speed: three phase 230/400V-50/60 Hz, single phase 230V-50Hz. Explosion proof motors available on request. Motor is outside the corrosive airstream and accessible by removal of outer housing. Three phase motors speed adjustable by variable frequency inverter drive..



### ATEX

SEAT Series Fans are also available in ATEX Zone II, known outside Europe as explosion proof category 3 G execution in accordance with ATEX directive 94/9/CE. ATEX declaration of conformity available on our web site [www.seat-ventilation.com](http://www.seat-ventilation.com). The performances curves of explosion proof fans are identical with the ones of the standard version.

### Temperature resistance

PPH casing and wheel recommended up to 60°C.

### Performance

Fan performance based on tests conducted in accordance with AMCA 210-85 and ISO 5801.

### Warranty

SEAT VENTILATION warrants its equipment to be free from defects in workmanship and material under normal use and service for two years after shipment. Warranty is void if damage results from improper wiring or installation.



## Electrical data and weight\*

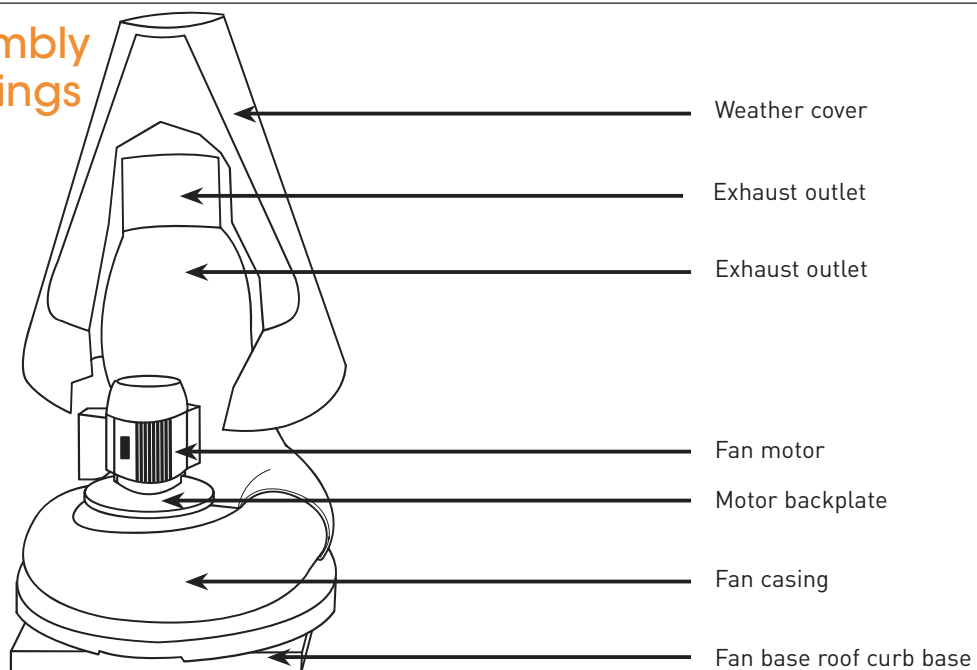
|              | RPM<br>(T/min) | (kW) | (V) | AMP draw<br>(A) | Weight<br>(Kgs) | Reference |
|--------------|----------------|------|-----|-----------------|-----------------|-----------|
| Single Phase |                |      |     |                 |                 |           |
| JET 20       | 1500           | 0,25 | 230 | 2,5             | 21,40           | 71202010  |
|              | 3000           | 0,75 | 230 | 5,4             | 22,60           | 71203010  |
| JET 25       | 1500           | 0,37 | 230 | 3,1             | 23,00           | 71252010  |
| JET 30       | 1500           | 1,50 | 230 | 6.87            | 41,80           | 71302010  |

|             |      |      |         |          |       |          |
|-------------|------|------|---------|----------|-------|----------|
| Three Phase |      |      |         |          |       |          |
| JET 20      | 1000 | 0,18 | 230/400 | 1,5/0,85 | 21,70 | 71201000 |
|             | 1500 | 0,25 | 230/400 | 1,7/0,96 | 21,00 | 71202000 |
|             | 3000 | 0,75 | 230/400 | 3,2/1,9  | 23,40 | 71203000 |
|             | 3000 | 1,10 | 230/400 | 4,7/2,7  | 27,90 | 71203001 |
| JET 25      | 1000 | 0,18 | 230/400 | 0,21/0,7 | 21,40 | 71251000 |
|             | 1500 | 0,37 | 230/400 | 3,1/1,8  | 21,20 | 71252000 |
|             | 3000 | 2,20 | 230/400 | 8,8/5,1  | 41,20 | 71253000 |
|             | 3000 | 3,00 | 230/400 | 10,3/6   | 45,60 | 71253300 |
| JET 30      | 1000 | 0,55 | 230/400 | 3/1,8    | 41,40 | 71301000 |
|             | 1500 | 1,10 | 230/400 | 4,7/2,7  | 45,50 | 71302000 |

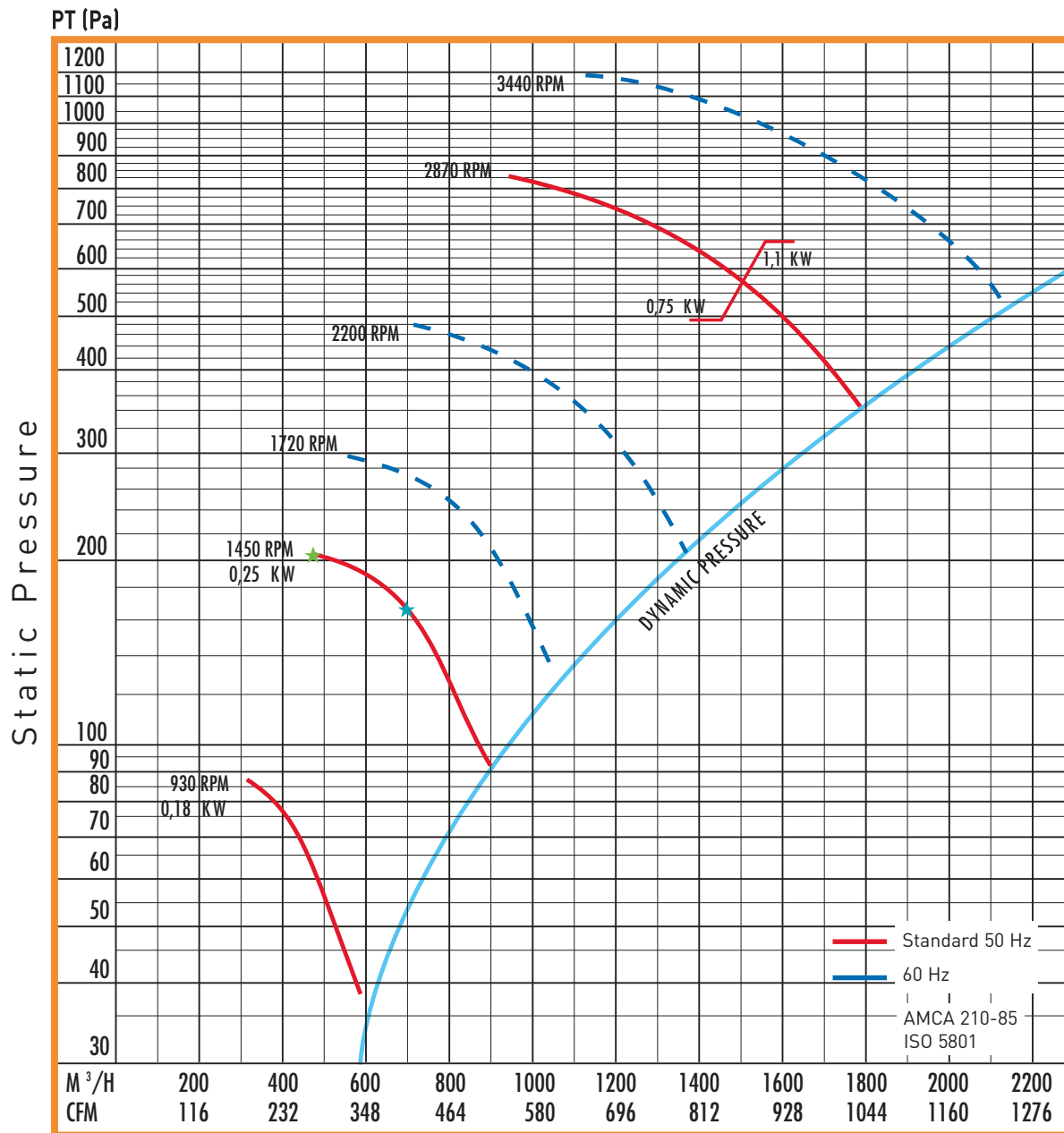
|                                                                                          |      |      |         |           |       |          |
|------------------------------------------------------------------------------------------|------|------|---------|-----------|-------|----------|
| ATEX  |      |      |         |           |       |          |
| JET 20 ATEX                                                                              | 1000 | 0,18 | 230/400 | 1,06/0,61 | 22,30 | 71201003 |
|                                                                                          | 1500 | 0,18 | 230/400 | 0,97/0,56 | 22,30 | 71202003 |
|                                                                                          | 3000 | 0,75 | 230/400 | 3,3/1,9   | 26,00 | 71203003 |
| JET 25 ATEX                                                                              | 1000 | 0,18 | 230/400 | 1,5/0,85  | 29,00 | 71251003 |
|                                                                                          | 1500 | 0,37 | 230/400 | 1,7/1     | 30,00 | 71252003 |
|                                                                                          | 3000 | 2,20 | 230/400 | 8/4,6     | 40,90 | 71253003 |
| JET 30 ATEX                                                                              | 1500 | 1,10 | 230/400 | 5,7/3,3   | 43,70 | 71302003 |

\*Tabulated current values are approximate and depend on make and model of the motor.

### Assembly drawings



# JET 20

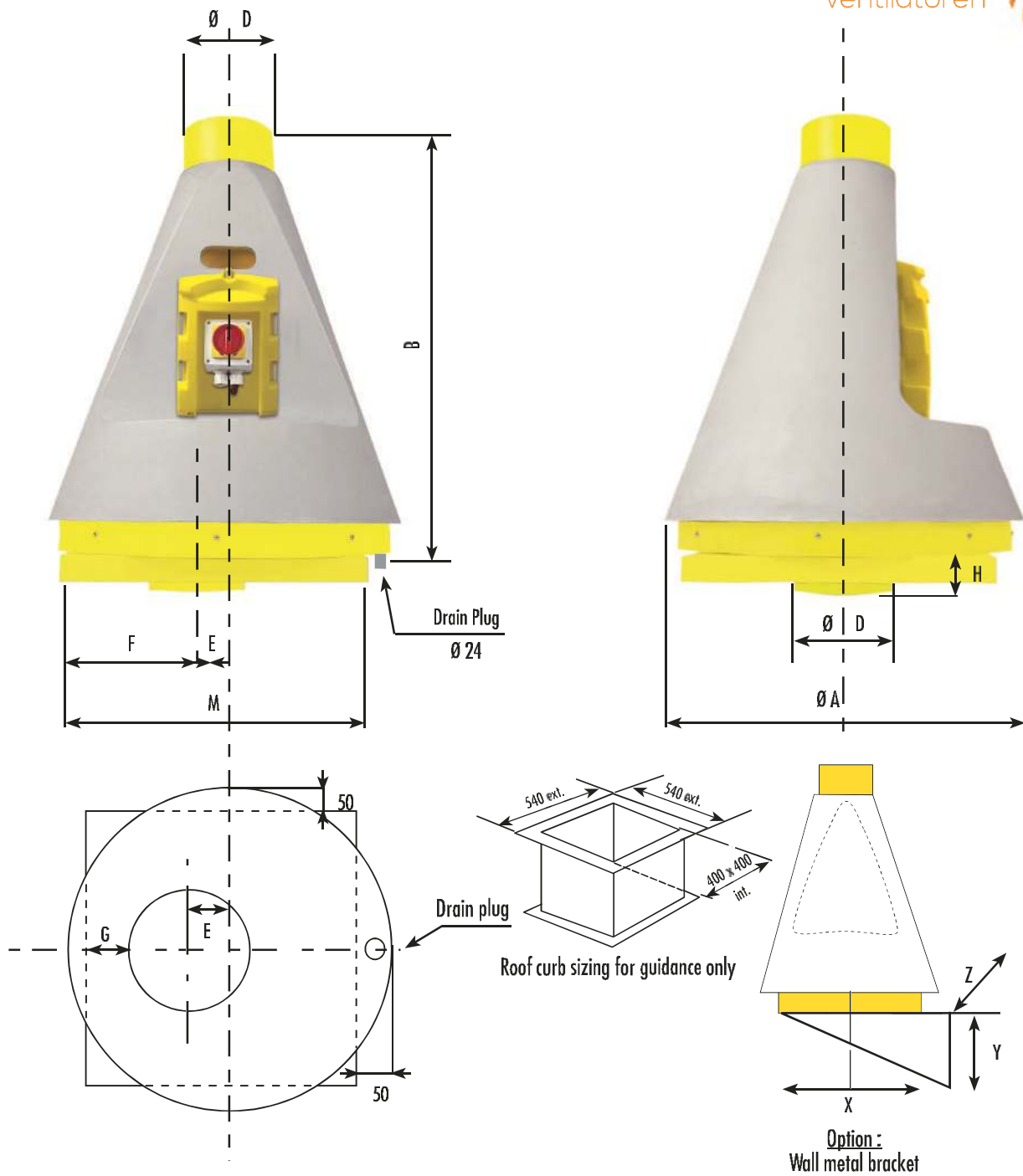


Free inlet/Free outlet  
Noise level test type A.  
Visit our website for details.

| R.P.M. | LWA<br>dB(A) |
|--------|--------------|
| 950    | 60,3         |
| ★ 1450 | 70,3         |
| 2900   | 85,1         |

Noise level in octaves (dB)

| Freq. Octave<br>Hz | 1450 R.P.M.<br>★ 470 m³/h | 1450 R.P.M.<br>★ 700 m³/h |
|--------------------|---------------------------|---------------------------|
| 125                | 66                        | 70                        |
| 250                | 69                        | 71                        |
| 500                | 67                        | 67                        |
| 1000               | 63                        | 66                        |
| 2000               | 58                        | 58                        |
| 4000               | 54                        | 57                        |



Available in 

| Dimensional data (mm) |     |               |    |     |     |    |     |     |     |            |
|-----------------------|-----|---------------|----|-----|-----|----|-----|-----|-----|------------|
| A                     | B   | $\emptyset D$ | E  | F   | G   | H  | X   | Y   | Z   | M          |
| 600                   | 800 | 160           | 50 | 250 | 160 | 70 | 280 | 350 | 400 | 540-540 mm |