



**IRONVENTS**

**Ürün Katalogu**  
Catalogue

**ÖLÇÜM DEĞİŞİM TABLOSU**

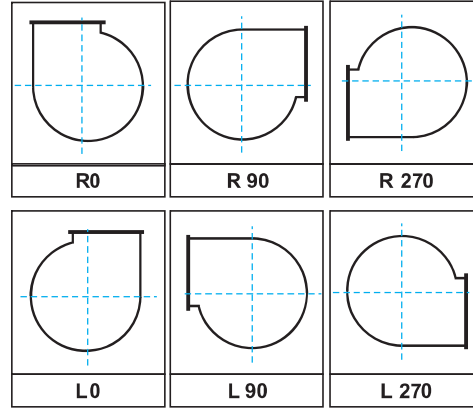
| DEBİ                |        |                     |                   |         |                     |          |           |                     |
|---------------------|--------|---------------------|-------------------|---------|---------------------|----------|-----------|---------------------|
| Multiply            | by     | to have             | Multiply          | by      | to have             | Multiply | by        | to have             |
| m <sup>3</sup> /s   | 60     | m <sup>3</sup> /min | m <sup>3</sup> /h | 0,0003  | m <sup>3</sup> /s   | l/min    | 0,000016  | m <sup>3</sup> /s   |
|                     | 3600   | m <sup>3</sup> /h   |                   | 0,0167  | m <sup>3</sup> /min |          | 0,001     | m <sup>3</sup> /min |
|                     | 1000   | l/s                 |                   | 0,2778  | l/s                 |          | 0,06      | m <sup>3</sup> /h   |
|                     | 60000  | l/min               |                   | 16,667  | l/min               |          | 0,0167    | l/s                 |
|                     | 2118,9 | CFM                 |                   | 0,58858 | CFM                 |          | 0,03531   | CFM                 |
| m <sup>3</sup> /min | 0,0167 | m <sup>3</sup> /s   | l/s               | 0,001   | m <sup>3</sup> /s   | CFM      | 0,0004719 | m <sup>3</sup> /s   |
|                     | 60     | m <sup>3</sup> /h   |                   | 0,06    | m <sup>3</sup> /min |          | 0,02832   | m <sup>3</sup> /min |
|                     | 16,667 | l/s                 |                   | 3,6     | m <sup>3</sup> /h   |          | 1,699     | m <sup>3</sup> /h   |
|                     | 1009   | l/min               |                   | 60      | l/min               |          | 0,47195   | l/s                 |
|                     | 35,315 | CFM                 |                   | 2,1189  | CFM                 |          | 28,317    | l/min               |

| BASINÇ             |           |                    |          |           |                    |          |          |                    |
|--------------------|-----------|--------------------|----------|-----------|--------------------|----------|----------|--------------------|
| Multiply           | by        | to have            | Multiply | by        | to have            | Multiply | by       | to have            |
| kgf/m <sup>2</sup> | 1         | mmH <sub>2</sub> O | Pa       | 0,10215   | kgf/m <sup>2</sup> | in-wg    | 25,4     | kgf/m <sup>2</sup> |
|                    | 0,07343   | mmHg               |          | 0,10215   | mmH <sub>2</sub> O |          | 25,4     | mmH <sub>2</sub> O |
|                    | 9,7898    | Pa                 |          | 0,007501  | mmHg               |          | 1,8651   | mmHg               |
|                    | 0,0000966 | Atm                |          | 0,0000099 | Atm                |          | 248,66   | Pa                 |
|                    | 0,00142   | psi                |          | 0,000145  | psi                |          | 0,002454 | Atm                |
|                    | 0,03937   | in-wg              |          | 0,004022  | in-wg              |          | 0,03607  | psi                |
|                    | 0,002891  | in-Hg              |          | 0,0002953 | in-Hg              |          | 0,07343  | in-Hg              |
| mmH <sub>2</sub> O | 1         | kgf/m <sup>2</sup> | Atm      | 10350     | kgf/m <sup>2</sup> | in-Hg    | 345,91   | kgf/m <sup>2</sup> |
|                    | 0,07343   | mmHg               |          | 10350     | mmH <sub>2</sub> O |          | 345,91   | mmH <sub>2</sub> O |
|                    | 9,7898    | Pa                 |          | 760       | mmHg               |          | 25,4     | mmHg               |
|                    | 0,0000966 | Atm                |          | 101300    | Pa                 |          | 3386,4   | Pa                 |
|                    | 0,00142   | psi                |          | 14,699    | psi                |          | 0,03342  | Atm                |
|                    | 0,03937   | in-wg              |          | 407,48    | in-wg              |          | 0,49115  | psi                |
|                    | 0,002891  | in-Hg              |          | 29,921    | in-Hg              |          | 13,619   | in-wg              |
| mmHg               | 13,619    | kgf/m <sup>2</sup> | psi      | 704,28    | kgf/m <sup>2</sup> |          |          |                    |
|                    | 13,619    | mmH <sub>2</sub> O |          | 704,28    | mmH <sub>2</sub> O |          |          |                    |
|                    | 133,32    | Pa                 |          | 51,715    | mmHg               |          |          |                    |
|                    | 0,001316  | Atm                |          | 6894,8    | Pa                 |          |          |                    |
|                    | 0,01934   | psi                |          | 0,06805   | Atm                |          |          |                    |
|                    | 0,53616   | in-wg              |          | 27,728    | in-wg              |          |          |                    |
|                    | 0,03937   | in-Hg              |          | 2,036     | in-Hg              |          |          |                    |

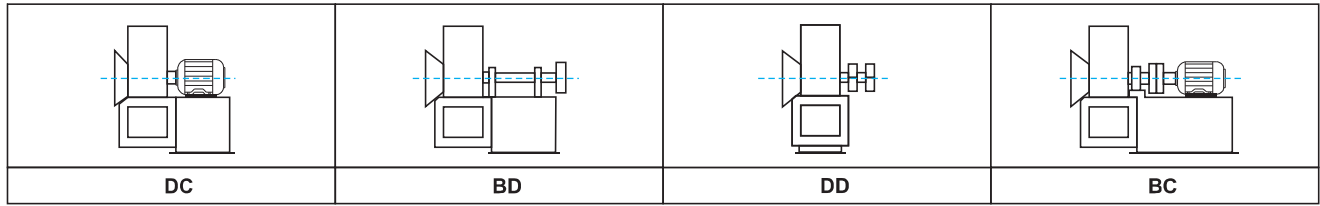
| GÜÇ      |         |           |          |         |           |           |           |           |
|----------|---------|-----------|----------|---------|-----------|-----------|-----------|-----------|
| Multiply | by      | to have   | Multiply | by      | to have   | Multiply  | by        | to have   |
| W        | 0,001   | kw        | kgm/sec  | 9,81    | w         | ft-lb/min | 0,0226    | w         |
|          | 0,1019  | kgm/sec   |          | 0,00981 | kw        |           | 0,0000226 | kw        |
|          | 0,00136 | HP        |          | 0,01    | HP        |           | 0,0023    | kgm/sec   |
|          | 44,254  | ft-lb/min |          | 434,78  | ft-lb/min |           | 0,0000303 | HP        |
|          | 0,73756 | ft-lb/s   |          | 7,2     | ft-lb/s   |           | 0,0167    | ft-lb/s   |
| kW       | 1000    | w         | HP       | 745,7   | w         | ft-lb/s   | 1,3558    | w         |
|          | 101,9   | kgm/sec   |          | 0,7457  | kw        |           | 0,0013558 | kw        |
|          | 1,36    | HP        |          | 76,04   | kgm/sec   |           | 0,1388    | kgm/sec   |
|          | 44254   | ft-lb/min |          | 33000   | ft-lb/min |           | 0,0018    | HP        |
|          | 737,56  | ft-lb/s   |          | 550     | ft-lb/s   |           | 60        | ft-lb/min |

## RADYAL VANTİLATÖRLER SİPARİŞ NOTASYONU

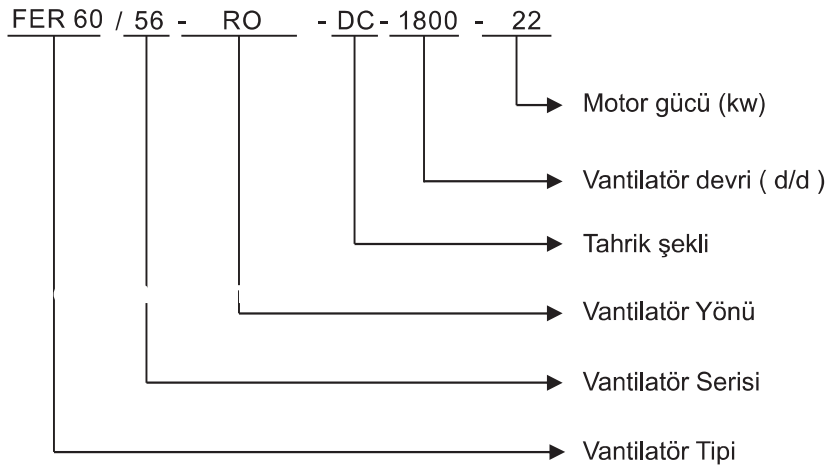
### 1- KONUM NOTASYONU TAHRİK TARAFINDAN BAKILDIĞINDA (ROTATION - MOTOR OVERVIEW)



### 2- TAHRİK ŞEKLİ

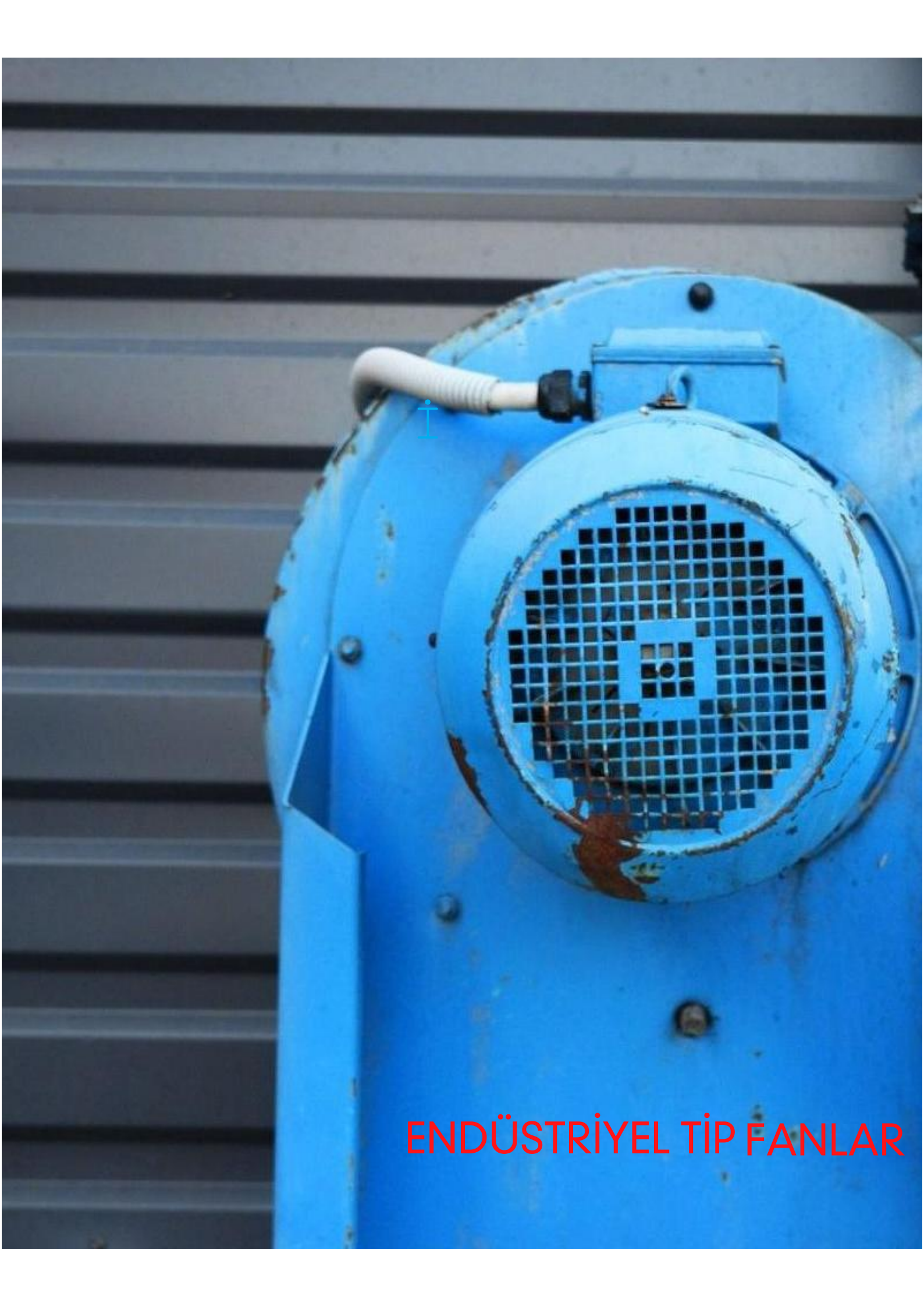


### 3- SİPARİŞ NOTASYON BİLGİLERİ



#### BELİRTİLMESİ GEREKEN DİĞER HUSUSLAR

- \* DEBİ ( m<sup>3</sup>/h )
- \* TOPLAM BASINÇ ( mmSS )
- \* ÇALIŞMA ŞARTLARI ( sıcaklık, rakım, kroziif durum, vs. )
- \* KULLANMA MAKSADI



ENDÜSTRİYEL TİP FANLAR

## ABR ALÇAK BASINÇLI RADYAL FAN ABR TYPE RADIAL FAN

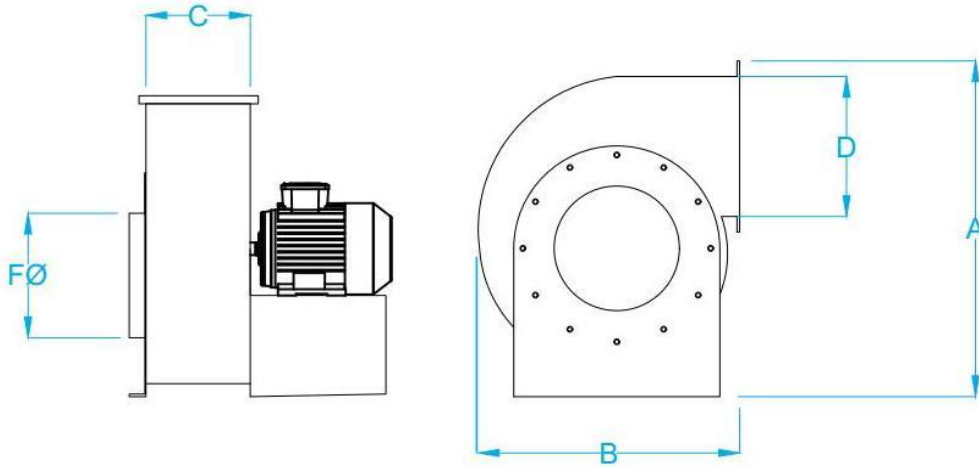


### KULLANIM ALANLARI / AREAS OF USAGE

- Temiz ve az tozlu hava naklinde / Aspiration of clean or slightly dusty air
- Mobilya ve cila atölyelerinde / Furniture and polishing workshops
- Endüstriyel mutfak havalandırmasında / The industrial kitchen aspiration system
- Havalandırma tesisatlarında / Aspiration systems

### ÖZELLİKLERİ / SPECIFICATIONS

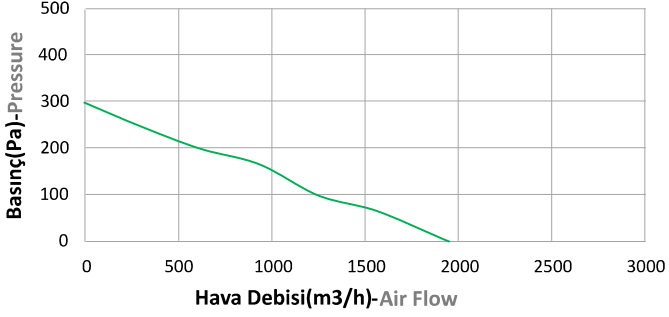
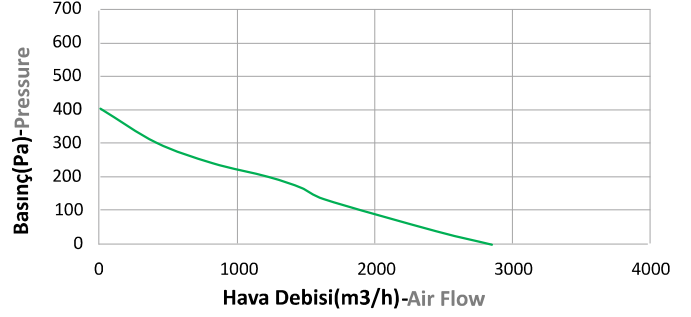
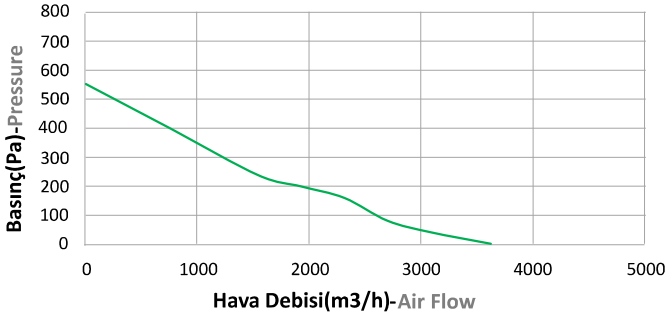
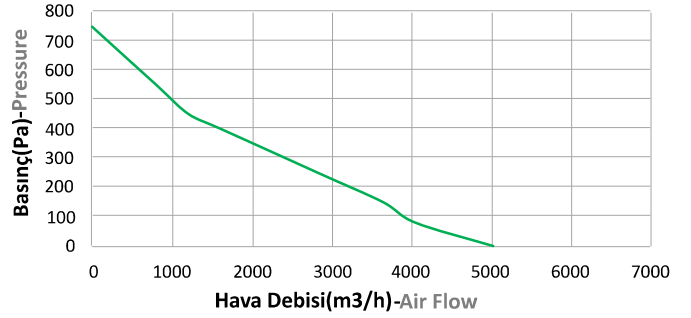
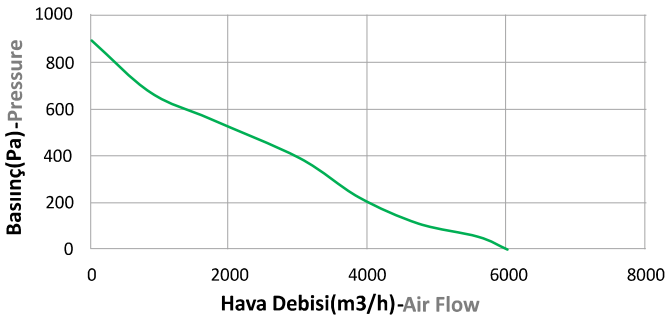
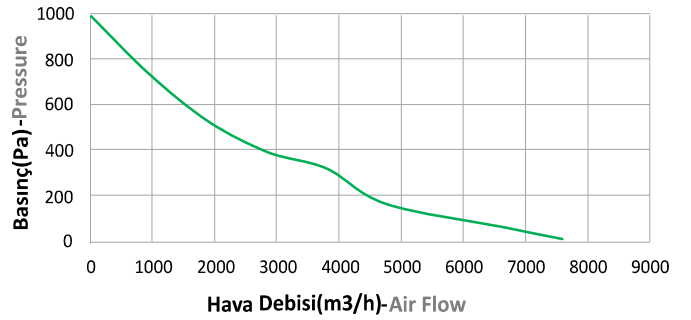
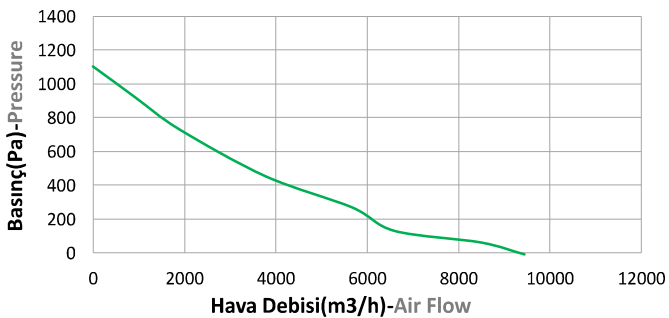
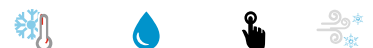
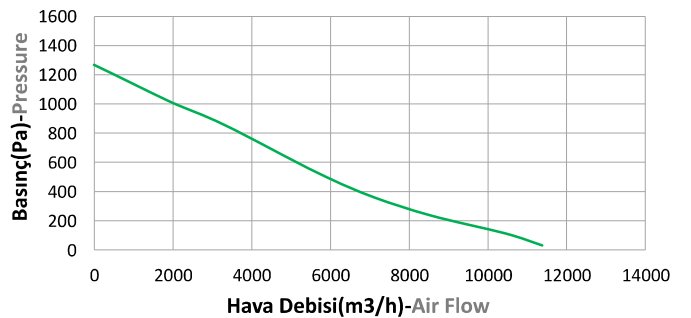
- Debi / Airflow : 2500 – 15000 m<sup>3</sup>/h
- Basınç / Pressure : 300 – 1500 Pa
- Seyrek kanatlı vantilatörler / Forward curved impeller
- Direkt akuple / Direct coupling



| SERİ   | Güç<br>kw | Devir<br>RPM | Voltaj<br>(V) | Debi<br>m <sup>3</sup> /h | Basınç<br>mmss | A<br>mm | B<br>mm | C<br>mm | D<br>mm | Ø F<br>mm | Ağırlık<br>kg |
|--------|-----------|--------------|---------------|---------------------------|----------------|---------|---------|---------|---------|-----------|---------------|
| ABR 2  | 0,75      | 1450         | 220/380       | 1950                      | 30             | 570     | 400     | 180     | 230     | 200       | 35            |
| ABR 3  | 1,1       | 1450         | 220/380       | 2900                      | 40             | 650     | 500     | 200     | 260     | 240       | 42            |
| ABR 4  | 1,5       | 1450         | 220/380       | 3500                      | 55             | 700     | 550     | 230     | 280     | 260       | 51            |
| ABR 5  | 2,2       | 1450         | 220/380       | 5000                      | 75             | 750     | 590     | 230     | 300     | 280       | 63            |
| ABR 6  | 3         | 1450         | 220/380       | 6000                      | 90             | 750     | 600     | 250     | 320     | 300       | 68            |
| ABR 7  | 4         | 1450         | 380           | 7500                      | 100            | 810     | 640     | 250     | 340     | 320       | 72            |
| ABR 8  | 5,5       | 1450         | 380           | 9500                      | 110            | 920     | 740     | 300     | 390     | 350       | 100           |
| ABR 9  | 7,5       | 1450         | 380           | 11500                     | 125            | 990     | 800     | 320     | 420     | 380       | 120           |
| ABR 10 | 11        | 1450         | 380           | 15000                     | 150            | 1050    | 895     | 350     | 440     | 420       | 145           |

All dimensions are in mm.



**PERFORMANS VERİLERİ | PERFORMANCE DATA**
**ABR-2**

**ABR-3**

**ABR-4**

**ABR-5**

**ABR-6**

**ABR-7**

**ABR-8**

**ABR-9**


## OBR ORTA BASINÇLI RADYAL FAN OBR TYPE RADIAL FAN

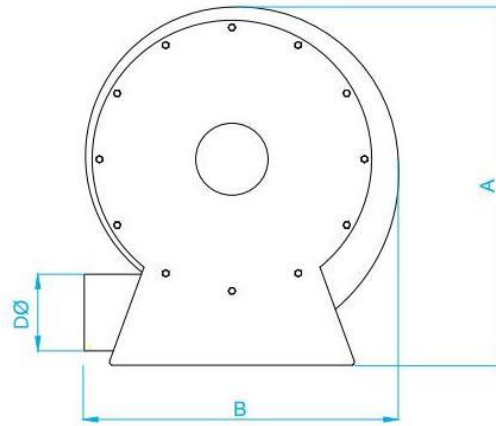
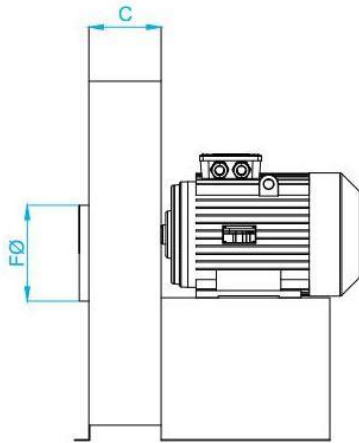


### KULLANIM ALANLARI / AREAS OF USAGE

- Poşet ve matbaa makinelerinde / Bag making machines and printing press
- Üfleyerek malzeme naklinde / Transportation of materials by blowing
- Bek yakmada / Lighting up burner
- Hava perdesi ve cam soğutmada / Cooling air curtain and glass moulds.
- Endüstriyel ocaklarda / Industrial ovens.

### ÖZELLİKLERİ / SPECIFICATIONS

- Debi / Airflow : 1000 – 7500 m<sup>3</sup>/h
- Basınç / Pressure : 1400 – 5500 Pa
- Direkt akuple veya kayış kasnak tahrikli / Direct coupling or belt driven

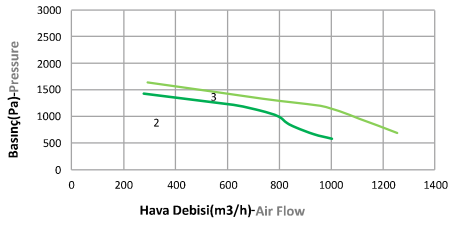
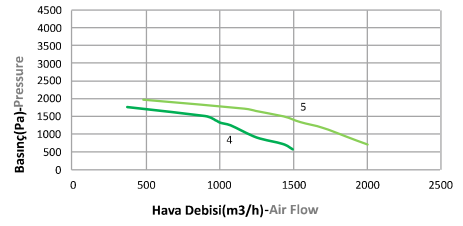
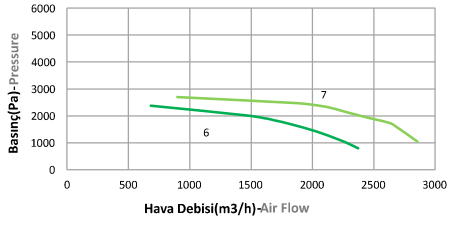
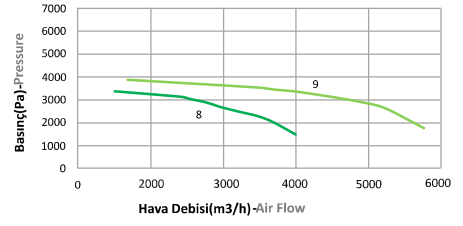
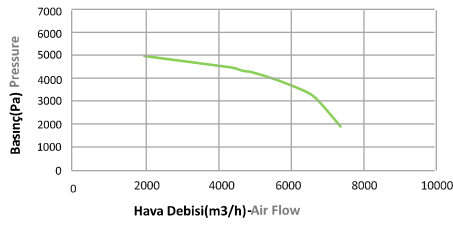


| SERİ   | Güç<br>kw | Devir<br>RPM | Voltaj<br>(V) | Debi<br>m <sup>3</sup> /h | Basınç<br>mmss | A<br>mm | B<br>mm | C<br>mm | D<br>mm | Ø F<br>mm | Ağırlık<br>kg |
|--------|-----------|--------------|---------------|---------------------------|----------------|---------|---------|---------|---------|-----------|---------------|
| OBR 2  | 0,75      | 2850         | 220/380       | 1000                      | 140            | 500     | 580     | 100     | 100     | 130       | 30            |
| OBR 3  | 1,1       | 2850         | 220/380       | 1250                      | 160            | 530     | 610     | 100     | 100     | 140       | 35            |
| OBR 4  | 1,5       | 2850         | 220/380       | 1500                      | 180            | 530     | 620     | 120     | 120     | 150       | 42            |
| OBR 5  | 2,2       | 2850         | 220/380       | 2000                      | 200            | 590     | 650     | 120     | 120     | 170       | 45            |
| OBR 6  | 3         | 2850         | 220/380       | 2425                      | 220            | 660     | 700     | 150     | 150     | 180       | 55            |
| OBR 7  | 4         | 2850         | 380           | 2850                      | 270            | 670     | 710     | 150     | 150     | 190       | 65            |
| OBR 8  | 5,5       | 2850         | 380           | 4000                      | 325            | 750     | 780     | 150     | 150     | 200       | 85            |
| OBR 9  | 7,5       | 2850         | 380           | 5750                      | 400            | 790     | 820     | 180     | 180     | 220       | 100           |
| OBR 10 | 11        | 2850         | 380           | 7500                      | 500            | 860     | 890     | 200     | 200     | 220       | 125           |

All dimensions are in mm.



## PERFORMANS VERİLERİ | PERFORMANCE DATA

**OBR-2 | OBR-3**

**OBR-4 | OBR-5**

**OBR-6 | OBR-7**

**OBR-8 | OBR-9**

**OBR-10**




## YBR YÜKSEK BASINÇLI RADYAL FAN YBR TYPE RADIAL FAN

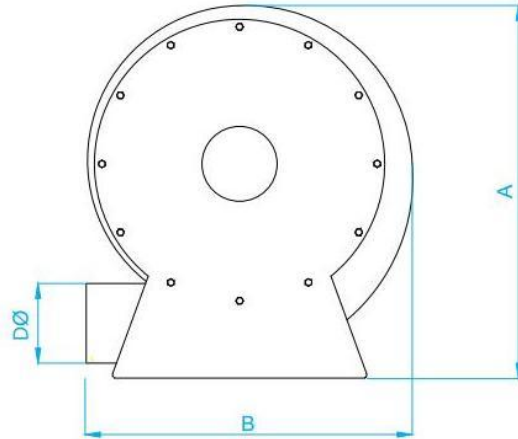
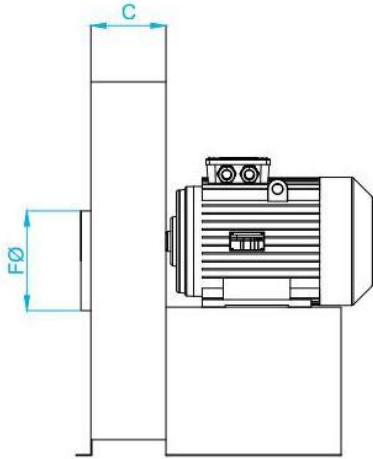


### KULLANIM ALANLARI / AREAS OF USAGE

- Poşet ve matbaa makinelerinde / Bag making machines and printing press
- Üfleyerek malzeme naklinde / Transportation of materials by blowing
- Bek yakmada / Lighting up burner
- Hava perdesi ve cam soğutmada / Cooling air curtain and glass moulds.
- Endüstriyel ocaklarda / Industrial ovens.

### ÖZELLİKLERİ / SPECIFICATIONS

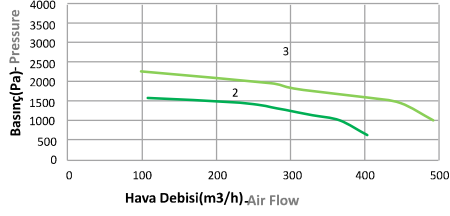
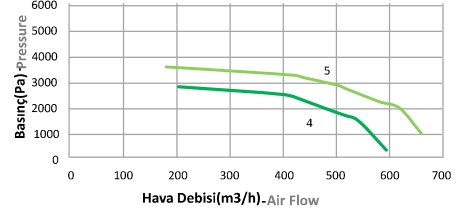
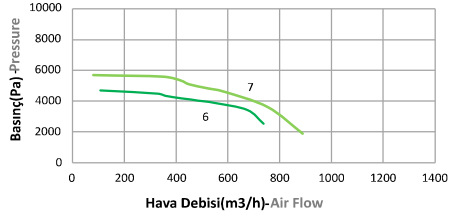
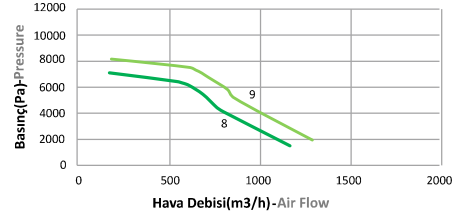
- Debi / Airflow : 150 – 1500 m<sup>3</sup>/h
- Basınç / Pressure : 400 – 10000 Pa
- Direkt akuple veya kayış kasnak tahrikli / Direct coupling or belt driven



| SERİ   | Güç<br>kw | Devir<br>RPM | Voltaj<br>(V) | Debi<br>m <sup>3</sup> /h | Basınç<br>mmss | A<br>mm | B<br>mm | C<br>mm | D<br>mm | Ø F<br>mm | Ağırlık<br>kg |
|--------|-----------|--------------|---------------|---------------------------|----------------|---------|---------|---------|---------|-----------|---------------|
| YBR 2  | 0,75      | 2850         | 220/380       | 400                       | 150            | 590     | 630     | 70      | 70      | 120       | 28            |
| YBR 3  | 1,1       | 2850         | 220/380       | 500                       | 225            | 600     | 620     | 70      | 70      | 130       | 40            |
| YBR 4  | 1,5       | 2850         | 220/380       | 600                       | 290            | 630     | 710     | 70      | 70      | 140       | 47            |
| YBR 5  | 2,2       | 2850         | 220/380       | 650                       | 375            | 690     | 720     | 80      | 80      | 150       | 56            |
| YBR 6  | 3         | 2850         | 220/380       | 775                       | 425            | 720     | 710     | 80      | 80      | 160       | 61            |
| YBR 7  | 4         | 2850         | 380           | 900                       | 575            | 750     | 820     | 80      | 80      | 170       | 69            |
| YBR 8  | 5,5       | 2850         | 380           | 1150                      | 700            | 810     | 780     | 100     | 100     | 180       | 110           |
| YBR 9  | 7,5       | 2850         | 380           | 1300                      | 800            | 870     | 860     | 100     | 100     | 190       | 135           |
| YBR 10 | 11        | 2850         | 380           | 1500                      | 1000           | 1040    | 930     | 110     | 110     | 200       | 160           |

All dimensions are in mm.



**PERFORMANS VERİLERİ | PERFORMANCE DATA**
**YBR-2 | YBR-3**

**YBR-4 | YBR-5**

**YBR-6 | YBR-7**

**YBR-8 | YBR-9**

**YBR-10**
