

TR

## AXF Aksiyal Kanal Tipi Duman Tahliye Fanları

### Genel Özellikler

- 355 mm - 1250 mm çap aralığında farklı model seçenekleri bulunmaktadır.
- Çift yönlü ve çift devirli olarak üretimi yapılabilmektedir.
- Aerofoil kesitli, açısı ayarlanabilir kanatlar, alüminyum enjeksiyon döküm yöntemiyle üretilmektedir.
- UNI ISO6580/EUROVENT 1-2 Standartlarında iki tarafı kaynaklı kendinden flanşlı gövdeye sahiptir.
- Gövde sert çelikten imal edilmekte ve standart olarak sıcak daldırma galvaniz ile kaplanmaktadır.
- S1 normal havalandırma zamanı sürekli olarak -20°C/+55°C sıcaklık aralığında,
- S2 yangın anında 200°C/2h, 300°C/2h, 400°C/2h sıcaklık aralıklarında çalışmaya uygundur.
- EN 12101-3:2015 standartlarında sertifikalandırılmıştır.

### Motor

- IP 55 korumalı, IE2/3 yüksek verimli kendinden yağlanan rulmanlı tam kapalı tipte, H izolasyon sınıfındadır.
- Kolay elektrik bağlantısı için, fan gövdesi dışında IP67 korumalı harici elektrik bağlantı kutusu bulunmaktadır.
- Standart olarak 400V-50Hz'dir ve frekans konvertörü ile kullanıma uygundur.

### Kullanım Alanları

- Genel mahal havalandırmaları
- Kapalı otopark ve garaj duman tahliye sistemleri
- Taze hava ve egzoz amaçlı kullanımlar



EN

## AXF Axial Duct Type Smoke Extract Fans

### General Features

- There are different model options in the range of 355-1250 mm
- It can be produced as double speed and reversible.
- With aerofoil section and adjustable angle blades are produced by aluminum injection casting method.
- Both sides are self-flanged without welding according to ISO6580 UNI/EUROVENT 1-2 standards.
- The fan casing is produced from hard steel and coated Hot-Dip Galvanized as standard.
- It is suitable for operation in temperature range (S1) -20°C/+55°C and the fire conditions (S2) 200°C/2h, 300°C/2h, 400°C/2h
- Fan is certified with EN12101-3:2015 standards.

### Motor

- IP 55 protected, IE2/3 high efficiency and with self lubricating bearing, fully enclosed type, in H insulation class.
- There is an external electrical junction box with IP67 protection outside the body for easy electrical connection.
- It is 400V-50Hz as standard and it is suitable for use with frequency converter.

### Areas of Usage

- General area ventilation
- Car park smoke extraction systems
- Used for fresh air, exhaust

Genel Özellikler / General Features

| MODEL         | m³/h  | V-50Hz    | MOTOR |       |       | Static Pressure Performance Table (Pst/Pa) |       |       |       |       |       |       |       |       |       |       |       | SPL<br>dB(A) |
|---------------|-------|-----------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
|               |       |           | (kW)  | (rpm) | (A)   | 100                                        | 150   | 200   | 250   | 300   | 350   | 400   | 500   | 600   | 700   | 800   | 900   |              |
| AXF 35-2T-1   | 4000  | 400V-50Hz | 0,75  | 2805  | 1,56  | 3400                                       | 3000  | 2550  | 2000  | 1200  |       |       |       |       |       |       |       | 78           |
| AXF 35-2T-1   | 4600  | 400V-50Hz | 0,75  | 2805  | 1,56  | 4000                                       | 3600  | 3100  | 2500  | 1600  |       |       |       |       |       |       |       | 80           |
| AXF 35-2T-1   | 5000  | 400V-50Hz | 0,75  | 2805  | 1,56  | 4700                                       | 4450  | 4150  | 3830  | 3500  | 3000  |       |       |       |       |       |       | 82           |
| AXF 35-2T-1   | 5800  | 400V-50Hz | 0,75  | 2805  | 1,56  | 5320                                       | 5000  | 4740  | 4400  | 4000  | 3600  |       |       |       |       |       |       | 82           |
| AXF 40-2T-1   | 6500  | 400V-50Hz | 0,75  | 2805  | 1,56  | 6000                                       | 5750  | 5500  | 5200  | 4840  | 4370  | 3850  |       |       |       |       |       | 85           |
| AXF 40-2T-2   | 7820  | 400V-50Hz | 1,10  | 2820  | 2,32  | 7370                                       | 7050  | 6770  | 6400  | 6000  | 5500  | 5150  | 3500  |       |       |       |       | 85           |
| AXF 40-2T-2   | 9780  | 400V-50Hz | 1,50  | 2860  | 3,05  | 9150                                       | 8760  | 8400  | 7900  | 7480  | 7030  | 6540  | 5150  |       |       |       |       | 87           |
| AXF 45-2T-2   | 11000 | 400V-50Hz | 1,50  | 2860  | 3,05  | 10300                                      | 9900  | 9500  | 9120  | 8670  | 8170  | 7600  | 5850  |       |       |       |       | 88           |
| AXF 45-2T-3   | 12100 | 400V-50Hz | 2,20  | 2840  | 4,53  | 11500                                      | 11000 | 10700 | 10200 | 9780  | 9250  | 8800  | 7200  |       |       |       |       | 88           |
| AXF 45-2T-4   | 15000 | 400V-50Hz | 3,00  | 2890  | 5,81  | 14200                                      | 13700 | 13100 | 12600 | 12100 | 11500 | 10900 | 9000  |       |       |       |       | 91           |
| AXF 50-2T-3   | 14000 | 400V-50Hz | 2,20  | 2840  | 4,53  | 13000                                      | 12700 | 12300 | 11700 | 11200 | 10700 | 10000 | 8540  | 6130  |       |       |       | 86           |
| AXF 50-2T-4   | 15600 | 400V-50Hz | 3,00  | 2890  | 5,81  | 14800                                      | 14500 | 14000 | 13500 | 13000 | 12400 | 11800 | 10300 | 7500  |       |       |       | 89           |
| AXF 56-2T-5,5 | 18200 | 400V-50Hz | 4,00  | 2910  | 7,41  | 17300                                      | 16800 | 16300 | 15800 | 15200 | 14700 | 14000 | 12500 | 10000 |       |       |       | 91           |
| AXF 56-2T-3   | 14000 | 400V-50Hz | 2,20  | 2840  | 4,53  | 13000                                      | 12500 | 12000 | 11500 | 11000 | 10500 | 9860  | 8480  | 6630  | 4500  |       |       | 97           |
| AXF 56-2T-4   | 17600 | 400V-50Hz | 3,00  | 2890  | 5,81  | 16600                                      | 16200 | 15700 | 15200 | 14600 | 14000 | 13400 | 11800 | 9500  | 6700  |       |       | 95           |
| AXF 56-2T-5,5 | 20300 | 400V-50Hz | 4,00  | 2910  | 7,41  | 19300                                      | 18800 | 18300 | 17700 | 17300 | 16700 | 16100 | 14500 | 12400 | 9320  |       |       | 94           |
| AXF 56-2T-7,5 | 23500 | 400V-50Hz | 5,50  | 2910  | 10,50 | 22500                                      | 22000 | 21300 | 20800 | 20300 | 19500 | 18900 | 17300 | 15500 | 14800 | 12500 |       | 93           |
| AXF 63-2T-7,5 | 24500 | 400V-50Hz | 5,50  | 2935  | 10,30 | 23500                                      | 23000 | 22500 | 22000 | 21500 | 21000 | 20500 | 19200 | 17700 | 16100 | 14300 | 11300 | 95           |
| AXF 63-2T-10  | 28000 | 400V-50Hz | 7,50  | 2920  | 13,60 | 27400                                      | 26900 | 26400 | 25800 | 25300 | 24800 | 24000 | 23000 | 21500 | 20000 | 17500 | 14500 | 94           |
| AXF 71-2T-7,5 | 28500 | 400V-50Hz | 5,50  | 2935  | 10,30 | 27200                                      | 26500 | 25600 | 24800 | 24000 | 23100 | 22200 | 20300 | 18000 | 15100 | 11700 |       | 96           |
| AXF 71-2T-10  | 35000 | 400V-50Hz | 7,50  | 2920  | 13,60 | 33500                                      | 32700 | 32000 | 31000 | 30200 | 29300 | 28400 | 26400 | 24200 | 22000 | 19200 | 15000 | 96           |
| AXF 71-2T-15  | 40000 | 400V-50Hz | 11,00 | 2950  | 19,80 | 38400                                      | 37600 | 36700 | 35900 | 35000 | 34000 | 33000 | 31000 | 28700 | 26300 | 23600 | 20000 | 98           |
| AXF 71-2T-20  | 41300 | 400V-50Hz | 15,00 | 2945  | 26,90 | 40300                                      | 39800 | 39300 | 38800 | 38300 | 37800 | 37200 | 36200 | 35100 | 33900 | 32500 | 31000 | 101          |

| MODEL          | m³/h   | V-50Hz    | MOTOR |       |       | Static Pressure Performance Table (Pst/Pa) |        |        |        |        |       |       |       |       |       |       |       | SPL<br>dB(A) |
|----------------|--------|-----------|-------|-------|-------|--------------------------------------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------------|
|                |        |           | (kW)  | (rpm) | (A)   | 50                                         | 100    | 150    | 200    | 250    | 300   | 350   | 400   | 450   | 550   | 650   | 750   |              |
| AXF 56-4T-2    | 11000  | 400V-50Hz | 0,75  | 1415  | 1,71  | 10200                                      | 9250   | 8000   | 5500   |        |       |       |       |       |       |       |       | 77           |
| AXF 56-4T-3    | 12800  | 400V-50Hz | 1,10  | 1440  | 2,56  | 12000                                      | 10900  | 9650   | 7700   |        |       |       |       |       |       |       |       | 78           |
| AXF 63-4T-2    | 16000  | 400V-50Hz | 1,10  | 1440  | 2,56  | 14900                                      | 13900  | 12300  | 10000  |        |       |       |       |       |       |       |       | 80           |
| AXF 63-4T-3    | 18500  | 400V-50Hz | 1,50  | 1440  | 3,19  | 18000                                      | 16000  | 14600  | 12300  |        |       |       |       |       |       |       |       | 81           |
| AXF 63-4T-4    | 20000  | 400V-50Hz | 2,20  | 1440  | 4,61  | 19100                                      | 18000  | 16800  | 15400  | 13500  |       |       |       |       |       |       |       | 84           |
| AXF 71-4T-3    | 23400  | 400V-50Hz | 2,20  | 1440  | 4,61  | 22300                                      | 21000  | 19800  | 18500  | 16700  | 14500 |       |       |       |       |       |       | 87           |
| AXF 71-4T-4    | 26600  | 400V-50Hz | 3,00  | 1440  | 5,94  | 25500                                      | 24300  | 23000  | 21200  | 19300  | 16400 |       |       |       |       |       |       | 88           |
| AXF 80-4T-4    | 30000  | 400V-50Hz | 3,00  | 1440  | 5,94  | 28400                                      | 27100  | 25600  | 24100  | 22400  | 20300 | 17500 |       |       |       |       |       | 88           |
| AXF 80-4T-5,5  | 34100  | 400V-50Hz | 4,00  | 1440  | 7,62  | 32700                                      | 31400  | 29800  | 28200  | 26300  | 24400 | 21300 |       |       |       |       |       | 89           |
| AXF 80-4T-7,5  | 38500  | 400V-50Hz | 5,50  | 1470  | 10,60 | 37000                                      | 35400  | 33800  | 32000  | 30000  | 27600 | 23800 |       |       |       |       |       | 90           |
| AXF 90-4T-5,5  | 38500  | 400V-50Hz | 4,00  | 1440  | 7,62  | 37100                                      | 35600  | 33800  | 31700  | 29400  | 26700 | 23000 | 18000 |       |       |       |       | 87           |
| AXF 90-4T-7,5  | 45800  | 400V-50Hz | 5,50  | 1470  | 10,60 | 44200                                      | 42300  | 40500  | 38700  | 36500  | 34100 | 30600 | 25000 |       |       |       |       | 90           |
| AXF 90-4T-10   | 52000  | 400V-50Hz | 7,50  | 1470  | 14,20 | 50300                                      | 48600  | 46500  | 44500  | 42000  | 39000 | 36200 | 30200 |       |       |       |       | 92           |
| AXF 100-4T-7,5 | 49500  | 400V-50Hz | 5,50  | 1470  | 10,60 | 47700                                      | 45900  | 43800  | 41700  | 39100  | 36400 | 33400 | 29800 | 23000 |       |       |       | 95           |
| AXF 100-4T-10  | 58000  | 400V-50Hz | 7,50  | 1470  | 14,20 | 56000                                      | 54200  | 52100  | 50000  | 47400  | 44700 | 41500 | 37600 | 30300 |       |       |       | 95           |
| AXF 100-4T-15  | 66500  | 400V-50Hz | 11,00 | 1470  | 21,00 | 64000                                      | 61800  | 59700  | 57600  | 55000  | 52100 | 48400 | 44500 | 38500 |       |       |       | 95           |
| AXF 100-4T-20  | 68500  | 400V-50Hz | 15,00 | 1460  | 28,40 | 67000                                      | 65000  | 63600  | 61800  | 60000  | 57800 | 55600 | 53000 | 49800 | 39800 |       |       | 95           |
| AXF 112-4T-15  | 61000  | 400V-50Hz | 11,00 | 1470  | 21,00 | 59500                                      | 58000  | 56200  | 54500  | 52800  | 50800 | 49000 | 47000 | 45000 | 39000 | 31500 | 25000 | 99           |
| AXF 112-4T-20  | 74000  | 400V-50Hz | 15,00 | 1460  | 28,40 | 72500                                      | 70800  | 69000  | 67200  | 65000  | 63100 | 61000 | 58800 | 56300 | 50700 | 42000 | 31500 | 99           |
| AXF 112-4T-25  | 86500  | 400V-50Hz | 18,50 | 1475  | 35,20 | 84600                                      | 82700  | 80900  | 78900  | 77000  | 75000 | 72800 | 70400 | 68200 | 62700 | 54000 | 38000 | 98           |
| AXF 112-4T-30  | 92500  | 400V-50Hz | 22,00 | 1470  | 42,40 | 90600                                      | 88700  | 87000  | 85200  | 83000  | 80800 | 79000 | 76300 | 74000 | 67000 | 55800 | 38000 | 98           |
| AXF 125-4T-20  | 73000  | 400V-50Hz | 15,00 | 1460  | 28,40 | 71500                                      | 70000  | 68500  | 66700  | 65000  | 63500 | 61500 | 60000 | 57800 | 52300 | 44000 | 38000 | 97           |
| AXF 125-4T-25  | 83000  | 400V-50Hz | 18,50 | 1470  | 35,20 | 81000                                      | 79000  | 77500  | 75600  | 73700  | 71600 | 69600 | 67400 | 65400 | 62800 | 51200 | 45000 | 98           |
| AXF 125-4T-30  | 93200  | 400V-50Hz | 22,00 | 1470  | 42,40 | 91300                                      | 89000  | 87000  | 85000  | 83000  | 81000 | 78500 | 76200 | 74000 | 69000 | 61000 | 52000 | 99           |
| AXF 125-4T-40  | 112000 | 400V-50Hz | 30,00 | 1475  | 54,80 | 109000                                     | 107000 | 105000 | 103000 | 101000 | 99000 | 96700 | 94500 | 91600 | 84500 | 69000 | 63000 | 100          |

Ölçüler / Dimensions

| MODEL   | øD   | øB   | øA   | N X øJ | E   |
|---------|------|------|------|--------|-----|
| AXF 35  | 355  | 392  | 435  | 8x11   | 400 |
| AXF 40  | 400  | 438  | 480  | 8x11   | 400 |
| AXF 45  | 450  | 488  | 530  | 8x11   | 500 |
| AXF 50  | 500  | 538  | 580  | 8x11   | 500 |
| AXF 56  | 560  | 600  | 640  | 12X11  | 500 |
| AXF 63  | 630  | 670  | 710  | 12X12  | 500 |
| AXF 71  | 710  | 750  | 790  | 12x11  | 500 |
| AXF 80  | 800  | 840  | 880  | 16x11  | 560 |
| AXF 90  | 900  | 940  | 980  | 16x11  | 630 |
| AXF 100 | 1000 | 1041 | 1080 | 16x11  | 630 |
| AXF 112 | 1120 | 1169 | 1000 | 24x11  | 710 |
| AXF 125 | 1250 | 1299 | 1100 | 24x11  | 900 |

