TDKF

Dikdörtgen Kanal Fanı

Rectangle Air Duct Fan

tezel®

ISITMA • SOĞUTMA • HAVALANDIRMA

TDKF DİKDÖRTGEN KANAL FANI

Dikdörtgen Kanal Fanlarımız 30-15, 40-20a, 40-20b, 50-25, 60-30, 60-35a, 60-35b, 70-40, 80-50, 100-50 ebatlarında on model olarak 560-10000 m^3/h aralığında TSE EN 60335-1 ve TSE EN 60335-2-80 standartları doğrultusunda üretilmektedir.

Rectangular air duct fans are produced as 190, 225, 250, 280, 355, 400, 450, 500, 560, in airflow from 560 to 10,000 m^3/h, in accordance with TSE EN 60335-1, TSE EN 60335-2-80 standards.

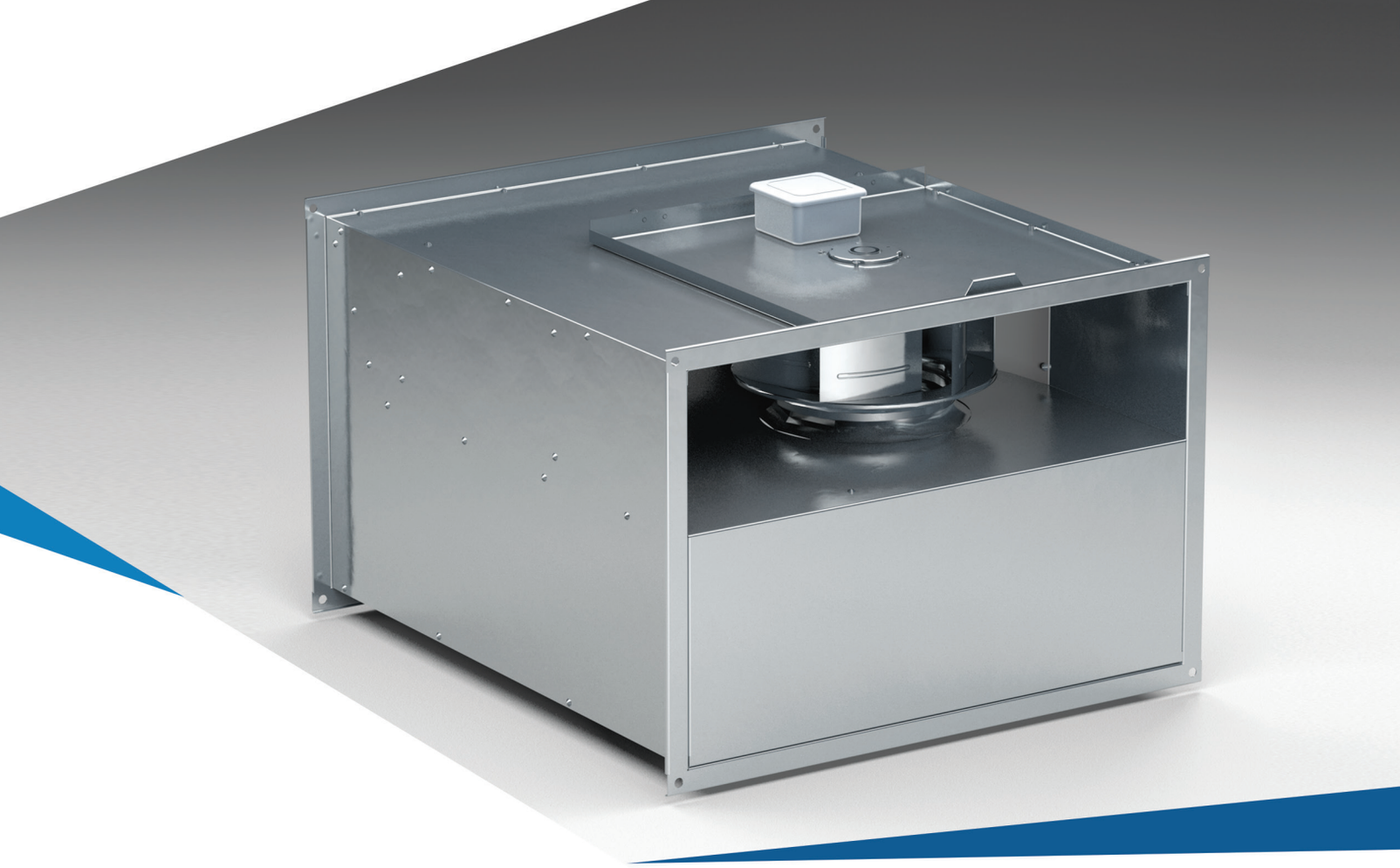
Kullanım

Alışveriş merkezleri, oteller, Ticarethaneler, Fabrikalar, Restaurantlar, Spor ve Eğtim tesisleri gibi endüstriyel, konut ve ticari alanların havalandırma ihtiyaçlarını karşılamak için TEZEL mühendisleri tarafından tasarlanmıştır.

Laboratuvarlarımızda debi, basınç, desibel ve ısınma testlerinin yapılarak müşterilerimizin hizmetine sunulan fanlarımız, mükemmel çözümler sunar.

Rectangular Duct Fan are designed to supply the needs of the ventilation of Shopping malls, hotels, Commercial, Factories, Restaurants, Sports and Edu facilities as well as industrial, residential and commercial areas by TEZEL engineers.

Air flow, pressure, heating and decibels tests are performed in our laboratories. Our Rectangular Fan supply perfect solution for the absorption of polluted air and fresh air in the following environment.



Yapısı

- Kasa galvanize çelik levhadan mamüldür.

- Özel olarak solidworks programında modellediğimiz fanlarımız otomatik CNC tezgahlarda işlenerek montaja hazır hale getirilir.

- Aerodinamik kasa yapısı, ve kullanılan dıştan rotorlu fan sayesinde yüksek verimde ve düşük desibelde çalışır.

- Dikdörtgen kanallarla kullanım için tasarlanmıştır

- Menteşeli kapak sayesinde, motor sökülmeden müdahale edilebilme özelliğine sahiptir.

- Fan kasası kendinden filanşlı olarak imal edilir.

- Kasa kenarlarına 50 mikron silicon bantlar çekilerek sızdırmaz bir yapıya sahip olması hedeflenmektedir.

Structure

- The case galvanized is made from steel plate.

- Our fans are specially designed in Solidworks software automatically processed on CNC machines and then getting ready to installation.

- Fan runs at high efficiency and low decibels through external rotor fan and aerodynamic chasis structure external rotor.

- They are designed for use with rectangular ducts.

- Having the feature of responding to the failure without taking the engine out with a hinged cowl.

- One of our aims is having a leak-proof construction due to strap to the cases edged with 50 mm silicon band.

- All equipment are easily accessible for service and maintenance

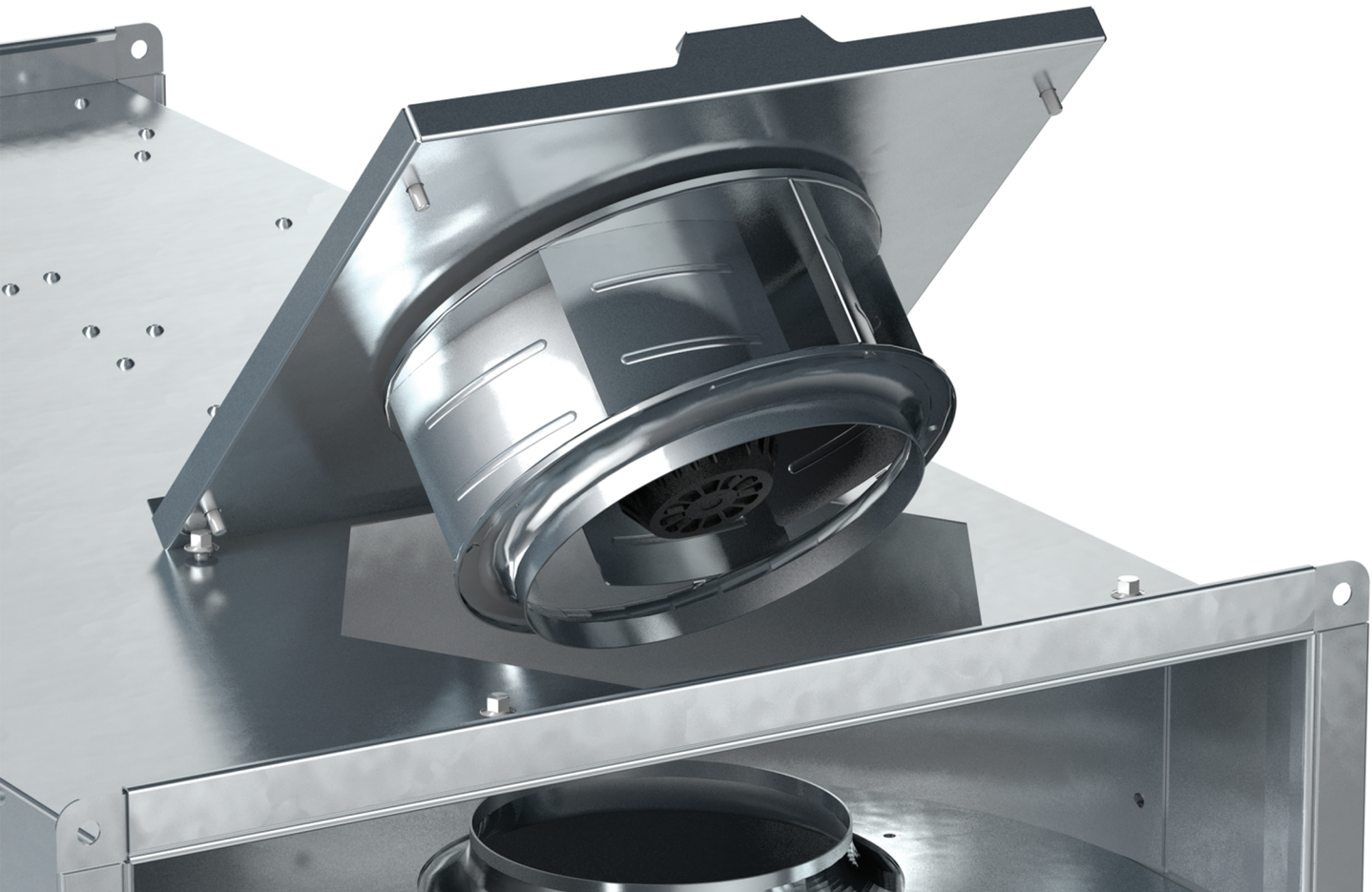
Fan & Motor

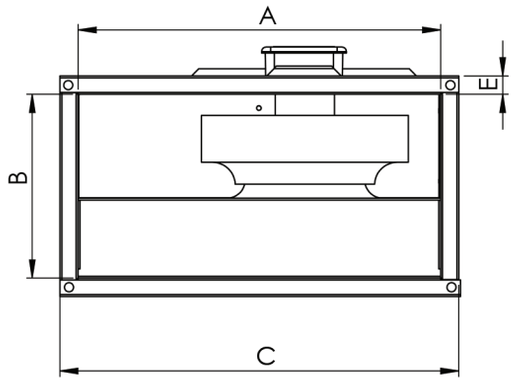
Bilgisayar ortamında özel seçim programıyla seçilen yüksek verimli geniş, geriye egik kanatli radyal fanlar kullanılmaktadır.

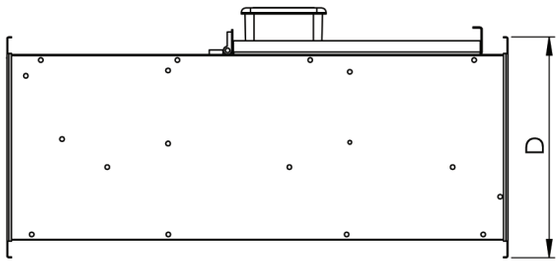
Fanlar maksimum verim ve optimum ses seviyesi göz önünde tutularak seçilmiş ve boyutlandırılmıştır. Koruma sınıfı B ve C olan motorlar kullanılmaktadır.

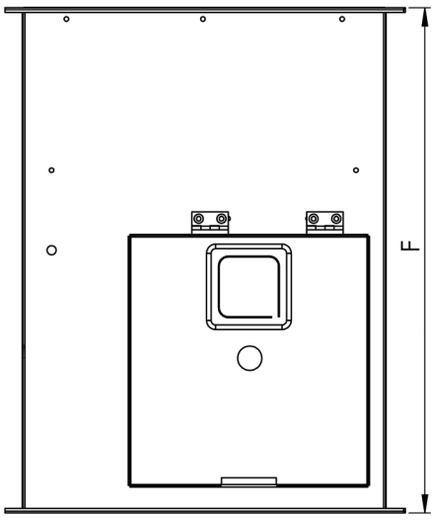
Highly efficient large and backward-curved centrifugal fans which are selected by a special program on the computer base, are used.

Fan are selected and sized according to maximum efficiency and optimum decibel level. Protection class B and Class F engines that are used.









Ölçüler / *Dimensions*

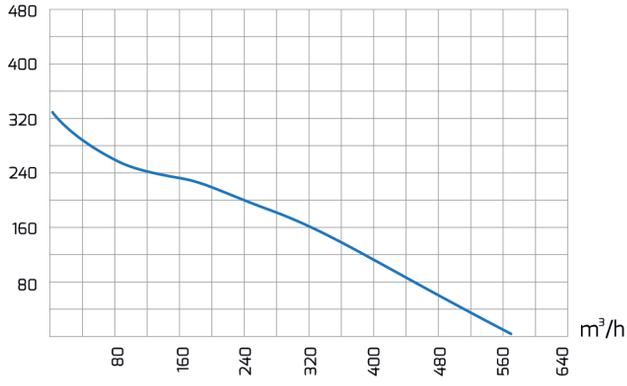
TİP	A	B	C	D	E	F
TDKF 30-15	300	150	340	190	20	450
TDKF 40-20A	400	200	440	240	20	550
TDKF 40-20B	400	200	440	240	20	550
TDKF 50-25	500	250	550	300	25	650
TDKF 60-30	600	300	650	350	25	650
TDKF 60-35A	600	350	650	390	25	650
TDKF 60-35B	600	350	650	400	25	650
TDKF 70-40	700	400	750	450	25	750
TDKF 80-50	800	500	860	560	30	850
TDKF 100-50	1000	500	1060	560	30	1050

Teknik Bilgiler / *Technical Data*

NO	ÜRÜN KODU Product Code	VOLTAJ Voltage (V)	FREKANS Frequency (Hz)	GÜÇ Power (W)	AKIM Current (A)	DEVİR Speed (Rpm)	SES SEVİYESİ Decibel dB(A)	DEBİ Airflow (m^3/h)	AĞIRLIK Weight (kg)
1	30-15	220	50	22	0.10	1365	64.00	560	7.00
2	40-20a	220	50	150	0.7	2600	66.00	1050	12.00
3	40-20b	220	50	200	0.9	2600	72.00	1350	13.00
4	50-25	220	50	250	1.1	2500	70.00	1750	16.00
5	60-30	220	50	135	0.6	1400	63.00	2000	25.00
6	60-35a	220	50	165	0.75	1400	61.00	2500	38.00
7	60-35b	220	50	400	1.5	1380	65.00	4100	40.00
8	70-40	220	50	550	2.5	1320	68.00	5600	45.00
9	80-50	380	50	1100	2.50	1400	75.00	8000	65.00
10	100-50	380	50	1800	3.20	1250	77.00	10000	93.00

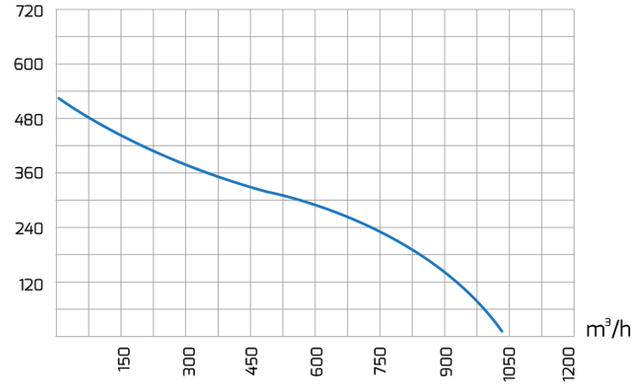
Pa

ϕ TDKF 30-15



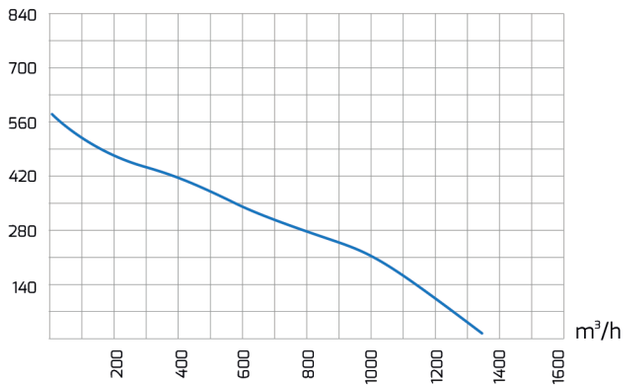
Pa

ϕ TDKF 40-20a



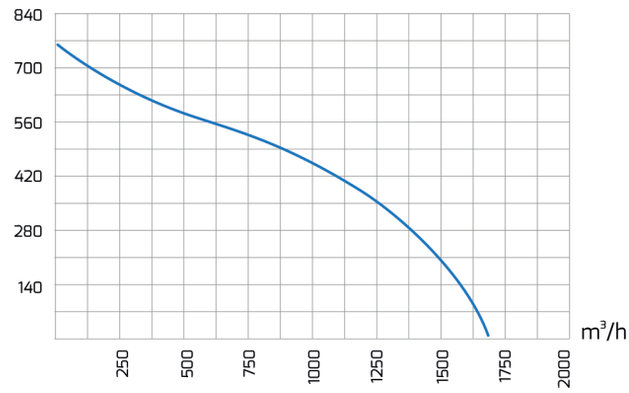
Pa

ϕ TDKF 40-20b

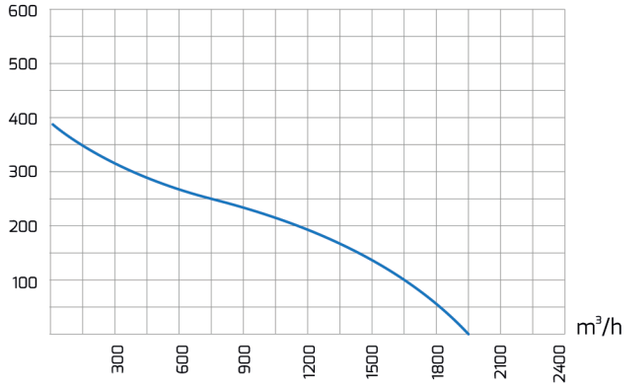


Pa

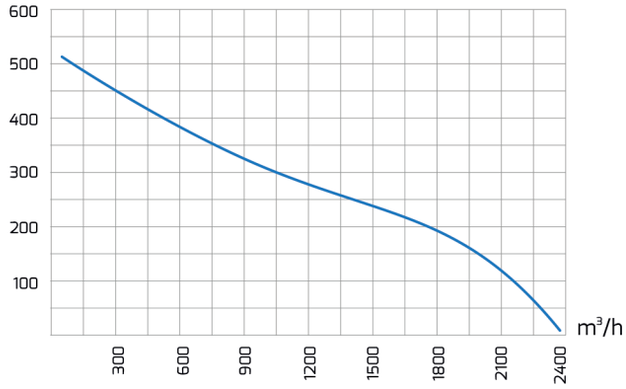
ϕ TDKF 50-25



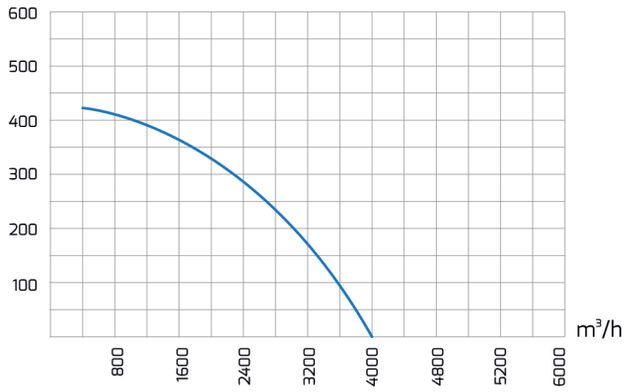
ϕ TDKF 60-30



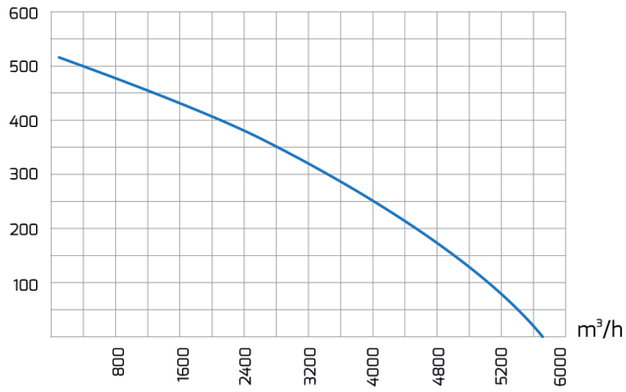
ϕ TDKF 60-35a



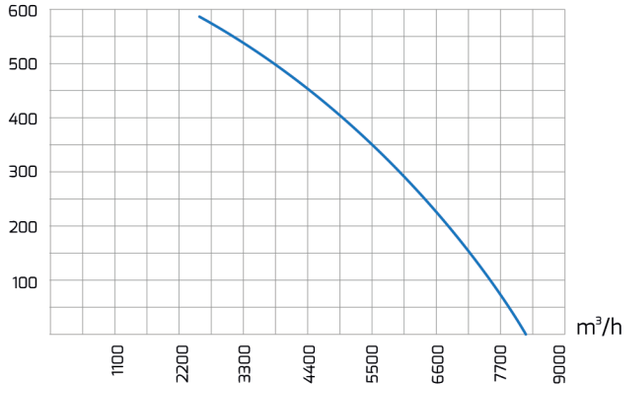
ϕ TDKF 60-35b



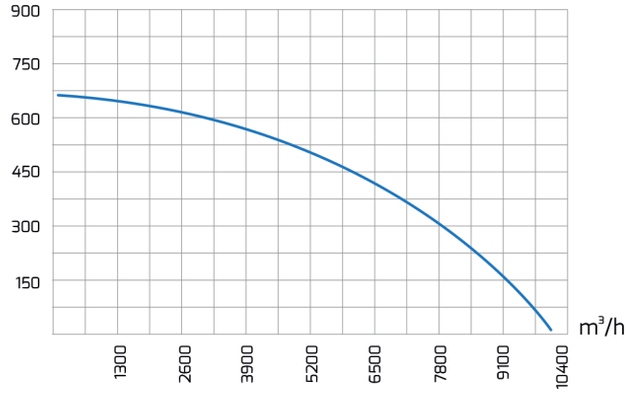
ϕ TDKF 70-40



ϕ TDKF 80-50



ϕ TDKF 100-50



kaliteli **havanın** mimarı

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