

NFDAX-DUCT AXIAL SMOKE & PRESSURISATION FAN

SMOKE EXTRACTION, FRESH AIR SUPPLY & PRESSURISATION FANS

NAFFCO Fans provides state-of-the-art smoke extraction & pressurisation fans. Which ranges from High-temperature fans for smoke extraction tested & certified for working at 300°C/400°C 2 Hrs. Axial Smoke Pressurization Fans are used in staircases, elevator shafts and other applications for pressurization and smoke extraction. Axial fan can be used in high volume-low pressure systems. Ducted Axial Fans, with high efficiency aluminum airfoil impeller, diameter from 355 mm upto 1600 mm and over.



MOTOR INSULATION CLASS	F/H CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2-IE3
MOTOR ENCLOSURE TYPE	TEFC /TEAO
BODY MATERIAL	SHEET METAL
BODY COATING	POWDER COATING / HDG
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C / 300 /400 °C 120 Min.
STANDARDS	UL , APPLUS, CE & ESL



MODEL	VOLTAGE (V)	FREQUENCY (Hz)	POWER (KW)	REVOLUTION (rpm)	FLOW RATE (m³/h)	NOISE LEVEL (dB(A))
NFDAX 355	400	50	0.25	1.450	2.100	63
NFDAX 400	400	50	0.37	1.450	2.895	66
NFDAX 450	400	50	0.55	1.456	4.180	69
NFDAX 500	400	50	0.55	1.453	5.845	63
NFDAX 560	400	50	0.75	1.466	8.150	72
NFDAX 630	400	50	1.10	1.465	13.480	75
NFDAX 710	400	50	1.50	1.472	19.210	80
NFDAX 800	400	50	3.00	1.463	30.940	83
NFDAX 900	400	50	5.50	1.472	44.635	89
NFDAX 1000	400	50	18.50	1.458	69.070	93
NFDAX 1120	400	50	30.00	1.474	95.270	99
NFDAX 1250	400	50	37.00	1.474	103.126	102
NFDAX 1400	400	50	45.00	1.476	113.600	109
NFDAX 1600	400	50	75.00	1.480	158.848	116

ACCESSORIES



GRILL

SUPPORT FEET

FLANGE

CONNECTOR

RUBBER PAD

SPRING

PANEL

OTHER OPTIONS



Electro-static Powder Coating



Aluminium Blades



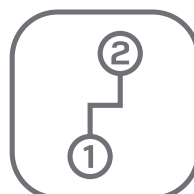
Custom Production For Any Flowrate and Pressure



System Automation

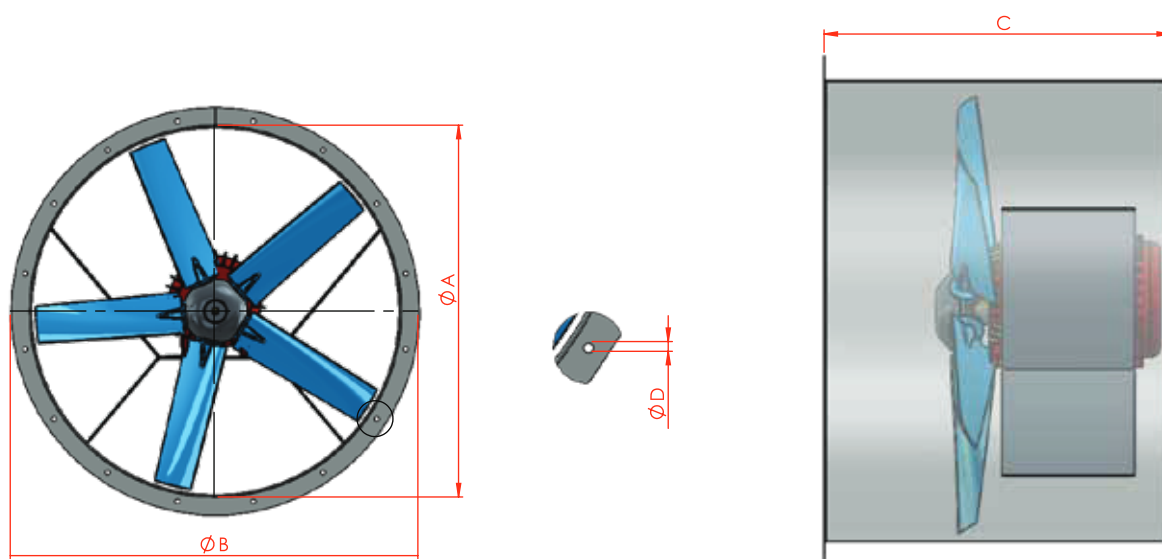


Multiple numbers of Blades Options



Two Speed Motor Option

DRAWING



MODEL	A (mm)	B (mm)	C (mm)	D (mm)
NFDAX - 355	355	435	380	11
NFDAX - 400	400	480	380	11
NFDAX - 450	450	530	380	11
NFDAX - 500	500	580	450	11
NFDAX - 560	560	640	500	11
NFDAX - 630	630	710	500	11
NFDAX - 710	710	800	590	11
NFDAX - 800	800	890	690	11
NFDAX - 900	900	1000	680	11
NFDAX - 1000	1000	1100	810	11
NFDAX - 1120	1120	1220	810	11
NFDAX - 1250	1250	1370	1150	13
NFDAX - 1400	1400	1520	1150	13
NFDAX - 1600	1600	1720	1150	15