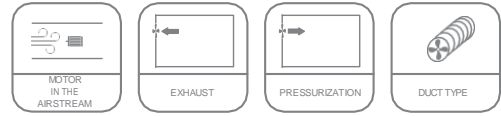




HRAD fans can be used in low to medium volume requirements Easy-to-install and low noise level and power usage makes it a good option for commercial use.

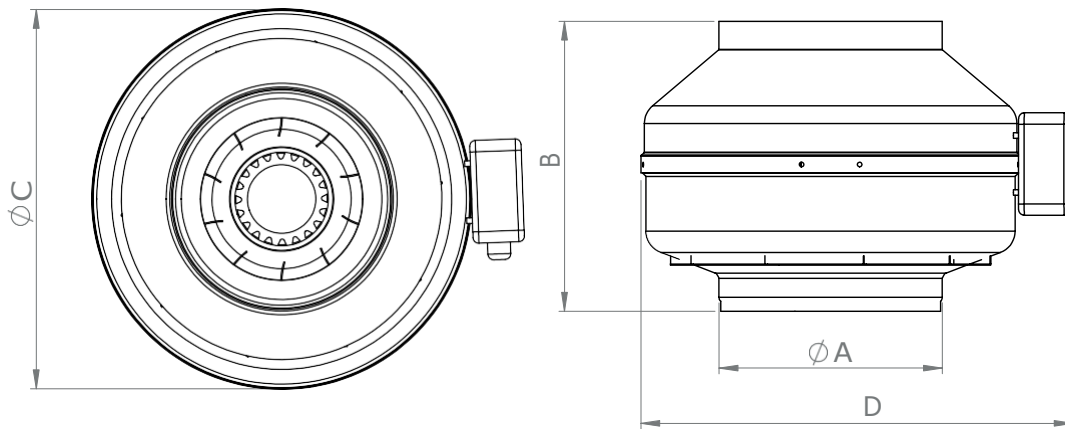


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	IE2-IE3
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	HAVALAN
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTROSTATIC POWDER PAINT
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING AMBIENT TEMPERATURE	-20 - +50 °C
DIRECTIVE	IEC-60335-2-80, ISO 1940-1

MODEL	VOLTAGE (V)	FREQUENCY (Hz)	POWER (W)	REVOLUTION (rpm)	FLOW RATE (m³/h)	NOISE LEVEL (dB(A))	PRICE
HRAD 100	230	50	80	2.600	290	47	
HRAD 125	230	50	80	2.600	410	47	
HRAD 150	230	50	85	2.600	700	50	
HRAD 160	230	50	85	2.600	710	51	
HRAD 200	230	50	122	2.675	1.000	52	
HRAD 250	230	50	145	2.685	1.120	54	
HRAD 315	230	50	210	2.615	1.750	57	

Values are for 0 Pa.

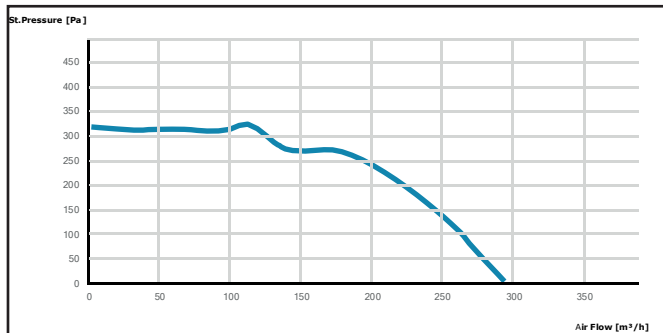
## DRAWING



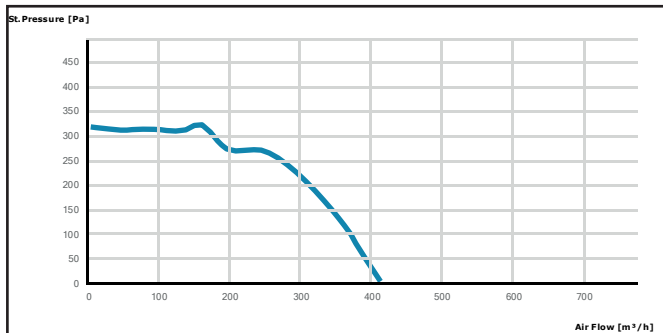
MODEL	A (mm)	B (mm)	C (mm)	D (mm)
HRAD 100	98	208	246	290
HRAD 125	123	208	246	290
HRAD 150	148	196	270	320
HRAD 160	158	196	270	320
HRAD 200	198	255	333	380
HRAD 250	248	234	331	380
HRAD 315	313	283	401	450

# PERFORMANCE CURVES

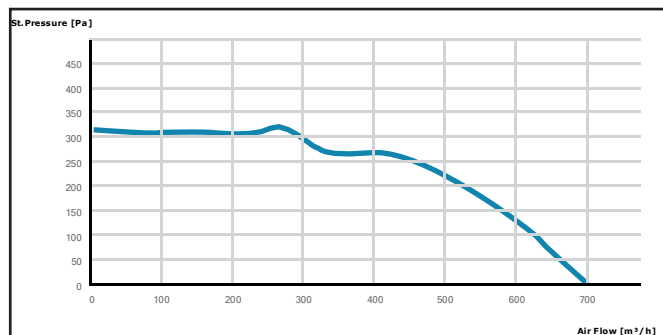
HRAD 100



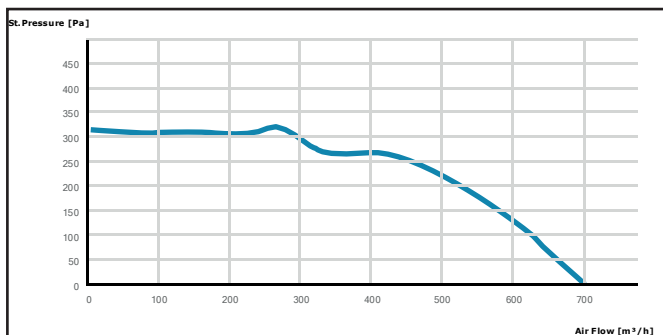
HRAD 125



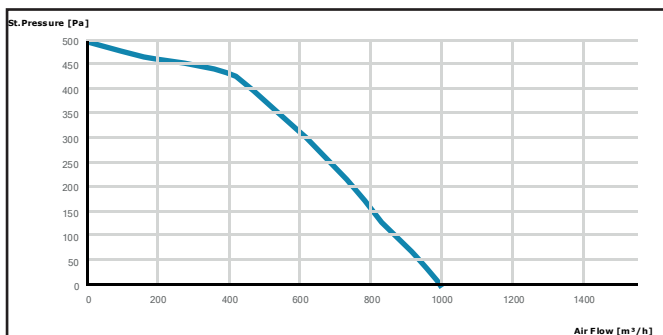
HRAD 150



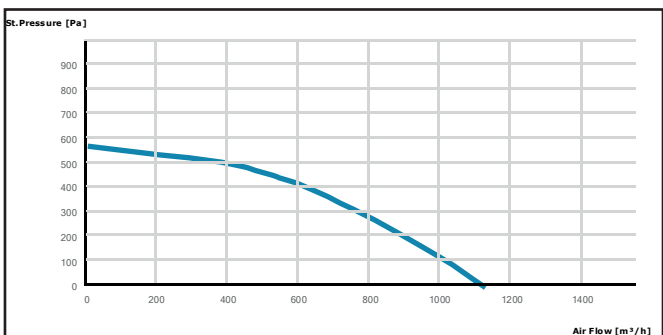
HRAD 160



HRAD 200



HRAD 250



HRAD 315

