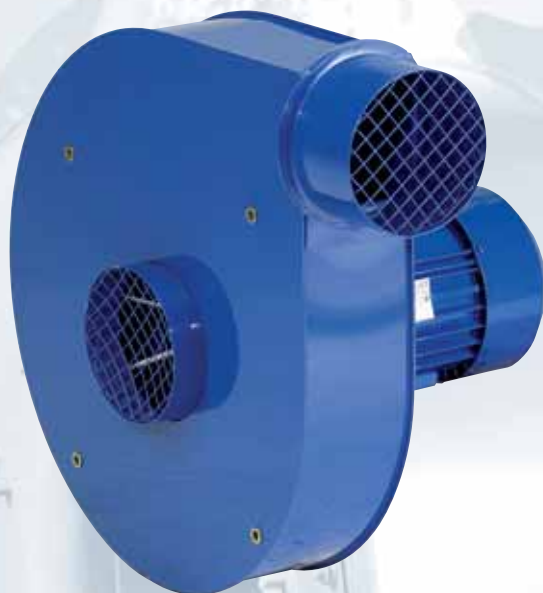


RADIAL CENTRIFUGAL FANS CKRB/CKRT Series



CONTINUOUS
OPERATION

Range of single inlet direct drive centrifugal fans designed for continuous extraction of air stream up to 80°C.

Casings and motor support are manufactured from electro-welded sheet steel with a tough grey colour, epoxy-polyester paint coating. All models incorporate radial centrifugal impellers manufactured from cast aluminium. Available, depending upon the model, with single or three phase 2 pole motors.

Motors

All motors are **IP55, class F.**

Electrical supply:

Single-phase 230V-50Hz

Three-phase 230/400V-50Hz up to 3kW and 400V-50Hz for higher motor powers.

On request

Standard supplied position: RD for models from 60 to 130. LG for models 500 and 700.

On request

- Fan fitted with 2-speed motor.
- Casing manufactured from stainless sheet steel or formed from rolled sheet steel with a corrosion resistant hot dipped galvanized finish.
- Motor with PTC thermal protection.
- High efficiency motors (EFF1).

A P P L I C A T I O N S



Industrial
aspiration
machinery



Graphic
industries
machinery



Textile
machinery



Transportation
of machinery



Surface
treatment
machinery



CONTINUOUS
OPERATION

Technical characteristics

Before installation check that product electrical characteristics listed on the data plate label (Voltage, power, frequency etc) match those of the intended electrical supply.
Explosion proof of types only work at an ambient temperature between -30°C and +40°C.

Model	Speed (r.p.m.)	Motor power (kW)	Maximum absorbed current (A)		Maximum airflow (m³/h)	Weight (kg)
			230V	400V		
CKRB/2-60	2800	0,37	3,00	-	840	13,5
CKRT/2-60	2800	0,37	-	1,00	840	13,5
CKRB/2-80	2800	0,37	3,00	-	970	15,5
CKRT/2-80	2800	0,37	-	1,00	970	13,5
CKRB/2-100	2800	0,55	4,00	-	1135	14,5
CKRT/2-100	2800	0,55	-	1,35	1135	14,0
CKRB/2-130	2820	0,75	5,10	-	1500	20,0
CKRT/2-130	2820	0,75	-	1,90	1500	17,5
CKRB/2-200	2820	1,1	7,90	-	2200	25,0
CKRT/2-200	2820	1,1	-	2,50	2200	22,0
CKRT/2-300	2860	2,2	-	4,60	3220	35,5
CKRT/2-500	2900	4	-	7,80	5530	56,0
CKRT/2-700	2900	7,5	-	14,00	7300	82,5

Acoustic characteristics

Sound power level in dB(A) at the corresponding frequency band in Hz.

CKRB/CKRT-60 0,37kW 230/400V50		63	125	250	500	1000	2000	4000	8000	Total sound power
INLET	B	53	67	80	78	80	76	72	69	86
	M	54	68	76	73	75	72	68	65	81
	H	50	65	71	70	71	69	66	65	78
DISCHARGE	B	56	64	75	84	86	80	74	70	90
	M	55	66	72	82	81	76	69	63	86
	H	54	61	69	80	77	72	65	60	83

CKRB/CKRT-80 0,37kW 230V50		63	125	250	500	1000	2000	4000	8000	Total sound power
INLET	B	53	67	80	78	80	76	72	69	86
	M	54	68	76	73	75	72	68	65	81
	H	50	65	71	70	71	69	66	65	78
DISCHARGE	B	56	64	75	84	86	80	74	70	90
	M	55	66	72	82	81	76	69	63	86
	H	54	61	69	80	77	72	65	60	83

CKRB/CKRT-100 0,55kW 230V50		63	125	250	500	1000	2000	4000	8000	Total sound power
INLET	B	58	72	85	83	85	81	77	74	91
	M	59	73	81	78	80	77	73	70	86
	H	55	70	76	75	76	74	71	70	83
DISCHARGE	B	61	69	80	89	91	85	79	75	95
	M	60	71	77	87	86	81	74	68	91
	H	59	66	74	85	82	77	70	65	88

CKRT/2-130 0,75kW 230/400V50		63	125	250	500	1000	2000	4000	8000	Total sound power
INLET	B	60	74	87	85	87	83	79	76	92
	M	61	75	83	80	82	79	75	72	88
	H	57	72	78	77	78	76	73	72	84
DISCHARGE	B	63	71	82	91	93	87	81	77	96
	M	62	73	79	89	88	83	76	70	92
	H	61	68	76	87	84	79	72	67	90

CKRB/CKRT-200 1,1kW 230V50		63	125	250	500	1000	2000	4000	8000	Total sound power
INLET	B	60	74	87	85	87	83	79	76	92
	M	61	75	83	80	82	79	75	72	88
	H	57	72	78	77	78	76	73	72	84
DISCHARGE	B	63	71	82	91	93	87	81	77	96
	M	62	73	79	89	88	83	76	70	92
	H	61	68	76	87	84	79	72	67	90

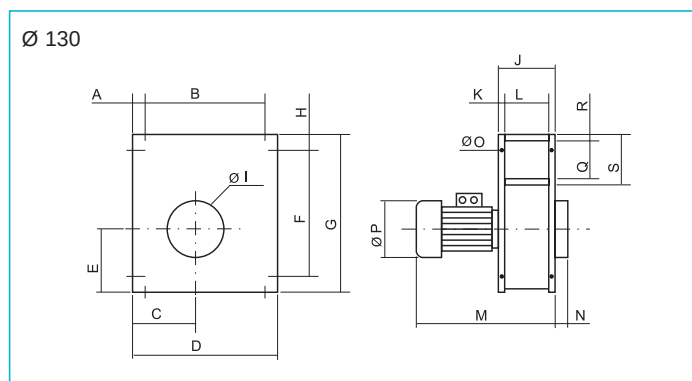
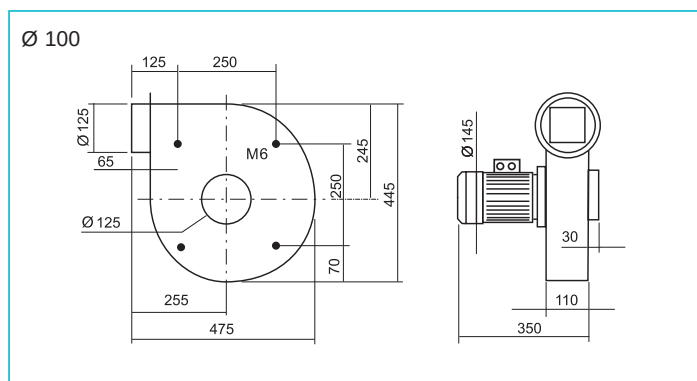
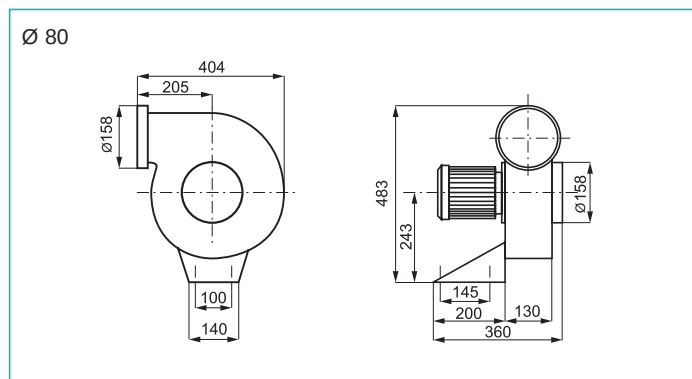
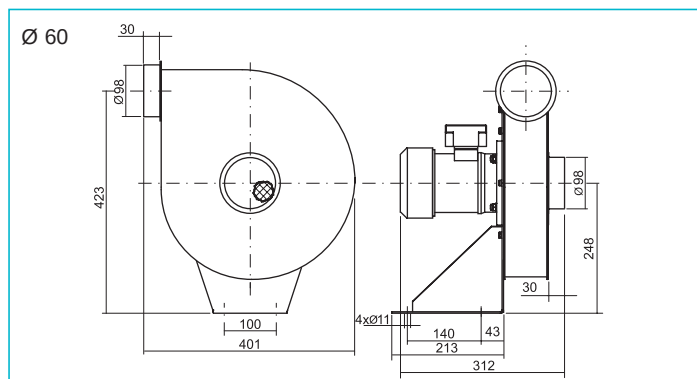
CKRB/CKRT-300 2,2kW 230/400V50		63	125	250	500	1000	2000	4000	8000	Total sound power
INLET	B	62	76	89	87	89	85	81	78	95
	M	63	77	85	82	84	81	77	74	90
	H	59	74	80	79	80	78	75	74	87
DISCHARGE	B	65	73	84	93	95	89	83	79	98
	M	64	75	81	91	90	85	78	72	95
	H	63	70	78	89	86	81	74	69	92

CKRB/CKRT-500 4kW 230V50		63	125	250	500	1000	2000	4000	8000	Total sound power
INLET	B	62	76	89	87	89	85	81	78	95
	M	63	77	85	82	84	81	77	74	90
	H	59	74	80	79	80	78	75	74	87
DISCHARGE	B	65	73	84	93	95	89	83	79	98
	M	64	75	81	91	90	85	78	72	95
	H	63	70	78	89	86	81	74	69	92

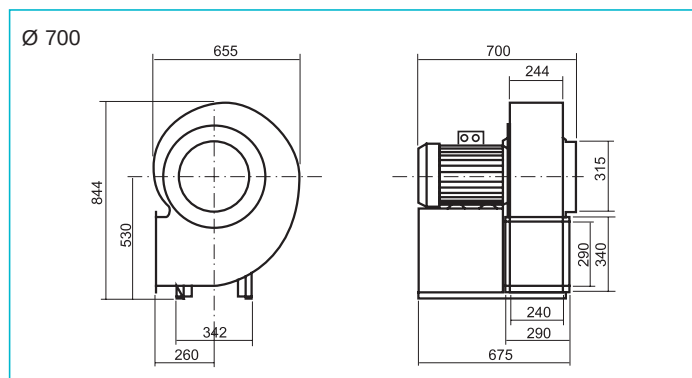
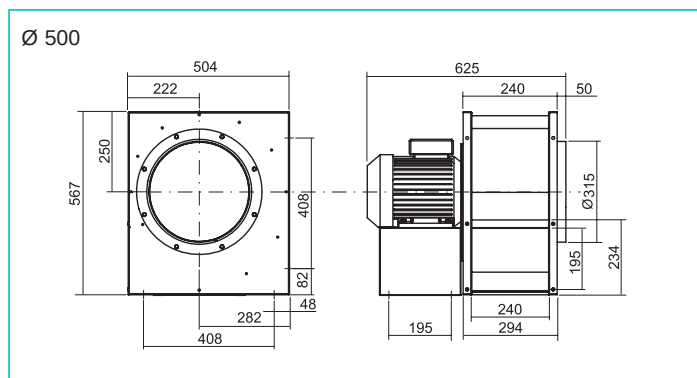
CKRB/CKRT-700 7,5kW 230V50		63	125	250	500	1000	2000	4000	8000	Total sound power
INLET	B	67	81	94	92	94	90	86	83	100
	M	68	82	90	87	89	86	82	79	95
	H	64	79	85	84	85	83	80	79	92
DISCHARGE	B	70	78	89	98	100	94	88	84	103
	M	69	80	86	96	95	90	83	77	100
	H	68	75	83	94	91	86	79	74	97



■ Dimensions (mm)



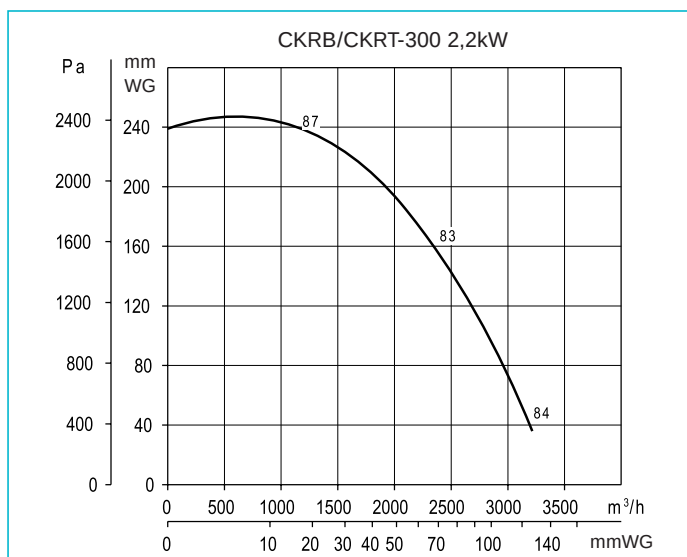
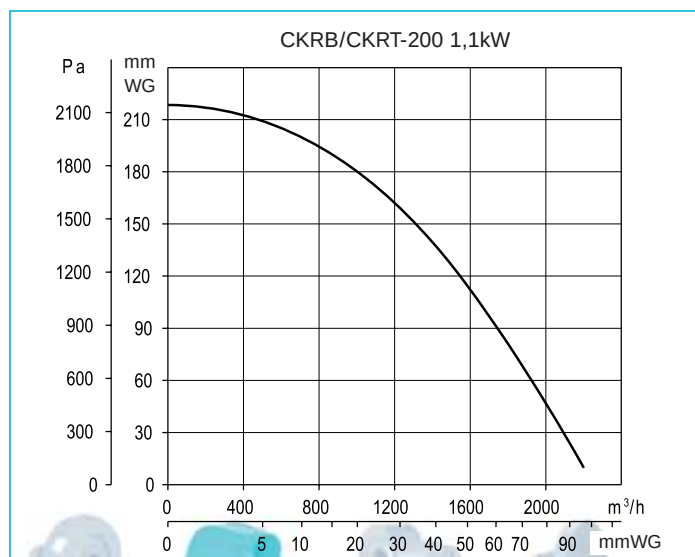
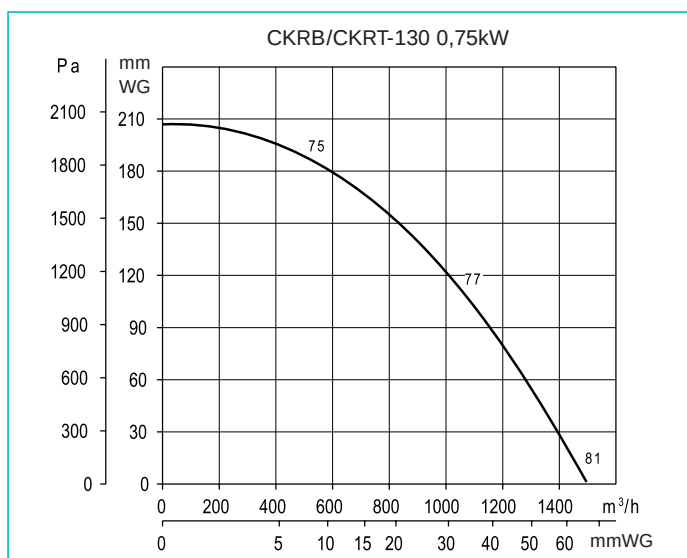
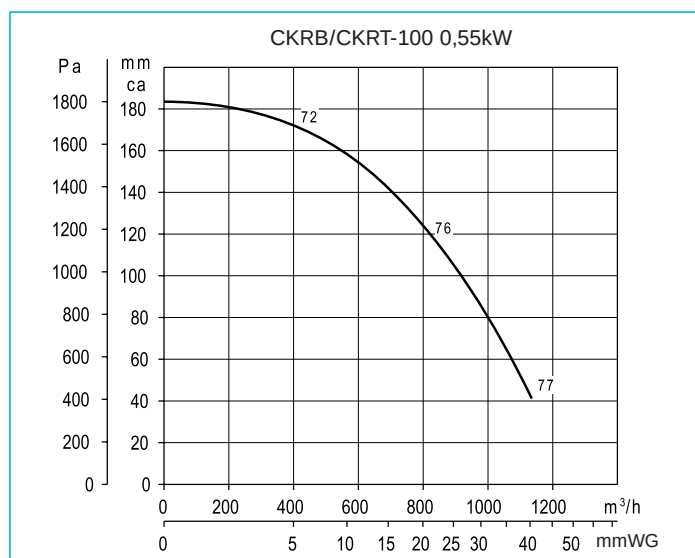
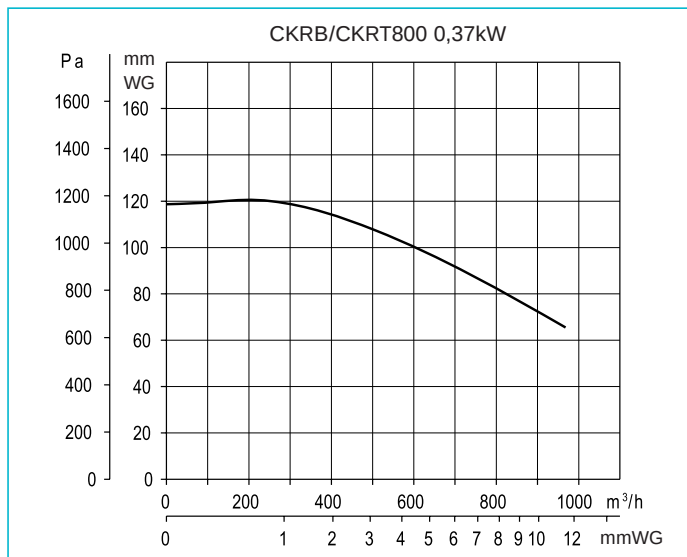
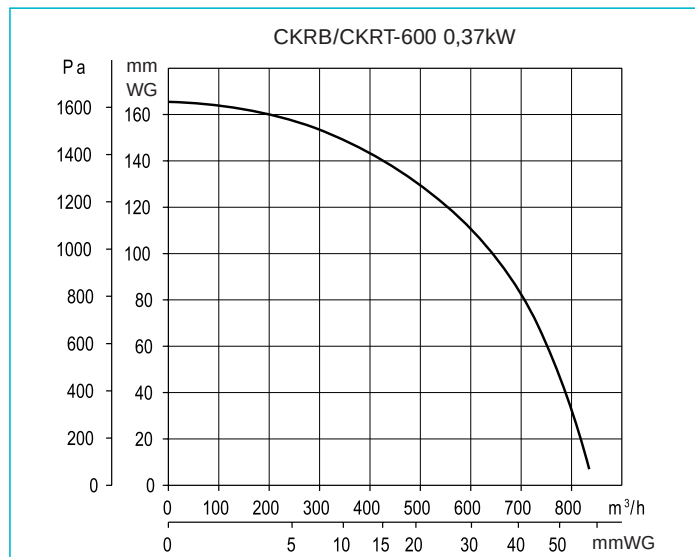
Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
CKRB/CKRT2-130	50	310	190	410	215	45	462	45	125	160	25	110	350	30	9	160	100	20	145
CKRB/CKRT2-200	49	408	225	505	250	408	574	83	158	160	25	110	340	50	9	160	140	15	180
CKRT/2-300	49	408	225	505	250	408	574	83	200	190	25	140	490	50	9	180	140	15	180



Performance curves

- Air volume in m^3/h .
- Static pressure in mmWG and Pa.
- Absorbed power at the motor shaft.
- Dynamic pressure at the discharge side in mmWG.

The values shown in the curves are sound power levels measured outside the fan casing (radiated noise). Ducted inlet and outlet.



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