



# CTMP

## Medium pressure centrifugal fans with multi-blade turbine

### Construction characteristics

- Series with LGAI certification, in accordance with the EN 12101-3 European Standard.
- TCR series centrifugal fans permit OPERATION WITHIN temperatures of up to 400°C/2 h.
- 50 Hz three-phase motors with IP-55 protection and LGAI or CTICM certification
- Housing and turbine made of rolled steel.
- Corrosion-proof finish in polyester resin, polymerised at 180°C, after degreasing, phosphating and passivation pre-treatment.
- Turbine finished in heat-resistant paint
- On request:
  - Fans with motors for temperatures up to 200°C/2h.
  - Fans with two speed motors for temperatures of 200°C/2h and 400°C/2h.
  - Belt-driven fans.

### Technical characteristics

Model	Velocity (r/min)	Max. admissible current (A)			Installed power (kW)	Max. airflow (m <sup>3</sup> /h)	Sound level pressure dB(A)	Approx. weight Kg.
		230V	400V	690V				
CTMP-922-4T	1430	3,50	2,00		0,75	2750	66	37,0
CTMP-1025-4T-1,5	1430	4,80	2,80		1,10	3400	70	42,5
CTMP-1025-4T-2	1420	6,20	3,60		1,50	3900	72	45,0
CTMP-1128-4T-3	1430	9,00	5,20		2,20	5000	74	55,0
CTMP-1128-4T-4	1430	11,80	6,80		3,00	5500	75	66,0
CTMP-1128-6T	950	4,70	2,70		0,75	3600	60	47,5
CTMP-1231-4T-3	1430	9,00	5,20		2,20	4900	73	61,5
CTMP-1231-4T-4	1430	11,80	6,80		3,00	5750	75	72,5
CTMP-1231-4T-5,5	1440		8,40	4,80	4,00	6800	77	72,5
CTMP-1231-6T	950	6,70	3,90		1,50	4500	64	59,0
CTMP-1435-6T	935	9,50	5,50		2,20	7000	68	79,0
CTMP-1640-6T	935	9,50	5,50		2,20	7000	71	90,0
CTMP-1845-6T	935	9,50	5,50		2,20	9000	77	131,0
CTMP-2050-6T	970		11,00	6,40	4,00	11000	79	204,0

### Acoustic characteristics

The values shown are calculated using free-field sound pressure levels in dB (A), at a distance equivalent to twice the fan span plus the impeller diameter, with a minimum of 1.5 m.

Sound power spectrum Lw(A) in dB(A) by frequency band in Hz.

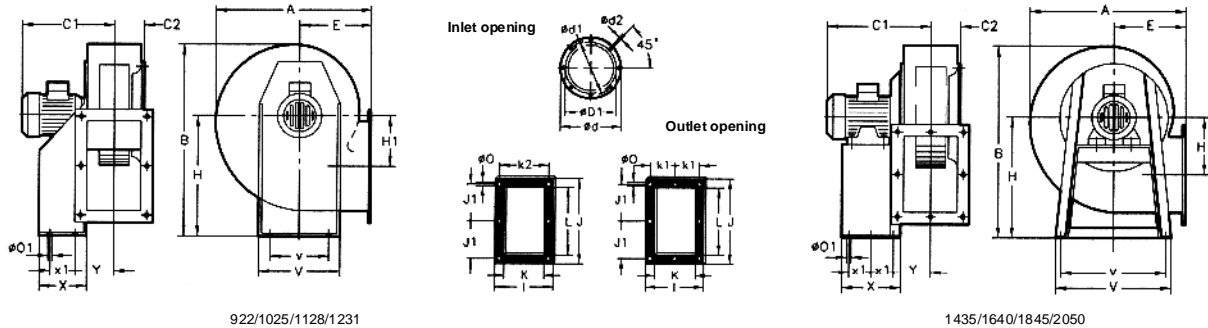
Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
922	41	51	62	69	73	70	68	61	1231-4-4	53	62	73	80	84	82	80	73
1025-4-1,5	45	55	66	73	77	74	72	65	1231-4-5,5	55	64	75	82	86	84	82	75
1025-4-2	47	57	68	75	79	76	74	67	1231-6	42	51	62	69	73	71	69	62
1128-4-3	49	59	70	77	81	78	76	69	1435	46	55	66	73	77	75	73	66
1128-4-4	50	60	71	78	82	79	77	70	1640	49	58	69	76	80	78	76	69
1128-6	35	45	56	63	67	64	62	55	1845	56	66	77	84	88	86	84	76
1231-4-3	51	60	71	78	82	80	78	71	2050	58	68	79	86	90	88	86	78



CTMP

# CTMP

## Dimensions mm

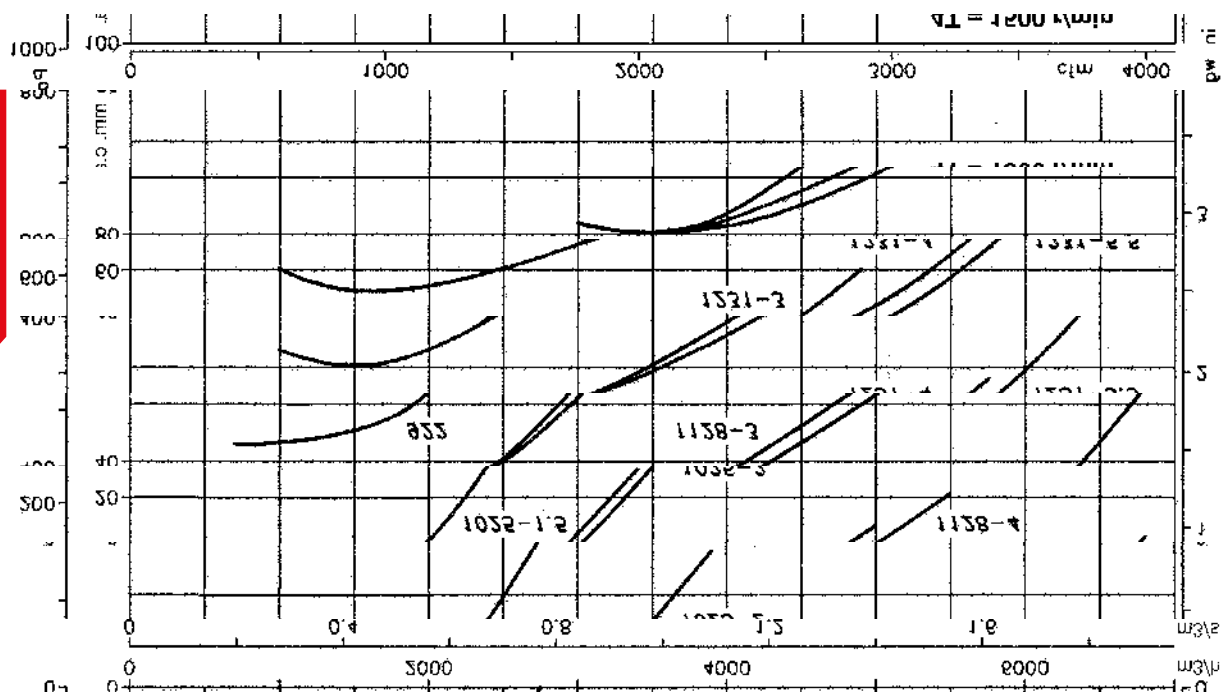


Model	A	B	C1	C2	ØD1*	Ød	Ød1	Ød2	E	H	H1	I	J	J1	K	k1	k2	L	ØO	ØO1	V	V	X	X1	Y
922	388,5	455	344	73,5	224	278	256	M,8	180	280	134	204	282,5	128	140	-	180	215	9,5	10,5	290	220	114	50	105
1025	427	503	356,5	86	250	305	282	M,8	197	310	144	229	312,5	145	165	-	205	250	9,5	12,5	315	228	134	74	115,5
1128-4T	472	553	439	93,5	280	348	320	M,8	216	340	152	244	364	170	180	-	220	296,5	9,5	12,5	348	245	144	95	122,5
1128-6T	472	553	364	93,5	280	348	320	M,8	216	340	152	244	364	170	180	-	220	296,5	9,5	12,5	348	245	144	95	122,5
1231-3	526	630	449	103,5	315	382	354	M,8	238	390	179,5	264	382,5	180	200	-	240	320	11,5	13	382	322	183	140	126
1231-4	526	630	449	103,5	315	382	354	M,8	238	390	179,5	264	382,5	180	200	-	240	320	11,5	13	382	322	183	140	126
1231-5,5	526	630	449	103,5	315	382	354	M,8	238	390	179,5	264	382,5	180	200	-	240	320	11,5	13	382	322	183	140	126
1231-6T	526	630	449	103,5	315	382	354	M,8	238	390	179,5	264	382,5	180	200	-	240	320	11,5	13	382	322	183	140	126
1435	573,5	715	463	118	355	422	394	M,8	250	445	242,5	292	342,5	159	228	133	-	280	11,5	13	456	420	333	136,5	150
1640	634	799	475	130	400	464	438	M,8	270	495	271	336	404	185	250	150	-	321	11,5	13	500	460	327	133,5	162,5
1845	711	901	492	147	450	515	485	M,8	302	560	305	370	444	202	284	164	-	361	11,5	13	538	502	340	140	179,5
2050	797	987	574,5	162,5	500	565	535	M,10	345	610	313	411	544	250	315	182,5	-	451	11,5	13	635	615	435	188	196

\* Recommended nominal tube diameter.

## Characteristics Curves

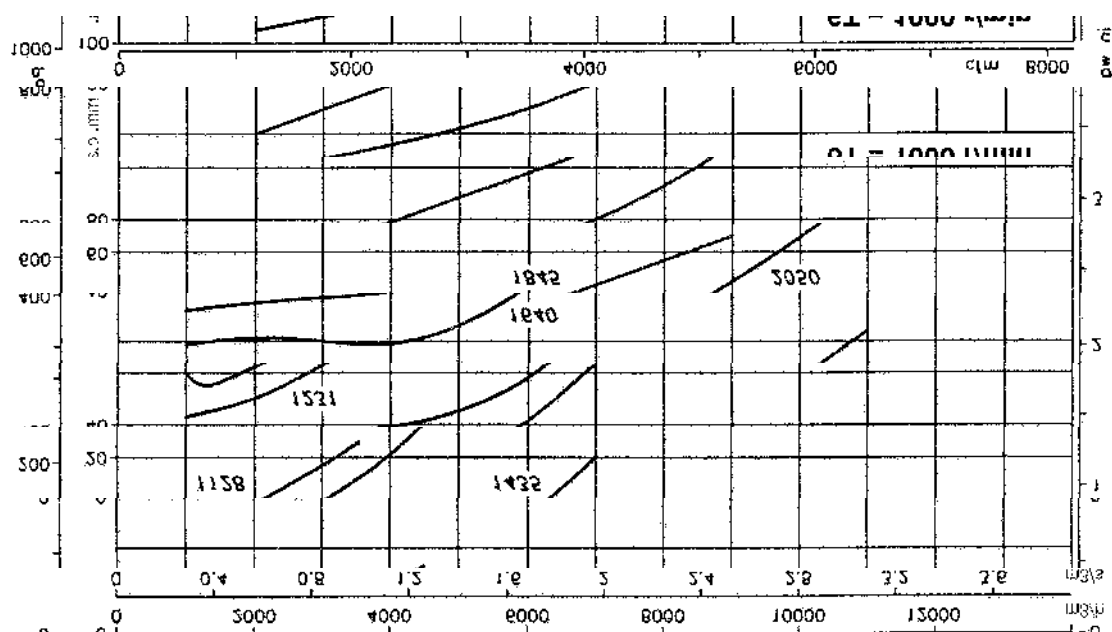
Q = Airflow in m<sup>3</sup>/h. and m<sup>3</sup>/s.  
Pe = Static pressure in mm.c.a. and Pa.



# CTMP

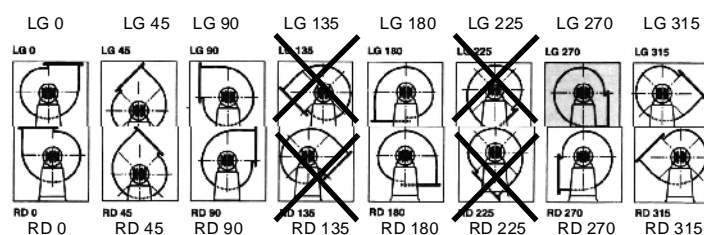
## Characteristics Curves

Q = Airflow in m<sup>3</sup>/h. and m<sup>3</sup>/s.  
Pe = Static pressure in mm.c.a. and Pa.



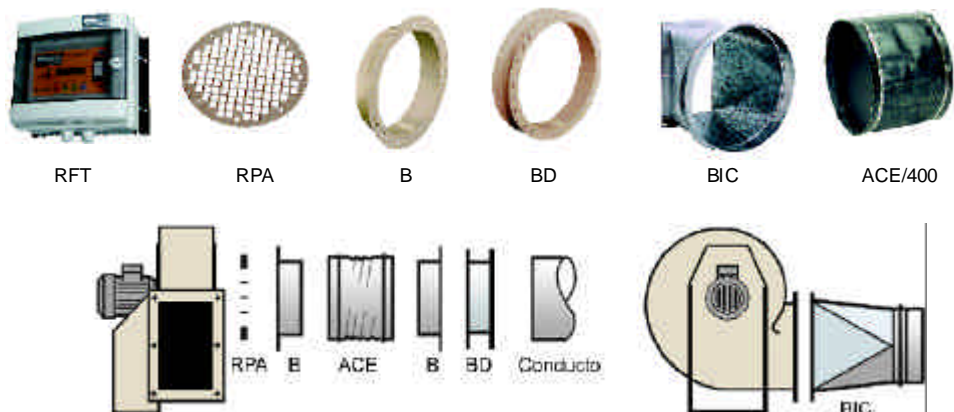
## Orientation

LG 270 standard supply.  
LG180 and RD180 position on demand with special fixing measurements.



## Accessories

See pages 248 onwards.



CTMP