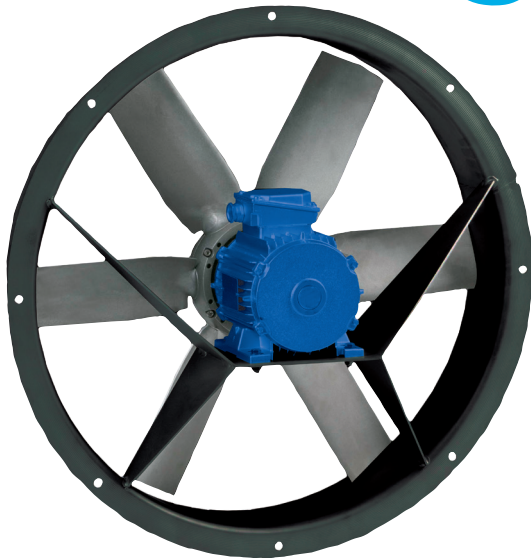


TCT



Ventiladores axiales murales, con embocadura circular, soporte motor de acero con tratamiento anticorrosivo y pintura epoxy, **hélice de inyección de aluminio** de 6 palas, motor trifásico en acoplamiento directo, **IP55, Clase F**.

Motores

De 4 ó 6 polos, según versiones. De alta eficiencia IE 2*, tensión de alimentación trifásica 230/400V-50Hz, hasta 3 kW y 400V-50Hz, para potencias superiores.

* A partir de 7,5 kW el motor tiene que ir con convertidor de frecuencia o con motor IE 3.

Otros datos

Sentido del aire Motor-Hélice (flujo A).

Bajo pedido

- Hélice reversible.
- Fabricación en diferentes materiales constructivos.
- Camisa INOX-304 ó 316.
- Versiones de 60 Hz.
- Hélice-Motor (flujo B)
- Motor de 2 velocidades.
- Motores monofásicos (4 y 6 polos hasta 2,2 kW).
- Motores IE3 de alta eficiencia.
- Motor PTC.

Range of low profile wall mounted axial fans manufactured from anti-corrosion steel sheet with epoxy paint, 6 blades aluminium impeller, direct driven Three-phase motor, IP55, Class F.

Motors

2 or 4 pole depending on version. IE 2* high efficiency, supply voltage: Three-phase 230/400V-50Hz, up to 3 kW. 400V-50Hz for more power.

* From 7,5kW motor must be with VSD or IE 3 motor.

Other data

Standard air direction: form (A) configuration (Motor over Impeller).

On request

- Air direction: form (B) configuration (Impeller over Motor).
- Reversible impeller.
- Manufactured from different materials.
- Stainless steel versions (AISI 304 or AISI 316).
- 60Hz versions.
- 2-speed motors.
- Single phase motors (4 or 6 pole up to 2,2 kW).

Versiones "ATEX"

Bajo pedido, versiones antiexplosivas según la Directiva ATEX para modelos trifásicos:

Para trabajar a temperaturas de -20°C a +40°C.

- ATEX Antideflagrantes - Gas
 - ⊕ II 2G Ex d IIB T4
 - ⊕ II 2G Ex d IIB+H2 T4 (con motor Ex d IIC T4)
- ATEX Seguridad aumentada - Gas
 - ⊕ II 2G Ex e II T3
- ATEX - Polvo
 - Partículas en suspensión inflamables y polvo no conductor:
 - ⊕ II 3D Ex tc IIIB T125°C
 - Polvo conductor:
 - ⊕ II 3D Ex tc IIIC T125°C (con motor IP65)

Para seleccionar modelos TCT ATEX, ver el programa de selección de producto EASYVENT. Los datos eléctricos de los modelos ATEX pueden variar respecto a los datos indicados en las tablas características. Consulte la disponibilidad de otras versiones de motores ATEX.

- High efficiency motors (IE3).
- Motor with PTC thermal protection.

ATEX versions

On request, explosion proof versions in accordance with ATEX Directive for three phase models:

For ambient working temperatures from -20°C to +40°C.

- ATEX Flameproof - Gas
 - ⊕ II 2G Ex d IIB T4
 - ⊕ II 2G Ex d IIB+H2 T4 (with Ex d IIC T4 motor)
- ATEX Increased safety - Gas
 - ⊕ II 2G Ex e II T3
- ATEX - Dust
 - Suspended flammable particles and non-conductive dust:
 - ⊕ II 3D Ex tc IIIB T125°C
 - Conductive dust:
 - ⊕ II 3D Ex tc IIIC T125°C (with IP65 motor)

To select TCT ATEX refer to performance curves, or Easyvent. Note electrical data may vary for ATEX motors. You may consult the availability of other ATEX motor versions.

CARACTERÍSTICAS TÉCNICAS / TECHNICAL CHARACTERISTICS

Es imprescindible comprobar que las características eléctricas (voltaje, intensidad, frecuencia, etc.) del motor que aparecen en la placa del mismo son compatibles con las de la instalación.

Before installation check that product electrical characteristics listed on the data plate label (Voltage, power, frequency etc) match those of the intended electrical supply.

Modelo Model	Potencia motor Motor power (kW)	Intensidad nominal motor Maximum absorbed current (A)		Caudal máximo Maximum airflow (m ³ /h)	Nivel potencia sonora Sound power level* (dB(A))	Peso Weight (Kg)
		230 V	400 V			
4 POLOS / 4 POLE						
TCT/4-450-6/30 0,37	0,37	1,8	1,1	6.150	78	22
TCT/4-500-6/26 0,55	0,55	2,2	1,3	8.110	81	27
TCT/4-560-6/20 0,75	0,75	2,8	1,6	9.940	84	32
TCT/4-560-6/28 1,1	1,1	4,2	2,4	12.870	84	38
TCT/4-560-6/36 1,5	1,5	5,7	3,3	15.500	86	41
TCT/4-630-6/18 1,1	1,1	4,2	2,4	13.600	89	40
TCT/4-630-6/24 1,5	1,5	5,7	3,3	16.330	87	43
TCT/4-630-6/30 2,2	2,2	8,1	4,6	20.090	88	52
TCT/4-630-6/36 3	3	10,7	6,2	22.900	90	54
TCT/4-710-6/16 1,5	1,5	5,7	3,3	18.570	94	44
TCT/4-710-6/20 2,2	2,2	8,1	4,6	22.270	91	53
TCT/4-710-6/28 3	3	10,7	6,2	27.380	91	55
TCT/4-800-6/12 2,2	2,2	8,1	4,6	23.430	97	59
TCT/4-800-6/18 3	3	10,7	6,2	29.950	96	61
TCT/4-800-6/22 4	4	-	8,1	33.230	94	71
TCT/4-900-6/12 4	4	-	8,1	29.540	97	78
TCT/4-900-6/18 5,5	5,5	-	10,5	38.140	96	96
TCT/4-900-6/24 7,5	7,5	-	14,1	46.530	94	98
TCT/4-1000-6/12 5,5	5,5	-	10,5	41.830	103	96
TCT/4-1000-6/16 7,5	7,5	-	14,1	50.090	102	98
TCT/4-1000-6/24 11	11	-	21,2	63.320	101	141
TCT/4-1000-6/26 15	15	-	28,7	70.000	102	161
6 POLOS / 6 POLE						
TCT/6-560-6/34 0,55	0,55	2,6	1,5	10.000	75	33
TCT/6-630-6/26 0,55	0,55	2,6	1,5	11.620	78	35
TCT/6-630-6/32 0,75	0,75	3,4	2,0	13.340	79	40
TCT/6-710-6/24 0,75	0,75	3,4	2,0	16.080	82	41
TCT/6-710-6/32 1,1	1,1	4,8	2,8	19.490	84	45
TCT/6-800-6/20 1,1	1,1	4,8	2,8	20.370	84	51
TCT/6-800-6/26 1,5	1,5	6,5	3,7	24.890	85	57
TCT/6-800-6/32 2,2	2,2	9,2	5,3	27.480	86	66
TCT/6-900-6/22 2,2	2,2	9,2	5,3	28.860	87	74
TCT/6-900-6/28 3	3	12,7	7,3	35.490	89	97
TCT/6-1000-6/16 2,2	2,2	9,2	5,3	30.260	92	76
TCT/6-1000-6/24 3	3	12,7	7,3	38.790	90	99
TCT/6-1000-6/28 4	4	-	9,5	43.090	91	106
TCT/6-1000-6/30 5,5	5,5	-	12,8	50.170	92	110

* Nivel de potencia sonora en el punto medio de la curva.
Sound power level at the medium working point on the performance curve.

CARACTERÍSTICAS ACÚSTICAS / ACOUSTIC CHARACTERISTICS

Epectros de potencia sonora en el punto medio de la curva.

Sound power spectrum at the medium working point on the performance curve.

Modelos 4 polos / 4 pole models	63	125	250	500	1000	2000	4000	8000	LwA
TCT/4-450-6/30	47	59	66	72	73	72	67	59	78
TCT/4-500-6/26	50	62	69	75	76	75	70	62	81
TCT/4-560-6/20	46	62	72	79	80	77	71	63	84
TCT/4-560-6/28	53	65	72	78	79	78	73	65	84
TCT/4-560-6/36	55	67	74	80	81	80	75	67	86
TCT/4-630-6/18	51	67	77	84	85	82	76	68	89
TCT/4-630-6/24	56	68	75	81	82	81	76	68	87
TCT/4-630-6/30	57	69	76	82	83	82	77	69	88
TCT/4-630-6/36	59	71	78	84	85	84	79	71	90
TCT/4-710-6/16	56	72	82	89	90	87	81	73	94
TCT/4-710-6/20	53	69	79	86	87	84	78	70	91
TCT/4-710-6/28	60	72	79	85	86	85	80	72	91
TCT/4-800-6/12	59	75	85	92	93	90	84	76	97
TCT/4-800-6/18	58	74	84	91	92	89	83	75	96
TCT/4-800-6/22	56	72	82	89	90	87	81	73	94
TCT/4-900-6/12	59	75	85	92	93	90	84	76	97
TCT/4-900-6/18	58	74	84	91	92	89	83	75	96
TCT/4-900-6/24	63	75	82	88	89	88	83	75	94
TCT/4-1000-6/12	65	81	91	98	99	96	90	82	103
TCT/4-1000-6/16	64	80	90	97	98	95	89	81	102
TCT/4-1000-6/24	70	82	89	95	96	95	90	82	101
TCT/4-1000-6/26	71	83	90	96	97	96	91	83	102

Modelos 6 polos / 6 pole models	63	125	250	500	1000	2000	4000	8000	LwA
TCT/6-560-6/34	47	57	65	70	70	68	62	54	75
TCT/6-630-6/26	50	60	68	73	73	71	65	57	78
TCT/6-630-6/32	51	61	69	74	74	72	66	58	79
TCT/6-710-6/24	54	64	72	77	77	75	69	61	82
TCT/6-710-6/32	56	66	74	79	79	77	71	63	84
TCT/6-800-6/20	51	66	75	79	79	76	69	61	84
TCT/6-800-6/26	57	67	75	80	80	78	72	64	85
TCT/6-800-6/32	58	68	76	81	81	79	73	65	86
TCT/6-900-6/22	54	69	78	82	82	79	72	64	87
TCT/6-900-6/28	61	71	79	84	84	82	76	68	89
TCT/6-1000-6/14	59	74	83	87	87	84	77	69	92
TCT/6-1000-6/20	57	72	81	85	85	82	75	67	90
TCT/6-1000-6/24	63	73	81	86	86	84	78	70	91
TCT/6-1000-6/30	64	74	82	87	87	85	79	71	92

DATOS ERP / ERP DATA

Modelo 4 polos 4 pole model	PM*	MC*	EC*	VSD*	SR*	h[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
TCT/4-450-6/30	0,37	C	Static	No	1	33,2	41,5	0,490	4.320	170	1412
TCT/4-500-6/26	0,55	C	Static	No	1	39,9	47,1	0,738	5.657	227	1432
TCT/4-560-6/20	0,75	C	Static	No	1	43,8	50,4	0,913	7.155	241	1435
TCT/4-560-6/28	1,1	C	Static	No	1	43,9	49,4	1,333	8.596	302	1438
TCT/4-560-6/36	1,5	C	Static	No	1	39,2	43,9	1,804	9.986	332	1423
TCT/4-630-6/18	1,1	C	Static	No	1	49,1	54,9	1,234	9.386	275	1446
TCT/4-630-6/24	1,5	C	Static	No	1	46,1	50,9	1,775	11.319	322	1433
TCT/4-630-6/30	2,2	C	Static	No	1	43,8	47,7	2,457	13.283	379	1448
TCT/4-630-6/36	3	C	Static	No	1	41,1	44,4	3,076	14.806	413	1458
TCT/4-710-6/16	1,5	C	Static	No	1	48,6	53,2	1,868	12.065	314	1426
TCT/4-710-6/20	2,2	C	Static	No	1	49,1	53,0	2,469	14.331	366	1444
TCT/4-710-6/28	3	C	Static	No	1	45,4	48,1	3,725	17.305	441	1445
TCT/4-800-6/12	2,2	C	Static	No	1	51,4	55,3	2,387	14.500	344	1448
TCT/4-800-6/18	3	C	Static	No	1	48,6	51,4	3,635	19.171	400	1446
TCT/4-800-6/22	4	C	Static	No	1	46,3	48,6	4,396	21.021	431	1449
TCT/4-900-6/12	4	C	Static	No	1	50,0	52,5	4,069	17.367	456	1457
TCT/4-900-6/18	5,5	C	Static	No	1	49,3	50,7	6,079	25.449	500	1462
TCT/4-900-6/24	7,5	C	Static	No	1	51,4	51,9	8,407	31.296	606	1463
TCT/4-1000-6/12	5,5	C	Static	No	1	56,5	57,7	6,438	26.133	552	1471
TCT/4-1000-6/16	7,5	C	Static	No	1	58,9	59,4	8,504	32.925	626	1462
TCT/4-1000-6/24	11	C	Static	No	1	53,2	53,1	13,484	40.940	758	1463
TCT/4-1000-6/26	15	C	Static	No	1	51,1	50,9	15,246	45.991	767	1471

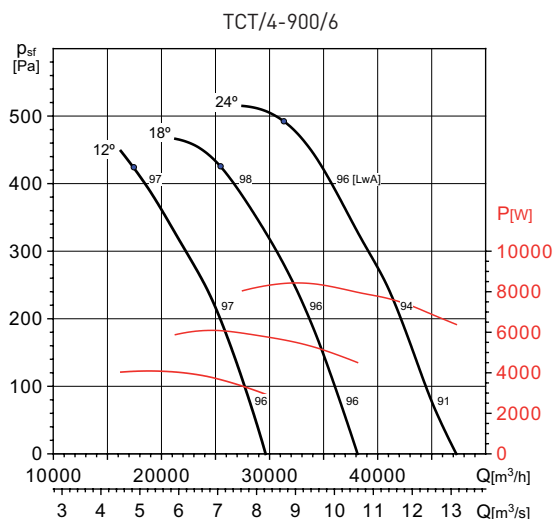
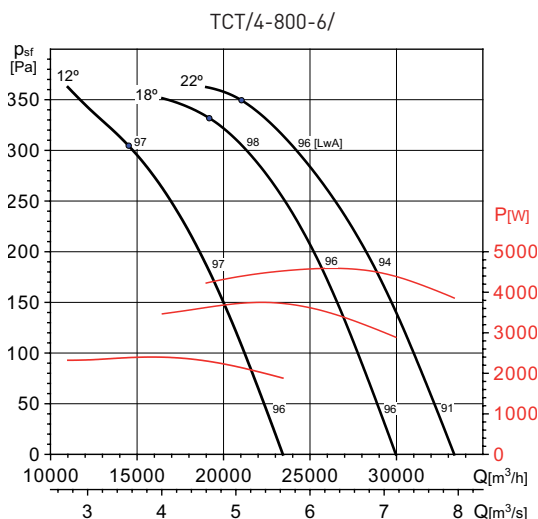
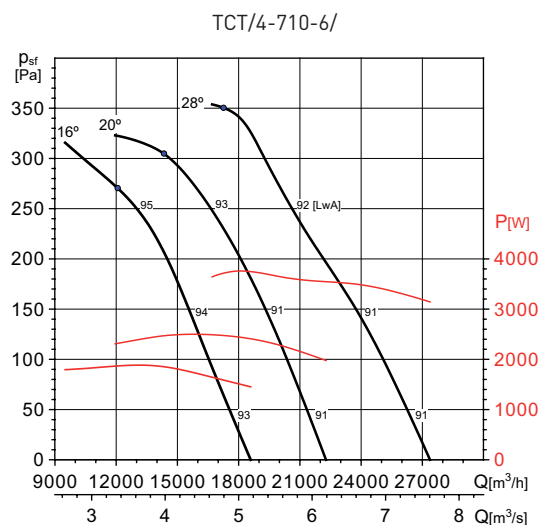
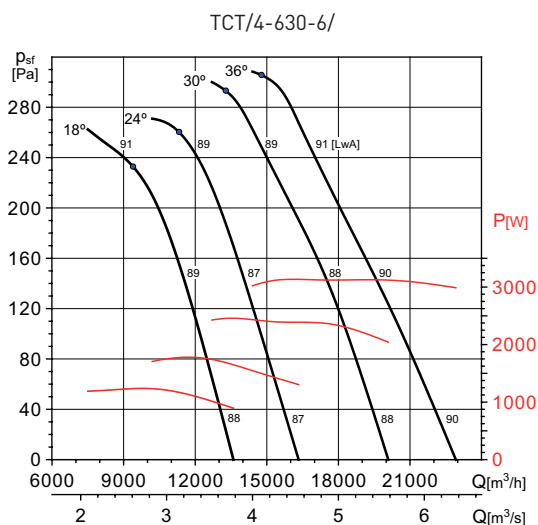
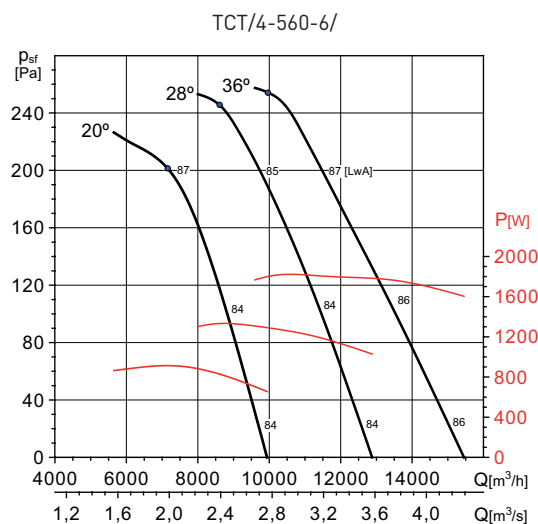
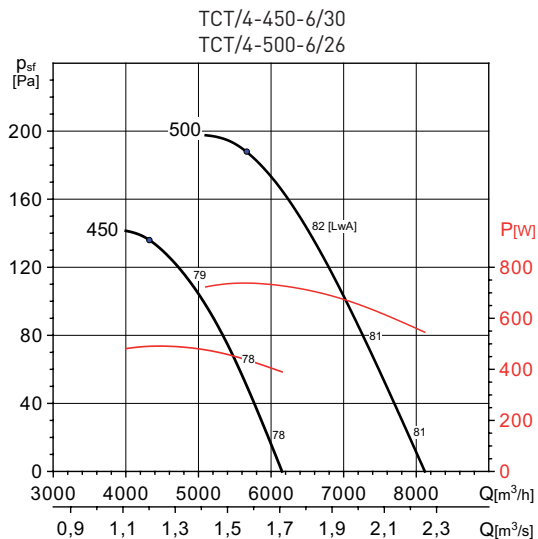
Modelo 6 polos 6 pole model	PM*	MC*	EC*	VSD*	SR*	h[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
TCT/6-560-6/34	0,55	C	Static	No	1	32,5	40,0	0,647	6.563	149	961
TCT/6-630-6/26	0,55	C	Static	No	1	36,5	43,7	0,726	7.633	153	948
TCT/6-630-6/32	0,75	C	Static	No	1	40,1	47,0	0,819	8.711	172	953
TCT/6-710-6/24	0,75	C	Static	No	1	43,0	49,5	0,950	10.396	174	942
TCT/6-710-6/32	1,1	C	Static	No	1	37,0	42,4	1,405	12.670	196	948
TCT/6-800-6/20	1,1	C	Static	No	1	44,8	50,5	1,242	12.977	185	955
TCT/6-800-6/26	1,5	C	Static	No	1	42,5	47,4	1,689	15.968	209	962
TCT/6-800-6/32	2,2	C	Static	No	1	38,3	42,6	2,093	18.116	220	965
TCT/6-900-6/22	2,2	C	Static	No	1	43,9	47,8	2,468	18.846	249	961
TCT/6-900-6/28	3	C	Static	No	1	39,6	42,6	3,400	22.880	273	971
TCT/6-1000-6/14	2,2	C	Static	No	1	53,3	57,4	2,253	19.487	250	964
TCT/6-1000-6/20	3	C	Static	No	1	51,8	54,6	3,615	26.281	309	975
TCT/6-1000-6/24	4	C	Static	No	1	50,8	53,1	4,334	28.141	341	978
TCT/6-1000-6/30	5,5	C	Static	No	1	46,3	47,9	5,723	34.986	365	974

- PM*** Potencia motor / Motor power
- MC*** Categoría de medición / Measurement category
- EC*** Categoría de eficiencia / Efficiency category
- VSD*** Mando de regulación de velocidad / Speed control: supplied with the fan
- SR*** Relación específica / Specific ratio
- h[%]*** Eficiencia / Efficiency
- N*** Grado de eficiencia / Efficiency grade
- [kW]** Potencia absorbida / Absorbed power
- [m³/h]** Caudal / Airflow
- [Pa]** Presión estática / Static pressure
- [RPM]** Velocidad / Speed

CURVAS CARACTERÍSTICAS / PERFORMANCE CURVES

- q_v : Caudal en m^3/h y m^3/s .
- p_{sf} : Presión estática en Pa.
- Aire seco normal a $20^\circ C$ y 760 mmHg.
- Ensayos realizados de acuerdo a Norma ISO 5801 y AMCA 210-99.

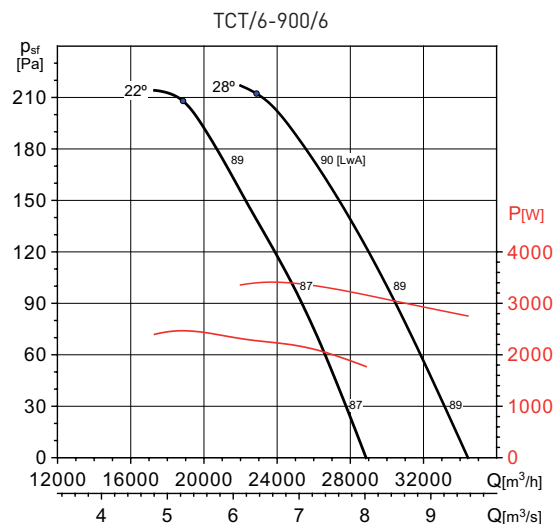
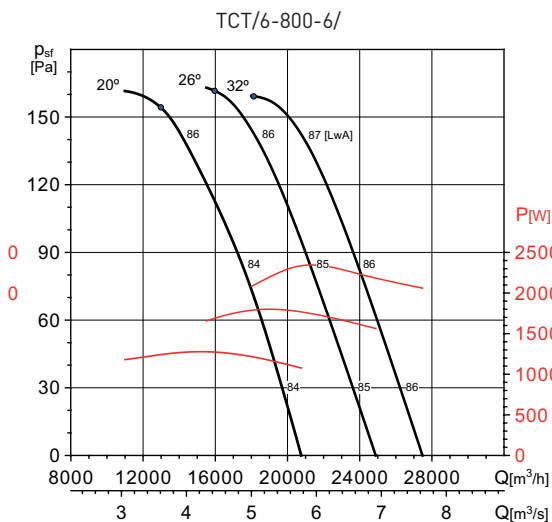
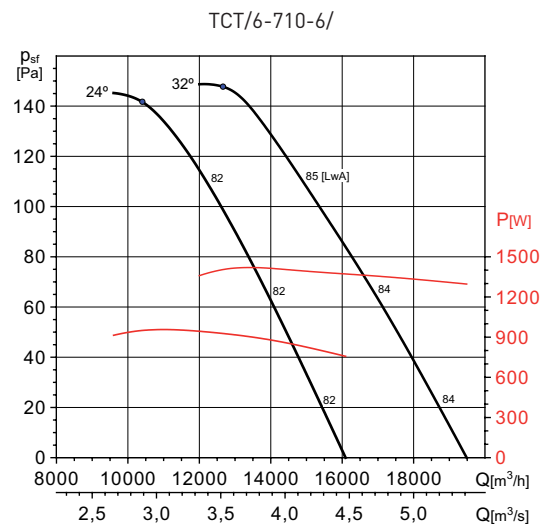
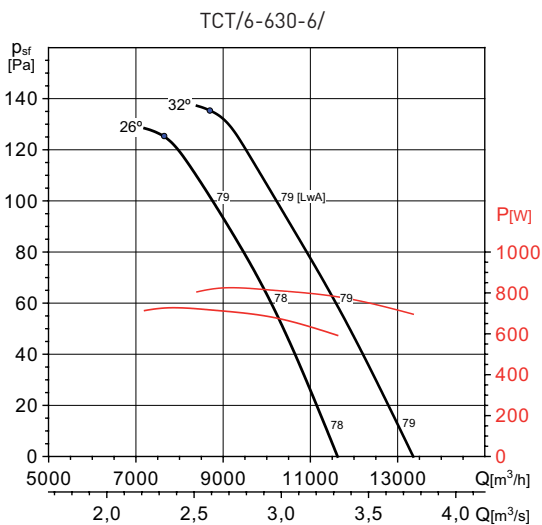
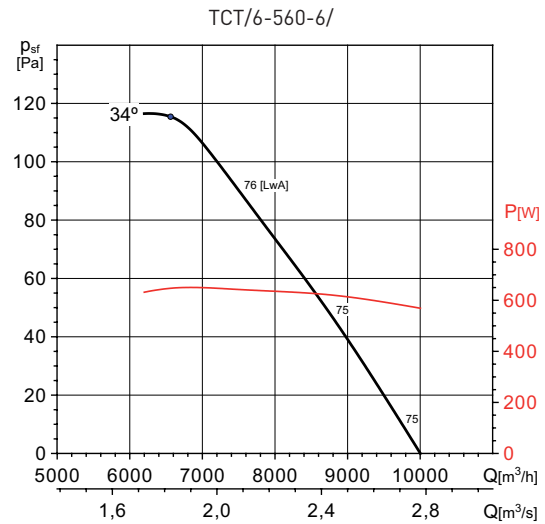
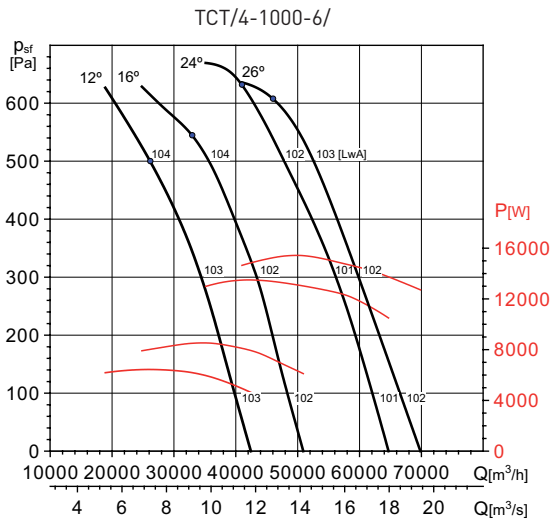
- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



CURVAS CARACTERÍSTICAS / PERFORMANCE CURVES

- q_v : Caudal en m^3/h y m^3/s .
- p_{sf} : Presión estática en Pa.
- Aire seco normal a $20^\circ C$ y 760 mmHg.
- Ensayos realizados de acuerdo a Norma ISO 5801 y AMCA 210-99.

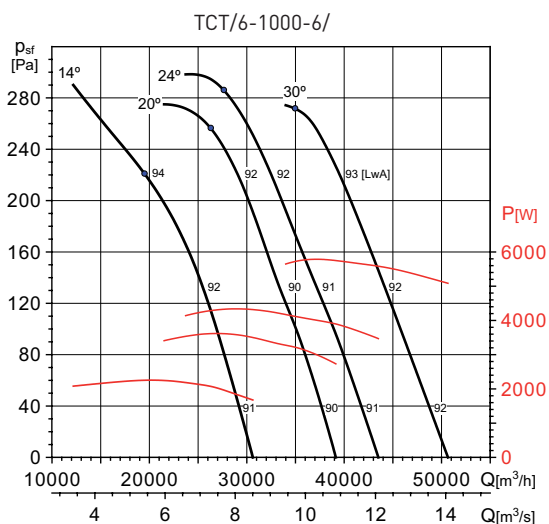
- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



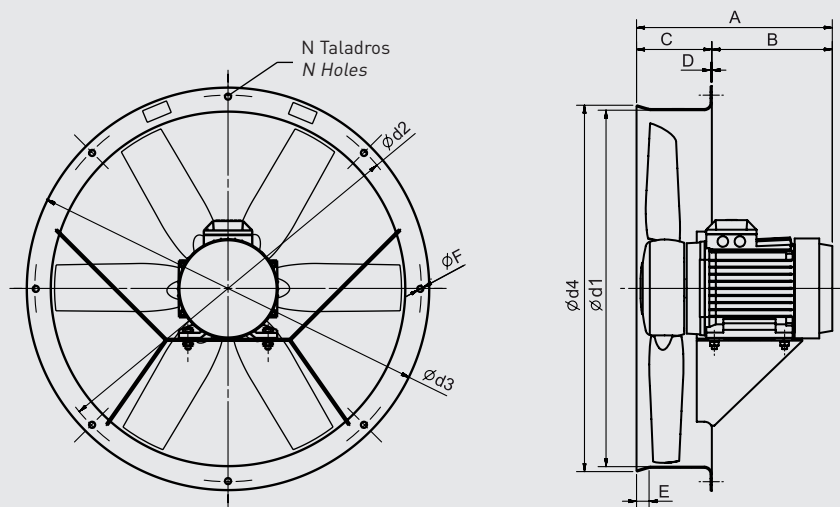
CURVAS CARACTERÍSTICAS / PERFORMANCE CURVES

- q_v : Caudal en m^3/h y m^3/s .
- p_{sf} : Presión estática en Pa.
- Aire seco normal a $20^\circ C$ y 760 mmHg.
- Ensayos realizados de acuerdo a Norma ISO 5801 y AMCA 210-99.

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.



DIMENSIONES (mm) / DIMENSIONS (mm)



Modelo / Model	A	B	C	D	E	F	D1	D2	D3	D4	N
4 POLOS / 4 POLE											
TCT/4-450-6/30 0,37	298	168	130	2,5	25	12	450	500	545	465	8
TCT/4-500-6/26 0,55	-	-	150	2,5	25	12	560	620	655	575	8
TCT/4-560-6/20 0,75	320	170	150	2,5	25	12	560	620	655	575	8
TCT/4-560-6/28 1,1	362	212	150	2,5	25	12	560	620	655	575	8
TCT/4-560-6/36 1,5	362	212	150	2,5	25	12	560	620	655	575	8
TCT/4-630-6/18 1,1	362	212	150	2,5	25	12	630	690	725	650	8
TCT/4-630-6/24 1,5	362	212	150	2,5	25	12	630	690	725	650	8
TCT/4-630-6/30 2,2	390	240	150	2,5	25	12	630	690	725	650	8
TCT/4-630-6/36 3	390	240	150	2,5	25	12	630	690	725	650	8
TCT/4-710-6/16 1,5	362	212	150	2,5	25	12	710	770	806	730	8
TCT/4-710-6/20 2,2	390	240	150	2,5	25	12	710	770	806	730	8
TCT/4-710-6/28 3	390	240	150	2,5	25	12	710	770	806	730	8
TCT/4-800-6/12 2,2	390	240	150	2,5	25	12	800	860	896	820	8
TCT/4-800-6/18 3	390	240	150	2,5	25	12	800	860	896	820	8
TCT/4-800-6/22 4	393	243	150	2,5	25	12	800	860	896	820	8
TCT/4-900-6/12 4	420	270	150	3	25	15	900	970	1006	921	12
TCT/4-900-6/18 5,5	463	313	150	3	25	15	900	970	1006	921	12
TCT/4-900-6/24 7,5	463	313	150	3	25	15	900	970	1006	921	12
TCT/4-1000-6/12 5,5	463	313	200	2,5	25	15	1000	1070	1105	1020	16
TCT/4-1000-6/16 7,5	463	313	200	2,5	25	15	1000	1070	1105	1020	16
TCT/4-1000-6/24 11	550	350	200	2,5	25	15	1000	1070	1105	1020	16
TCT/4-1000-6/26 15	550	350	200	2,5	25	15	1000	1070	1105	1020	16
6 POLOS / 6 POLE											
TCT/6-560-6/34 0,55	334	184	150	2,5	25	12	560	620	655	575	8
TCT/6-630-6/26 0,55	334	184	150	2,5	25	12	630	690	725	650	8
TCT/6-630-6/32 0,75	362	212	150	2,5	25	12	630	690	725	650	8
TCT/6-710-6/24 0,75	390	240	150	2,5	25	12	710	770	806	730	8
TCT/6-710 6/32 1,1	365	215	150	2,5	25	12	710	770	806	730	8
TCT/6-800-6/20 1,1	343	218	150	2,5	25	12	800	860	896	820	8
TCT/6-800-6/26 1,5	390	240	150	2,5	25	12	800	860	896	820	8
TCT/6-800-6/32 2,2	393	243	150	2,5	25	12	800	860	896	820	8
TCT/6-900-6/22 2,2	420	270	150	3	25	15	900	970	1006	921	12
TCT/6-900-6/28 3	463	313	150	3	25	15	900	970	1006	921	12
TCT/6-1000-6/16 2,2	404	254	200	2,5	25	15	1000	1070	1105	1020	16
TCT/6-1000-6/24 3	463	313	200	2,5	25	15	1000	1070	1105	1020	16
TCT/6-1000-6/28 4	463	313	200	2,5	25	15	1000	1070	1105	1020	16
TCT/6-1000-6/30 5,5	515	313	200	2,5	25	15	1000	1070	1105	1020	16