



Range of cylindrical cased axial flow fans fitted with aluminium impellers and manufactured from high grade rolled galvanised steel and protected against corrosion by cataforesis primer and black polyester paint finish. All models are supplied with pre-wired wiring junction box located on the outside of the fan casing for easy wiring access.

Available, depending upon the model, with single or three phase motors in 2, 4 or 6 poles.

Motors

Single phase motor (TCBB) or three phase motor (TCBT).

Models 250, 315, 355 and 400: External rotor motor, IP54, Class F, thermal protection, working temperature from -40°C to +40°C.

Models 450, 500, 560, 630 and 6/710: IP65, Class F, thermal protection, working temperature from -40°C to +70°C.

Models 4/710 and 800: IP55, Class F, working temperature from -40°C to +40°C.

IP65⁽¹⁾

PROTECTION

All motors are speed controllable by autotransformer except models /4-560H, /4-630, 710 and T/800.

Three phase motors are speed controllable by inverter.

Electrical supplies:

Single phase 230V-50Hz.

(Capacitor located inside the wiring terminal box).

Three phase 230/400V-50Hz or 400V-50Hz.
 (See characteristic chart).

Additional information

Standard air direction: form (B) configuration (impeller over motor).

On request

Air direction: form (A) configuration (motor over impeller).

From Ø450 to Ø800, three phase motors 2 speed, 4/8 poles.

ATEX versions TCBT

On request, explosion proof versions in accordance with ATEX Directive, for 3 phase models.

For ambient working temperatures:

From -20°C to +55°C: models TCBT/4-315 to 630mm
 models TCBT/6-355 to 710mm

From -20°C to +40°C: models TCBT/4-710 to 800mm
 models TCBT/6-800mm

- ATEX Flameproof - Gas

For models TCBT/4-710 and 800mm

⊗ models 2G Exd IIC T4

⊗ models 2G Exd IIB T5

- ATEX Increased safety - Gas

Not available TCBT/2-250/H 400V-50Hz

TCBT/4-250/H 400V-50Hz

TCBT/6-355/H 400V-50Hz

TCBT/6-400/H 400V-50Hz

Available for TCBT/6-400/H 230/400V-50Hz and larger sizes.

⊗ models 2G Exe II T3

- ATEX - Dust

For models TCBT/4-710 and 800mm

⊗ models 3D Ex tD 125°C or 135°C

To select TCBT ATEX refer to performance curves, or Easyvent.

Note electrical data may vary for ATEX motors.



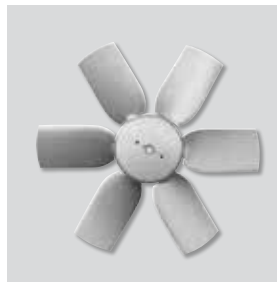
Corrosion resistance

Rollled steel casings and motor support protected by cataforesis primer and black polyester paint finish. Stainless steel screws.



Terminal box

Wiring terminal box with cable gland PG-11 (except ATEX models).



Impeller dynamically balanced

Impellers are dynamically balanced, according to ISO 1940 standard, giving vibration free operation.



Configuration for models /4-710 and 800.



Constructive configuration models 250, 315, 355 and 400 (excepted 6-355, 6-400 and ATEX)

Specific applications



CYLINDRICAL CASED AXIAL FLOW FANS COMPACT TCBB / TCBT Series - ALUMINIUM IMPELLERS



REFERENCE

T	C	B	T	/	4	-	4	0	0	/	H	-	B	4	0	0	V	5	0	Hz			
1	2	3	4		5		6				7		8		9			10				11	

- 1 - **T**: Cylindrical cased axial flow fan.
- 2 - **C**: Series designation.
- 3 - Impeller type:
B: Ø 250 - Ø 400 Fixed blade impeller manufactured from aluminium sheet.
Ø 450 - Ø 800 Adjustable blade aluminium impeller.
- 4 - Supply type:
B: Single phase.
T: Three phase.
- 5 - Number of poles:
2: {approx. 2800 rpm - 50 Hz}
4: {approx. 1400 rpm - 50 Hz}
6: {approx. 900 rpm - 50 Hz}
- 6 - Nominal diameter of fan in mm.
Ø 450 up to Ø 800 mm.
- 7 - Pitch angle.
6/12 poles of motor for models from Ø 710 up to Ø 800 mm.
- 8 - Direction of air:
A: Motor over Impeller.
B: Impeller over Motor.
- 9 - Voltage:
230 V (single phase).
230/400 V (three phase).
400 V (three phase).
- 10 - Frequency of service: 50 Hz
60 Hz
- 11 - Special versions:
2 V: Two speed motors.
4/8 poles of motor for models:
- C**: Condensation drain holes on motor.
- EX**: Explosion proof and flame proof versions.

SUPPLY VOLTAGES AND FREQUENCIES



Mains supply voltage	Motor type	Connection	Speed
SINGLE PHASE 220V-50Hz, 240V-50Hz	230V 50Hz	See wiring diagram	High
THREE PHASE 220V-50Hz 240V-50Hz	230/400V 50Hz		High
			Low*
THREE PHASE 380V-50Hz 415V-50Hz	230/400V 50Hz		High
	400V 50Hz		High
			Low*

* For models allowed by speed controller RMT.

ACOUSTIC CHARACTERISTICS

The sound levels shown in the technical characteristic chart and performance curves, correspond to the value of sound pressure dB(A), measured in free field conditions at a distance equivalent to three times the diameter of the impeller with a minimum of 1.5 meters.

Sound power level spectrum in dB(A) at the corresponding frequency band in Hz and the point of maximum flow.

Model	63	125	250	500	1000	2000	4000	8000	LwA
/2-250/H	31	44	59	65	74	70	64	56	76

Model	63	125	250	500	1000	2000	4000	8000	LwA
/4-250/H	24	37	41	47	52	52	47	41	57
/4-315/H	40	51	45	53	59	59	51	43	63
/4-355/H	24	40	45	55	58	58	49	42	62
/4-400/H	46	53	59	66	69	69	66	58	74
/4-450/H	46	58	65	71	73	71	67	59	77
/4-500/H	50	62	69	75	76	75	70	62	81
/4-560/L	52	64	71	77	78	77	72	64	83
/4-560/H	53	65	72	78	79	78	73	65	84
/4-630/L	56	67	75	80	82	81	76	68	87
/4-630/H	56	67	75	80	82	81	76	68	87
/4-710/L	53	69	79	85	86	84	78	70	91
/4-710/H	60	72	79	85	86	85	80	72	91
/4-800/L	57	73	83	90	91	88	82	74	95
/4-800/K	63	75	82	88	90	88	84	76	94
/4-800/G	64	76	83	89	90	89	84	76	95
/4-800/H	66	77	84	90	92	91	86	78	96

Model	63	125	250	500	1000	2000	4000	8000	LwA
/6-355/H	31	42	49	55	57	55	51	43	61
/6-400/H	33	44	51	57	59	58	53	45	64
/6-450/H	40	51	58	63	64	62	56	48	69
/6-500/H	43	53	61	66	66	64	58	50	71
/6-560/L	46	57	64	69	70	67	61	53	74
/6-560/H	46	56	64	69	69	67	61	53	74
/6-630/L	49	59	66	71	72	70	64	56	77
/6-630/H	51	61	68	73	74	72	66	58	79
/6-710/L	52	62	69	75	75	73	67	59	80
/6-710/H	53	64	71	76	77	75	69	61	82
/6-800/L	51	66	76	79	79	76	69	61	84
/6-800/K	51	66	76	79	79	76	69	61	84
/6-800/G	56	67	74	79	80	78	72	64	85
/6-800/H	58	69	76	81	82	79	73	65	86

CYLINDRICAL CASED AXIAL FLOW FANS

COMPACT TCBB / TCBT Series - ALUMINIUM IMPELLERS



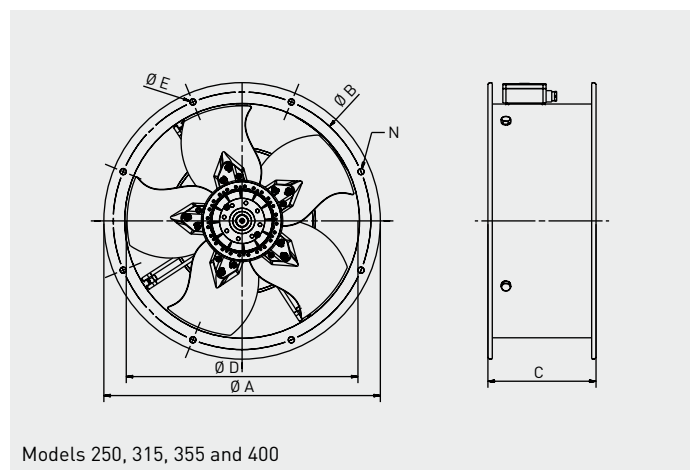
TECHNICAL CHARACTERISTICS

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

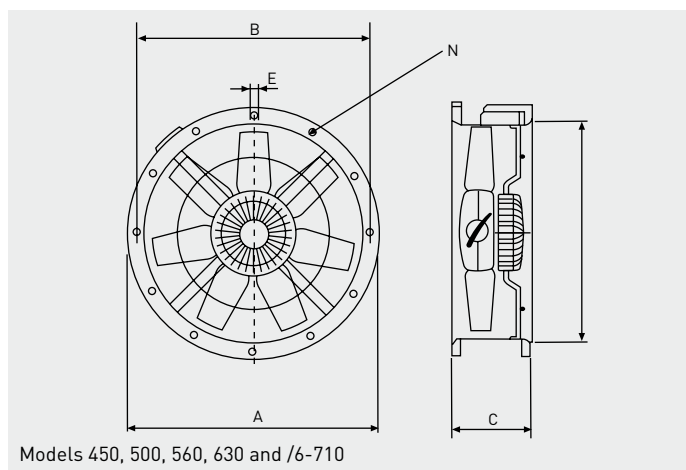
Model	Speed (rpm)	Maximum absorbed power (W)	Maximum current (A)		Sound pressure level* (dB(A))	Maximum airflow (m³/h)	Weight (kg)	Speed controller		Variable frequency inverter	
			230 V	400 V				REB	RMB/T	VFTM	VFKB
SINGLE PHASE 2 POLE											
TCBB/2-250/H	2680	123	0,5	-	62	1.680	8	-	-		
SINGLE PHASE 4 POLE											
TCBB/4-250/H	1430	44	0,2	-	42	900	8	REB-1	RMB-1,5		
TCBB/4-315/H	1435	105	0,6	-	52	1.990	11	REB-1	RMB-1,5		
TCBB/4-355/H	1420	120	0,6	-	52	2.460	13,2	REB-2,5	RMB-1,5		
TCBB/4-400/H	1420	360	1,6	-	60	5.190	15,5	REB-2,5	RMB-3,5		
TCBB/4-450/H	1410	594	2,6	-	63	6.810	21	REB-5	RMB-3,5		
TCBB/4-500/H	1410	636	2,8	-	66	7.500	25	REB-5	RMB-3,5		
TCBB/4-560/L	1405	1289	6	-	68	11.970	33	REB-10	RMB-8		
TCBB/4-560/H	1390	1461	6,6	-	69	12.960	34,7	-	-		
TCBB/4-630/L	1365	1707	7,5	-	70	15.730	40	-	-		
SINGLE PHASE 6 POLE											
TCBB/6-355/H	880	92	0,4	-	46	2.160	13,2	REB-1	RMB-1,5		
TCBB/6-400/H	870	118	0,5	-	48	2.820	15,5	REB-1	RMB-1,5		
TCBB/6-500/H	920	226	1	-	57	5.220	24,8	REB-2,5	RMB 1,5		
TCBB/6-560/L	960	453	2,5	-	60	8.170	33,5	REB-5	RMB-3,5		
TCBB/6-630/L	900	652	3,2	-	60	11.060	38,5	REB-5	RMB-8		
TCBB/6-710/L	900	1167	6,1	-	62	16.460	46	-	-		
THREE PHASE 2 POLE											
TCBT/2-250/H	2775	114	0,3	0,2	62	1.730	8	-	-	TRI-0,37	VFKB-45
THREE PHASE 4 POLE											
TCBT/4-250/H	1470	42	0,3	0,2	42	900	8	-	RMT-1,5	TRI-0,37	VFKB-45
TCBT/4-315/H	1445	99	0,5	0,3	51	1.950	11	-	RMT-1,5	TRI-0,37	VFKB-45
TCBT/4-355/H	1415	117	0,5	0,3	52	2.470	13,2	-	RMT-1,5	TRI-0,37	VFKB-45
TCBT/4-400/H	1410	341	1,2	0,7	60	5.140	15,5	-	RMT-1,5	TRI-0,37	VFKB-45
TCBT/4-450/H	1405	526	1,9	1,1	63	6.650	21	-	RMT-2,5	TRI-0,55	VFKB-45
TCBT/4-500/H	1420	641	2,6	1,5	66	7.590	25	-	RMT-2,5	TRI-0,55	VFKB-45
TCBT/4-560/L	1415	1184	3,8	2,2	68	12.090	33	-	RMT-2,5	TRI-0,75	VFKB-45
TCBT/4-560/H	1390	1348	4,2	2,4	69	13.370	34,7	-	-	TRI-1,1	VFKB-45
TCBT/4-630/L	1410	1770	5,9	3,4	70	16.060	39	-	-	TRI-1,5	VFKB-45
TCBT/4-630/H	1400	1940	6,2	3,6	70	17.030	40	-	-	TRI-1,5	VFKB-45
TCBT/4-710/L	1435	2175	6,4	3,7	73	20.290	46	-	-	TRI-1,5	VFKB-45
TCBT/4-710/H	1460	3441	10,6	6,1	73	26.420	54	-	-	TRI-3	VFKB-48
TCBT/4-800/L	1460	3750	11,3	6,5	76	29.950	65	-	-	TRI-3	VFKB-48
TCBT/4-800/K	1460	5177	-	8,8	76	34.950	68	-	-	TRI-4	-
TCBT/4-800/G	1470	6146	-	11,1	77	38.500	81	-	-	TRI-5,5	-
TCBT/4-800/H	1475	7688	-	13	78	42.490	89	-	-	TRI-5,5	-
THREE PHASE 6 POLE											
TCBT/6-355/H	900	97	0,7	0,4	47	2.250	13,2	-	RMT-1,5	TRI-0,37	VFKB-45
TCBT/6-400/H	860	116	0,7	0,4	49	2.970	15,5	-	RMT-1,5	TRI-0,37	VFKB-45
TCBT/6-450/H	940	161	0,7	0,4	54	4.020	20,7	-	RMT-1,5	TRI-0,37	VFKB-45
TCBT/6-500/H	915	290	1,2	0,7	57	6.110	24,8	-	RMT-1,5	TRI-0,37	VFKB-45
TCBT/6-560/H	925	525	2,9	1,7	60	9.020	33,5	-	RMT-2,5	TRI-0,55	VFKB-45
TCBT/6-630/L	915	595	2,3	1,3	60	10.940	38	-	RMT-2,5	TRI-0,55	VFKB-45
TCBT/6-630/H	960	887	4,8	2,8	62	12.620	38,5	-	RMT-5	TRI-1,1	VFKB-45
TCBT/6-710/L	920	957	4,5	2,6	62	16.290	46	-	-	TRI-1,1	VFKB-45
TCBT/6-710/H	910	1217	5,0	2,9	63	18.550	46	-	-	TRI-1,1	VFKB-45
TCBT/6-800/L	965	1278	4,7	2,7	66	20.770	57	-	-	TRI-1,1	VFKB-45
TCBT/6-800/K	975	1592	5,7	3,3	66	24.090	64	-	-	TRI-1,5	VFKB-45
TCBT/6-800/G	975	1968	8,0	4,6	67	26.310	68	-	-	TRI-2,2	VFKB-45
TCBT/6-800/H	970	2345	8,7	5	68	27.910	80	-	-	TRI-2,2	VFKB 48

* Sound pressure level measured in free field conditions at a distance equivalent to three times the diameter of the impeller with a minimum of 1,5 meters.
For more information see Acoustic characteristics.

DIMENSIONS (mm)

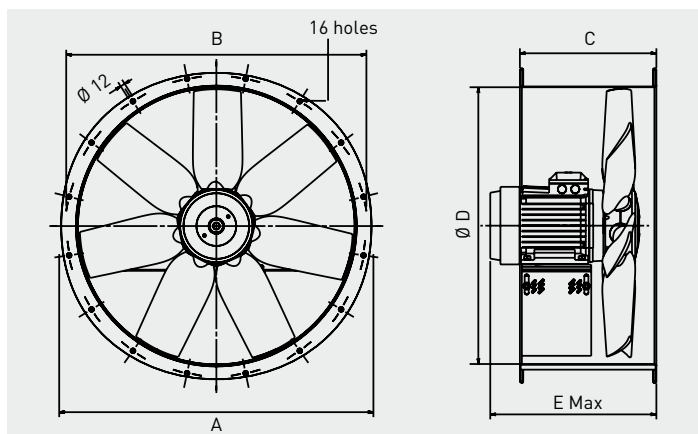


Models 250, 315, 355 and 400



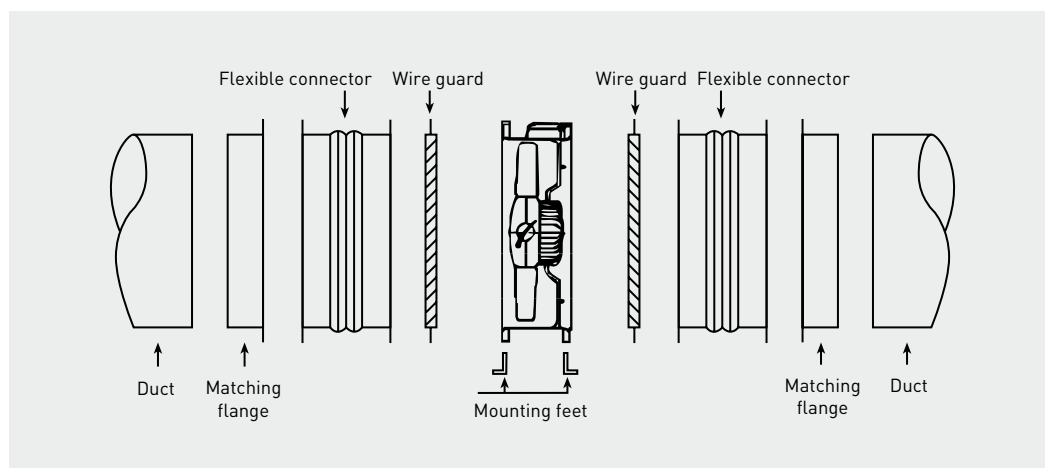
Models 450, 500, 560, 630 and /6-710

Model	Ø A	Ø B	C	Ø D	Ø E	Number of holes N
250	327	292	170	254	10	4
315	386	355	170	315	10	8
355	426	395	170	355	10	8
400 (6 poles)	487	450	170	400	12	8
400 (4 poles)	487	450	210	400	12	8
450	537	500	180	450	12	8
500	595	560	180	500	12	12
560	655	620	240	560	12	12
630	725	690	240	630	12	12
710 (6 poles)	806	770	240	710	12	16



Model	Ø A	B	C	Ø D	E		
					4 poles	6 poles	8 poles
710/L (4 poles)	806	770	380	710	415	–	–
710/H (4 poles)	806	770	380	710	444	–	–
800/L	896	860	380	800	437	408	383
800/K	896	860	380	800	448	437	408
800/G	896	860	380	800	447 (5,5kW) 515 (7,5kW)	448	437
800/H	896	860	380	800	515	477	437

MOUNTING ACCESSORIES



Model	Wire guard		Matching flange	Mounting feet	Bellmouth protection guard	Flexible connector	Flexible connector explosion proof (ATEX)
	Inlet (impeller side)	Outlet (motor side)					
TCBB / TCBT 250	DEF-250 T	DEF-250 T	ARO BRIDA COMPACT-250	PIE-250	-	ACOP.BRIDA-250	ACOPEL EX 250/160 N
TCBB / TCBT 315	DEF-315 T	DEF-315 T	ARO BRIDA COMPACT-315	PIE-315	EMB-315 T	ACOP.BRIDA-315	ACOPEL EX 315/160 N
TCBB / TCBT 355	DEF-355 T	DEF-355 T	ARO BRIDA COMPACT-355	PIE-355	EMB-355 T	ACOP.BRIDA-355	ACOPEL EX 355/160 N
TCBB / TCBT 400	DEF-400 T	DEF-400 T	ARO BRIDA COMPACT-400	PIE-400	EMB-400 T	ACOP.BRIDA-400	ACOPEL EX 400/160 N
TCBB / TCBT 450	DEF-450 T	DEF-450 T	ARO BRIDA COMPACT-450	PIE-450	EMB-450 T	ACOP.BRIDA-450	ACOPEL EX 450/160 N
TCBB / TCBT 500	DEF-500 T	DEF-500 T	ARO BRIDA COMPACT-500	PIE-500	EMB-500 T	ACOP.BRIDA-500	ACOPEL EX 500/160 N
TCBB / TCBT 560	DEF-560 T	DEF-560 T	ARO BRIDA COMPACT-560	PIE-560	EMB-560 T	ACOP.BRIDA-560	ACOPEL EX 560/160 N
TCBB / TCBT 630	DEF-630 T	DEF-630 T	ARO BRIDA COMPACT-630	PIE-630	EMB-630 T	ACOP.BRIDA-630	ACOPEL EX 630/160 N
TCBT 4-710/H	DEF-710 T	DEF-710/H-T DESCARGA	ARO BRIDA COMPACT-710	PIE-710	EMB-710 T	ACOP.BRIDA-710	ACOPEL EX 710/160 N
TCBT 4-710/L	DEF-710 T	DEF-710/L-T DESCARGA	ARO BRIDA COMPACT-710	PIE-710	EMB-710 T	ACOP.BRIDA-710	ACOPEL EX 710/160 N
TCBB / TCBT 6-710	DEF-710 T	DEF-710 T	ARO BRIDA COMPACT-710	PIE-710	EMB-710 T	ACOP.BRIDA-710	ACOPEL EX 710/160 N
TCBT 800	DEF-800 T	DEF.DES.TGT/THGT-800*	ARO BRIDA COMPACT-800	PIE-800	EMB-800 T	ACOP.BRIDA-800	ACOPEL EX 800/160 N

* For more information see Mounting accessories.

ELECTRICAL ACCESSORIES



REB-1N / REB-2,5N
Single phase electronic speed controllers.



**REB-5
REB-10**
Single phase electronic speed controllers.



RMB/RMT
Single and three phase auto transformer speed controllers.



VFTM TRI IP54
Adjustable frequency drive for three phase motors from 0,37 to 15 kW, 230V or 400V.



VFKB IP65
Adjustable frequency drives for three phase motors from 0,37 to 4 kW 230V or 400V.



COM D/S
To connect three phase fans with 400 V motor. For three phase models.



PERFORMANCE CURVES

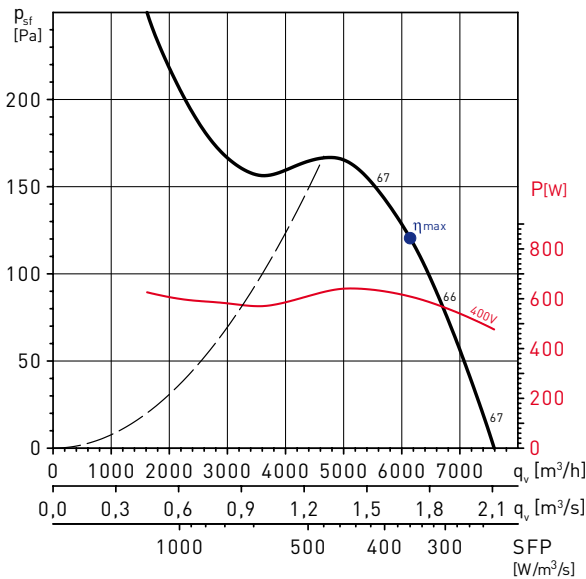
- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- SFP: Specific fan power in $W/m^3/s$.
- P: Input power in W.
- Measurement category: D.
- Efficiency category: total.
- Fan efficiency without speed control.
- Airflow data in accordance with ISO 5801.
- Sound pressure level dB(A), measured in a free field distance equal to 3 times the diameter, with a minimum of 1,5 m.

Select the airflow performance in the area of the graph right of the dashed line.

- MC** Measurement category
EC Efficiency category
VSD Speed control: supplied with the fan
SR Specific ratio
 η [%] Efficiency
N Efficiency grade
[kW] Absorbed power
[m^3/h] Airflow
[Pa] Static pressure
[RPM] Speed

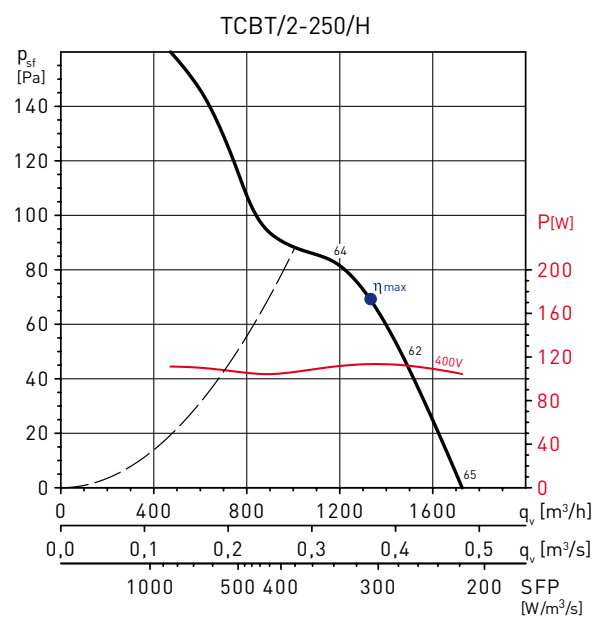
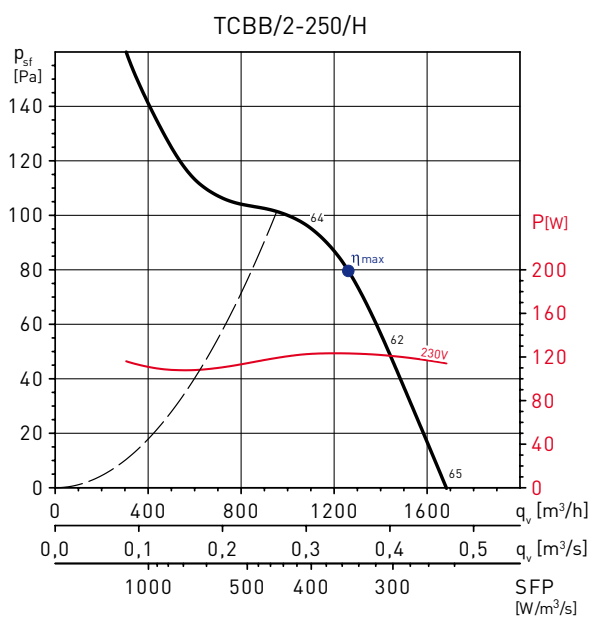
EXAMPLE CURVE

TCBT/4-500/H

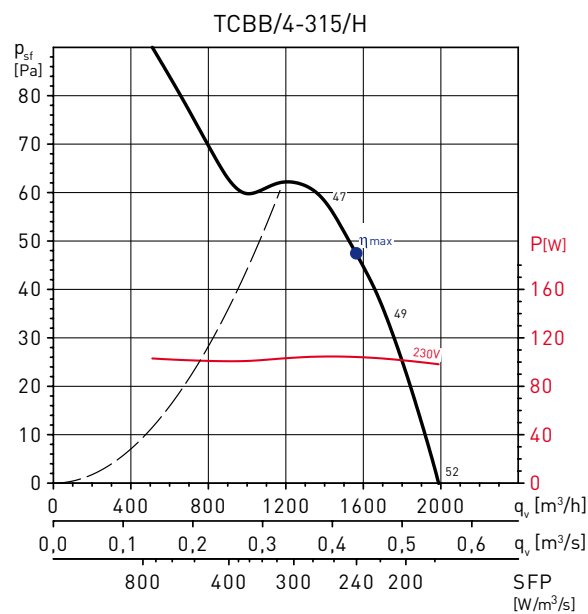
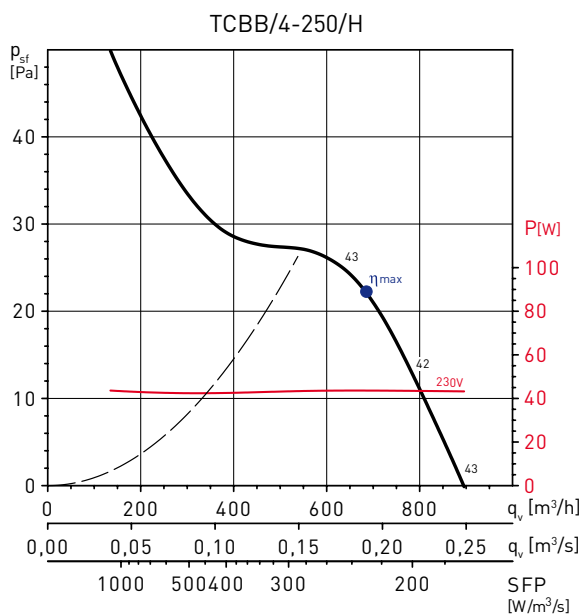


MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	46,9	54,6	0,609	6.147	166	1389

PERFORMANCE CURVES - 2 POLE MOTORS

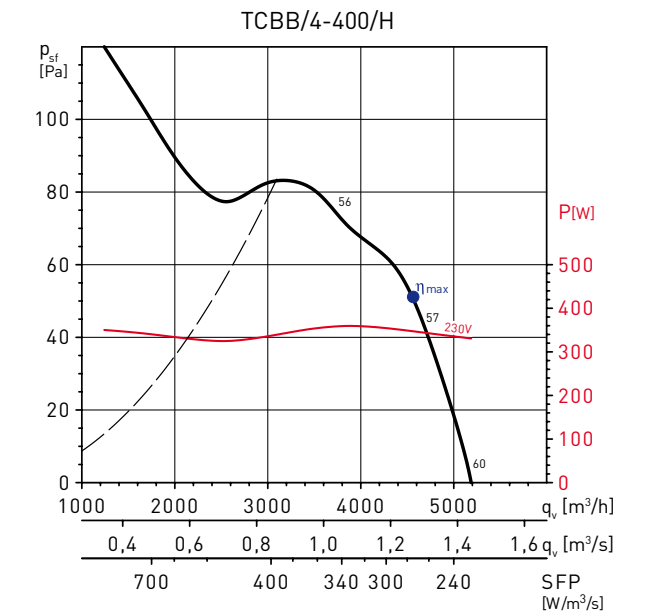
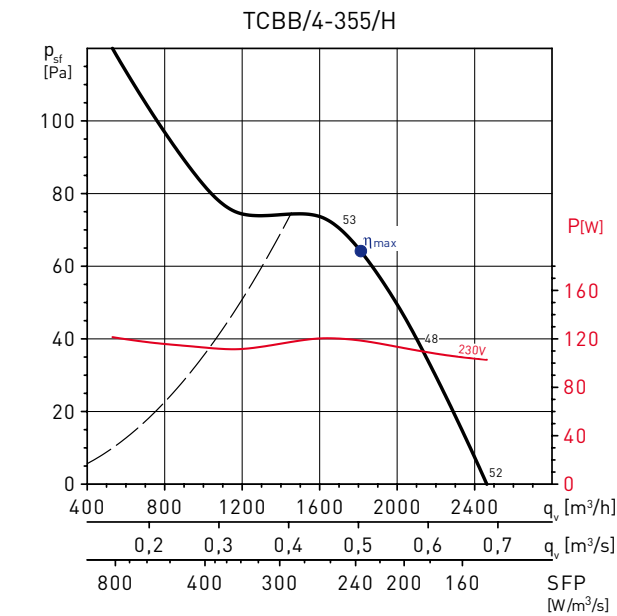


PERFORMANCE CURVES - 4 POLE MOTORS



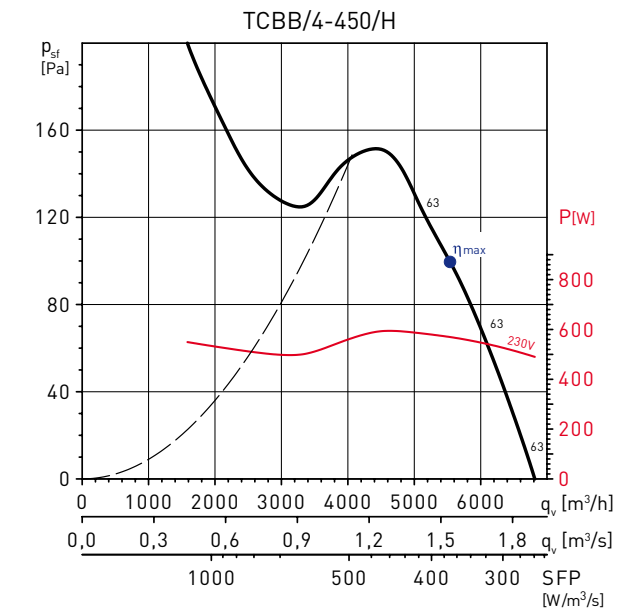


PERFORMANCE CURVES - 4 POLE MOTORS



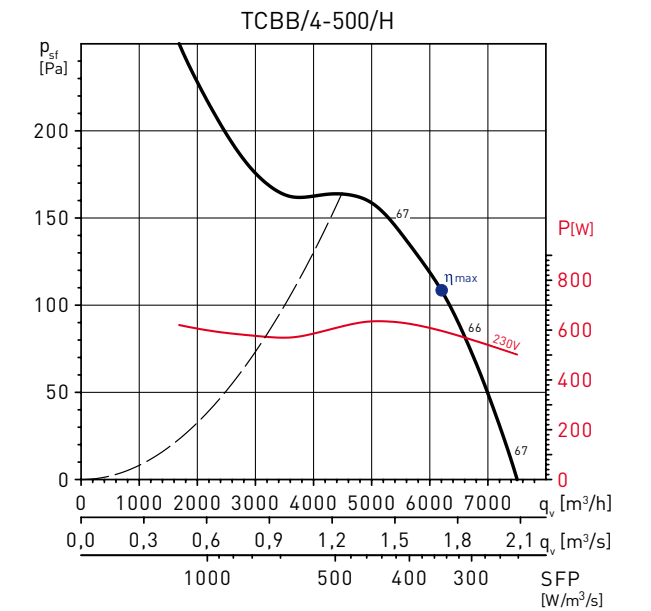
MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	40,8	50,0	0,347	4.556	112	1414

* See example curve.



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	42,2	50,1	0,569	5.538	156	1392

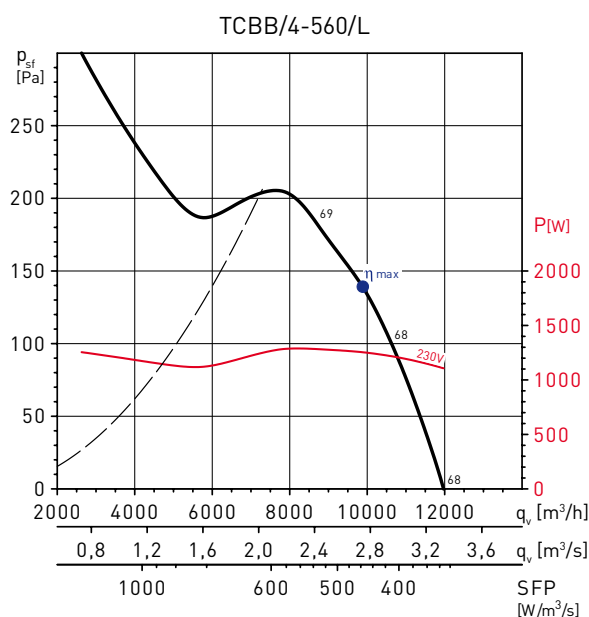
* See example curve.



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	45,1	52,8	0,597	6.200	155	1379

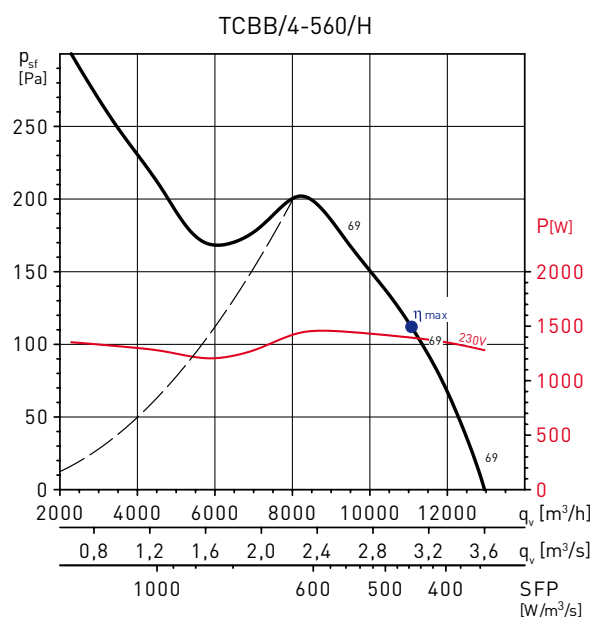
* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS



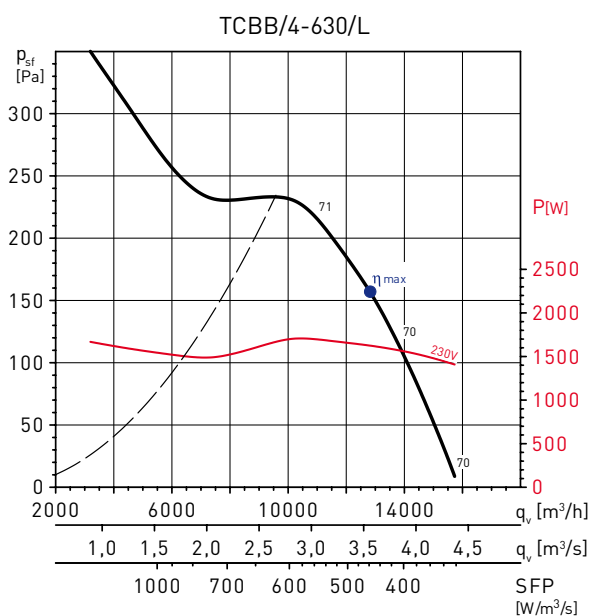
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
B	Total	No	1	47,0	52,7	1,254	9.881	213	1387

* See example curve.



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	46,8	52,2	1,395	11.111	211	1372

* See example curve.

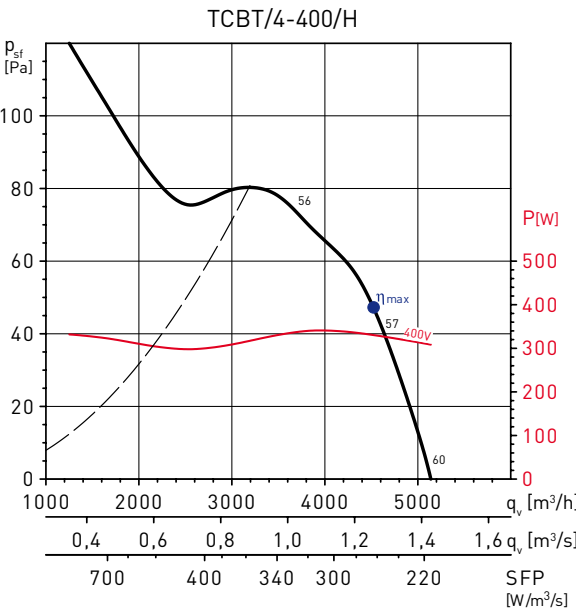
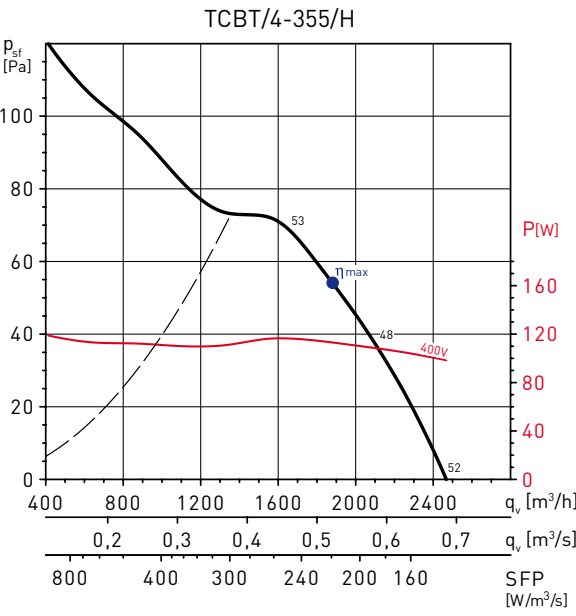
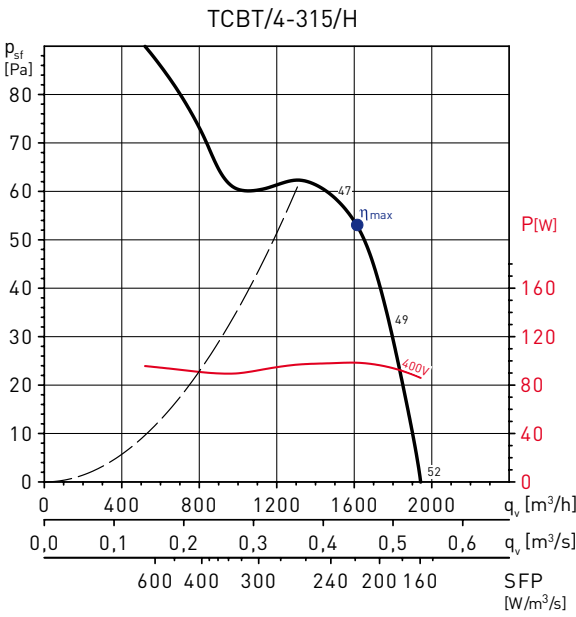
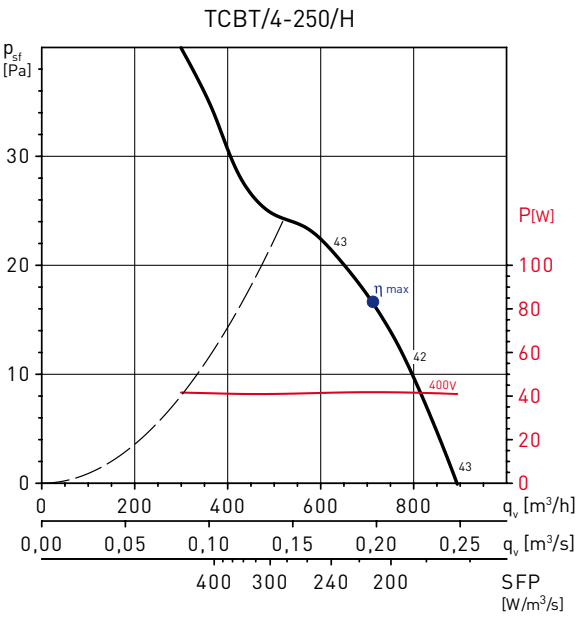


MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	52,4	57,4	1,624	12.815	238	1332

* See example curve.



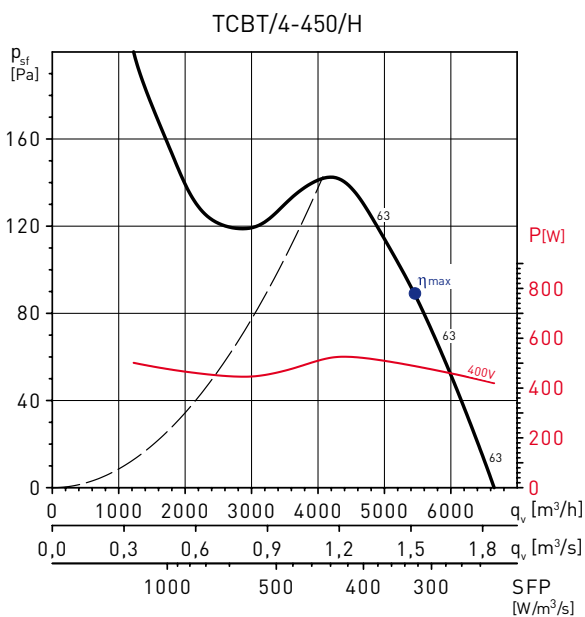
PERFORMANCE CURVES - 4 POLE MOTORS



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
B	Total	No	1	41,1	50,5	0,330	4.525	108	1401

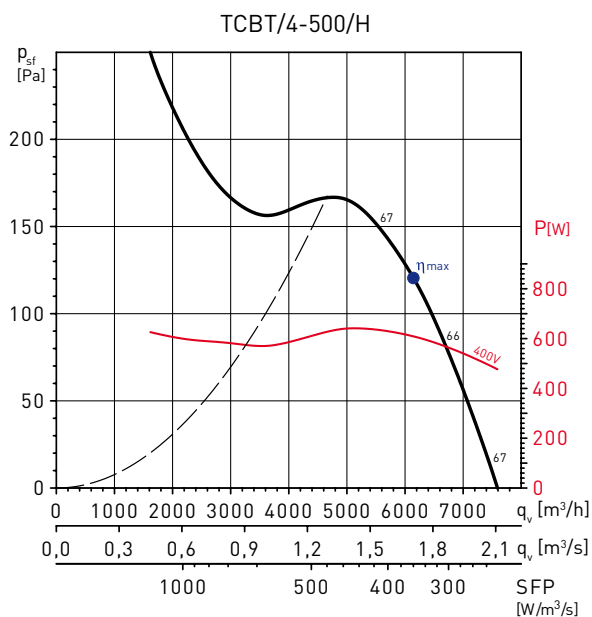
* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS



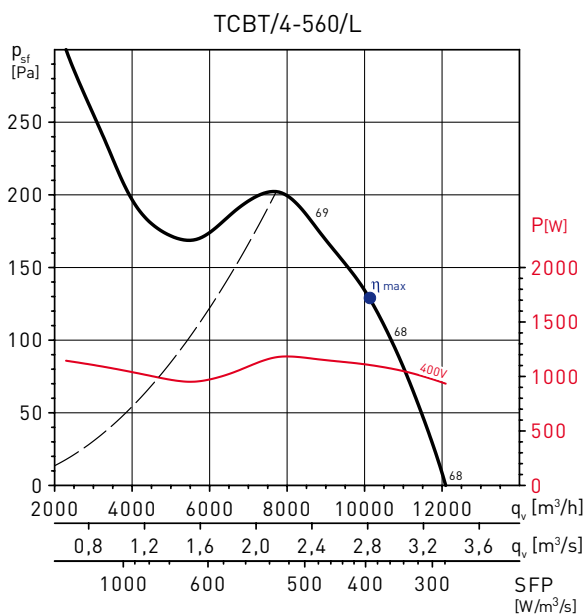
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	44,7	53,0	0,489	5.450	144	1384

* See example curve.



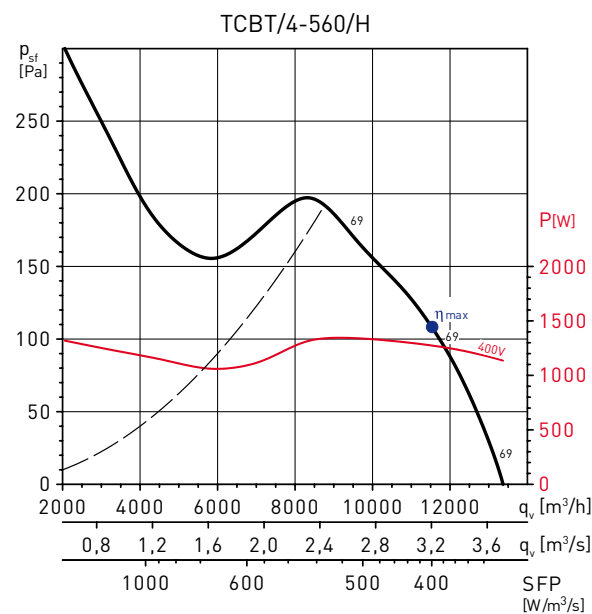
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	46,9	54,6	0,609	6.147	166	1389

* See example curve.



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	53,2	59,3	1,107	10.127	208	1390

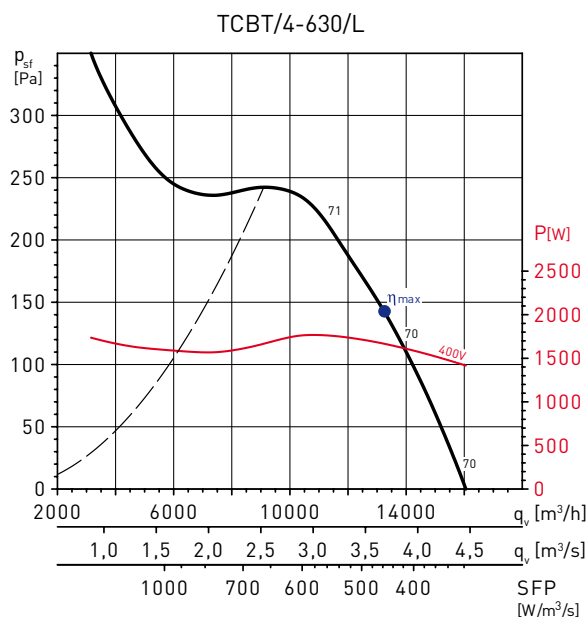
* See example curve.



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	53,4	59,1	1,275	11.576	212	1372

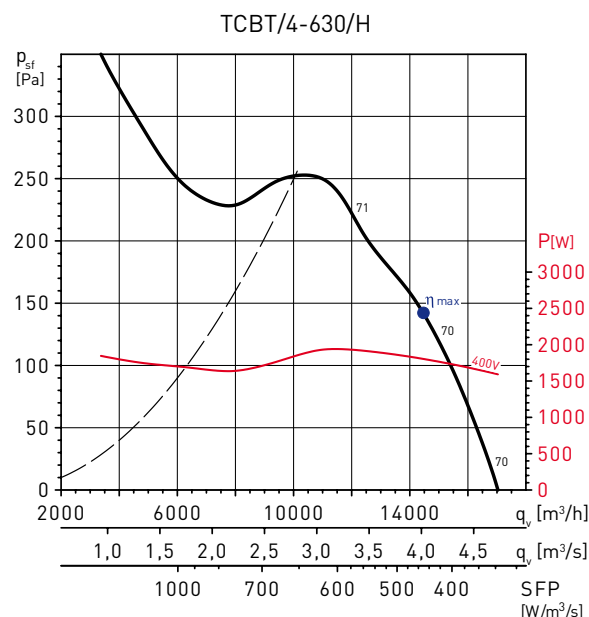
* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS



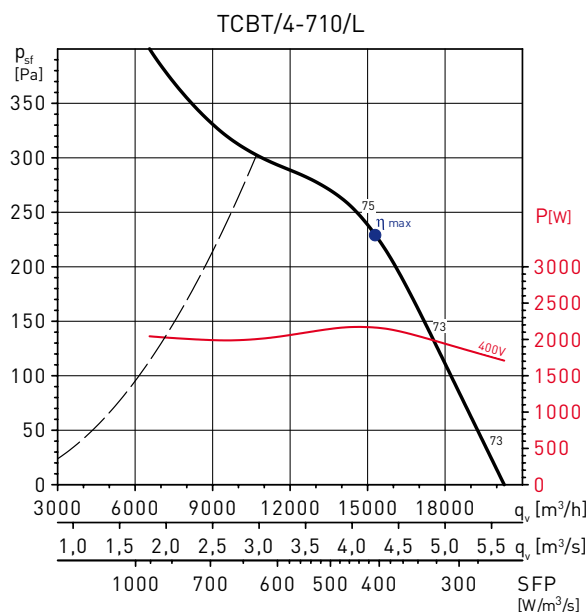
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	50,4	55,3	1,667	13.245	227	1390

* See example curve.



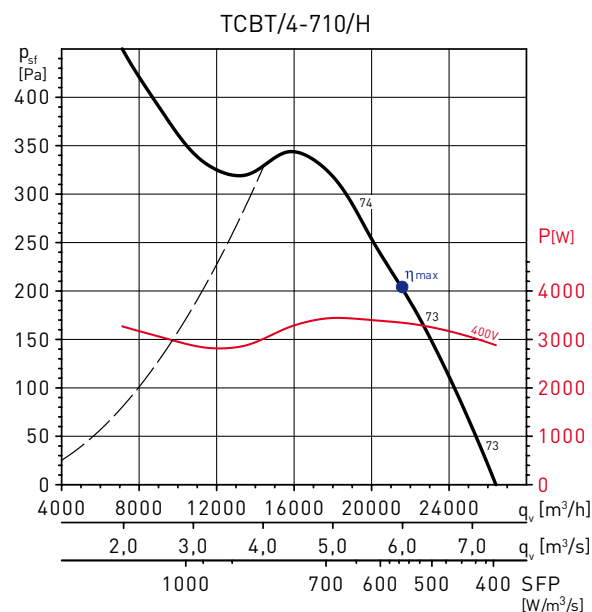
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	54,4	59,1	1,804	14.481	244	1383

* See example curve.



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	58,7	62,9	2,166	15.306	299	1414

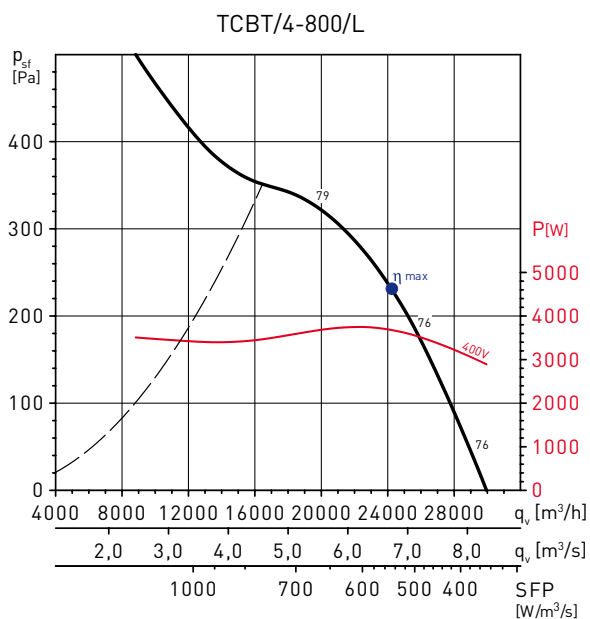
* See example curve.



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	61,4	64,4	3,346	21.563	341	1451

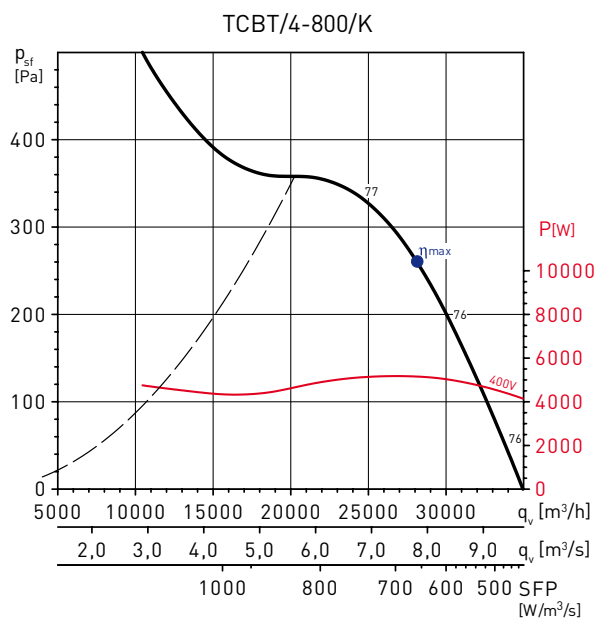
* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS



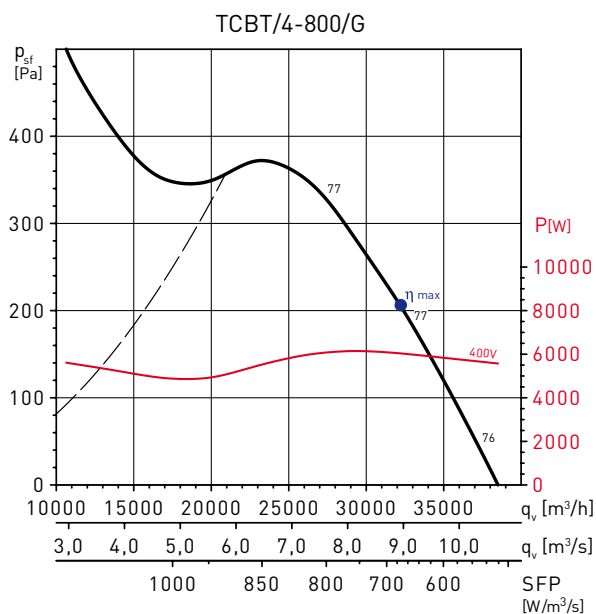
MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	62,4	65,2	3,678	24.248	339	1445

* See example curve.



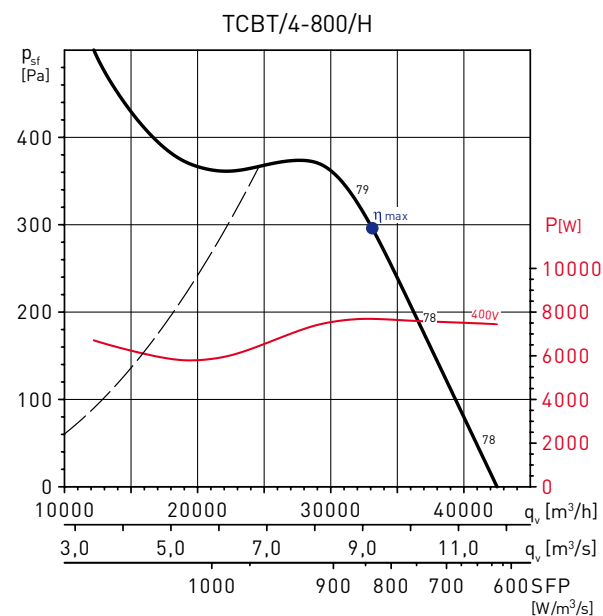
MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	61,6	63,4	5,156	28.120	406	1445

* See example curve.



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	58,9	60,3	6,038	32.195	397	1460

* See example curve.

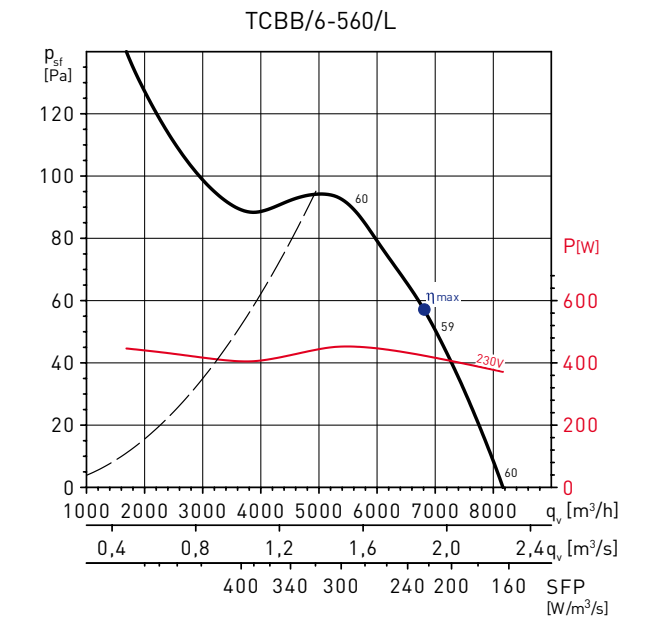
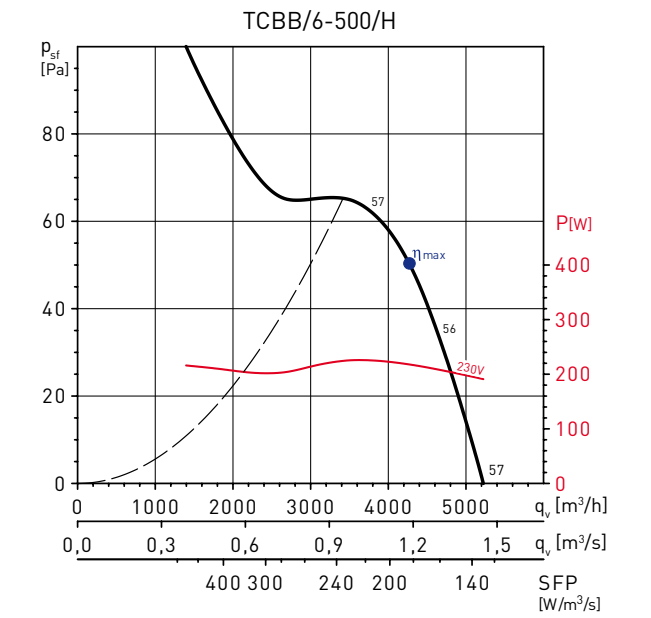
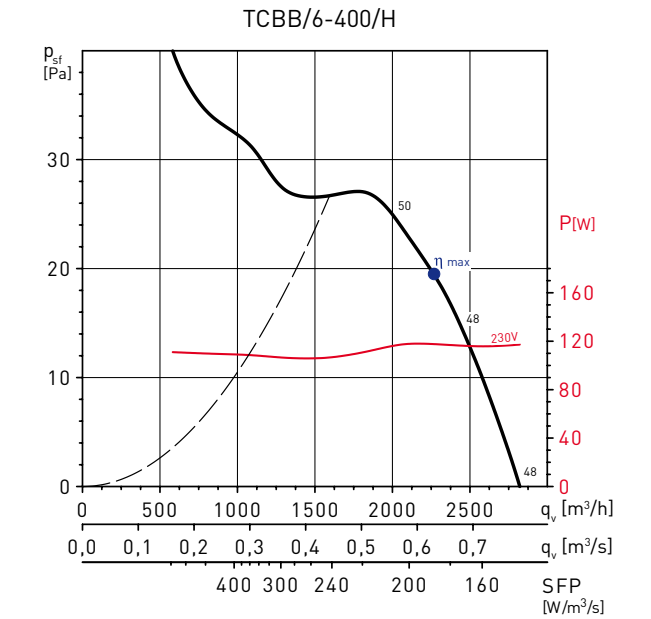
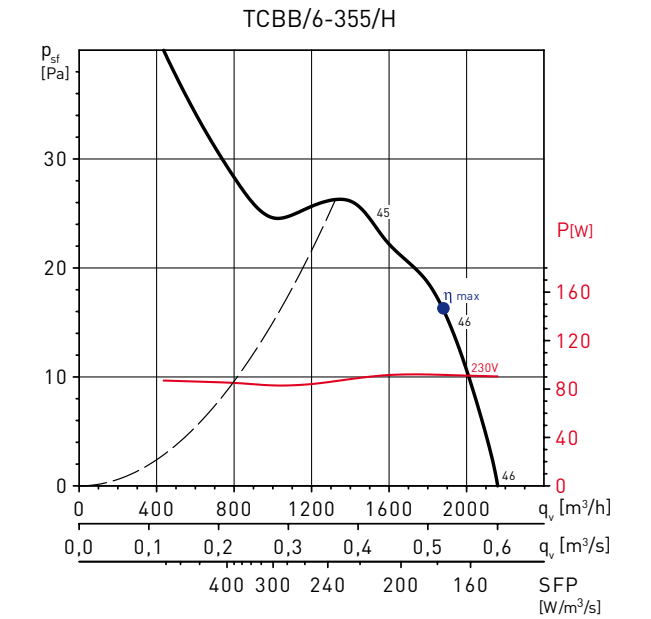


MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	59,6	60,3	7,682	33.100	498	1468

* See example curve.



PERFORMANCE CURVES - 6 POLE MOTORS



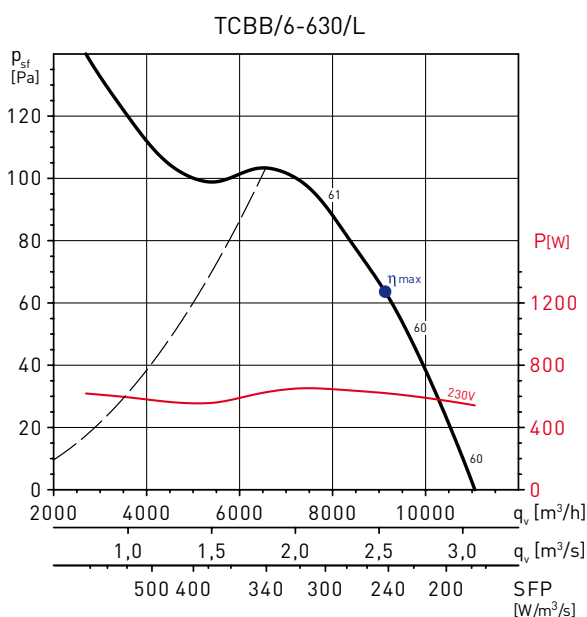
MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	39,5	50,0	0,218	4.270	72	892

* See example curve.

MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	41,6	50,3	0,423	6.808	93	944

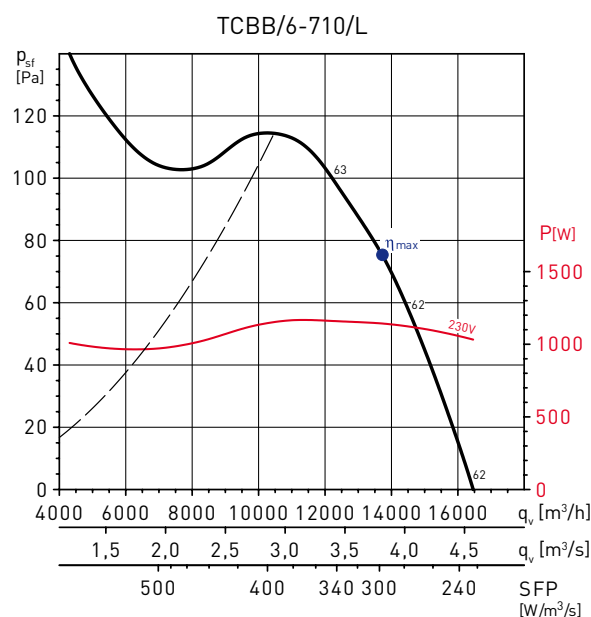
* See example curve.

PERFORMANCE CURVES - 6 POLE MOTORS



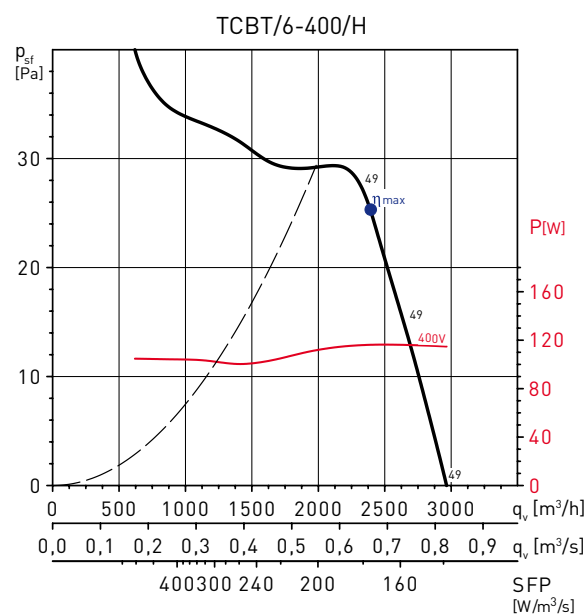
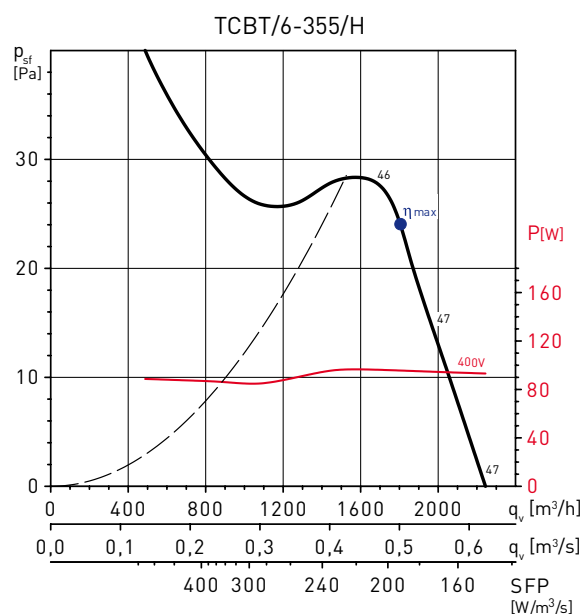
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	42,6	50,2	0,621	9.129	104	871

* See example curve.

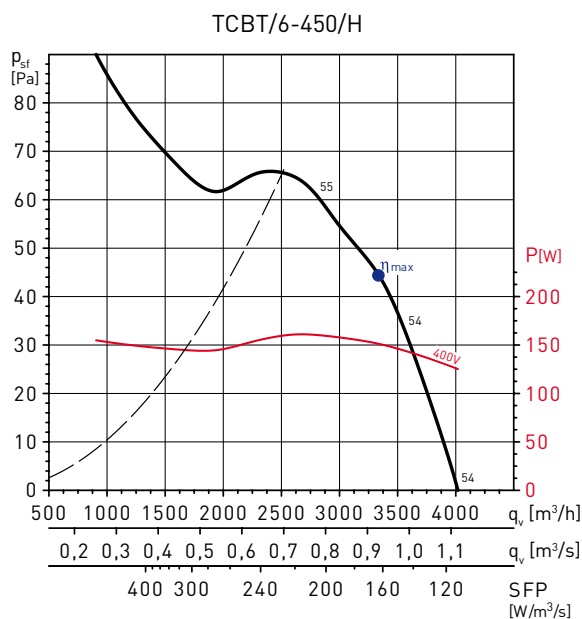


MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	44,0	50,0	1,143	13.727	131	889

* See example curve.

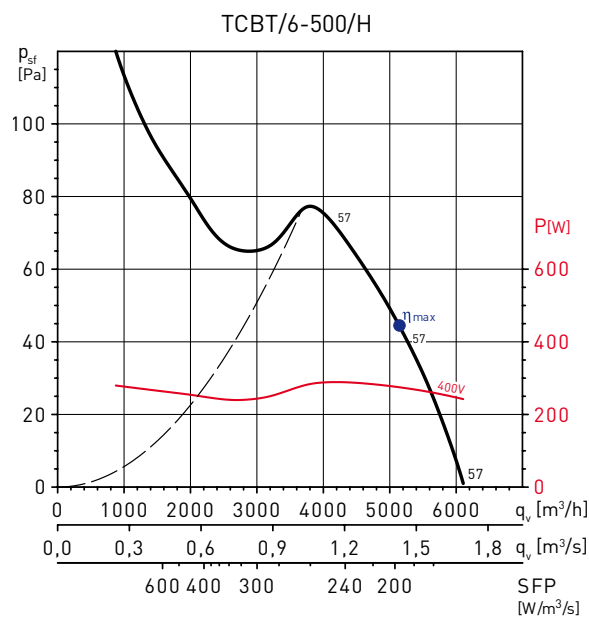


PERFORMANCE CURVES - 6 POLE MOTORS



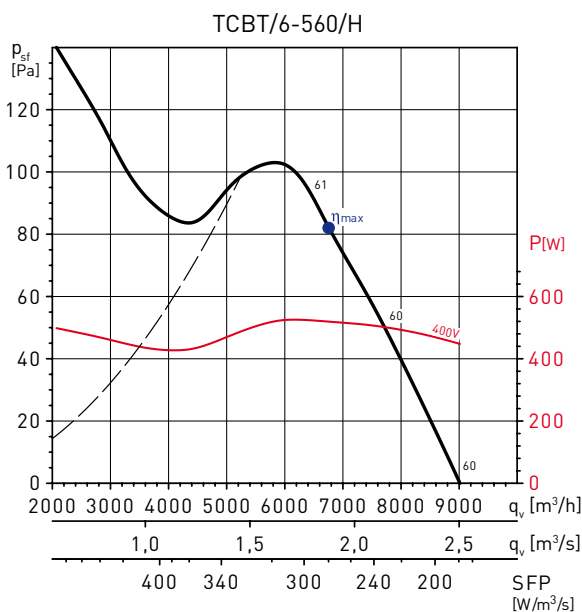
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	40,0	51,5	0,151	3.341	65	919

* See example curve.



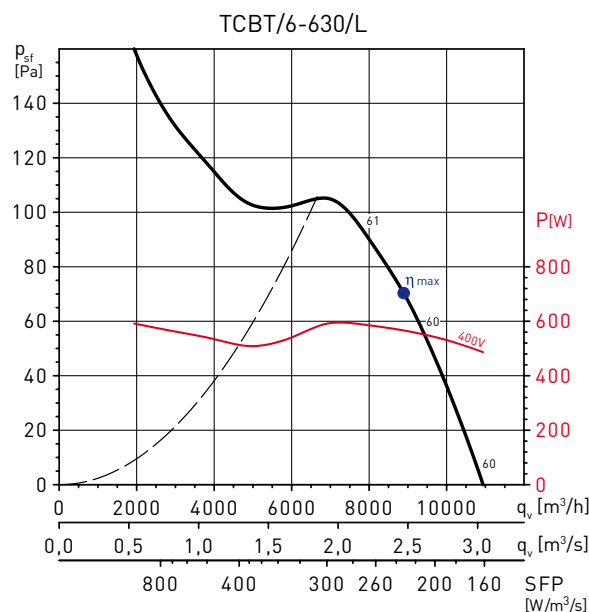
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	40,1	50,0	0,275	5.153	77	898

* See example curve.



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	42,4	50,5	0,519	6.760	117	918

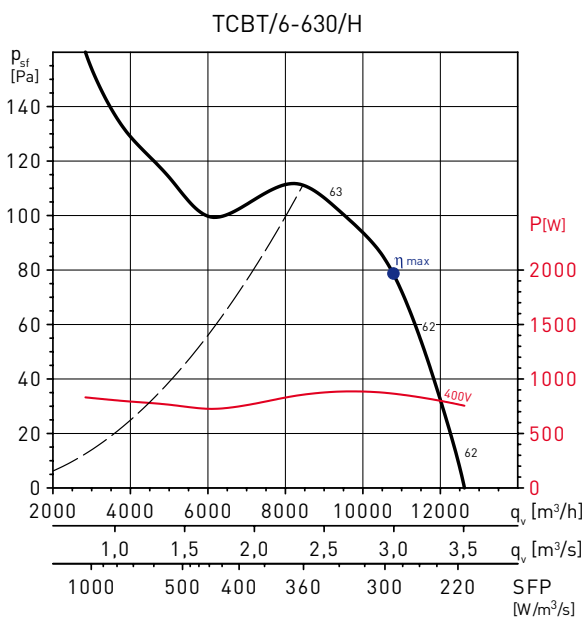
* See example curve.



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	47,6	55,5	0,566	8.898	109	895

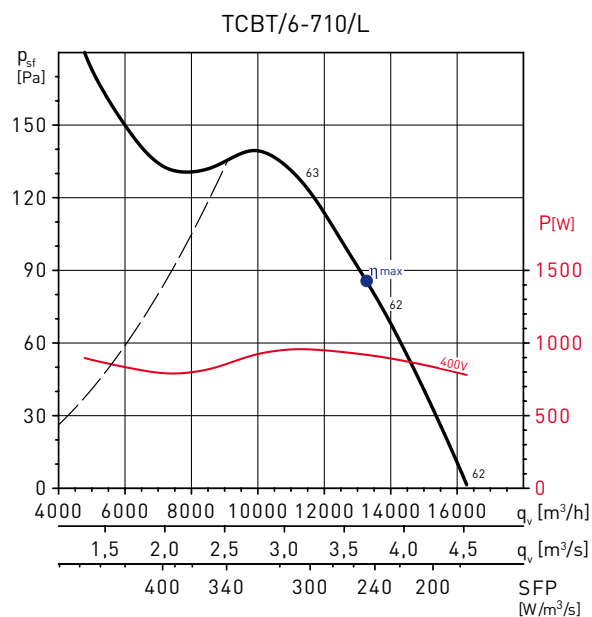
* See example curve.

PERFORMANCE CURVES - 6 POLE MOTORS



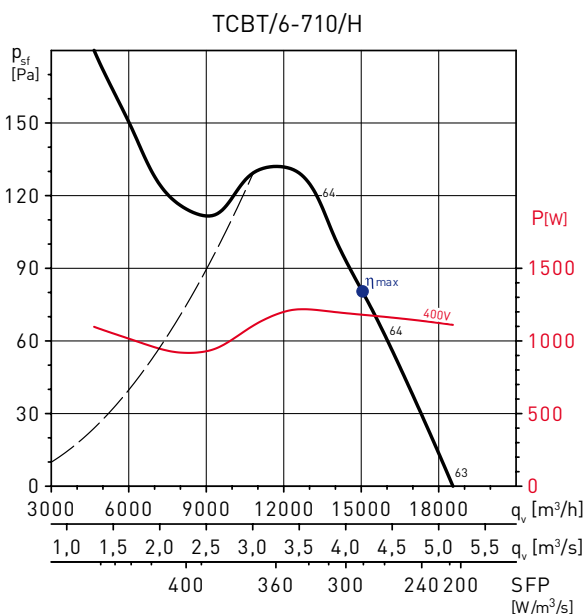
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	46,7	53,4	0,866	10.791	134	954

* See example curve.



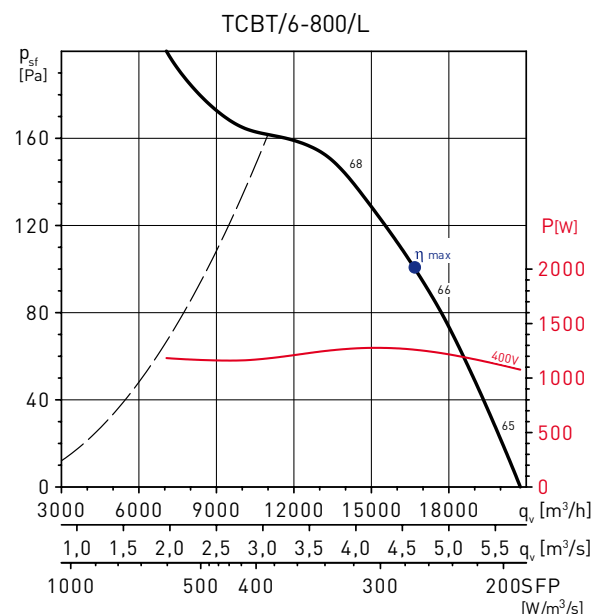
MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	55,5	62,1	0,919	13.274	138	915

* See example curve.



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	52,5	58,4	1,180	15.054	148	902

* See example curve.

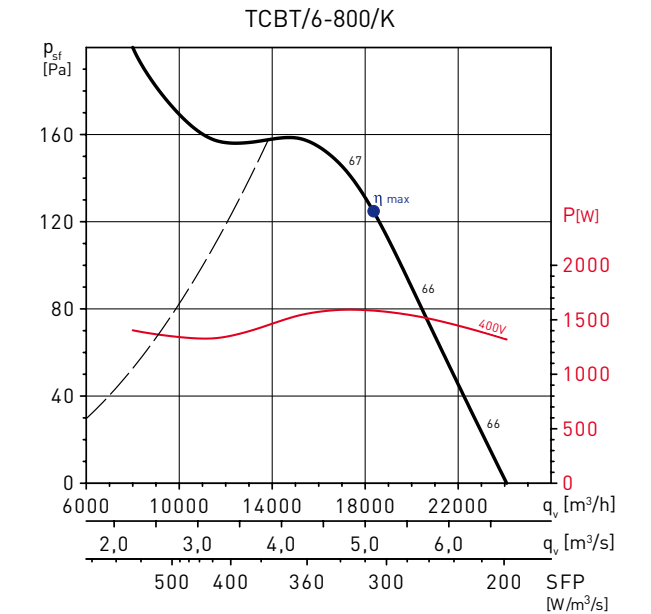


MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	56,0	61,7	1,260	16.668	152	955

* See example curve.

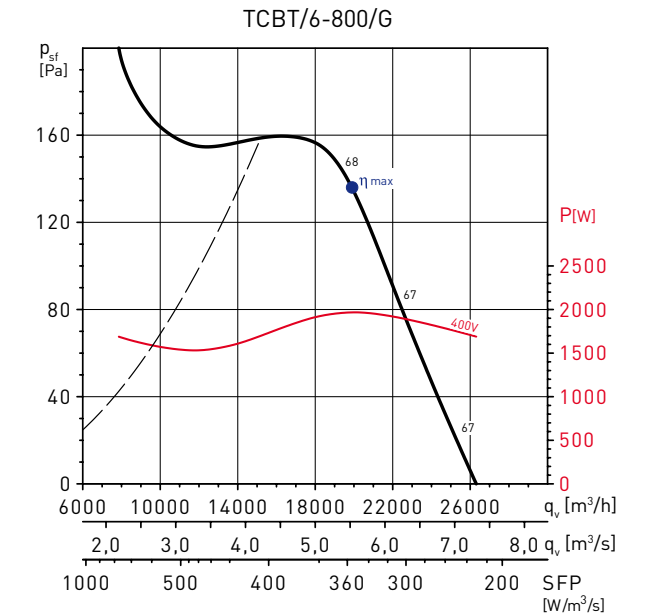


PERFORMANCE CURVES - 6 POLE MOTORS



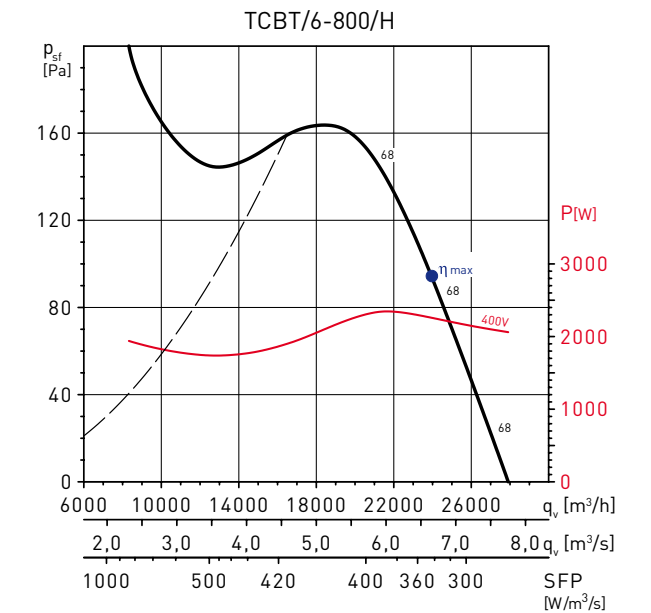
MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	60,1	65,2	1,584	18.352	187	965

* See example curve.



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	58,6	63,1	1,968	19.904	209	971

* See example curve.



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	59,0	63,1	2,257	23.956	200	962

* See example curve.