ErP OK

IP65[1]
PROTECTION

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, IP44, Class F, thermal protection, working temperature from -40ºC to +40ºC.
Models 450, 500, 560, 630 and 6/710: IP65, Class F, thermal protection, working temperature from -40ºC to +70ºC.
Models 4/710 and 800: IP55, Class F, working temperature from -40ºC to +40ºC.

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.

Corrosion resistance
Rolled 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 and 6-400).

Specific applications

ATEX
Versions

ATEX versions
On request, explosion proof versions in accordance to ATEX Directive for three phase models:
- Increased safety Ex II2G EExeIIT3 models 250 and /6 up to Ø400 (available for model /6-400 with 230/400V-50Hz motor).
- Flame proof only for models /4-710 and 800:
  Ex II2G EExdIIBT5 or T4, Ex II2G EExdIICT4.
  Ex II2G II3D Ex tD 125ºC or 135ºC.

Working temperatures from ATEX versions:
- From -20ºC to 55ºC:
  models /4, 315 to 630.
  models /6, 355 to 710.
- From -20ºC to 40ºC:
  models /4, 710 and 800.
  model /6-800.
- The consumption data (A, W) of ATEX products may vary from the data shown in technical characteristic charts.

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 - **H:** 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 r.p.m. - 50 Hz)
4: (approx. 1400 r.p.m. - 50 Hz)
6: (approx. 900 r.p.m. - 50 Hz)
6 - Nominal diameter of fan in mm.
7 - Pitch angle.
8 - Direction of air:
A: Motor over Impeller.
B: Impeller over Motor.
9 - Tensión de alimentación:
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: Ø 450 up to Ø 800 mm.
6/12 poles of motor for models from Ø 710 up to Ø 800 mm.
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**
		Y	**Low***
THREE PHASE 380V-50Hz 415V-50Hz	**230/400V 50Hz**	Y	**High**
	400V 50Hz	△	**High**
		Y	**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

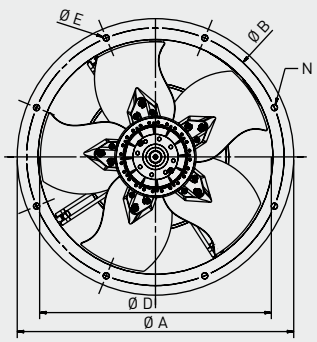
TECHNICAL CHARACTERISTICS

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.

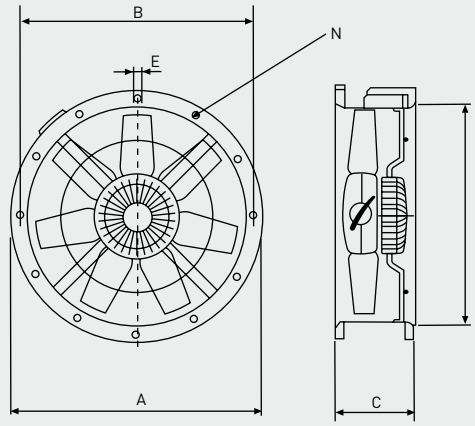
Model	Speed (rpm)	Maximum absorbed power (W)	Maximum current (A)		Sound pressure level* (dB(A))	Maximum air volume (m^3/h)	Weight (kg)	Speed controller		Variable frequency inverter	
			to 230 V	to 400 V				REB	RMB/T	VFTM	VFKB
SINGLE PHASE 2 POLE											
TCBB/2-250/H	2680	123	0,5	-	62	1.680	8	–	–		
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

* For more information see Acoustic characteristics.

DIMENSIONS (mm)

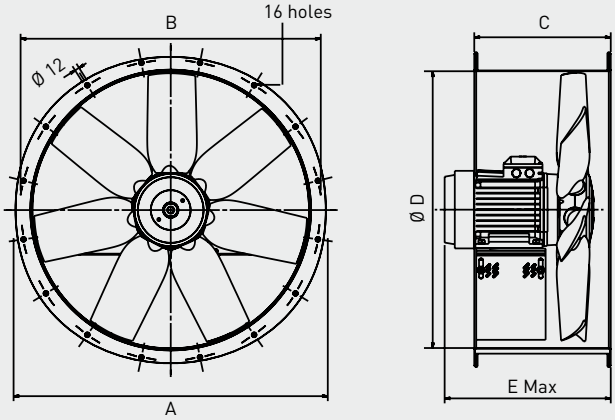


Models 250, 315, 355 and 400



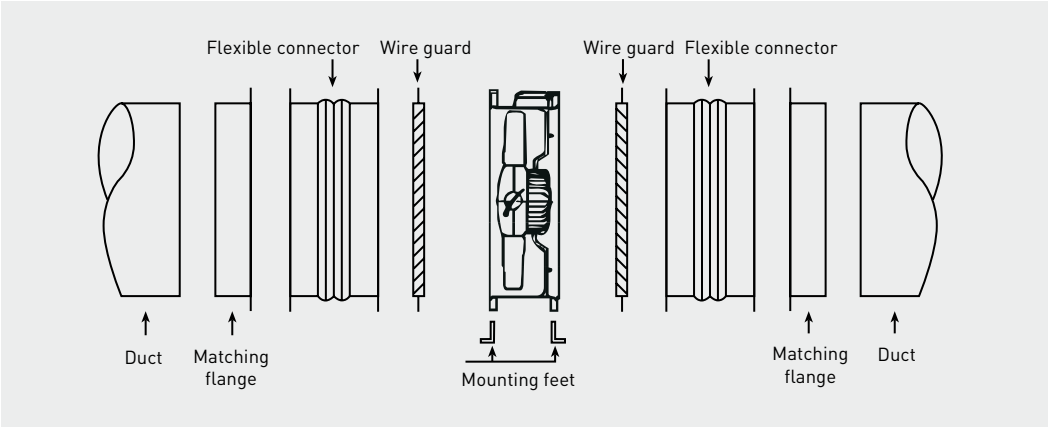
Models 450, 500, 560, 630 and /6-710

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	487	450	170	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-250 COMPACT	PIE-250	-	ACOP.BRIDA-250	ACOPEL EX 250/160 N
TCBB / TCBT 315	DEF-315 T	DEF-315 T	ARO BRIDA-315 COMPACT	PIE-315	EMB-315 T	ACOP.BRIDA-315	ACOPEL EX 315/160 N
TCBB / TCBT 355	DEF-355 T	DEF-355 T	ARO BRIDA-355 COMPACT	PIE-355	EMB-355 T	ACOP.BRIDA-355	ACOPEL EX 355/160 N
TCBB / TCBT 400	DEF-400 T	DEF-400 T	ARO BRIDA-400 COMPACT	PIE-400	EMB-400 T	ACOP.BRIDA-400	ACOPEL EX 400/160 N
TCBB / TCBT 450	DEF-450 T	DEF-450 T	ARO BRIDA-450 COMPACT	PIE-450	EMB-450 T	ACOP.BRIDA-450	ACOPEL EX 450/160 N
TCBB / TCBT 500	DEF-500 T	DEF-500 T	ARO BRIDA-500 COMPACT	PIE-500	EMB-500 T	ACOP.BRIDA-500	ACOPEL EX 500/160 N
TCBB / TCBT 560	DEF-560 T	DEF-560 T	ARO BRIDA-560 COMPACT	PIE-560	EMB-560 T	ACOP.BRIDA-560	ACOPEL EX 560/160 N
TCBB / TCBT 630	DEF-630 T	DEF-630 T	ARO BRIDA-630 COMPACT	PIE-630	EMB-630 T	ACOP.BRIDA-630	ACOPEL EX 630/160 N
TCBT 4-710/H	DEF-710 T	DEF-710/H-T DESC.	ARO BRIDA-710 COMPACT	PIE-710	EMB-710 T	ACOP.BRIDA-710	ACOPEL EX 710/160 N
TCBT 4-710/L	DEF-710 T	DEF-710/L-T DESC.	ARO BRIDA-710 COMPACT	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-710 COMPACT	PIE-710	EMB-710 T	ACOP.BRIDA-710	ACOPEL EX 710/160 N
TCBT 800	DEF-800 T	DEF.DESC.THGT-800*	ARO BRIDA-800 COMPACT	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

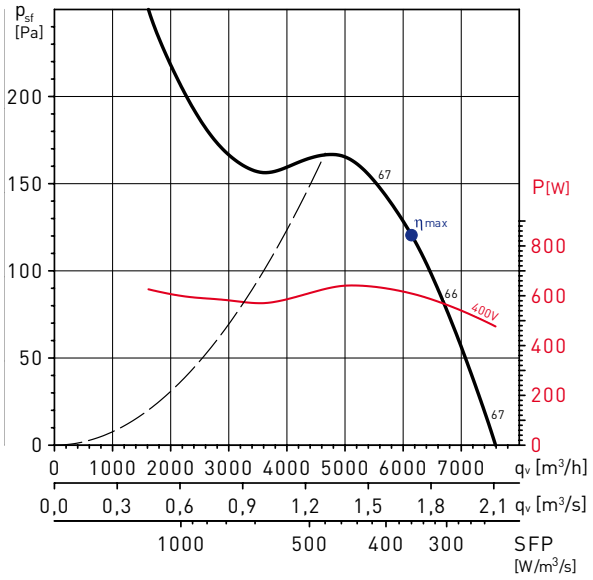
- q_v: Air volume in m^3/h and m^3/s.
- p_{sf}: Static pressure in Pa.
- SFP: Specific fan power in $W/m^3/s$.
- P: Input power in W.
- Measurement category: D.
- Efficiency category: total.
- Fan efficiency without speed control.
- Airflow data in accordance with ISO 5801.
- Sound pressure level dB(A),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

Select the air volume 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
[m³/h]	Air volume
[Pa]	Static pressure
[RPM]	Speed

EXAMPLE CURVE

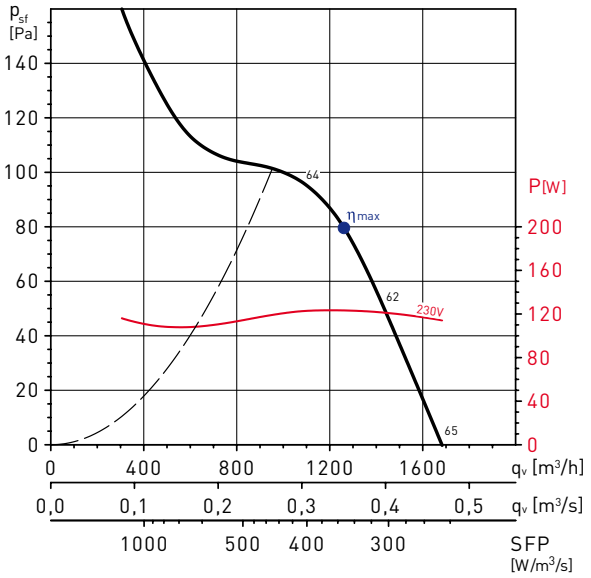
TCBT/4-500/H



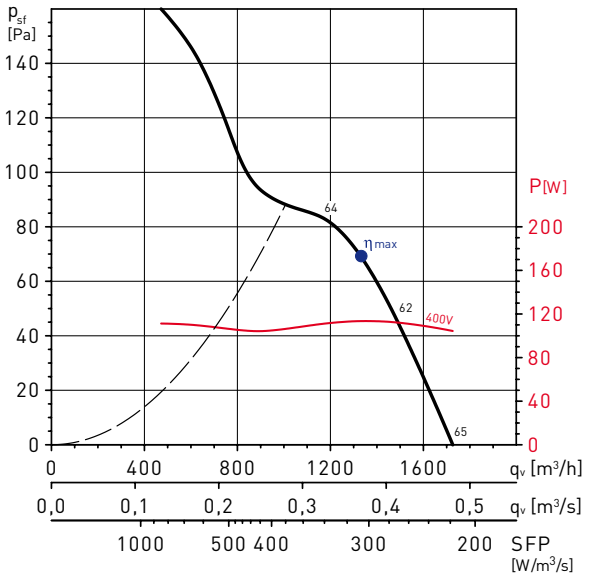
MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	46,9	54,6	0,609	6.147	166	1389

PERFORMANCE CURVES - 2 and 4 POLE MOTORS

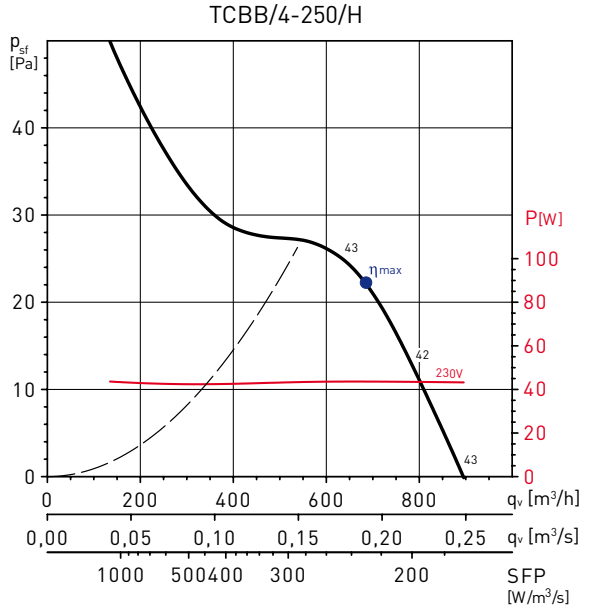
TCBB/2-250/H



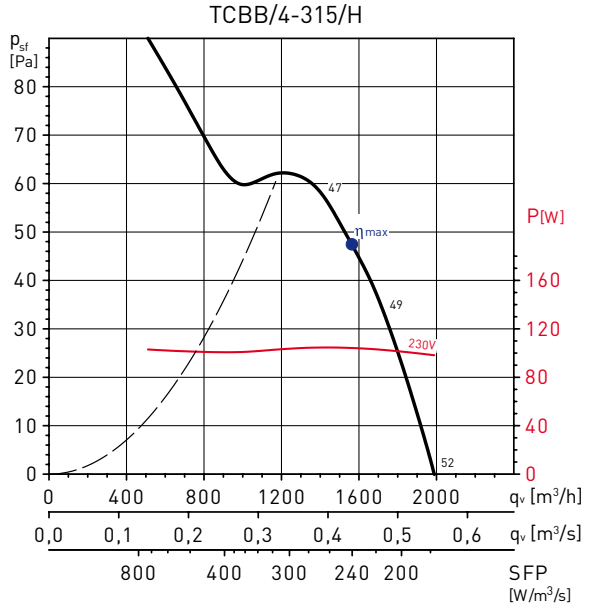
TCBT/2-250/H



TCBB/4-250/H

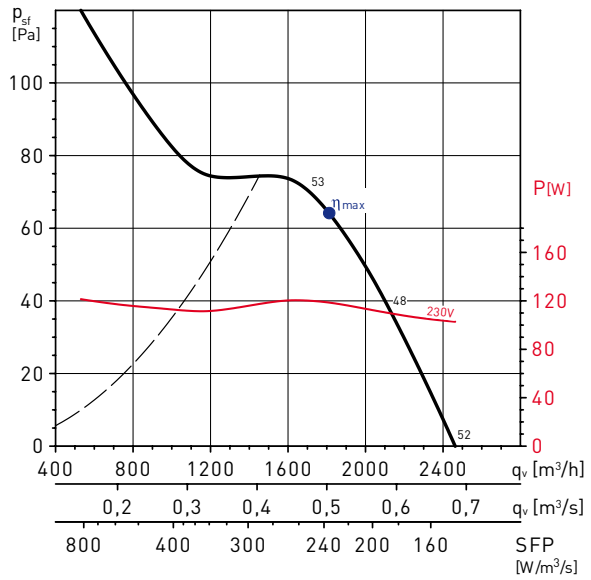


TCBB/4-315/H

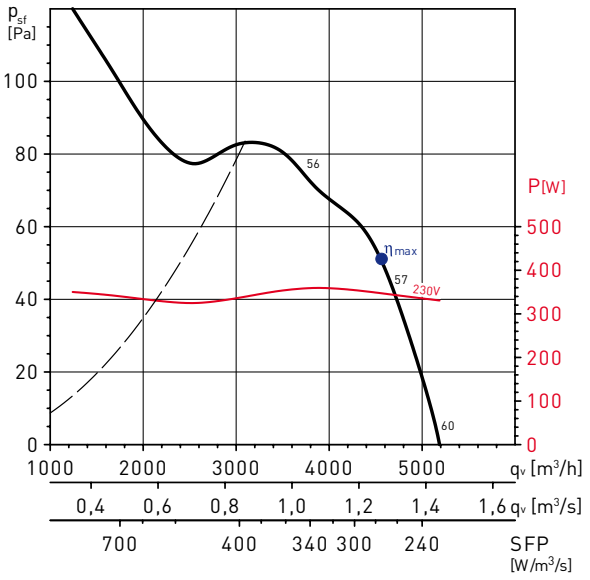


PERFORMANCE CURVES - 4 POLE MOTORS

TCBB/4-355/H



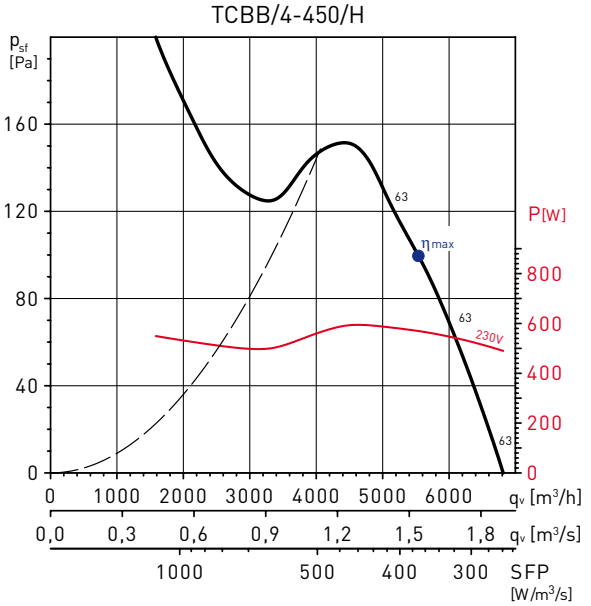
TCBB/4-400/H



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.

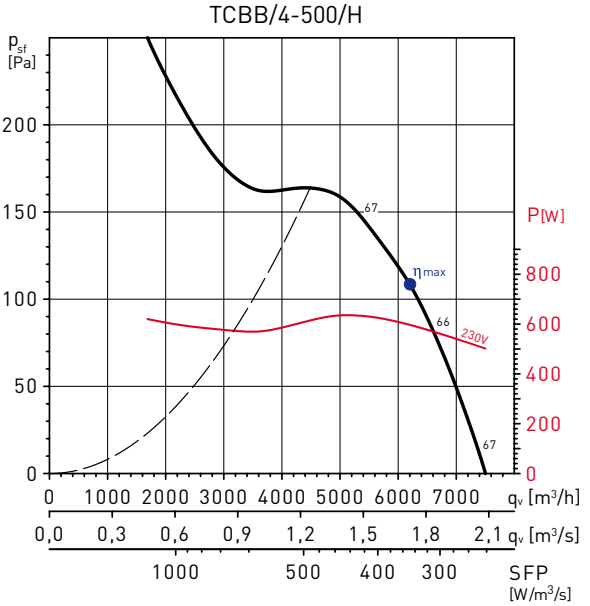
TCBB/4-450/H



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.

TCBB/4-500/H

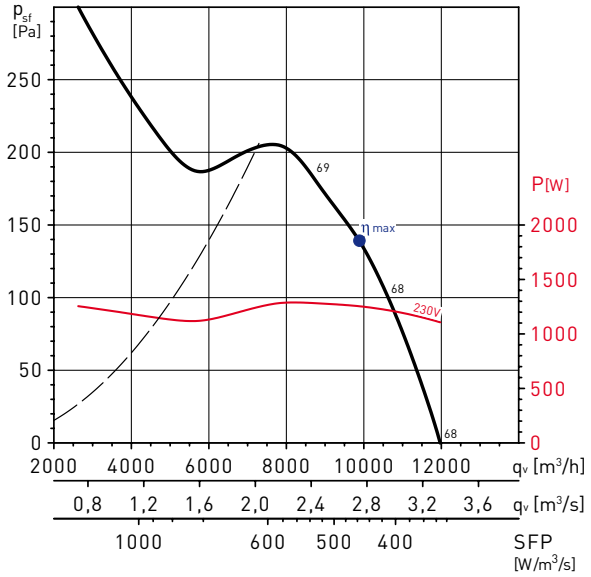


MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	45,1	52,8	0,597	6.200	155	1379

* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS

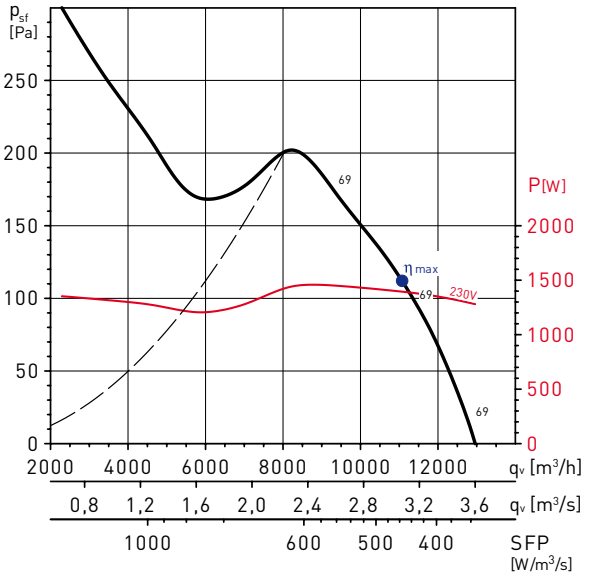
TCBB/4-560/L



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
B	Total	No	1	47,0	52,7	1,254	9.881	213	1387

* See example curve.

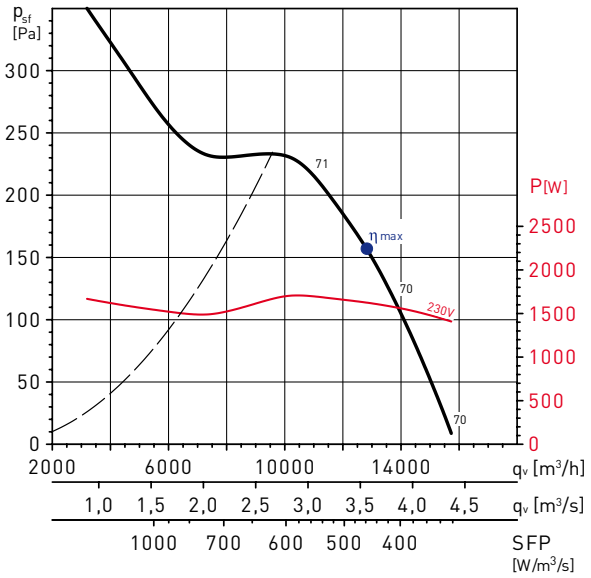
TCBB/4-560/H



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	46,8	52,2	1,395	11.111	211	1372

* See example curve.

TCBB/4-630/L

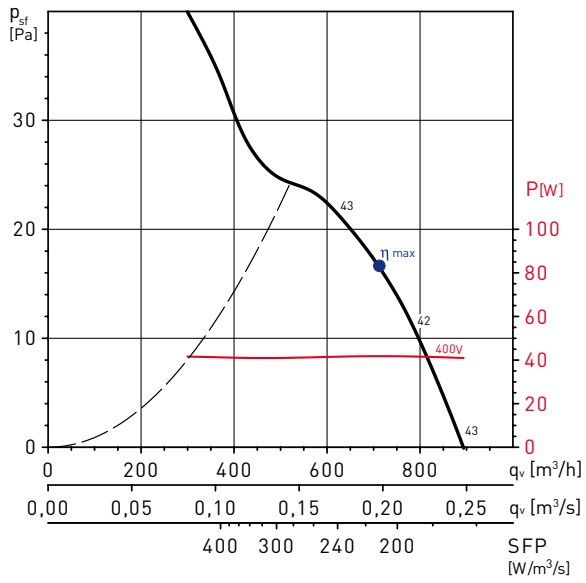


MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	52,4	57,4	1,624	12.815	238	1332

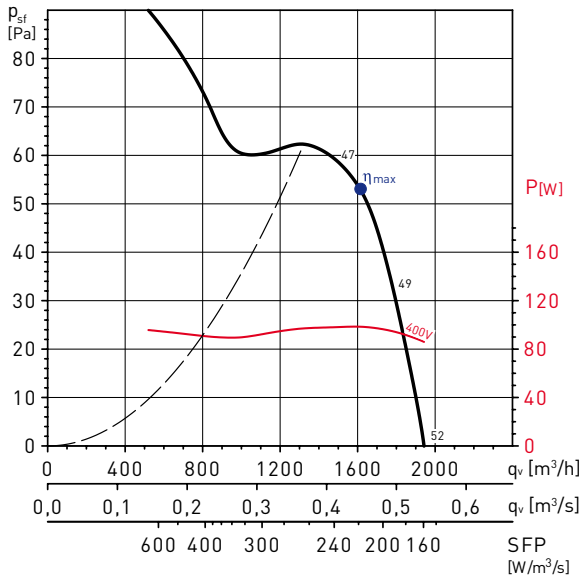
* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS

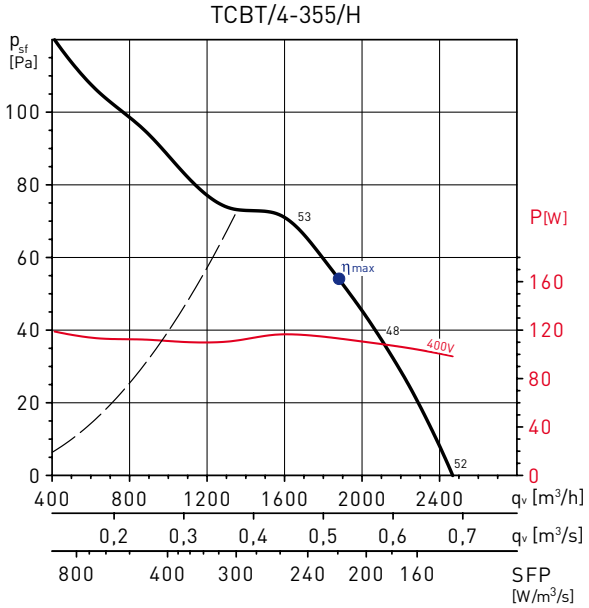
TCBT/4-250/H



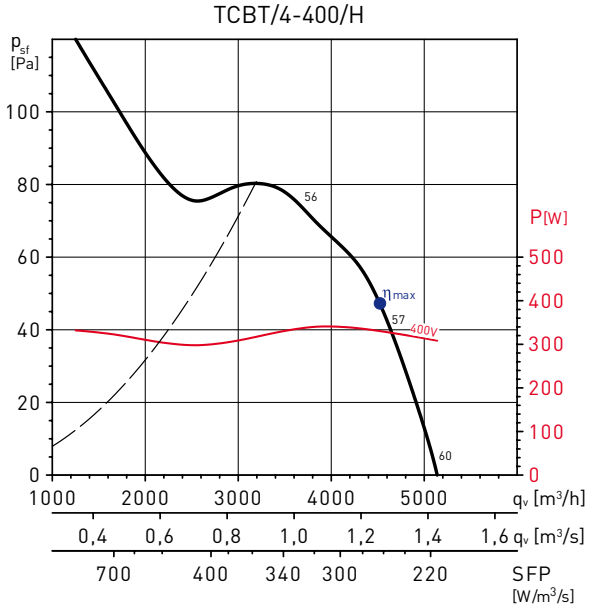
TCBT/4-315/H



TCBT/4-355/H



TCBT/4-400/H

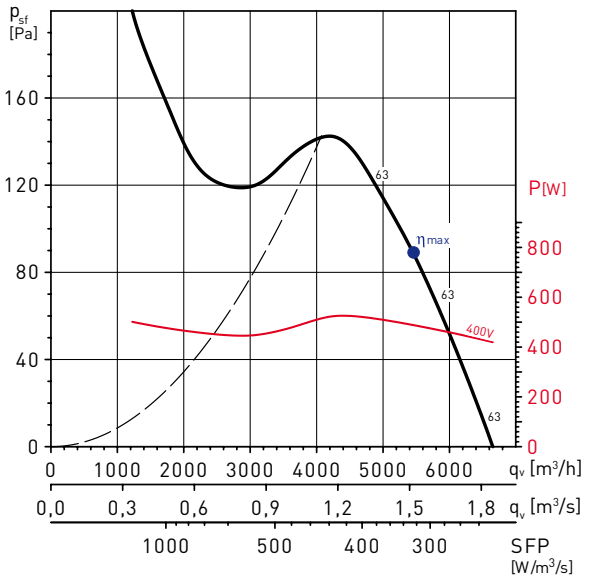


MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
B	Total	No	1	41,1	50,5	0,330	4.525	108	1401

* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS

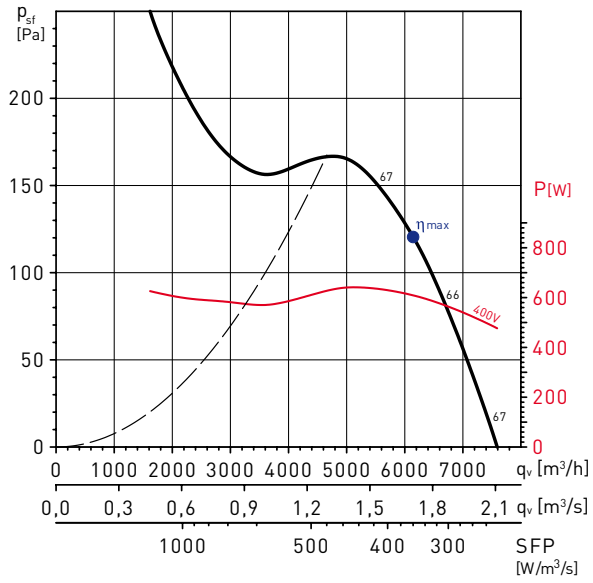
TCBT/4-450/H



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	44,7	53,0	0,489	5.450	144	1384

* See example curve.

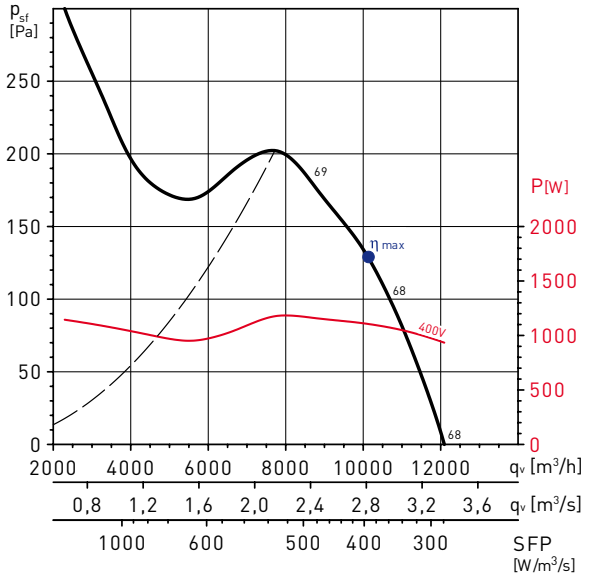
TCBT/4-500/H



MC*	EC*	VSD*	SR*	[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	46,9	54,6	0,609	6.147	166	1389

* See example curve.

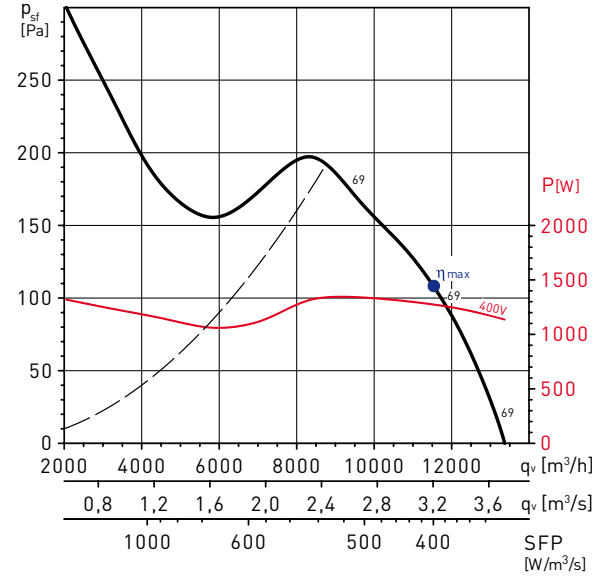
TCBT/4-560/L



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	53,2	59,3	1,107	10.127	208	1390

* See example curve.

TCBT/4-560/H

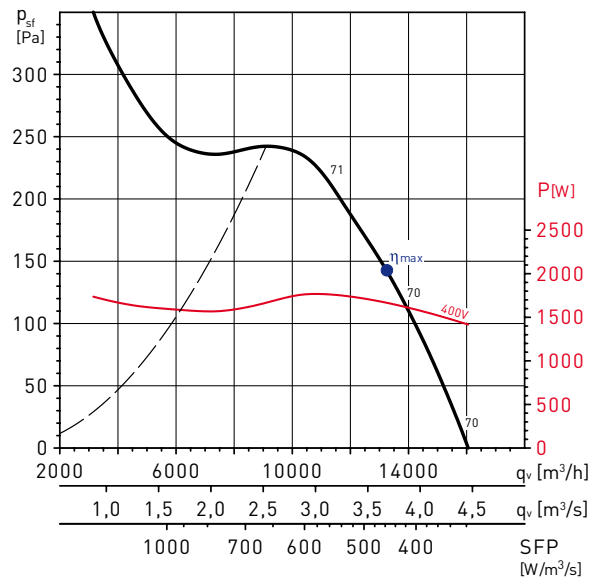


MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	53,4	59,1	1,275	11.576	212	1372

* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS

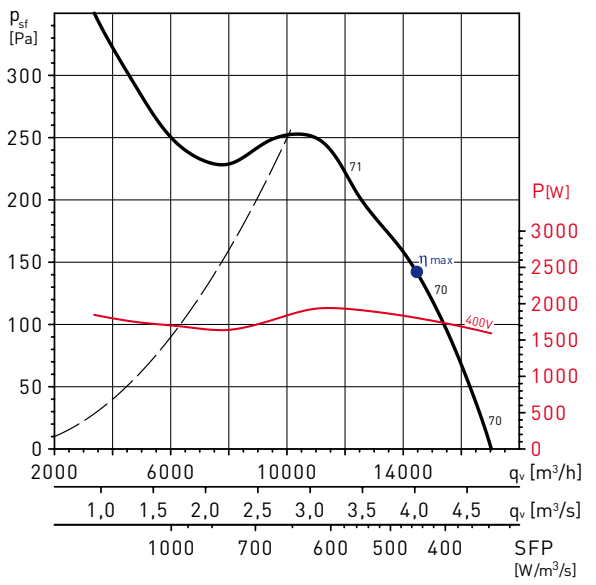
TCBT/4-630/L



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	50,4	55,3	1,667	13.245	227	1390

* See example curve.

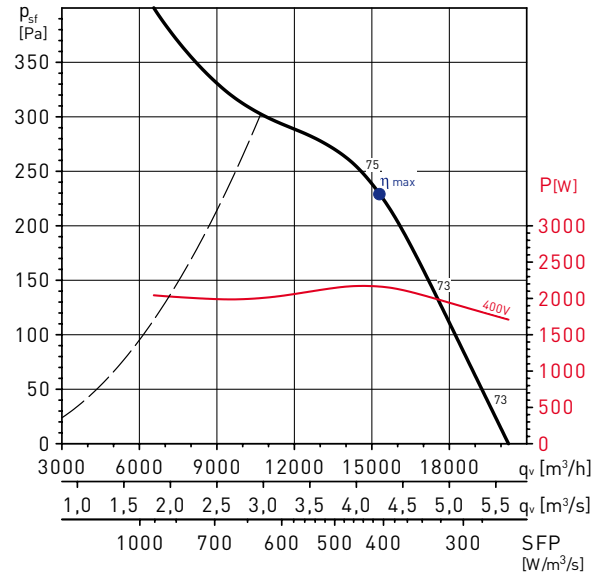
TCBT/4-630/H



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	54,4	59,1	1,804	14.481	244	1383

* See example curve.

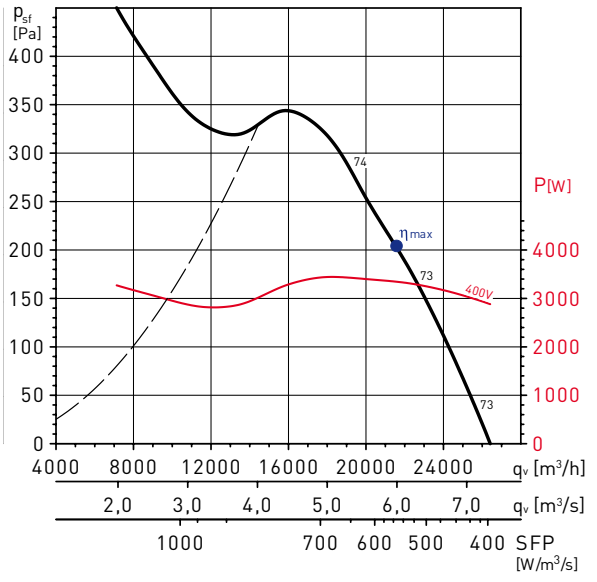
TCBT/4-710/L



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	58,7	62,9	2,166	15.306	299	1414

* See example curve.

TCBT/4-710/H

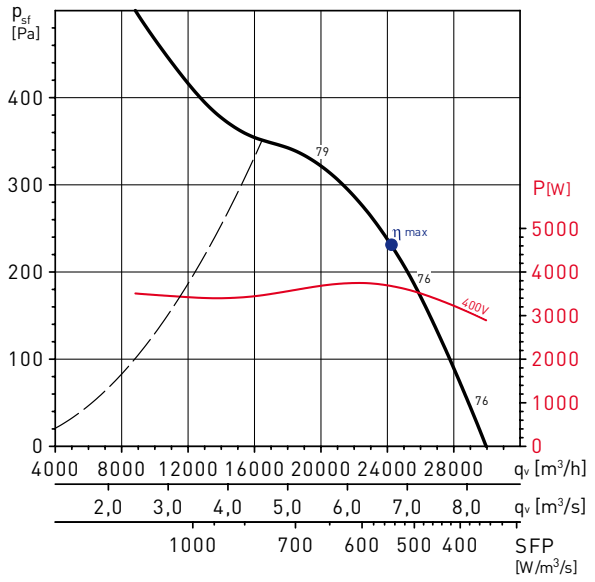


MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	61,4	64,4	3,346	21.563	341	1451

* See example curve.

PERFORMANCE CURVES - 4 POLE MOTORS

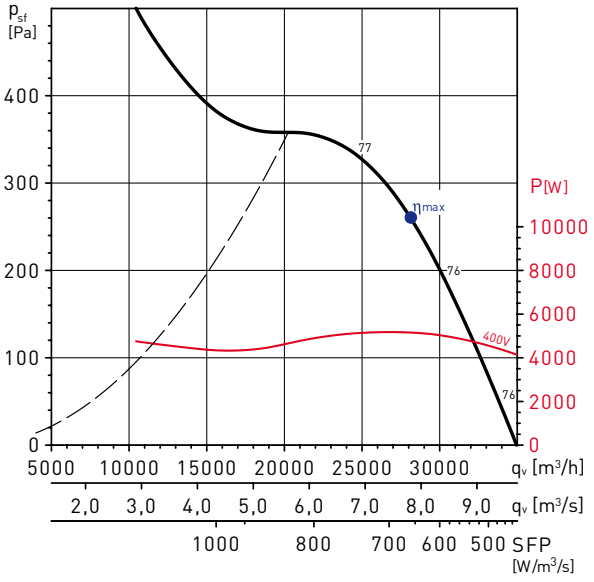
TCBT/4-800/L



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.

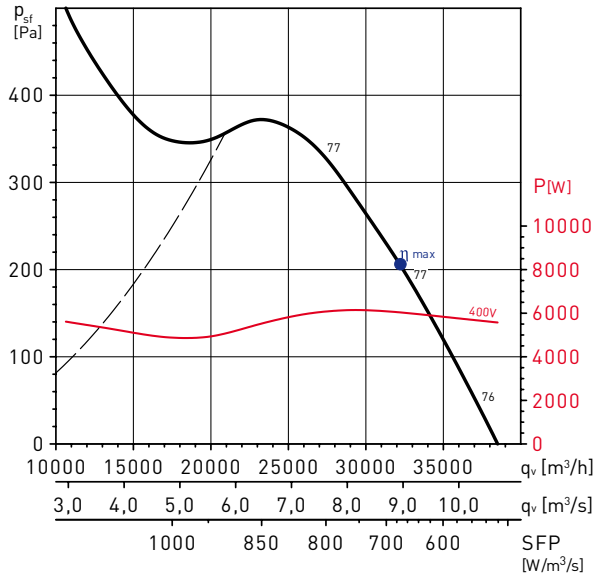
TCBT/4-800/K



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.

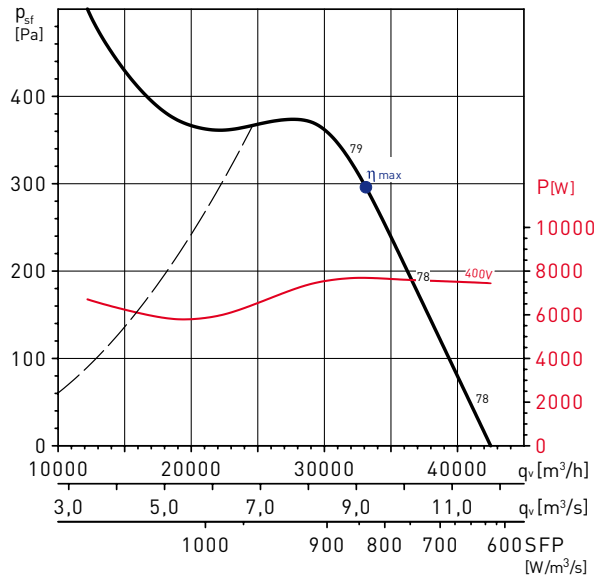
TCBT/4-800/G



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.

TCBT/4-800/H

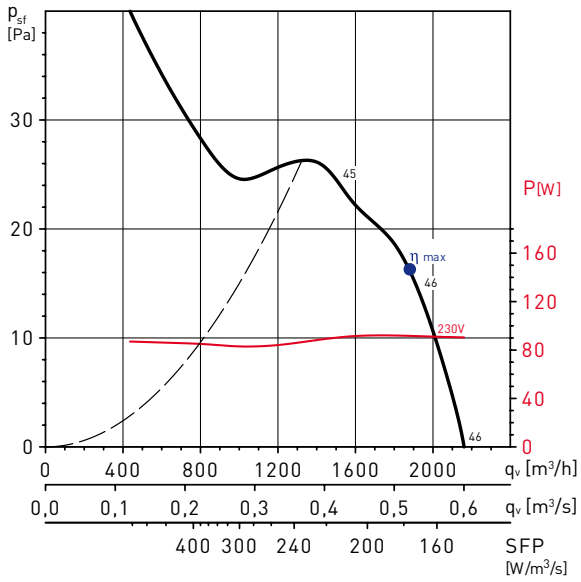


MC*	EC*	VSD*	SR*	[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	59,6	60,3	7,682	33.100	498	1468

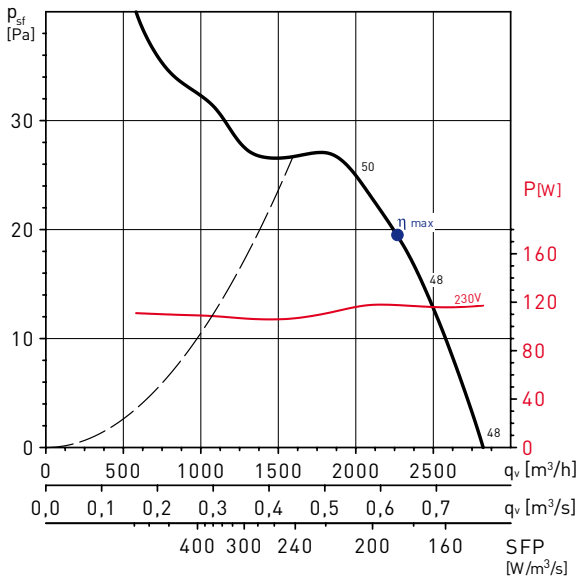
* See example curve.

PERFORMANCE CURVES - 6POLE MOTORS

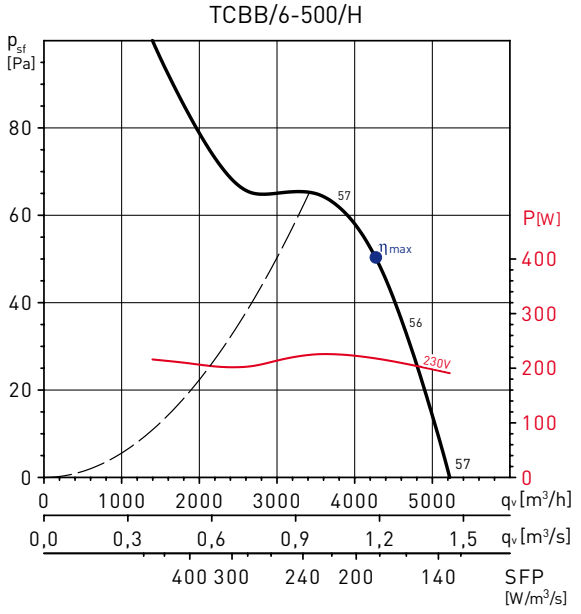
TCBB/6-355/H



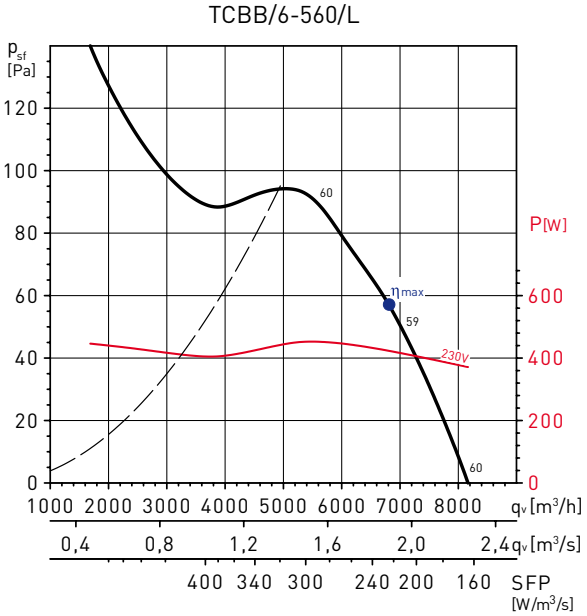
TCBB/6-400/H



TCBB/6-500/H



TCBB/6-560/L



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

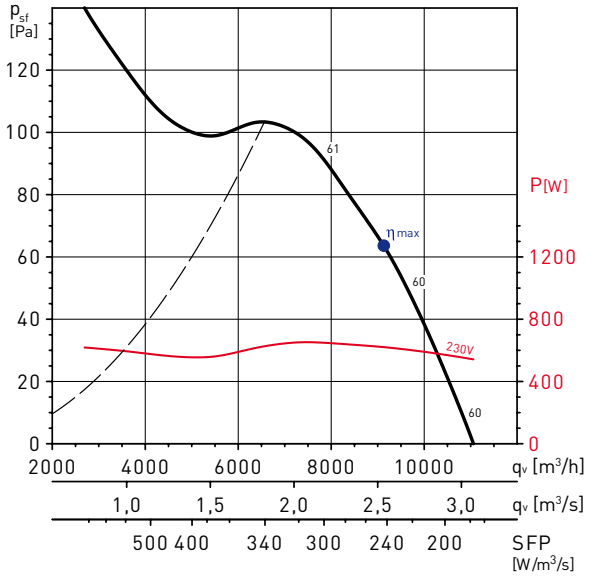
* See example curve.

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

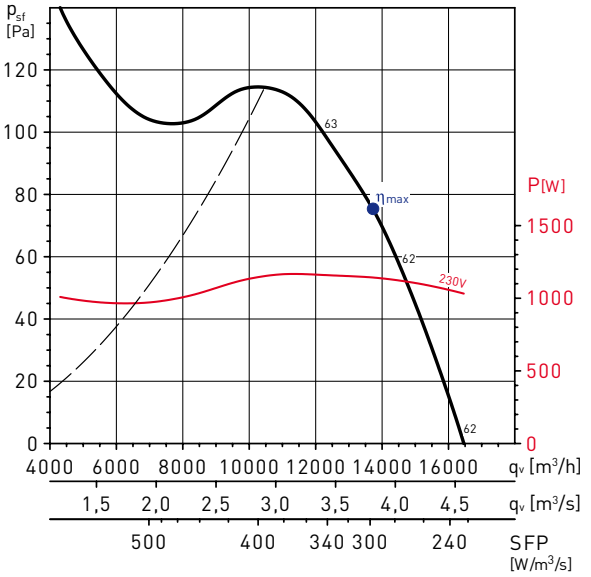
TCBB/6-630/L



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.

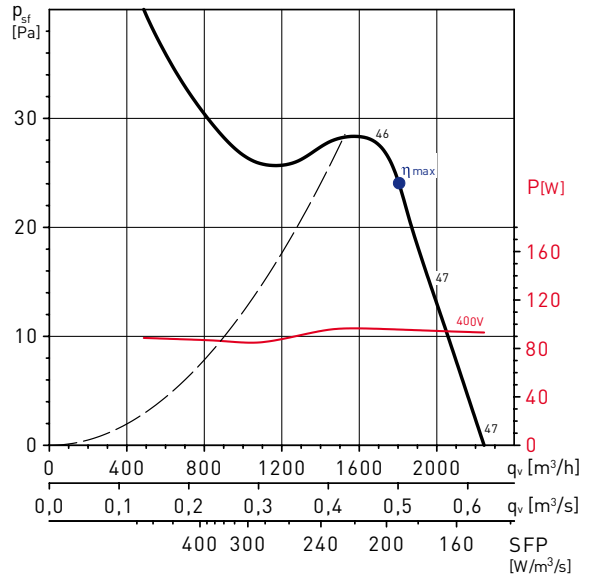
TCBB/6-710/L



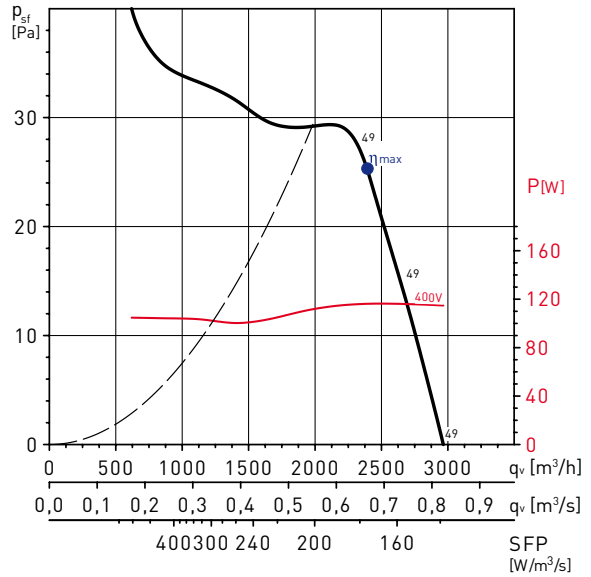
MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	44,0	50,0	1,143	13.727	131	889

* See example curve.

TCBT/6-355/H

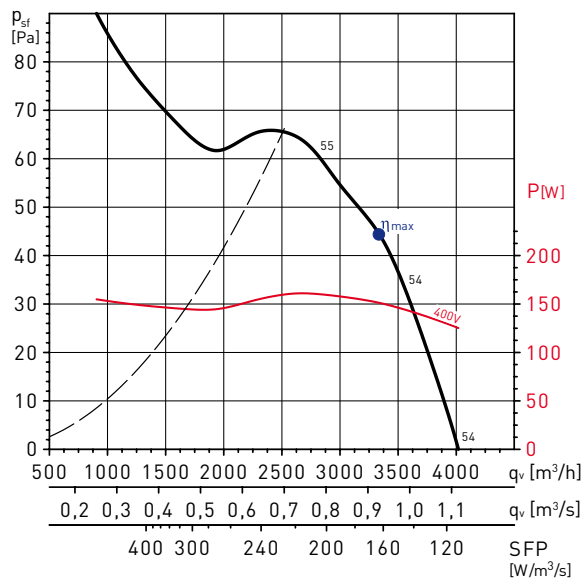


TCBT/6-400/H



PERFORMANCE CURVES - 6 POLE MOTORS

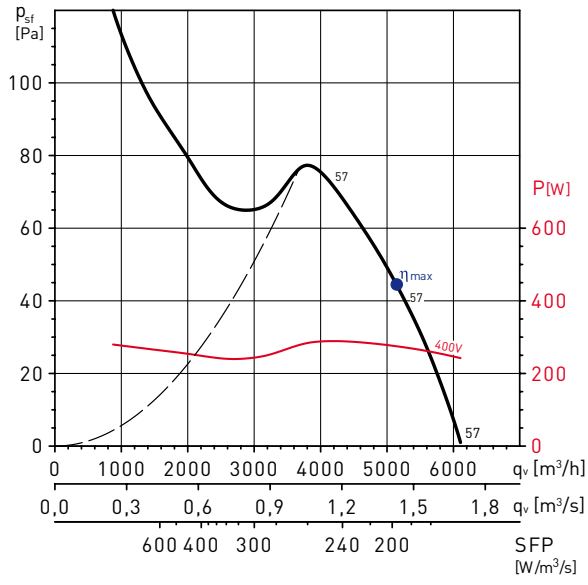
TCBT/6-450/H



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	40,0	51,5	0,151	3.341	65	919

* See example curve.

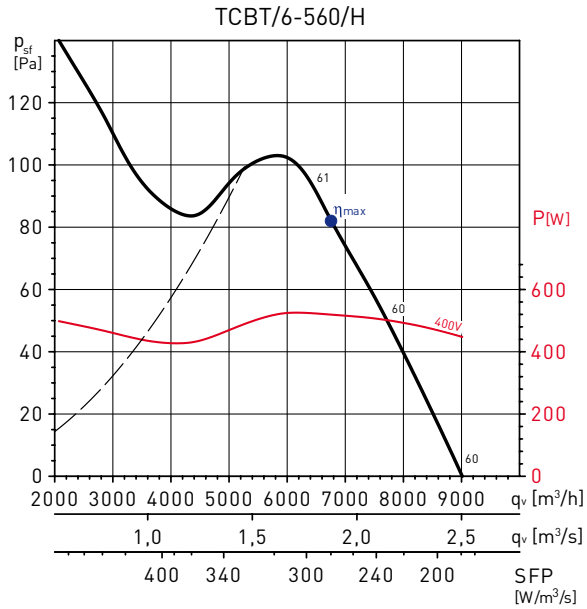
TCBT/6-500/H



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	40,1	50,0	0,275	5.153	77	898

* See example curve.

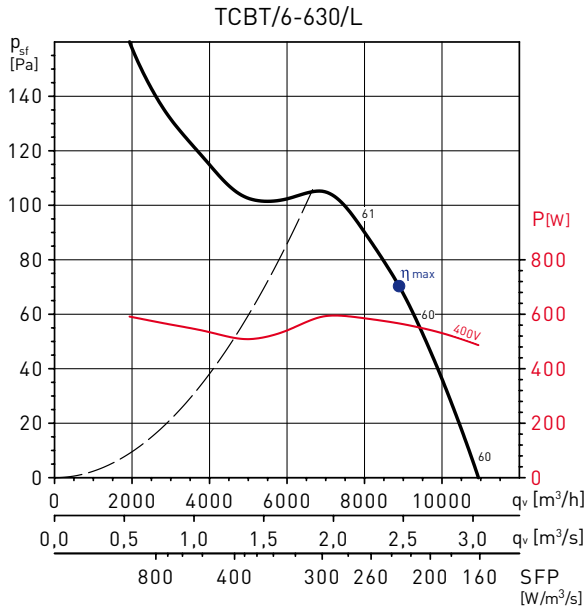
TCBT/6-560/H



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	42,4	50,5	0,519	6.760	117	918

* See example curve.

TCBT/6-630/L

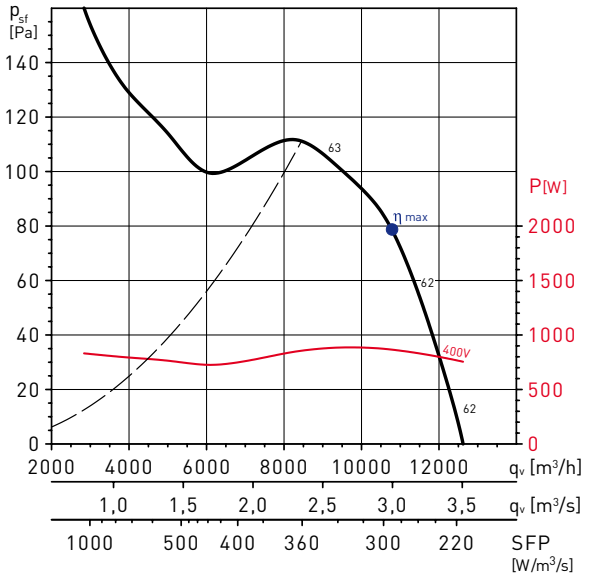


MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	47,6	55,5	0,566	8.898	109	895

* See example curve.

PERFORMANCE CURVES - 6 POLE MOTORS

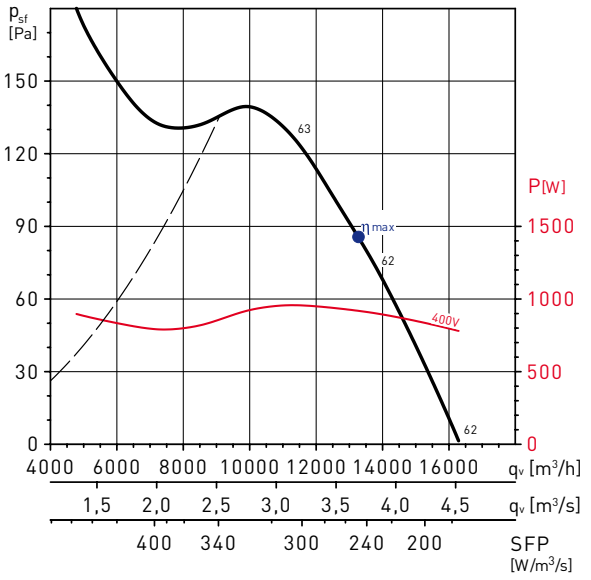
TCBT/6-630/H



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	46,7	53,4	0,866	10.791	134	954

* See example curve.

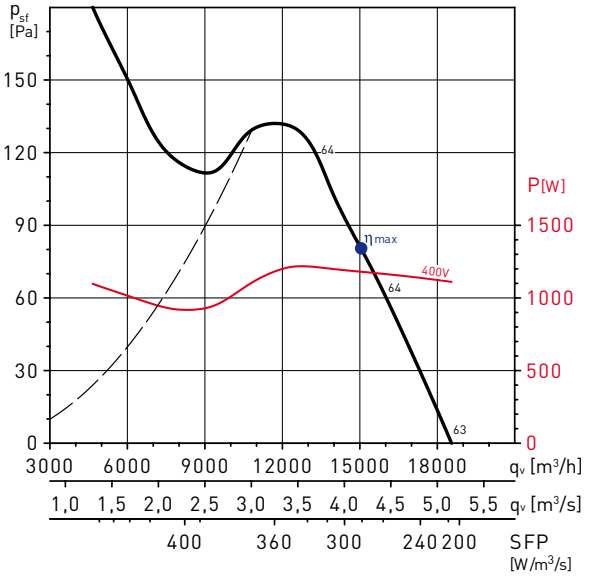
TCBT/6-710/L



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	55,5	62,1	0,919	13.274	138	915

* See example curve.

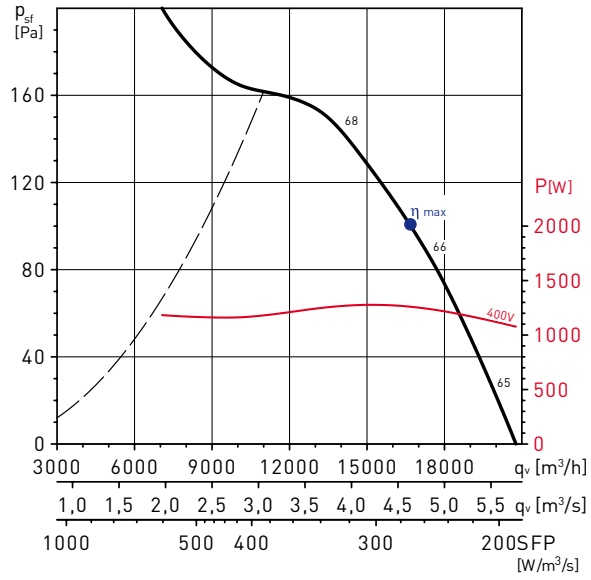
TCBT/6-710/H



MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	52,5	58,4	1,180	15.054	148	902

* See example curve.

TCBT/6-800/L

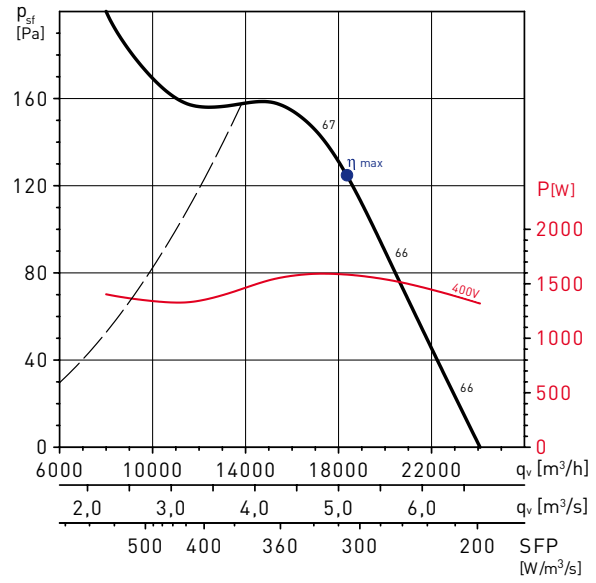


MC*	EC*	VSD*	SR*	η[%]*	N*	[kW]	[m³/h]	[Pa]	[RPM]
D	Total	No	1	56,0	61,7	1,260	16.668	152	955

* See example curve.

PERFORMANCE CURVES - 6 POLE MOTORS

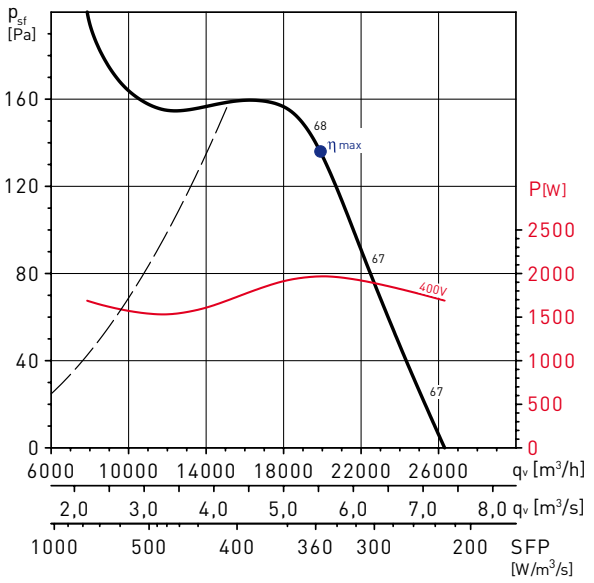
TCBT/6-800/K



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.

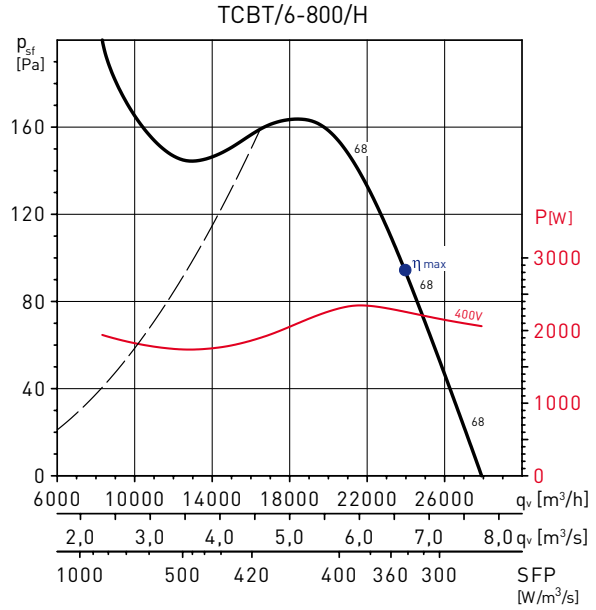
TCBT/6-800/G



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.

TCBT/6-800/H



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.