



Fiberglaslı plastik pervanelerle donatılmış, monofaze motor (HCFB) veya trifaze motor (HCFT), IP65 (1), F Sınıfı yalıtım (2), termal koruma (3) ile donatılmış ince tasarım plakaya monte aksiyel fanlar serisi.

(1) Ø 800, 900 ve 1000 modelleri IP55'tir.

(2) -40°C'den +70°C'ye kadar çalışma sıcaklıkları. +55°C'ye kadar uygun 4-710 modelleri ve -20°C'den +40°C'ye kadar ortamlarda kullanıma uygun Ø 800 - 1000 modelleri hariç.

(3) 800 - 1000 arası modeller hariç.

Motorlar

Modele bağlı olarak 2, 4 veya 6 kutuplu monofaze veya trifaze motorlar mevcuttur.

2 kutuplu ve /4-630, 710, T/800, T/900 ve T/1000 dışındaki tüm motorlar ototransformatör ile hız kontrollüdür. Trifaze modeller invertör ile hız kontrollüdür.

Elektrik beslemeleri:

Monofaze 220-240V-50Hz. (Kablo terminal kutusunun içinde bulunan kondansatör).

Trifaze 220-240/380-415V-50Hz veya 380-415V-50Hz.

(Özellik tablosuna bakın).



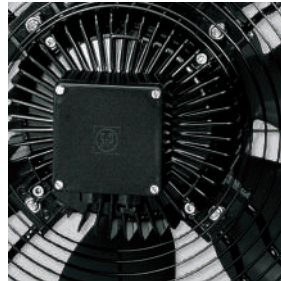
Kompakt tasarım

Motor ve pervane kombinasyonu ile oluşturulan kompakt tasarım.



Korozyon direnci

Kataforez astar ve siyah polyester boya ile korunan montaj plakası, motor desteği ve parmak korumalı koruma. Paslanmaz çelik vidalar.



Terminal kutusu

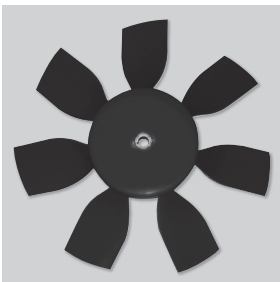
PG-11 kablo rakorlu kablolarla terminal kutusu.

Ek bilgiler

Standart hava yönü: form (A) konfigürasyonu. (Motordan kanada).

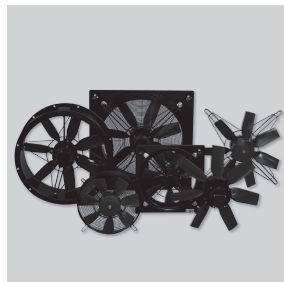
İstek üzerine

Ø 800 ile 1000 arası modeller için giriş parmak korumalı koruma.



Dinamik olarak dengeli Pervane

Pervaneler, ISO 1940 standardına göre dinamik olarak dengelenerek titreşimsiz çalışma sağlar.



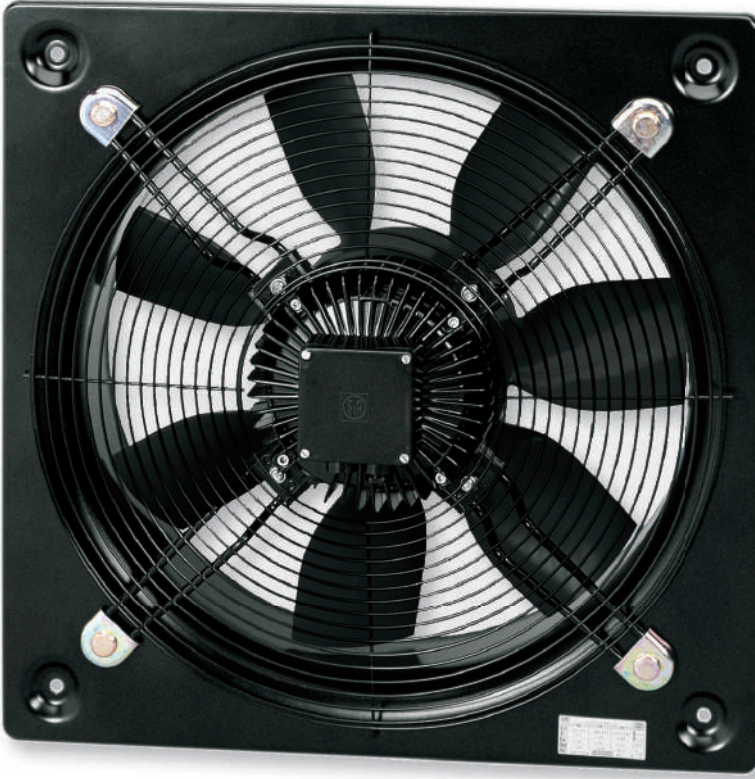
Üretim varyasyonları

Kurulum türüne ve kullanım koşullarına bağlı olarak birden fazla üretim varyasyonu.



Ø 800 - 1000 arası modeller için konfigürasyon

IP55 kompaktlık ve sızdırmazlık sağlayan pervane üzerindeki motorun özel tasarımı.



KORUMA

Özel uygulamalar



Versiyonlar

Alüminyum pervaneler ve monofaze (HCBB) veya trifaze motor (HCBT), IP65 (1), F Sınıfı yalıtım (2), termal koruma (3) ile donatılmış, ince tasarım plakaya monte aksiyel fanlar serisi.

- (1) Model 800, 900 ve 1000 IP55'tir.
- (2) -40°C'den +70°C'ye kadar çalışma sıcaklıkları. +55°C'ye kadar uygun 4-710 modelleri ve -20°C'den +40°C'ye kadar ortamlarda kullanıma uygun Ø 800, 900 ve 1000 modelleri hariç.
- (3) Ø 800 ile 1000 arası modeller hariç.

Motorlar

Modele bağlı olarak 4 veya 6 kutuplu monofaze veya trifaze motorlar mevcuttur. /4-630, B/710, T/4-710, T/800, T/900 ve T/1000 modelleri hariç tüm motorların hızı ototransformatör ile kontrol edilebilir. Trifaze modeller invertör ile hız kontrollüdür. Elektrik beslemeleri:

Monofaze 220-240V-50Hz. (Kablo terminal kutusunun içinde bulunan kondansatör). Trifaze 220-240/380-415V-50Hz veya 380-415V-50Hz. (Özellik tablosuna bakın).

Ek bilgiler

Standart hava yönü: form (A) konfigürasyonu. (Motordan kanada).

İstek üzerine

Ø 800 ile 1000 arası modeller için giriş parmak korumalı koruma.



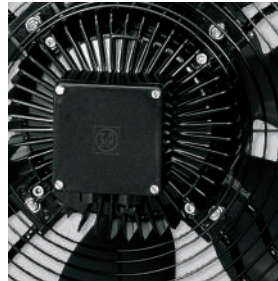
Kompakt tasarım

Motor ve pervane kombinasyonu ile oluşturulan kompakt tasarım.



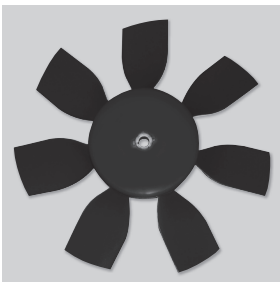
Korozyon direnci

Kataforez astar ve siyah polyester boya ile korunan montaj plakası, motor desteği ve parmak korumalı koruma. Paslanmaz çelik vidalar.



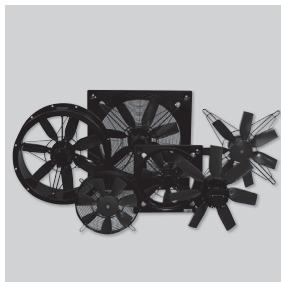
Terminal kutusu

PG-11 kablo rakorlu kablolarla terminal kutusu.



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Üretim varyasyonları

Kurulum türüne ve kullanım koşullarına bağlı olarak birden fazla üretim varyasyonu.



Ø 800 - 1000 arası modeller için konfigürasyon

IP55 kompaktlık ve sızdırmazlık sağlayan pervane üzerindeki motorun özel tasarımı.

HCBT ATEX Versiyonları

Talep üzerine trifaze modeller için ATEX Direktifine uygun patlamaya dayanıklı versiyonlar.

- Motorlar IP55, Sınıf F
- ATEX Alev Geçirmez - Gaz
- Standart ATEX versiyonunda aleve dayanıklı motorlar termal korumasızdır.
- Frekans invertörü ile kullanılması halinde, PTC tipi termik korumaya sahip aleve dayanıklı motorlar siparişte belirtilmelidir.
- 800 ile 1000 mm arası modeller için
- Ex II 2G Ex d IIB T4
- Ex II 2G Ex d IIB+H2 T4 (Ex d IIC T4 ile)
- ATEX Artırılmış güvenlik - Gaz
- HCBT/ 4-250, HCBT/ 6-355 modelleri hariç, HCBT/ 6-400
- 230/400 V motorlu HCBT/ 6-400 modeli mevcuttur
- HCBT-1000'e uygun modeller
- Ex II 2G Ex e II T3
- ATEX Tozu

Standart ATEX versiyonunda, toza yönelik ATEX motorlarında termal koruma yoktur. Frekans invertörüyle birlikte kullanıldığında, toz için PTC tipi termal korumaya sahip ATEX motorları siparişte belirtilmelidir. 800 ile 1000 mm arası modeller için Asılı yanıcı parçacıklar ve iletken olmayan tozlar: Ex II 3D Ex tc IIIB T125°C

İletken toz: Ex II 3D Ex tc IIIC T125°C (IP65 motorlu) ATEX versiyonları için çalışma sıcaklıkları: -20°C ile +55°C HCBT/4-315 ile HCBT/4-710 modelleri HCBT/6-450 ile HCBT 6-710 modelleri -20°C ile +40°C model HCBT/4-800 ile 1000 model HCBT/6-800 ile 1000 HCBT ATEX'i seçmek için Easyvent'e bakın. ATEX motorları için elektrik verilerinin değişebileceğini unutmayın.

TEKNİK ÖZELLİKLER (PLASTİK KANATLI)

Herhangi bir elektrik bağlantısı yapmadan önce, şebeke elektrik kaynağının voltajının ve frekansının, fan veri plakası etiketinde belirtilen voltaj ve frekansla eşleştiğinden emin olun.

Model	Hız (r.p.m.)	Ölçü (mm)	Maks. çekilen güç (W)	Maksimum akım (A)		Ses basıncı sev.* {dB(A)}	Maks. hava akışı (m³/h)	Ağırlık (kg)	Hız kontrolü		İnvertör kontrolü	
				230 V	400 V				REB	RMT**	VFTM**	VFKB**
MONOFAZE 2 KUTUP												
HCGB/2-315/I	2690	315	336	1,5	–	63	3.150	7	–	–	–	–
HCGB/2-355/I	2730	355	392	1,7	–	68	3.550	8	–	–	–	–
MONOFAZE 4 KUTUP												
HCFB/4-250/H	1380	250	77	0,3	–	49	1.090	5	REB-1	–	–	–
HCFB/4-315/H	1340	315	125	0,6	–	55	2.220	7	REB-1	–	–	–
HCFB/4-355/H	1415	355	168	0,7	–	59	3.470	8	REB-2,5	–	–	–
HCFB/4-400/H	1420	400	271	1,2	–	62	4.920	9	REB-2,5	–	–	–
HCFB/4-450/H	1380	450	471	2,0	–	65	6.830	13	REB-2,5	–	–	–
HCFB/4-500/H	1400	500	671	2,9	–	68	9.140	16	REB-5	–	–	–
HCFB/4-560/H	1410	560	1102	4,7	–	70	12.980	22	–	–	–	–
HCFB/4-630/H	1380	630	1573	7,1	–	73	17.230	25	–	–	–	–
MONOFAZE 6												

* Ses basıncı seviyesi, serbest alan koşullarında, pervane çapının üç katına eşit mesafeden minimum 1,5 metre mesafede ölçülmüştür.

** TRİFAZE hız kontrol cihazları (RMT) veya invertör kontrolü (VFKB/VFTM): TRİFAZE 400V.

TEKNİK ÖZELLİKLER (ALÜMİNYUM KANATLI)

Montajdan önce, ürün etiketinde belirtilen elektrik voltaj ve frekans değerlerinin elektrik ana besleme değerlerine uygunluğunu doğrulayınız.

Model	Hız (r.p.m.)	Ölçü (mm)	Maks. çekilen güç (W)	Maksimum akım (A)		Ses basınç sev.* (dB(A))	Maks. hava akışı (m³/h)	Ağırlık (kg)	Hız kontrolü		İnvertör kontrolü	
				230 V	400 V				REB	RMT**	VFTM**	VFKB**
MONOFAZE 4 KUTUP												
HCBB/4-250/H	1325	250	84	0,4	–	49	1.130	5	REB-1	–	–	–
HCBB/4-315/H	1235	315	124	0,7	–	55	2.220	7	REB-1	–	–	–
HCBB/4-355/H	1385	355	193	0,9	–	59	3.590	8	REB-2,5	–	–	–
HCBB/4-400/H	1360	400	315	1,5	–	62	4.830	9	REB-2,5	–	–	–
HCBB/4-450/H	1410	450	626	2,8	–	65	7.180	13	REB-5	–	–	–
HCBB/4-500/H	1370	500	762	3,3	–	68	8.850	16	REB-5	–	–	–
HCBB/4-560/H	1390	560	1433	6,5	–	70	13.400	22	REB-10	–	–	–
HCBB/4-630/H	1360	630	1879	8,3	–	71	16.720	25	–	–	–	–
MONOFAZE 6 KUTUP												
HCBB/6-355/H	900	355	84	0,4	–	48	2.230	8	REB-1	–	–	–
HCBB/6-400/H	845	400	112	0,5	–	51	3.010	9	REB-1	–	–	–
HCBB/6-450/H	935	450	191	0,8	–	54	4.400	13	REB-2,5	–	–	–
HCBB/6-500/H	915	500	244	1,1	–	57	5.620	16	REB-2,5	–	–	–
HCBB/6-560/H	930	560	449	1,9	–	59	8.950	22	REB-2,5	–	–	–
HCBB/6-630/H	915	630	588	2,9	–	62	10.950	25	REB-5	–	–	–
TRİFAZE 4 KUTUP												
HCBT/4-250/H	1330	250	81	0,3	0,2	49	1.120	5	–	RMT-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-315/H	1330	315	125	0,5	0,3	55	2.380	7	–	RMT-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-355/H	1380	355	181	0,8	0,5	59	3.530	8	–	RMT-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-400/H	1340	400	283	1,2	0,7	62	5.020	9	–	RMT-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-450/H	1350	450	547	1,7	1,0	65	6.800	13	–	RMT-1,5	VFTM-Tri 0,37	

* Ses basıncı seviyesi, serbest alan koşullarında, pervane çapının üç katına eşit mesafeden minimum 1,5 metre mesafede ölçülmüştür.

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DUVAR TİPİ AKSİYEL FANLAR HCFB / HCFT - HCBB / HCBT Serisi



REFERANS

H	C	F	T	/	4	-	4	0	0	/	H	A					8	9
1	2	3	4		5		6				7							

- 1 - H:** Duvar tipi aksiyel fan.
2 - C: Seri tanımı.
3 - Kanat tipi
F: Ø 250-Ø 630 Sabit kanatlı plastik pervane.
Ø 710 - Ø 1000 Alüminyum pervane göbeği + ayarlanabilir plastik bıçaklı pervaneler
G: Ayarlanabilir plastik kanatlar.
B: Ø 250-Ø 400 Sabit alüminyum kanat. Ø 450 - Ø 1000 ayarlanabilir alüminyum kanat.
4 - Elektrik beslemesi:
B: MONOFAZE.
T: TRİFAZE.
5 - Kutup Sayısı:
2: (Yaklaşık 2900 rpm - 50 Hz)
4: (Yaklaşık 1400 rpm - 50 Hz)
6: (Yaklaşık 900 rpm - 50 Hz)
6 - Nominal kanat çapı (mm).
7 - Kanat açısı.
H: Yüksek.
L, L: Düşük.
8 - Hava akış yönü:
A: Motordan kanada.
9 - Yapı özellikleri:
X: Tel kafes olmayan motor desteği.
L: Hava koşullarına dayanıklı.
C: Motor yoğunlaşma tahliye deliği
EX: TRİFAZE modellerinin ATEX direktifine uygun patlamaya dayanıklı versiyonları:
-EXE: Arttırılmış güvenlik II2G EExIIIT3
-EXD: Patlama korumalı, sadece 800 ve 1000 modeli için ve 1000 II2G EExdIIBT5 ya da EExdIICT4
G: Tarımsal uygulamalar için özel korozyon işlemi.
TF: Antikorozif teflon boya kaplamalı.

BESLEME GERİLİMLERİ VE FREKANSLARI



Şebeke besleme gerilimi	Motor tipi	Bağlantı	Hız
MONOFAZE 220V 50Hz, 240V 50Hz	230V 50Hz	See wiring diagram	Yüksek
TRİFAZE 220V 50Hz 240V 50Hz	230/400V 50Hz	△	Yüksek
		Y	Düşük*
TRİFAZE 380V 50Hz 415V 50Hz	230/400V 50Hz	Y	Yüksek
	400V 50Hz	△	Yüksek
		Y	Düşük*

* 450'den 630 mm çapa kadar ölçüler.

ACOUSTİK ÖZELLİKLER

Teknik özellik tablosunda ve performans eğrilerinde gösterilen ses seviyeleri, serbest alan koşullarında minimum 1,5 metre pervane çapının üç katına eşit mesafede ölçülen ses basıncı dB(A) değerine karşılık gelmektedir.

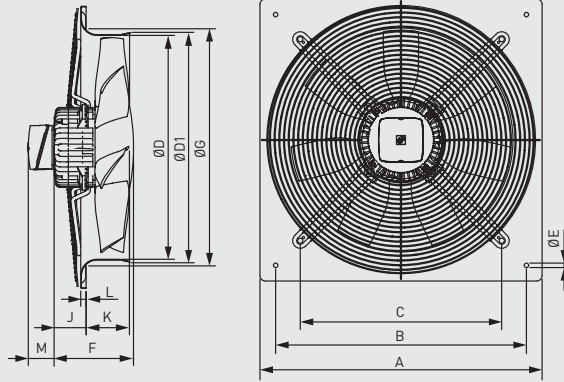
Hz cinsinden karşılık gelen frekans bandında ve maksimum akış noktasında dB(A) cinsinden ses gücü seviyesi spektrumu.

Model	63	125	250	500	1000	2000	4000	8000	LwA
HCGB/2-315	50	61	68	70	72	69	64	58	77
HCGT/2-315	55	66	73	75	77	74	69	63	82
HCGB/2-355	55	66	73	75	77	74	69	63	82
HCGT/2-355	55	70	69	77	82	78	73	66	85

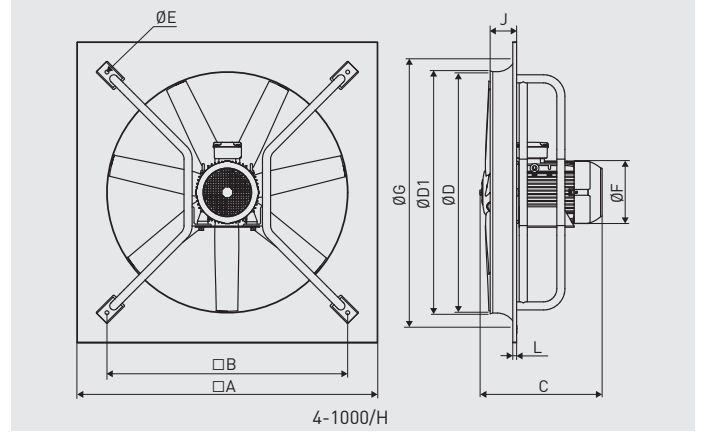
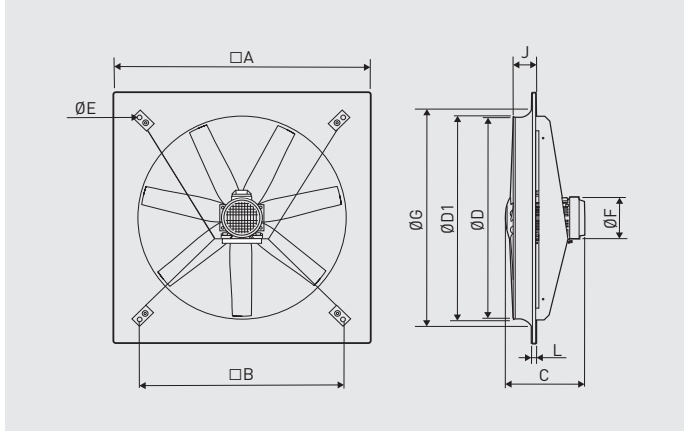
Model	63	125	250	500	1000	2000	4000	8000	LwA
/4-250/H	31	45	52	57	58	57	52	44	63
/4-315/H	42	53	60	62	64	61	56	50	69
/4-355/H	43	58	57	65	70	66	61	54	73
/4-400/H	48	61	62	68	73	69	66	57	76
/4-450/H	46	65	62	68	75	74	69	62	79
/4-500/H	49	68	68	74	78	76	72	65	82
/4-560/H	57	70	74	78	80	78	74	67	85
/4-630/H	57	72	76	81	85	82	79	72	89
/4-710/H	58	75	83	85	87	85	81	72	92
/4-800/L	58	77	87	93	93	89	83	76	97
/4-800/H	64	83	93	99	99	95	89	82	103
/4-900/L	59	81	91	97	98	94	88	80	102
/4-900/H	64	86	96	102	103	99	93	85	107
/4-1000/L	62	85	95	101	102	98	93	84	106
/4-1000/H	69	92	102	107	109	105	100	90	113

Model	63	125	250	500	1000	2000	4000	8000	LwA
/6-315/H	32	43	50	52	54	51	46	40	59
/6-355/H	32	47	46	54	59	55	50	43	62
/6-400/H	37	50	51	57	62	58	55	46	65
/6-450/H	35	54	51	57	64	63	58	51	68
/6-500/H	38	57	57	63	67	65	61	54	71
/6-560/H	46	59	63	67	69	67	63	56	74
/6-630/H	46	61	65	70	74	71	68	61	78
/6-710/H	49	66	74	76	78	76	72	63	83
/6-800/L	52	71	81	87	87	83	77	70	91
/6-800/H	54	73	83	89	89	85	79	72	93
/6-900/L	51	73	83	89	90	86	80	72	94
/6-900/H	55	77	87	93	94	90	84	76	98
/6-1000/L	56	78	89	94	96	92	86	77	100
/6-1000/H	60	83	93	99	100	96	91	82	104

ÖLÇÜLER (mm)

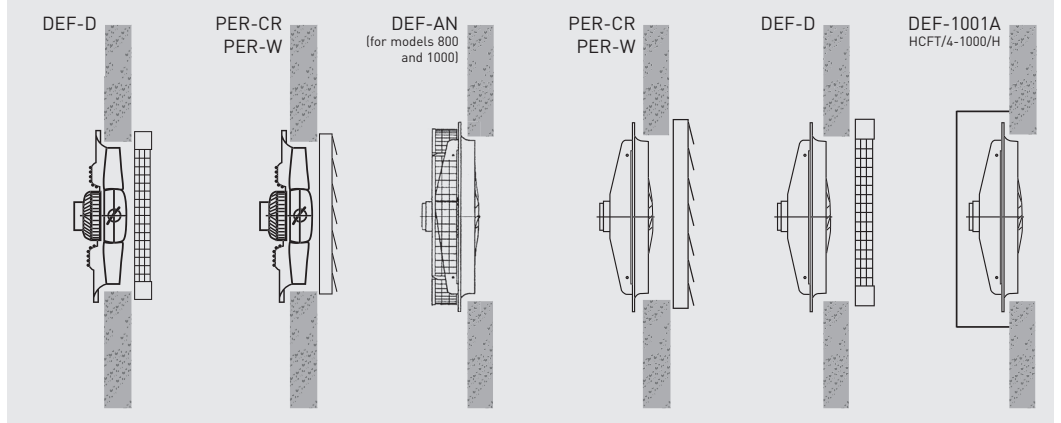


Model				Ø D	Ø D1	Ø E	F			Ø G	J			K	L	M	
	A	B	C				Kutup Sayısı				Kutup Sayısı					TRİFAZE	MONOFAZE
							/2	/4	/6		/2	/4	/6				
250	315	260	220	254	261	10		122		294		59		53	12	60	65
315	400	330	280	315	320	10	129	122	122	329	45	32	32	68	12	60	65
355	450	380	315	355	363	10	129	129	129	371	45	45	45	75	12	60	65
400	500	420	355	400	410	10		129	129	422		40,5	40,5	78	12	60	65
450	560	480	400	450	457	10		150	150	476		48	48	91	12	60	65
500	630	560	450	500	512	10		150	150	536		44,5	44,5	97	12	60	65
560	710	630	510	560	570	10		218,5	150	596		110,5	42	98,5	12	60	65
630	800	710	580	630	640	12		218,5	150	674		110,5	41	103	12	60	65
710	900	800	636	710	720	12		220	218,5	733		114	134	91,5	16,5	60	65



Model	A	B	Ø D	Ø D1	Ø E	J	Ø G	C				Ø F			
								/4		/6		/4		/6	
								L	H	L	H	L	H	L	H
800	1000	800	800	810	18	92	926	363	442	318	363	180	200	160	180
900	1120	900	900	910	18	120	1060	442	512	400	400	200	280	200	200
1000	1250	1000	1000	1010	18	110	1154	442	-	345	400	200	-	200	200
4-1000/H	1250	1000	1000	1010	16	110	1154	-	512	-	-	-	280	-	-

MONTAJ AKSESUARLARI



Model HCFTB/HCFT HCBB/HCBT	Tel Kafes		Egzoz panjurları		
	Emiş	Atış	Plastik	Aluminyum	ATEX versiyonu*
250	DEF-250 D	-	PER-250 W	PER-250 CR	PER-315 Ex
315	DEF-325 D	-	PER-355 W	PER-355 CR	PER-315 Ex
355	DEF-375 D	-	PER-355 W	PER-355 CR	PER-355 Ex
400	DEF-450 D	-	PER-400 W	PER-400 CR	PER-400 Ex
450	DEF-450 D	-	PER-450 W	PER-450 CR	PER-450 Ex
500	DEF-525 D	-	PER-500 W	PER-500 CR	PER-500 Ex
560	DEF-630 D	-	PER-560 W	PER-630 CR	PER-560 Ex
630	DEF-630 D	-	PER-630 W	PER-630 CR	PER-630 Ex
710	DEF-800 D	-	PER-710 W	PER-710 CR	PER-710 Ex
800	DEF-800 D	DEF-800 AN	PER-800 W	PER-800 CR	-
/4-900/H	DEF-1000 D	DEF-900 AN	PER-1000 W	PER-1000 CR	-
/4-900/L	DEF-1000 D	DEF-901 AN	PER-1000 W	PER-1000 CR	-
/6-900	DEF-1000 D	DEF-901 AN	PER-1000 W	PER-1000 CR	-
1000	DEF-1000 D	DEF-1000 AN	PER-1000 W	PER-1000 CR	-
/4-1000 / H	DEF-1000 D	DEF-1001 AN	PER-1000 W	PER-1000 CR	-

* TRİFAZE hız kontrol cihazları (RMT) veya invertör kontrolü (VFKB/VFTM): TRİFAZE 400V.

ELECTRİK AKSESUARLARI



REB-1N / REB-2,5N
Monofaze elektronik
hız anahtarları.



REB-5
REB-10
Monofaze
elektronik
hız anahtarı.



RMT
Trifaze 400V
trafolu hız
anahtarları.



COM D/S
Trifaze fanları 400V
motora bağlamak
için. TRİFAZE
modelleri için.



VFTM TRI IP54
0,37kW ve 15kW
arası motorlar için
400V. trifaze frekans
değiştirici.



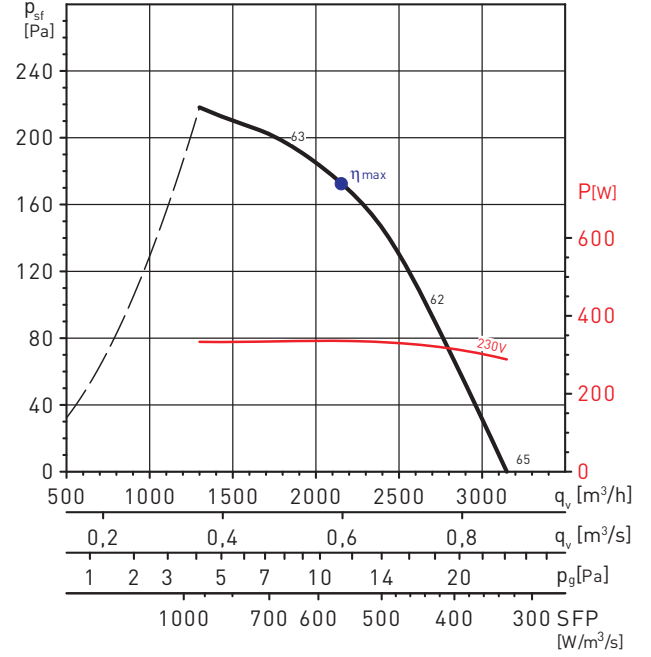
VFKB IP65
Trifaze 400V.
motorlar için
frekans
değiştirici.

PERFORMANS EĞRİLERİ - 2 KUTUPLU MOTORLAR

- q_v : Hava debisi m^3/h ve m^3/s .
- p_{st} : Statik basınç Pa.
- p_g : Koruma kafesi basınç kaybı Pa.
- SFP: Özgül fan gücü $W/m^3/s$.
- P: Giriş gücü W.
- Ölçüm kategorisi: A.
- Verim kategorisi: Statik.
- Hız kontrolü olmaksızın fan verimi.
- Koruma kafesi olmadan yapılan fan testi.
- ISO 5801 standardına uygun hava debisi verileri.
- Ses basınç seviyeleri dB(A) serbest alan koşullarında, en az 1,5m olmak üzere fan çapının üç katı uzaklıkta ölçülmüştür

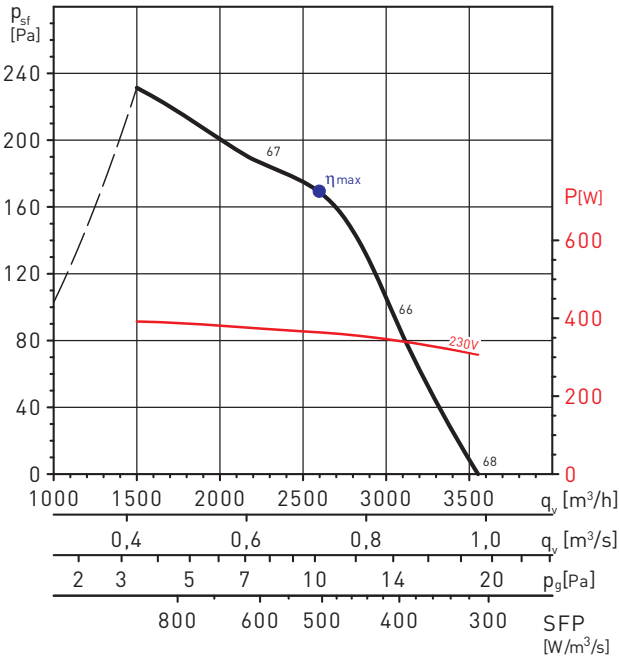
MC	Ölçüm kategorisi
EC	Verim kategorisi
VSD	Hız kontrolü: fanla birlikte verilen
SR	Özgül oran
η [%]	Toplam verim
N	Verim basamağı
[kW]	Çekilen güç
[m^3/h]	Hava debisi
[Pa]	Statik basınç
[RPM]	Devir sayısı

HCGB/2-315/L



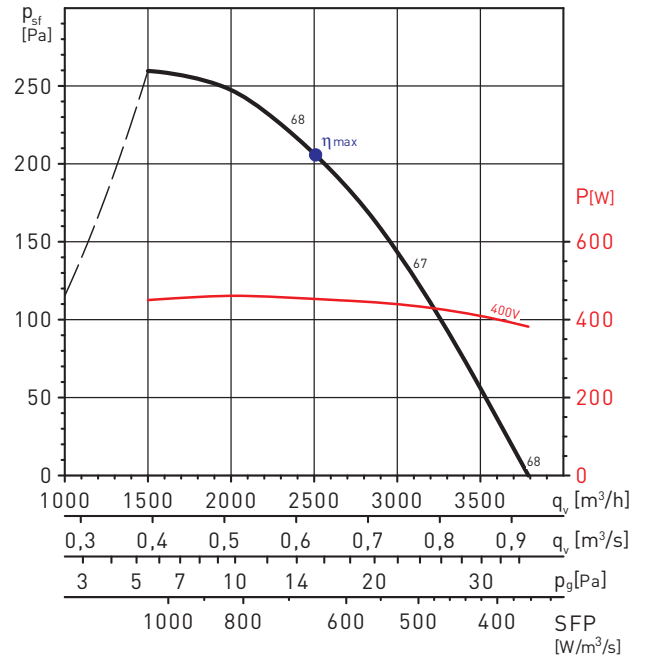
MC	EC	VSD	SR	η [%]	N	[kW]	[m^3/h]	[Pa]	[RPM]
A	Statik	No	1	30,8	40,1	0,336	2106	177	2597

HCGB/2-355/J



MC	EC	VSD	SR	η [%]	N	[kW]	[m^3/h]	[Pa]	[RPM]
A	Statik	No	1	33,8	42,9	0,364	2597	169	2590

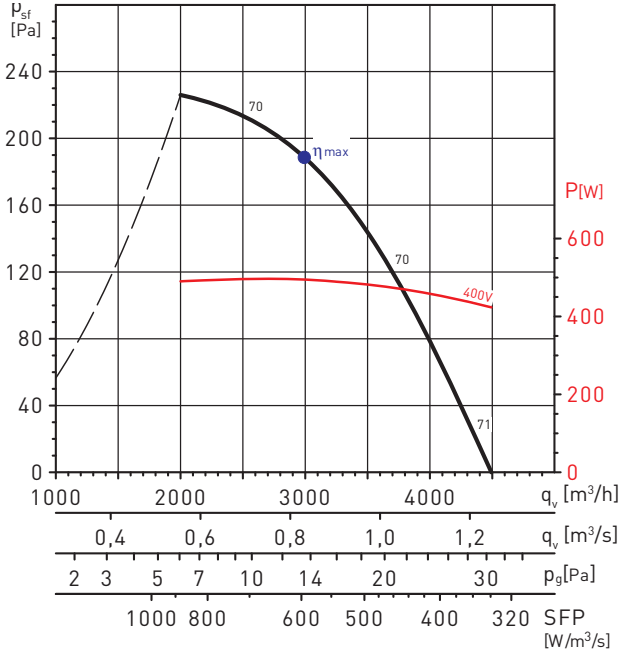
HCGB/2-315/L



MC	EC	VSD	SR	η [%]	N	[kW]	[m^3/h]	[Pa]	[RPM]
A	Statik	No	1	31,7	40,2	0,455	2440	212	2543

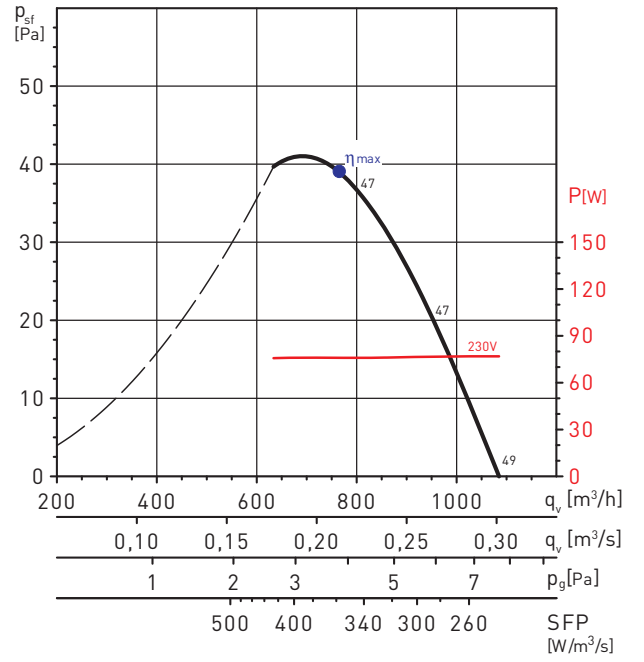
PERFORMANS EĞRİLERİ - 2 and 4 KUTUPLU MOTORLAR

HCGT/2-355/I

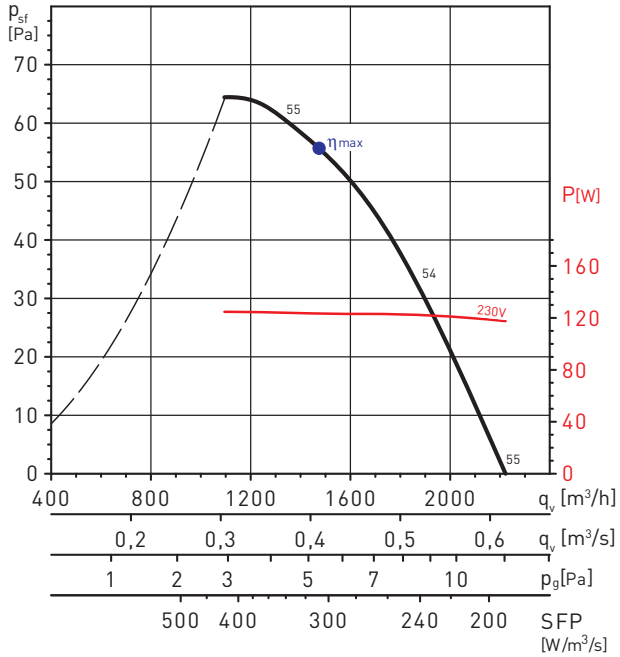


MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	31,7	40,0	0,495	2997	188	2454

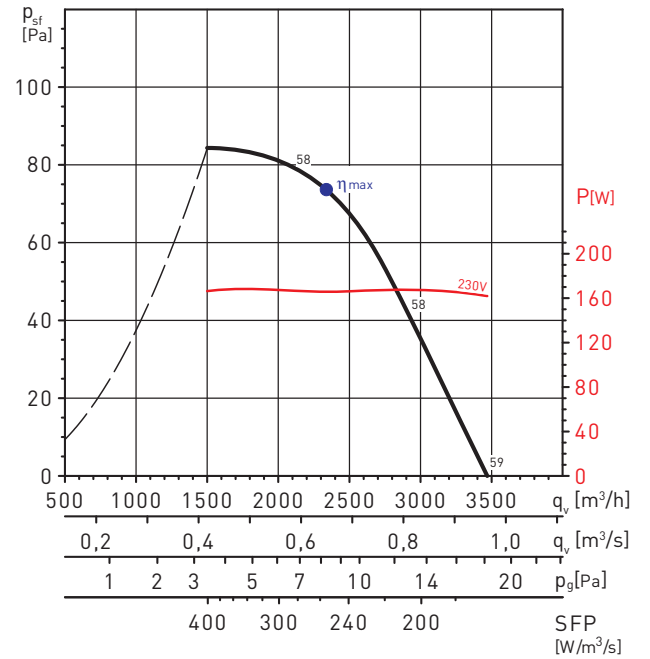
HCFB/4-250/H



HCFB/4-315/H



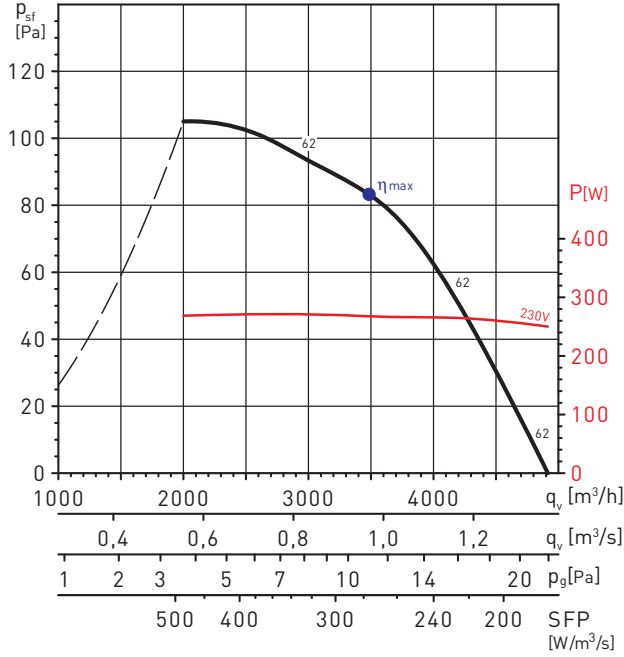
HCFB/4-355/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	28,8	40,1	0,166	2339	74	1406

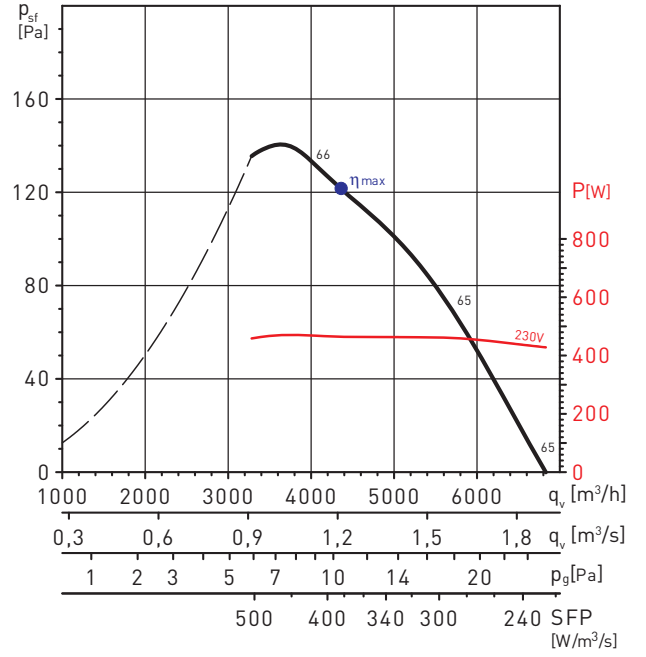
PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

HCFB/4-400/H



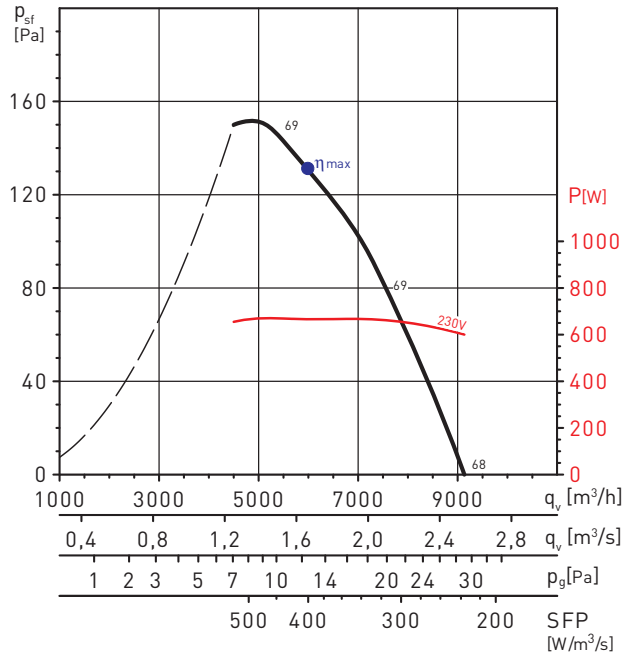
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	30,1	40,0	0,268	3488	83	1411

HCFB/4-450/H



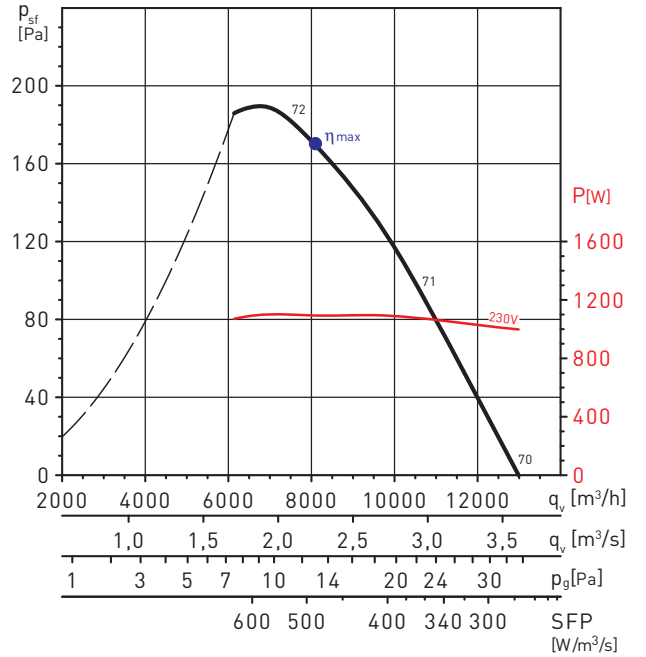
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	31,7	40,1	0,466	4214	126	1351

HCFB/4-500/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	32,8	40,2	0,667	5735	137	1351

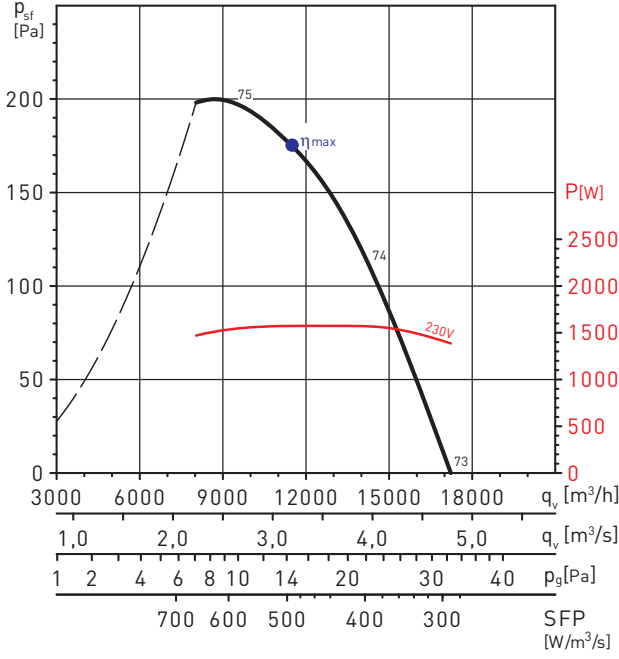
HCFB/4-560/H



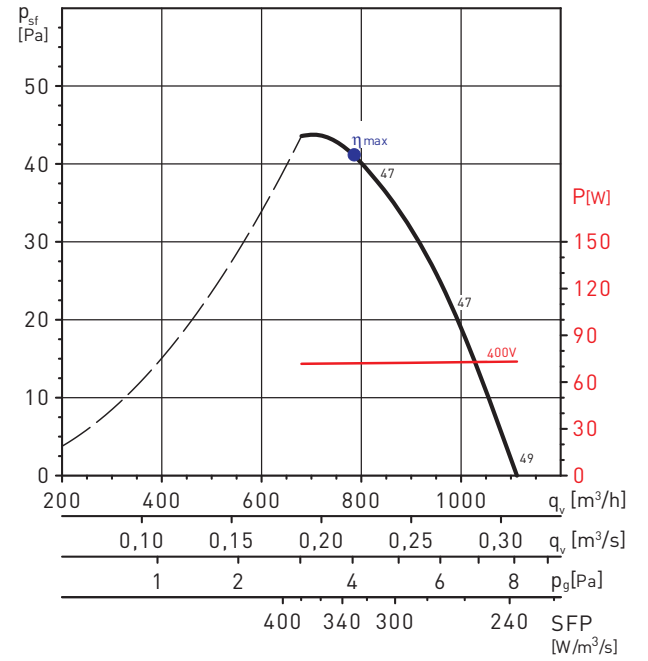
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	34,9	41,0	1,093	8081	170	1386

PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

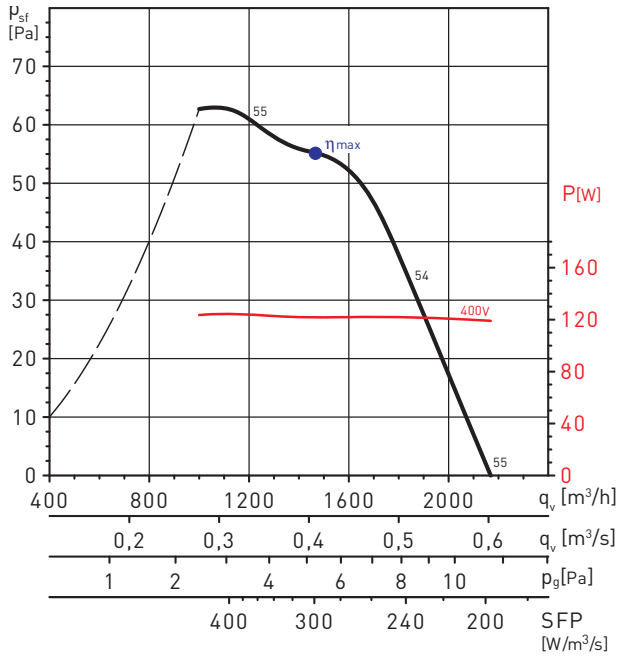
HCFB/4-630/H



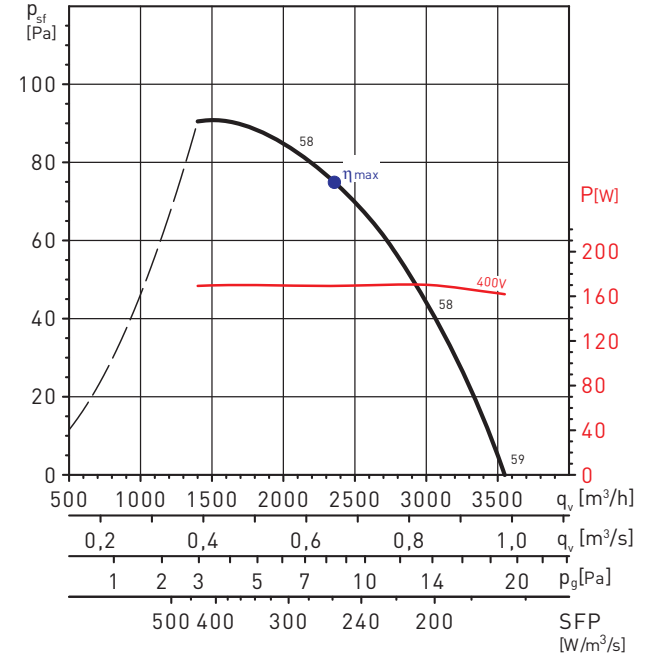
HCFT/4-250/H



HCFT/4-315/H



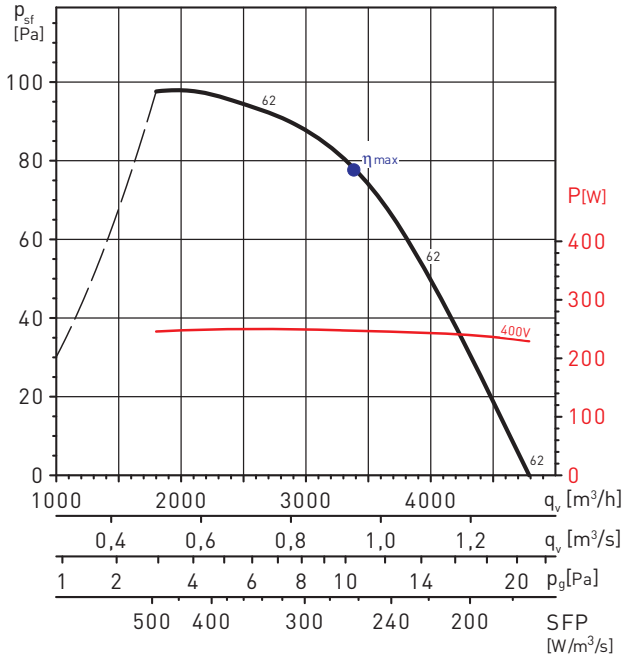
HCFT/4-355/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,0	40,2	0,169	2331	76	1379

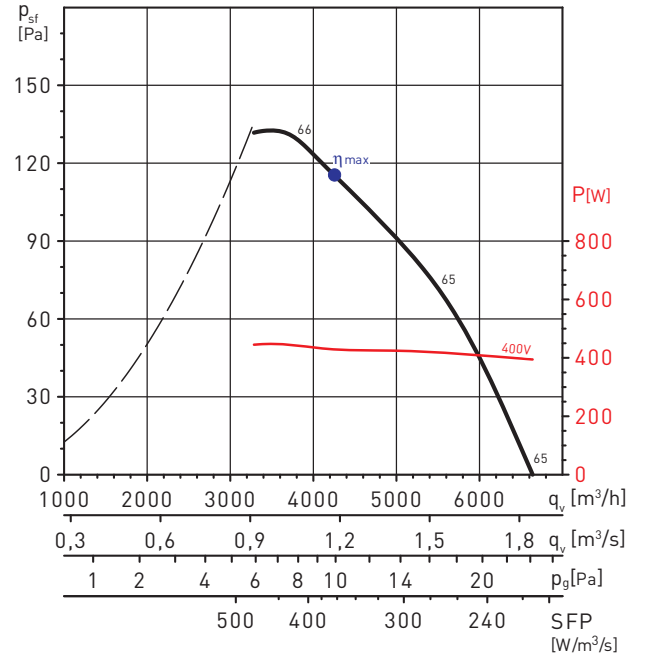
PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

HCFT/4-400/H



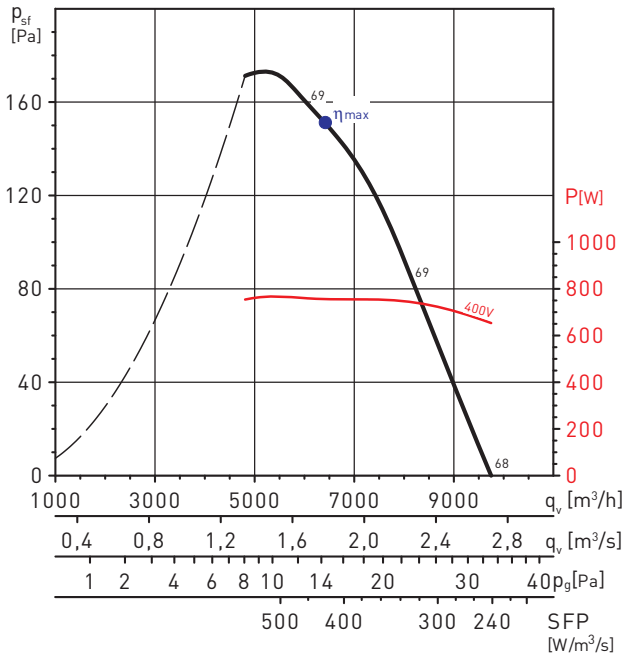
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,8	40,0	0,248	3257	82	1354

HCFT/4-450/H



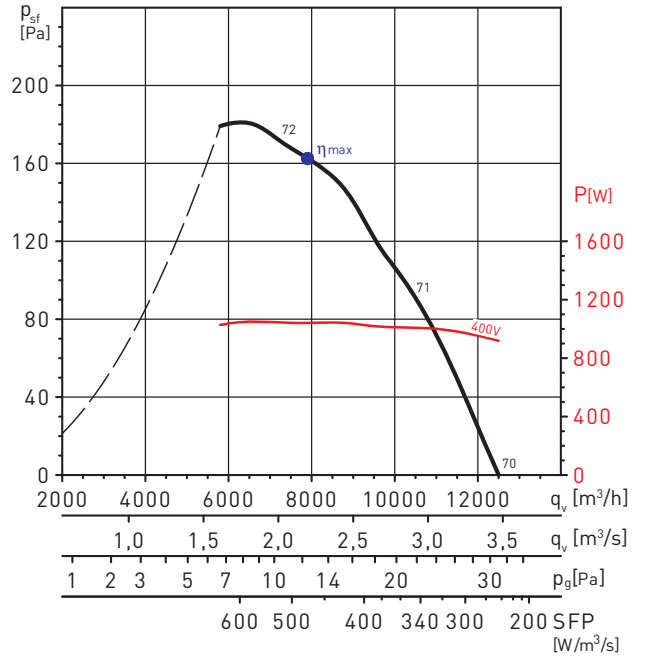
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	31,8	40,5	0,429	4261	115	1351

HCFT/4-500/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	35,7	42,8	0,756	6476	150	1449

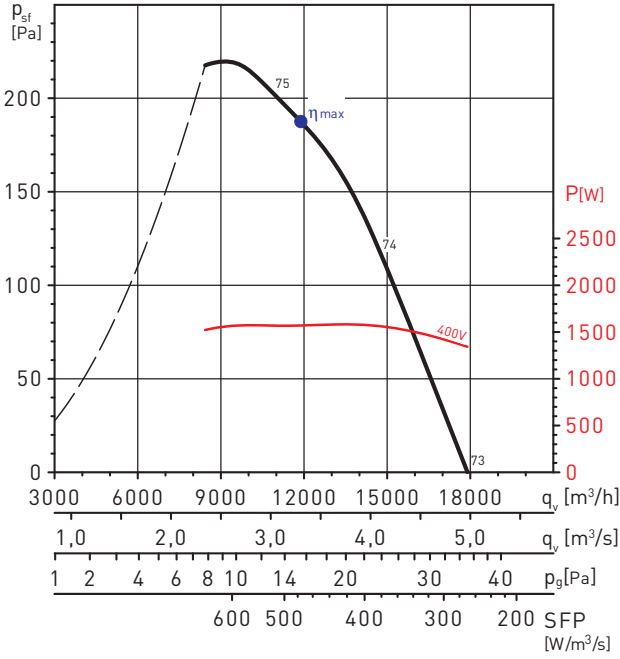
HCFT/4-560/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	34,9	41,1	1,045	8422	156	1377

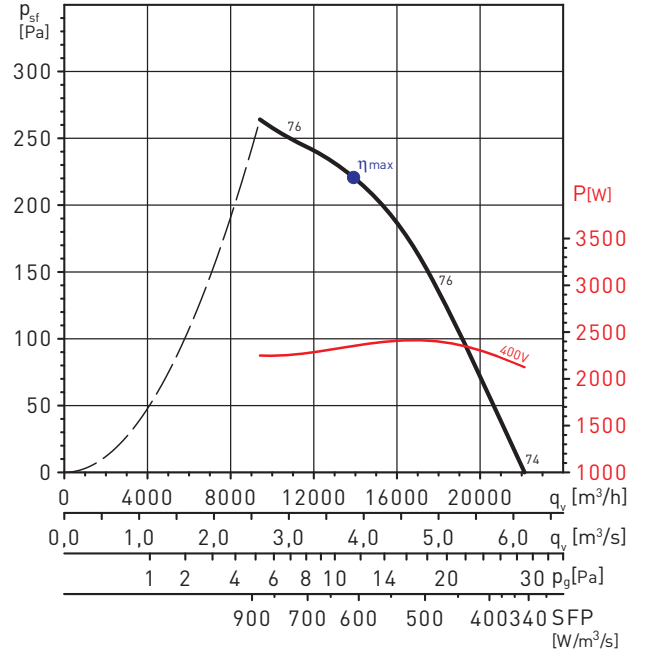
PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

HCFT/4-630/H



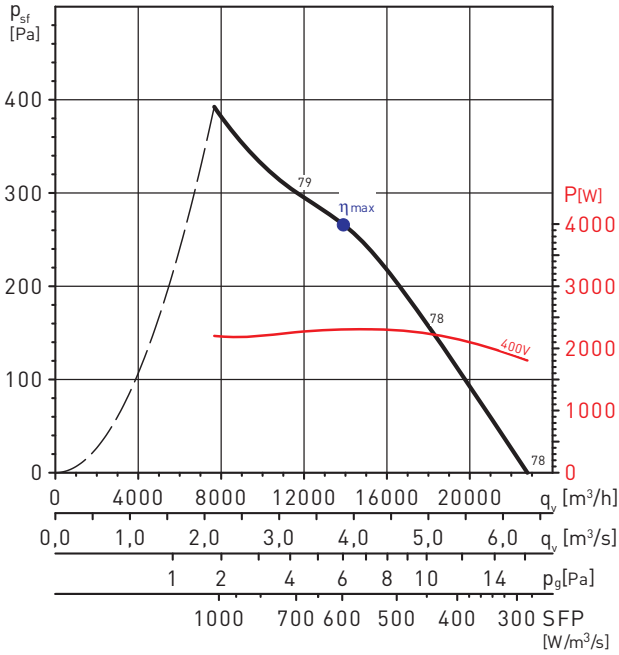
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	39,5	44,6	1,569	11760	189	1404

HCFT/4-710/H



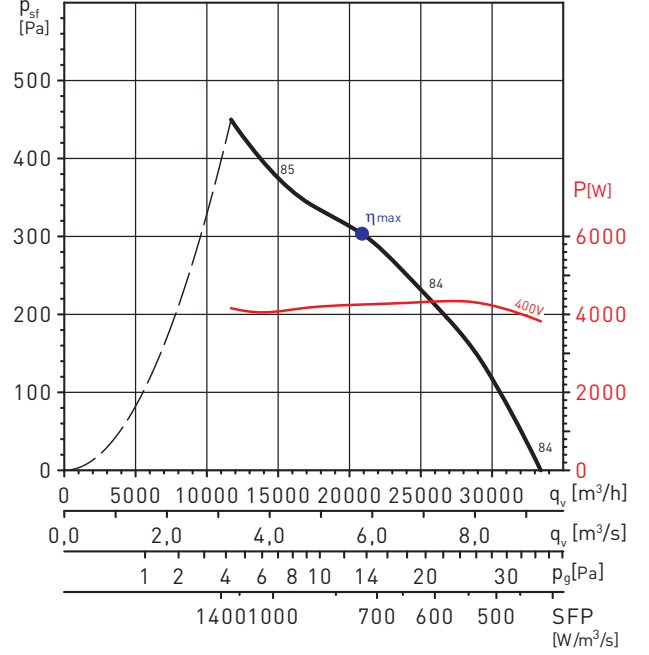
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	36,3	40,3	2,352	13929	221	1354

HCFT/4-800/L



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	44,7	48,7	2,305	13900	266	1392

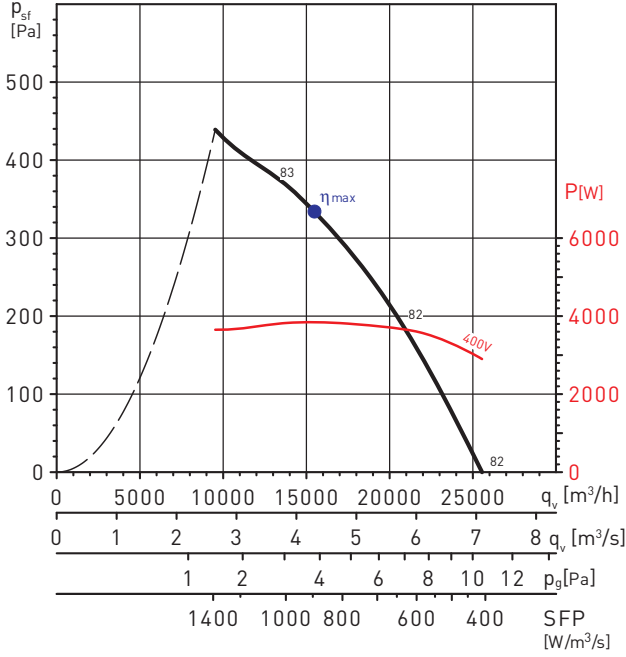
HCFT/4-800/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	41,4	43,8	4,253	20873	304	1435

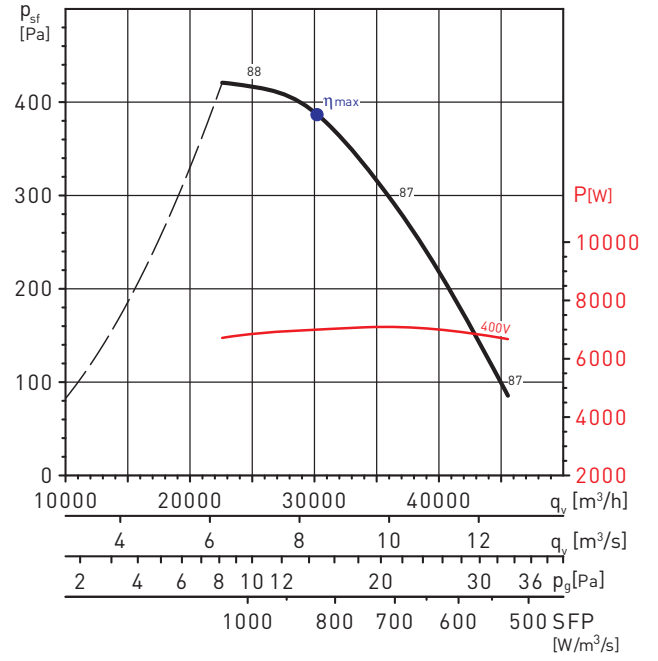
PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

HCFT/4-900/L



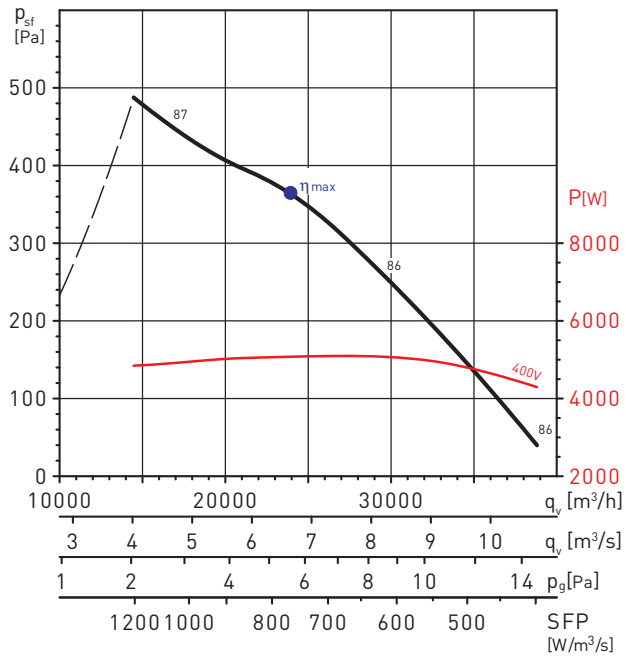
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	37,4	40,0	3,844	15455	334	1442

HCFT/4-900/H



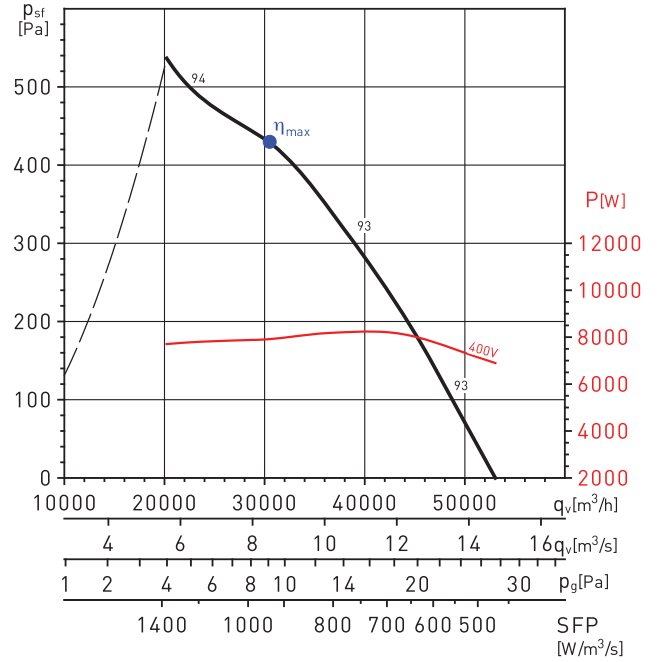
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	46,3	47,3	7,001	30198	387	1455

HCFT/4-1000/L



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	47,6	49,5	5,076	23915	364	1421

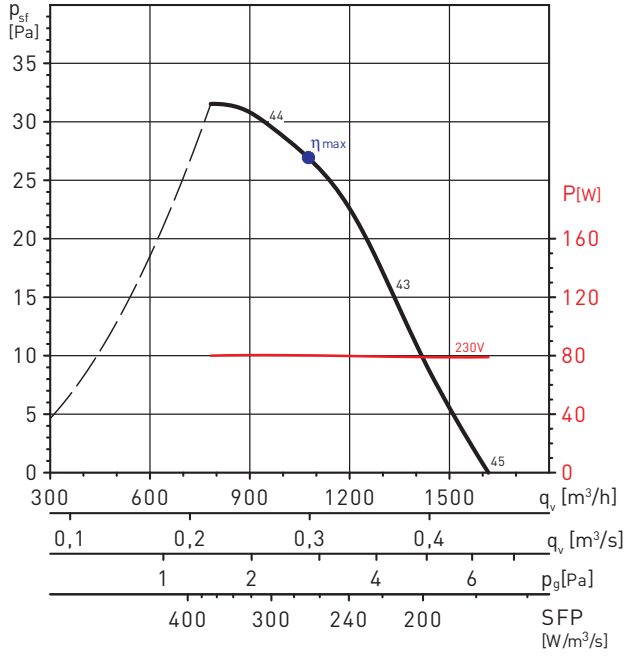
HCFT/4-1000/H



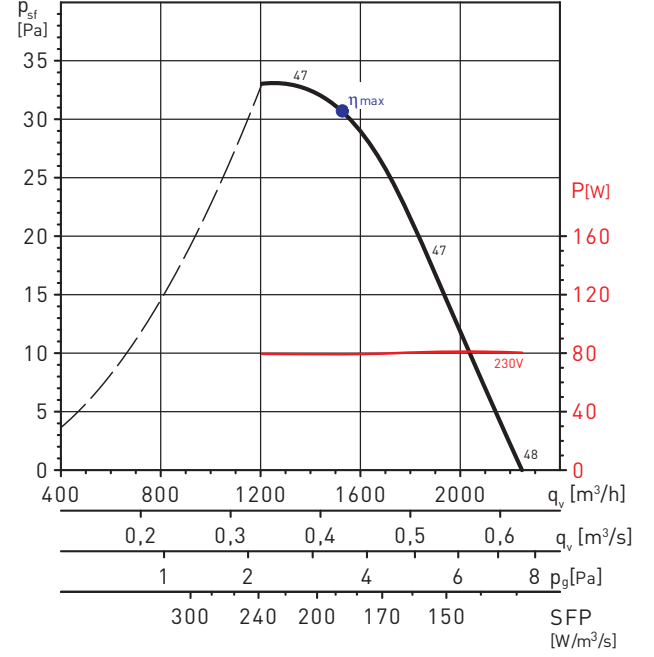
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	46,1	46,8	7,912	30528	430	1469

PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

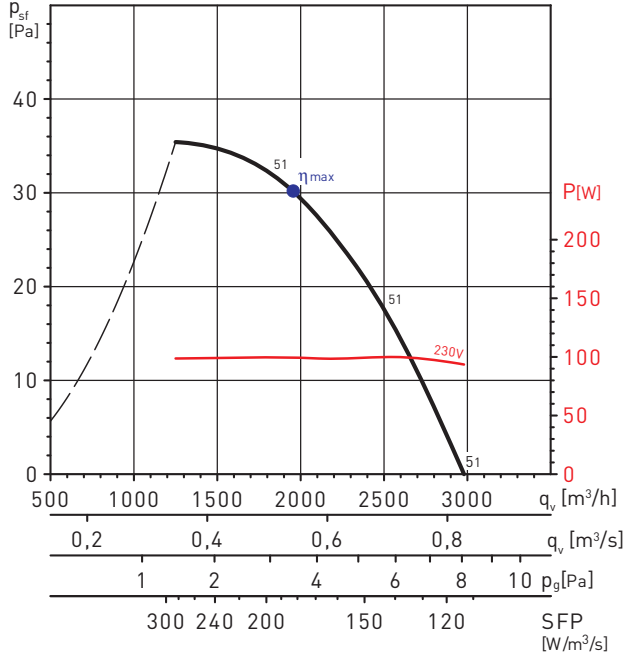
HCFB/6-315/H



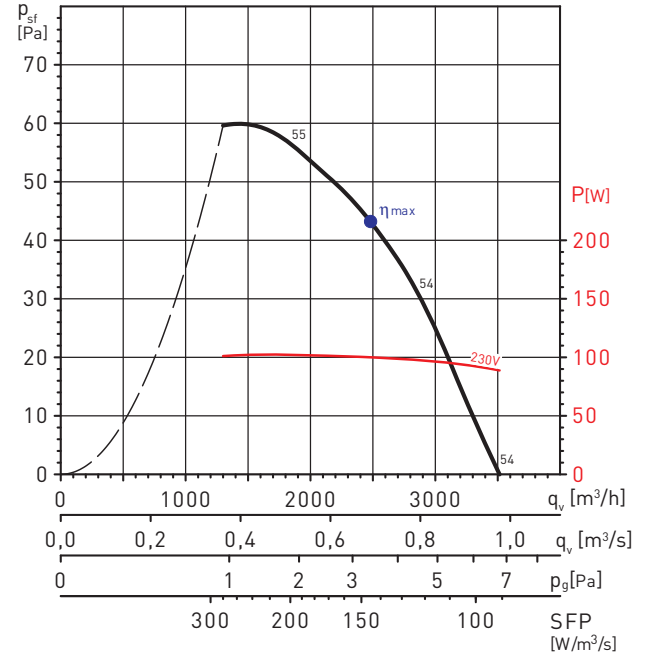
HCFB/6-355/H



HCFB/6-400/H



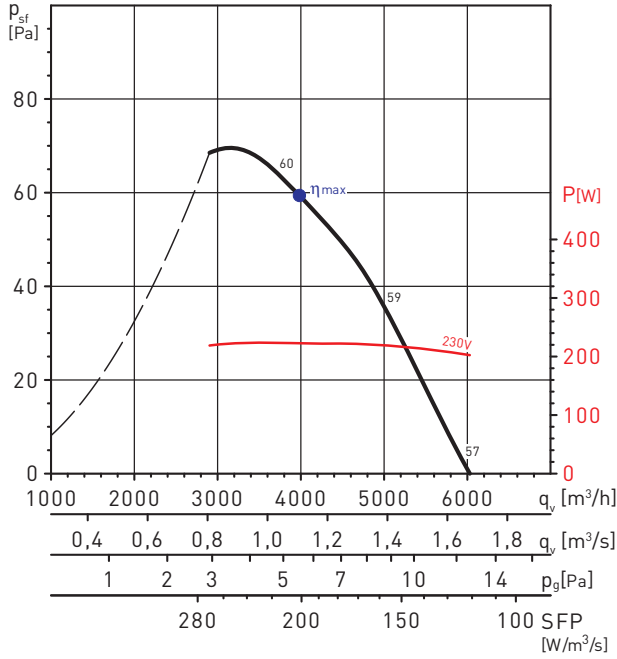
HCFB/6-450/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	30,2	42,8	0,101	2327	47	885

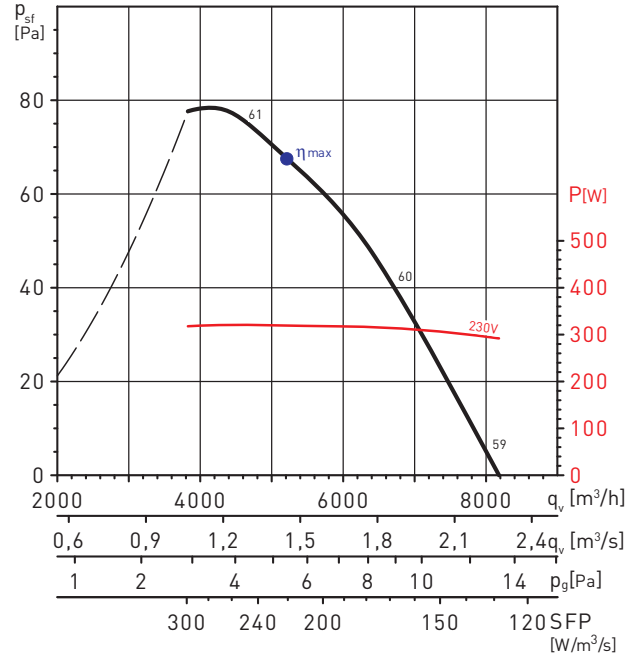
PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

HCFB/6-500/H



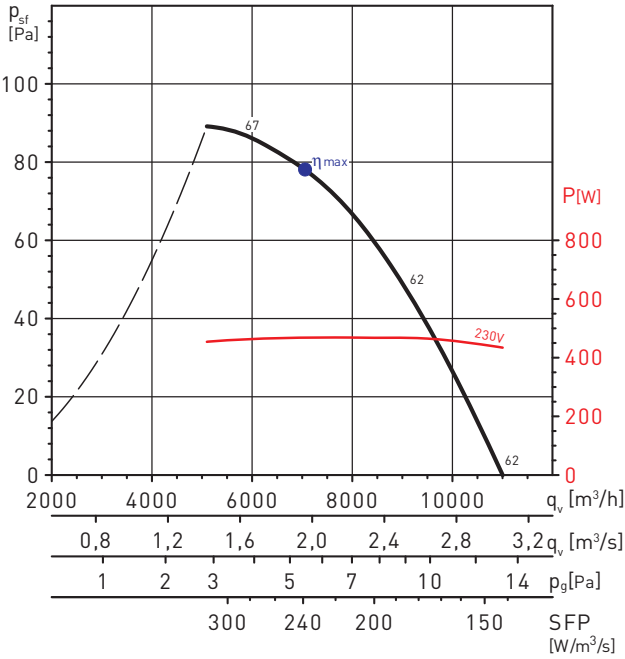
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,7	40,1	0,223	3783	63	904

HCFB/6-560/H



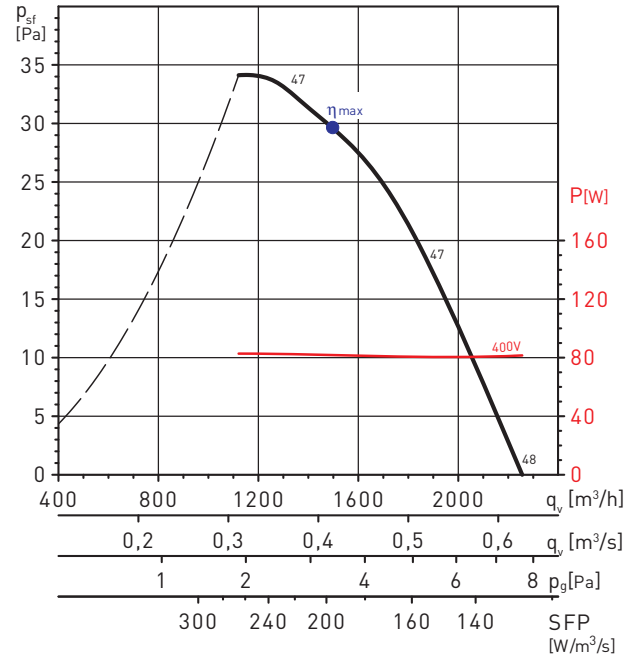
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	30,7	40,2	0,319	5214	68	880

HCFB/6-630/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	32,7	41,1	0,469	7230	76	899

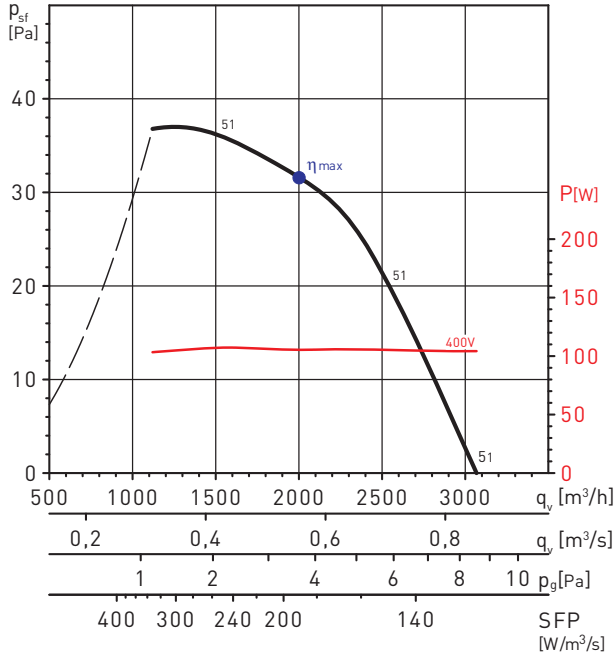
HCFT/6-355/H



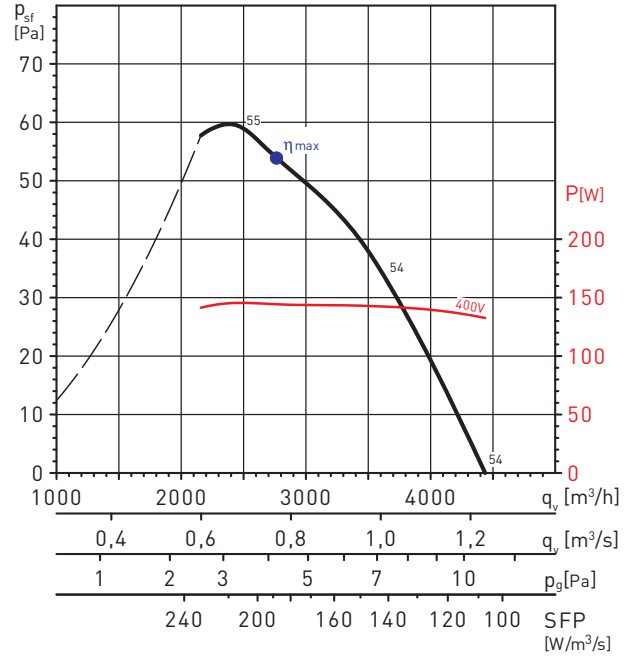
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	32,7	41,1	0,469	7230	76	899

PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

HCFT/6-400/H

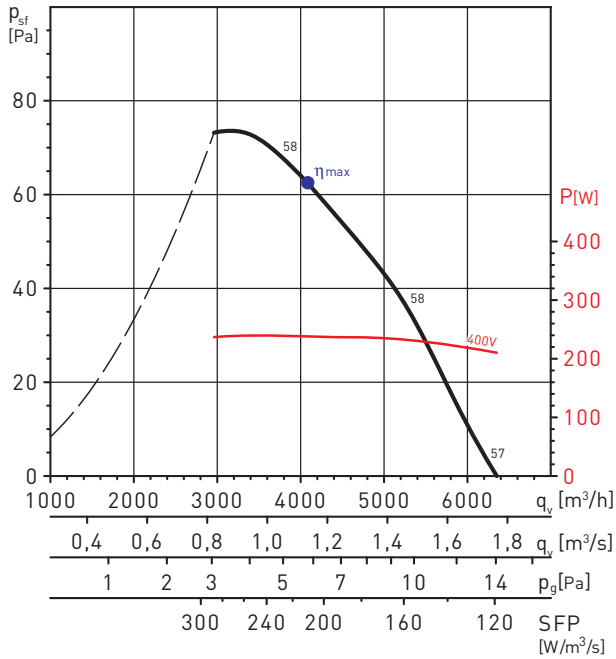


HCFT/6-450/H



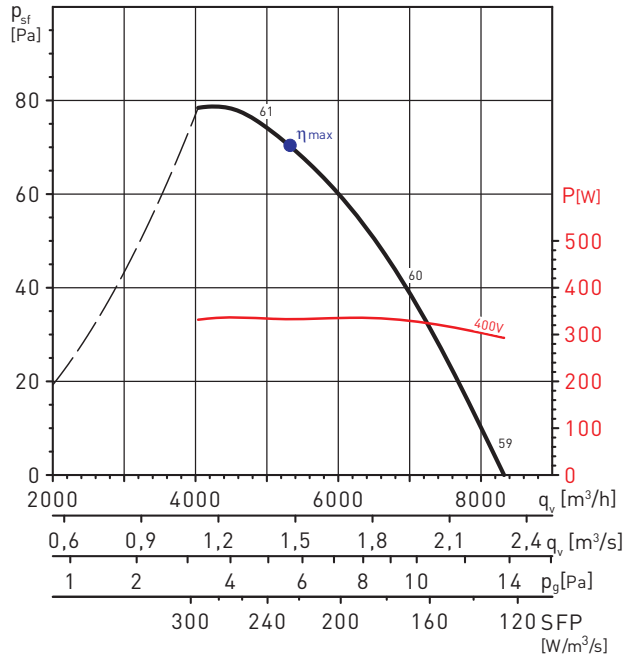
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	28,8	40,4	0,144	2920	51	897

HCFT/6-500/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,9	40,2	0,239	3900	66	903

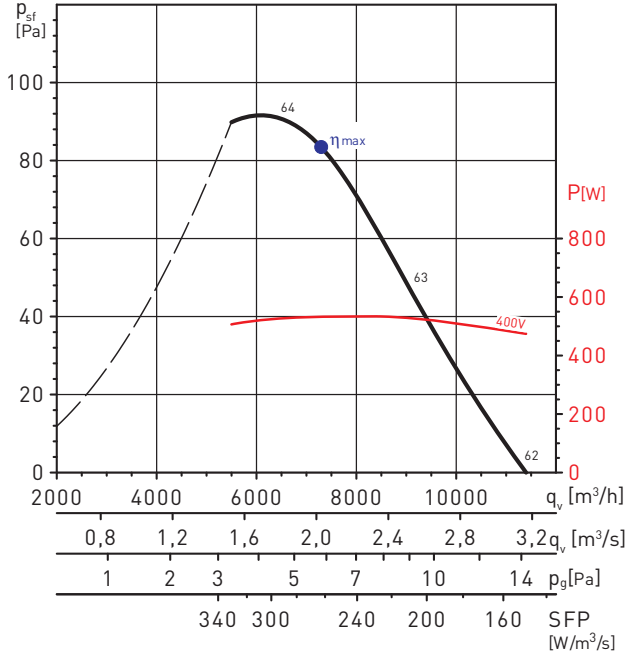
HCFT/6-560/H



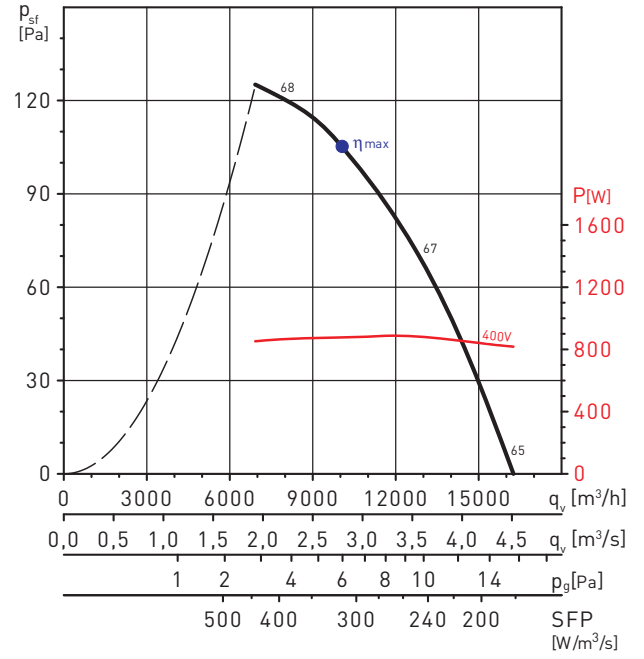
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	31,2	40,5	0,333	5333	70	905

PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

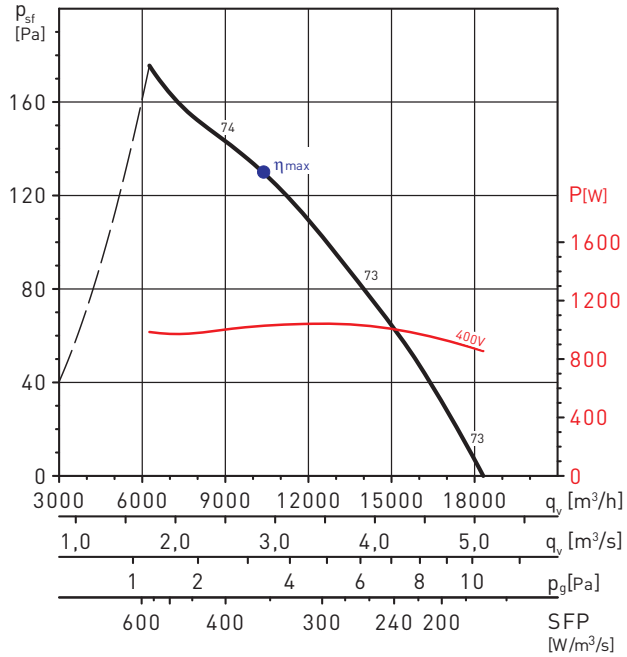
HCFT/6-630/H



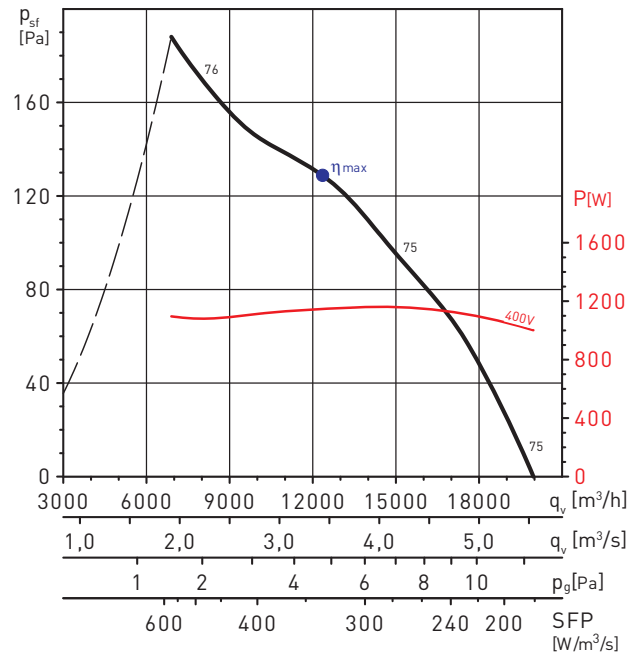
HCFT/6-710/H



HCFT/6-800/L

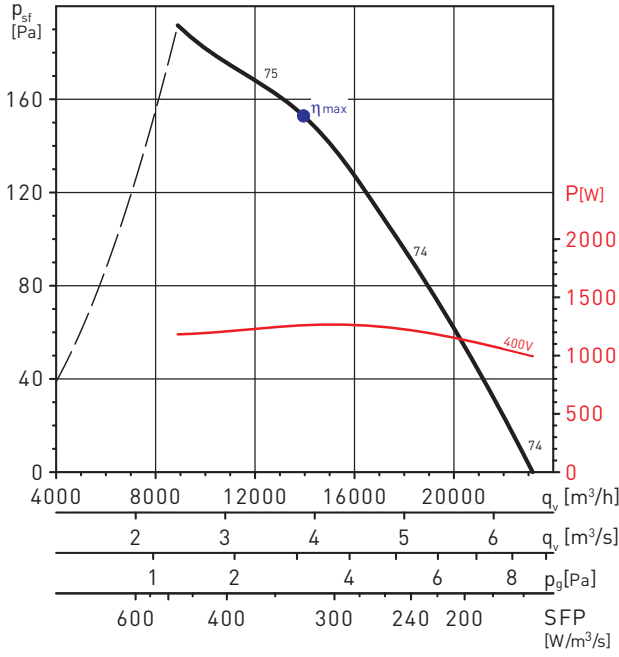


HCFT/6-800/H



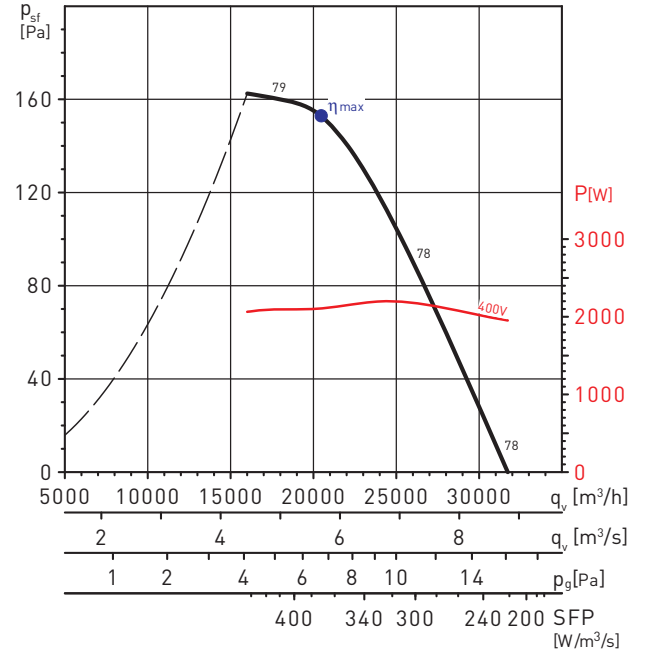
PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

HCFT/6-900/L



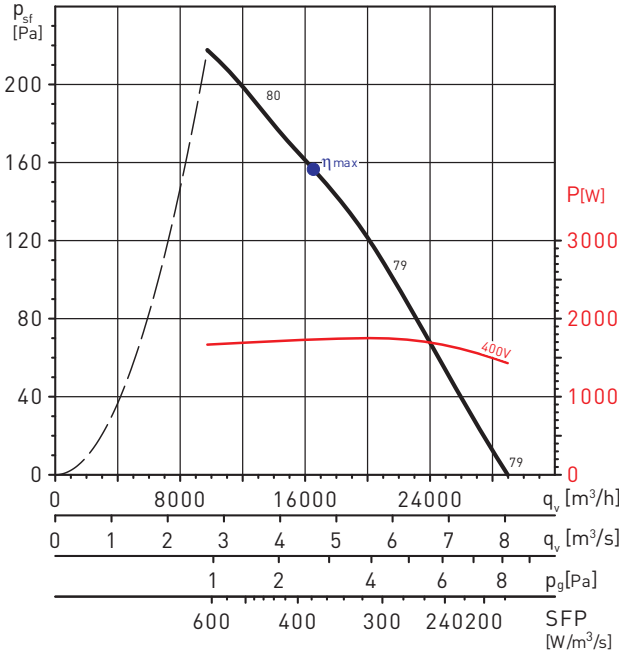
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	47,1	52,8	1,260	13960	153	954

HCFT/6-900/H



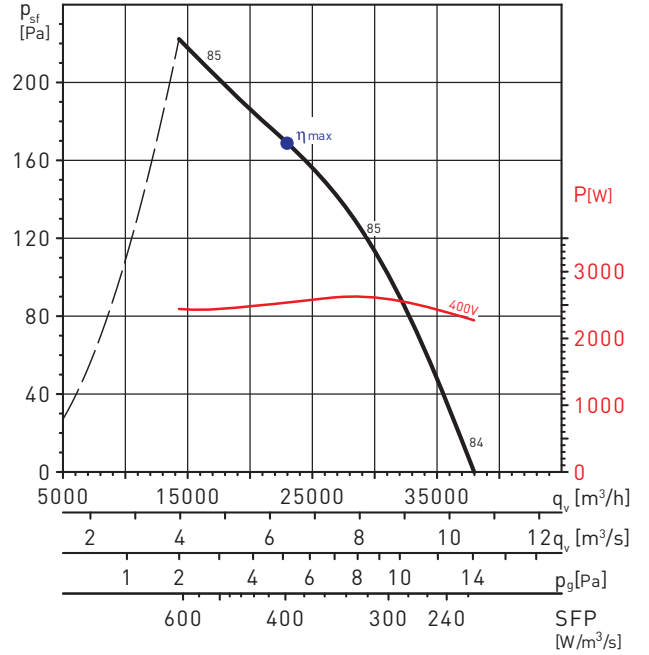
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	41,2	45,5	2,107	20461	153	947

HCFT/6-1000/L



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	41,6	46,4	1,733	16522	157	926

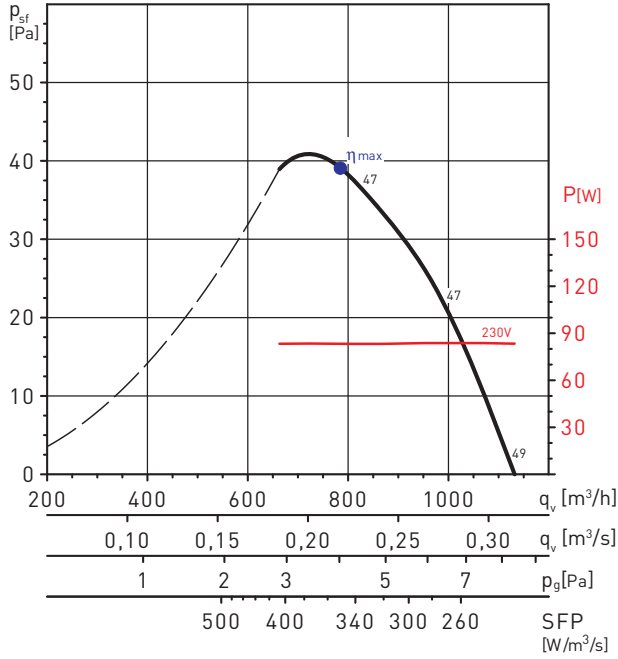
HCFT/6-1000/H



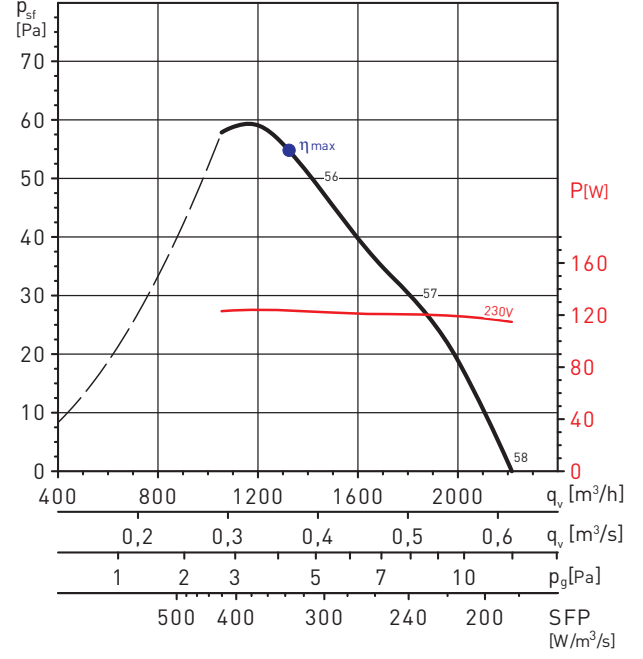
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	42,6	46,4	2,536	22959	169	931

PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

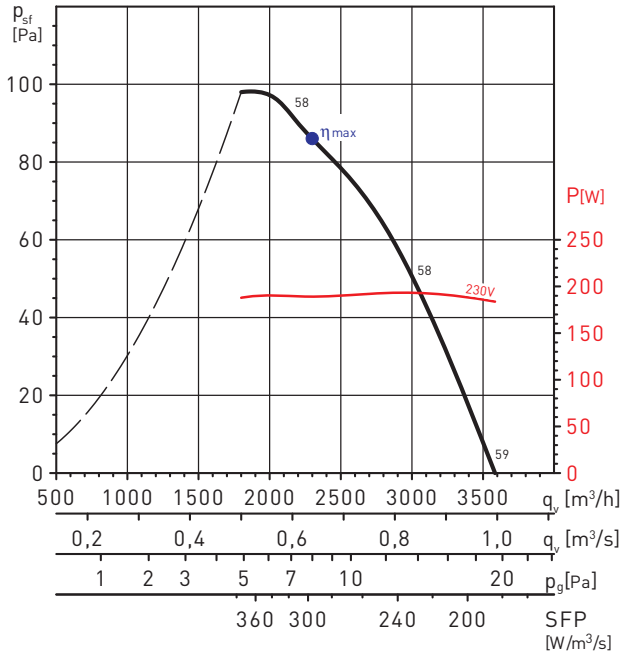
HCBB/4-250/H



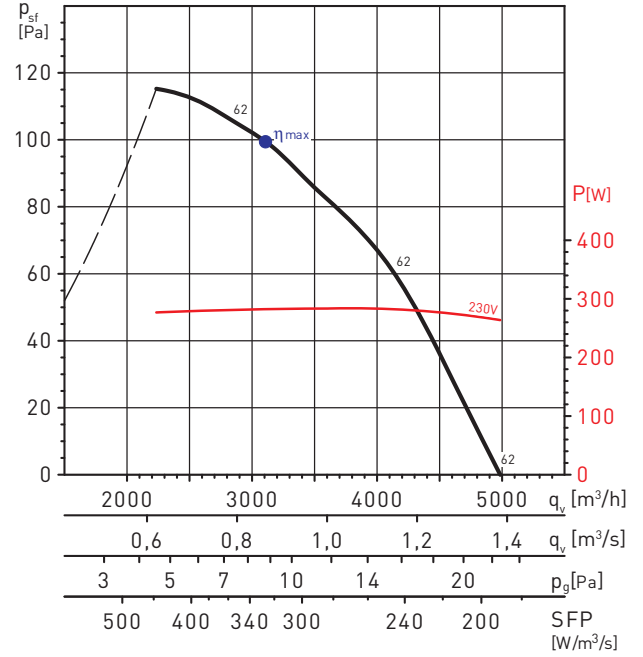
HCBB/4-315/H



HCBB/4-355/H



HCBB/4-400/H

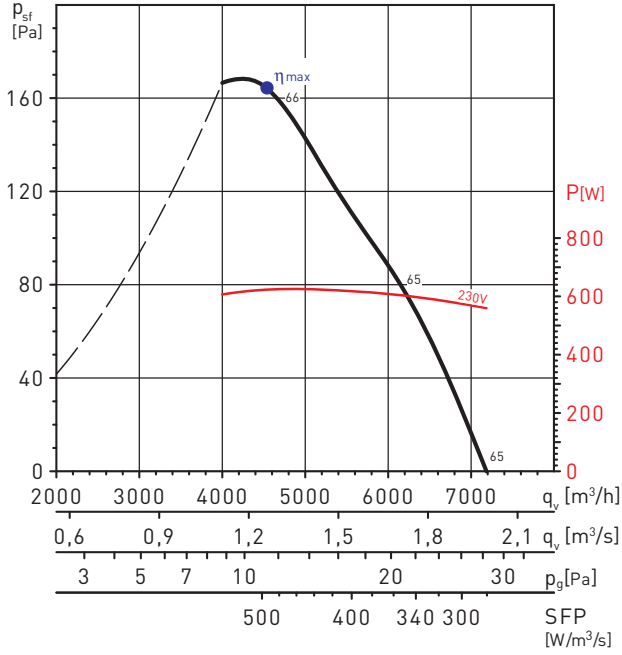


MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,1	40,0	0,189	2300	86	1377

MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	30,4	40,2	0,283	3107	100	1327

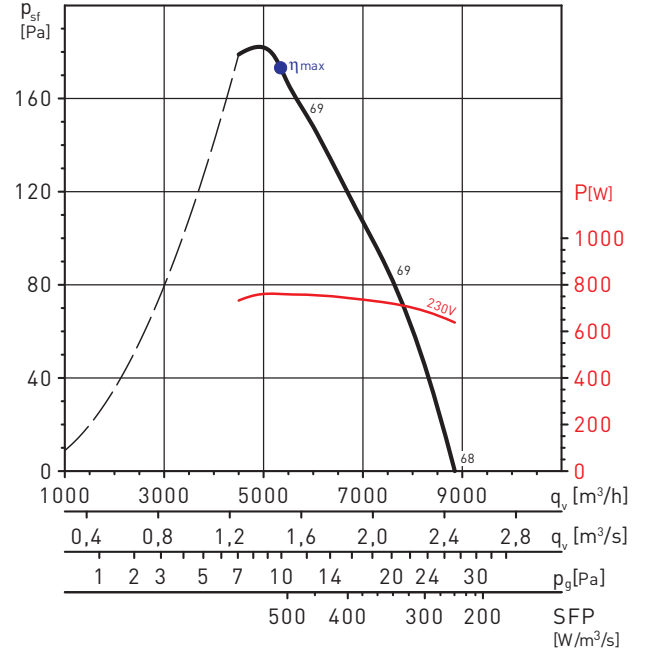
PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

HCBB/4-450/H



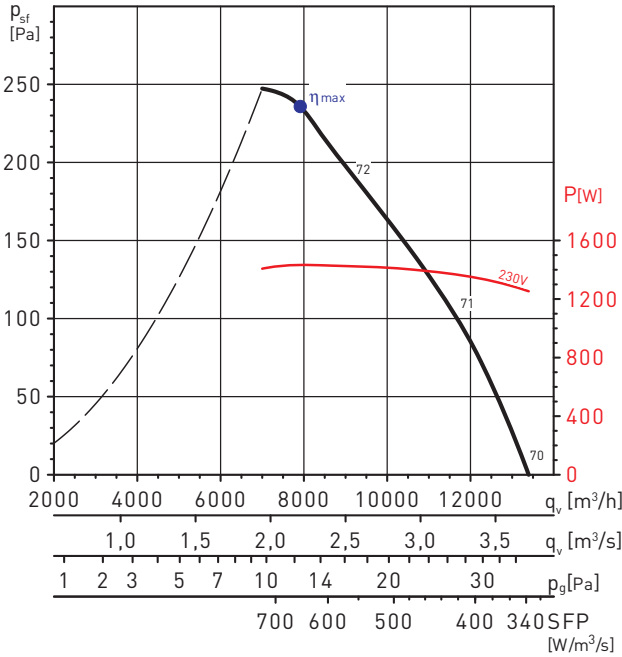
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	33,2	40,8	0,623	4538	164	1390

HCBB/4-500/H



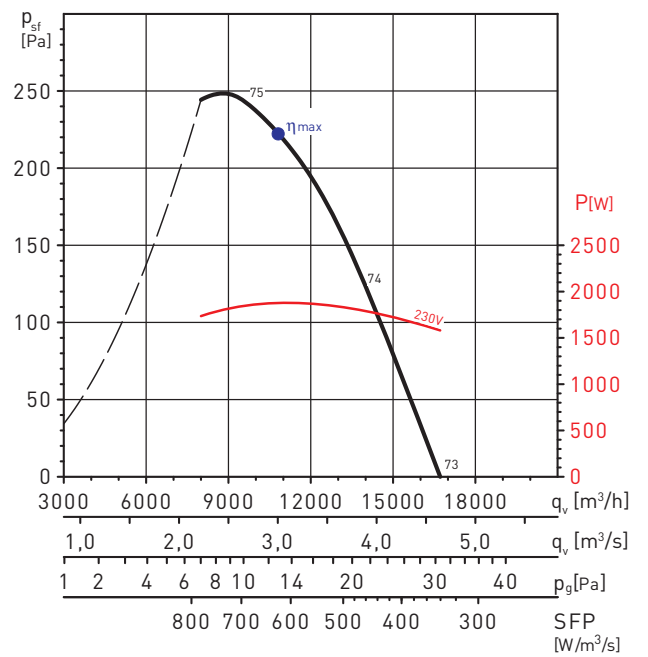
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	33,6	40,7	0,760	5336	172	1322

HCBB/4-560/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	36,0	41,3	1,433	7896	235	1367

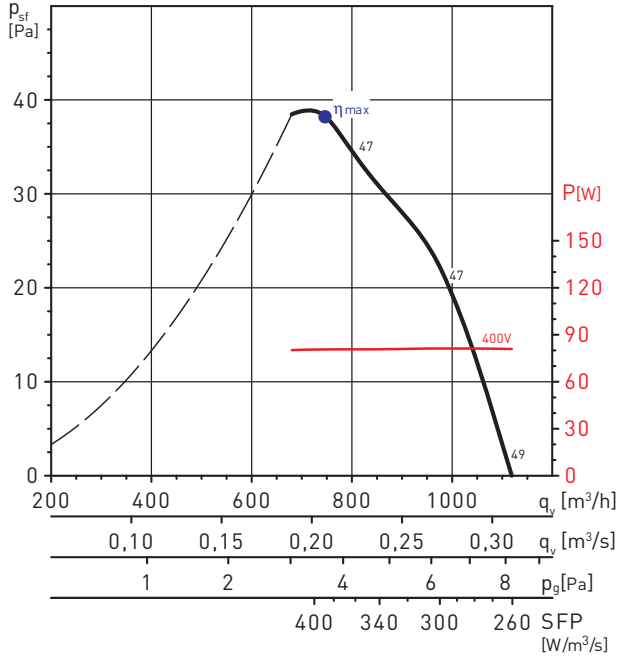
HCBB/4-630/H



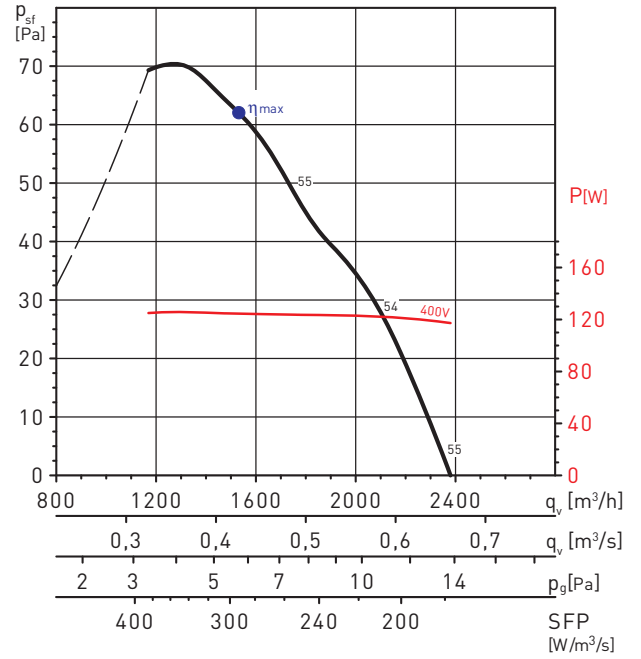
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	35,6	40,2	1,878	10817	223	1305

PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

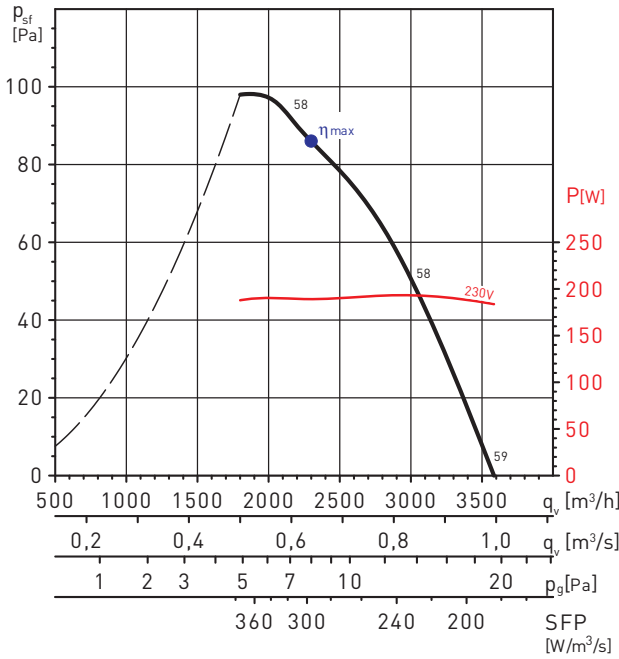
HCBT/4-250/H



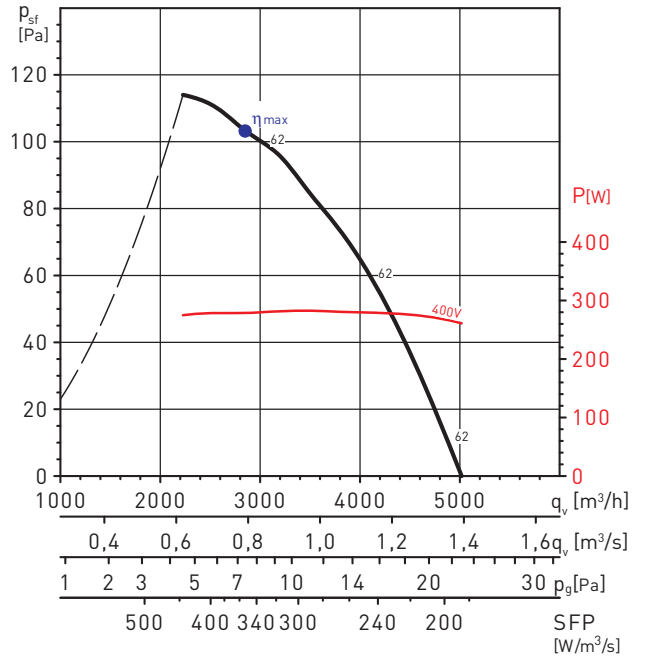
HCBT/4-315/H



HCBT/4-355/H



HCBT/4-400/H

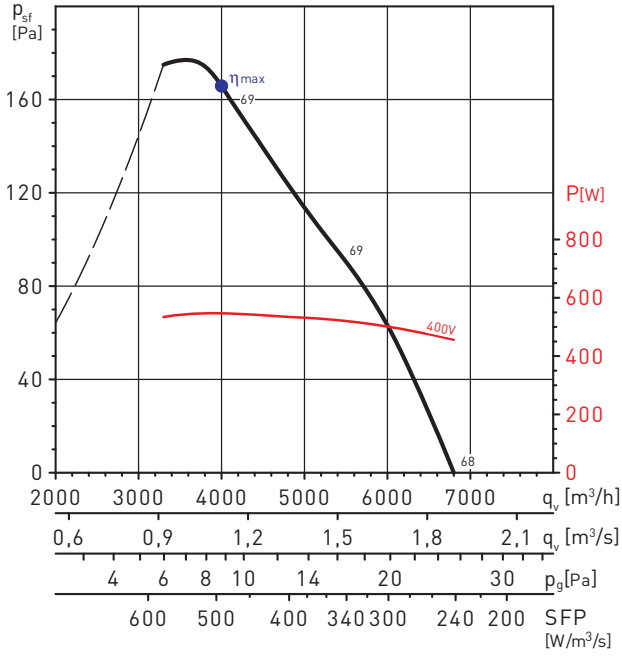


MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,0	40,0	0,179	2163	86	1372

MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	30,2	40,0	0,281	3127	98	1332

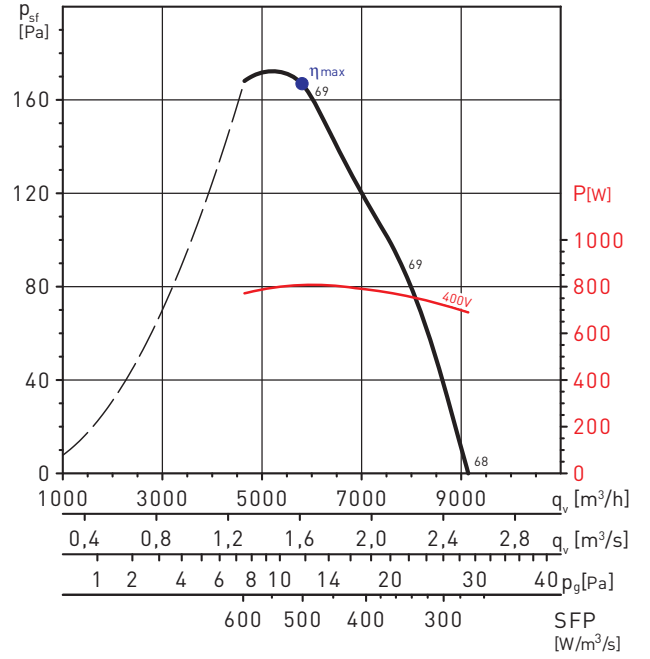
PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

HCBT/4-450/H



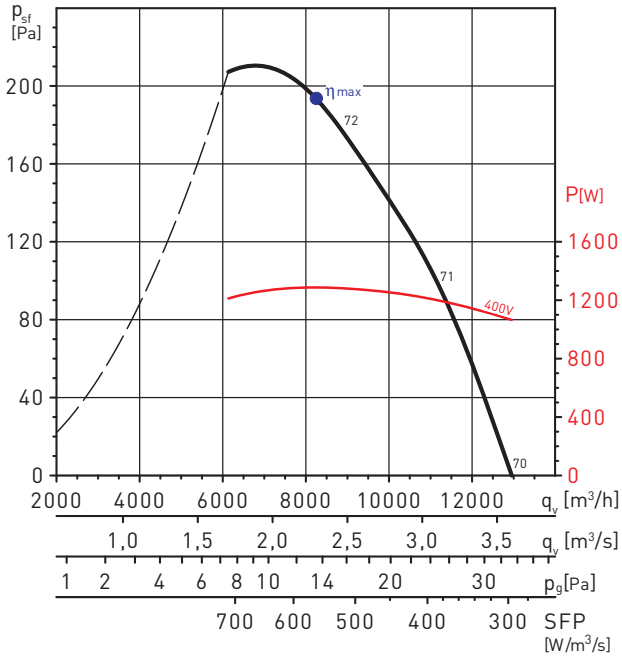
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	33,6	41,3	0,605	4179	175	1391

HCBT/4-500/H



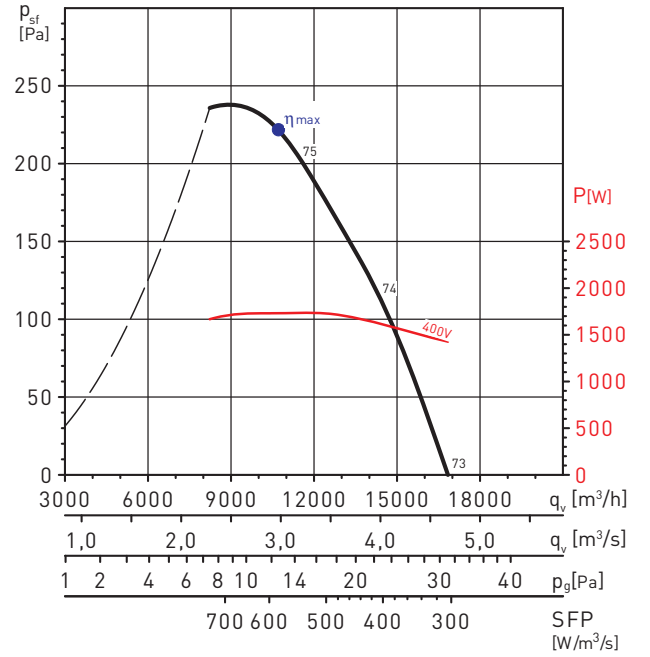
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	33,1	40,0	0,808	5793	167	1357

HCBT/4-560/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	34,4	40,0	1,287	8244	194	1349

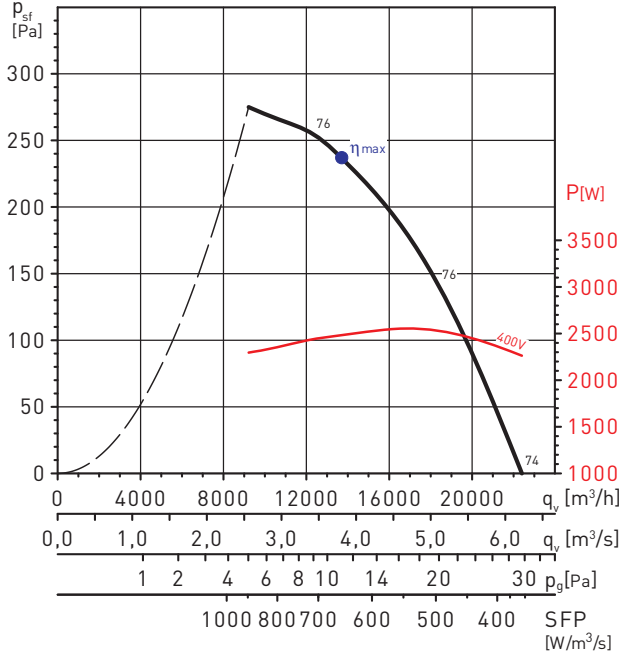
HCBT/4-630/H



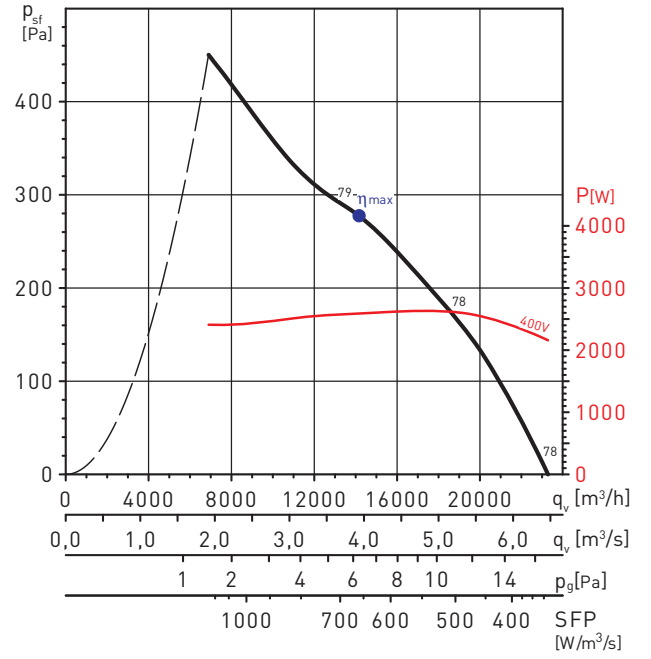
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	38,1	42,9	1,731	10708	222	1355

PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

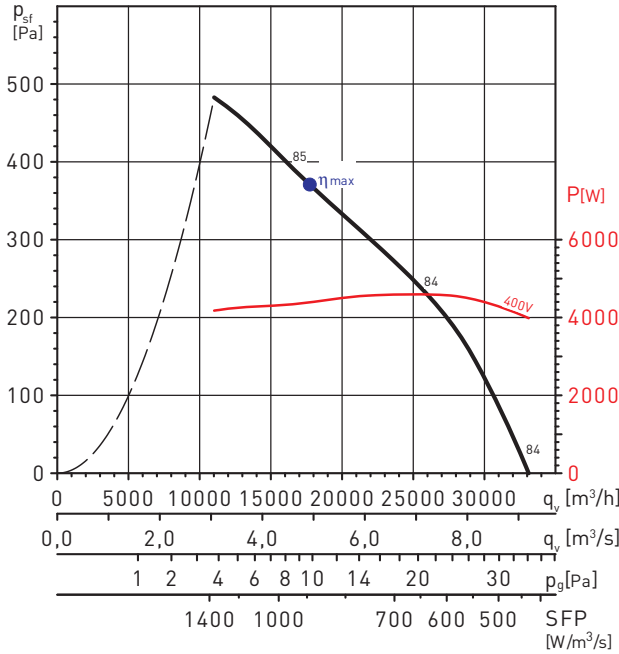
HCBT/4-710/H



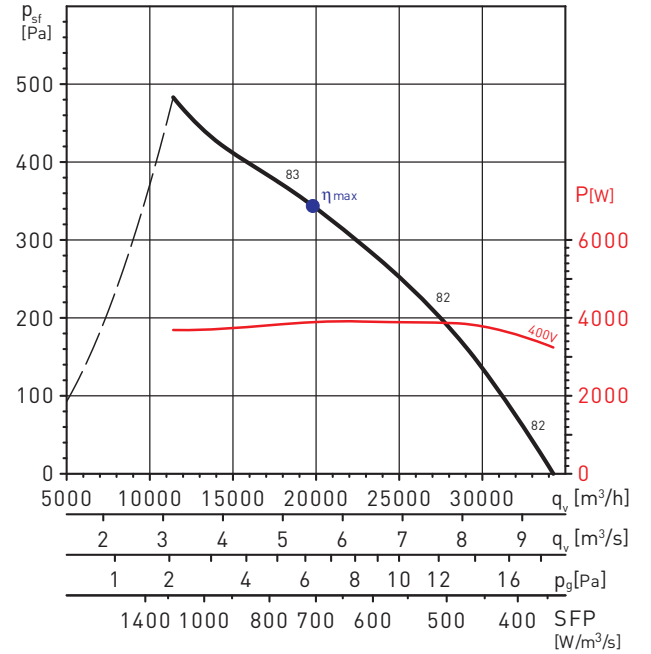
HCBT/4-800/L



HCBT/4-800/H

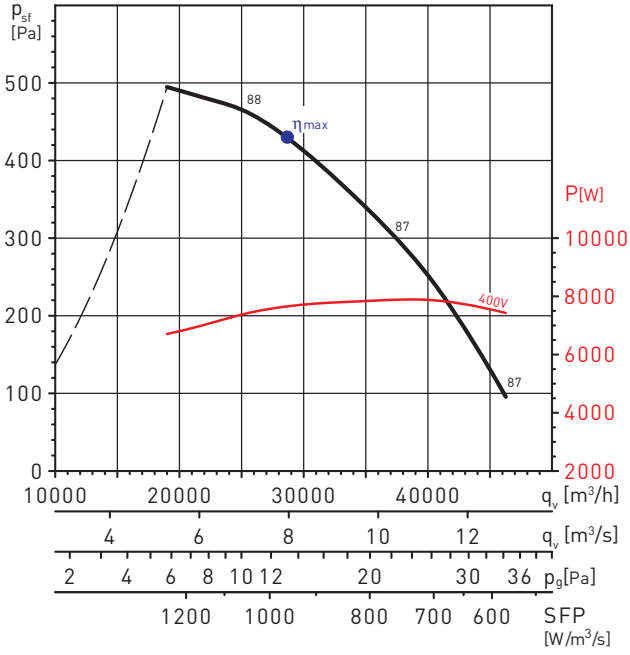


HCBT/4-900/L

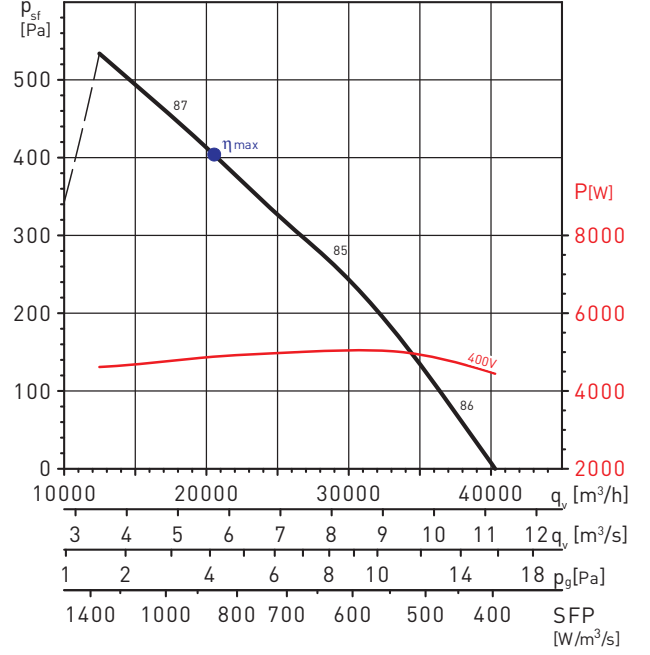


PERFORMANS EĞRİLERİ - 4 KUTUPLU MOTORLAR

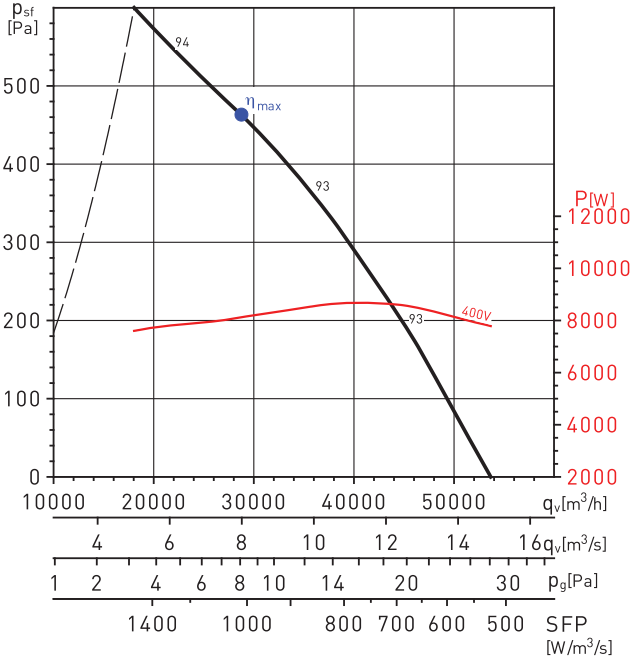
HCBT/4-900/H



HCBT/4-1000/L

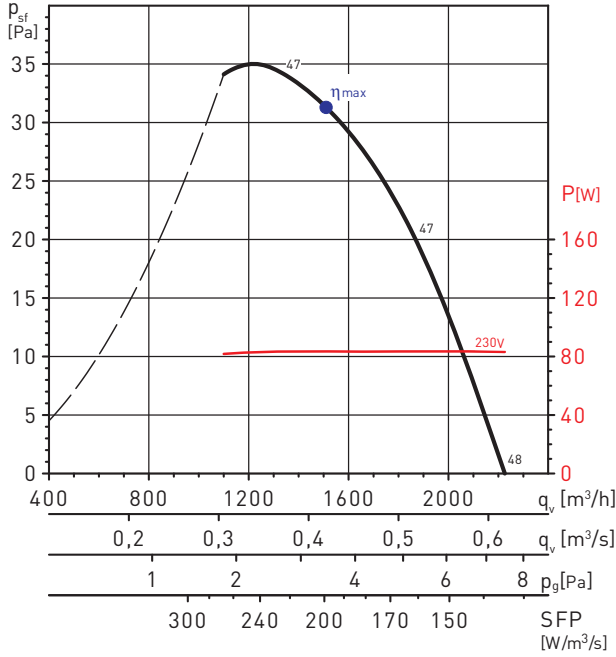


HCBT/4-1000/H

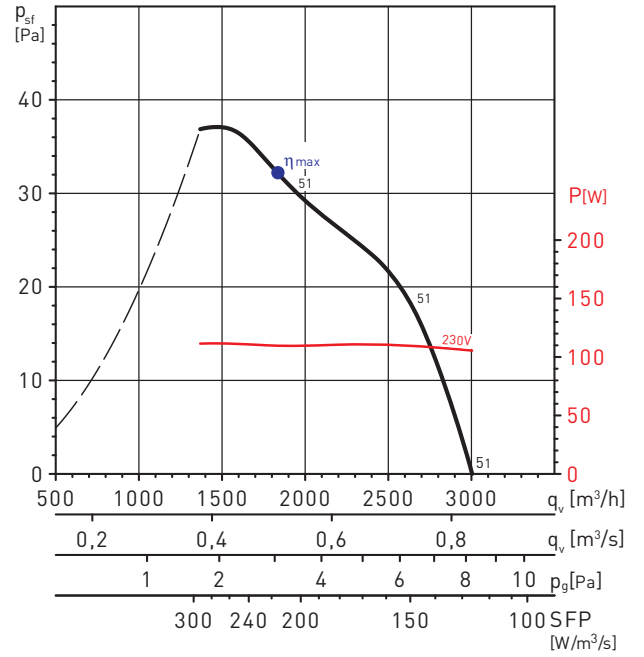


PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

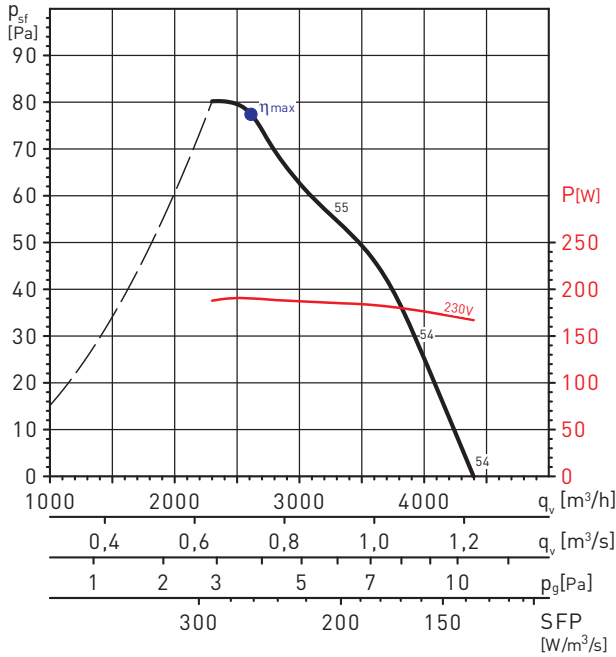
HCBB/6-355/H



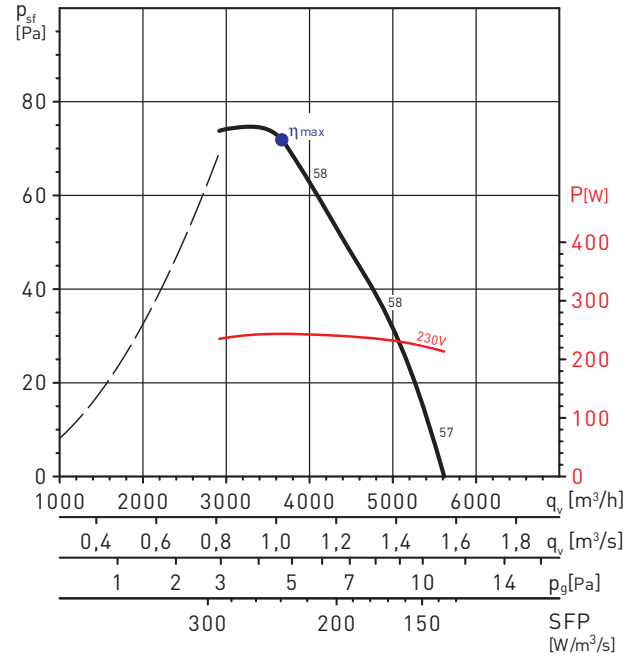
HCBB/6-400/H



HCBB/6-450/H



HCBB/6-500/H

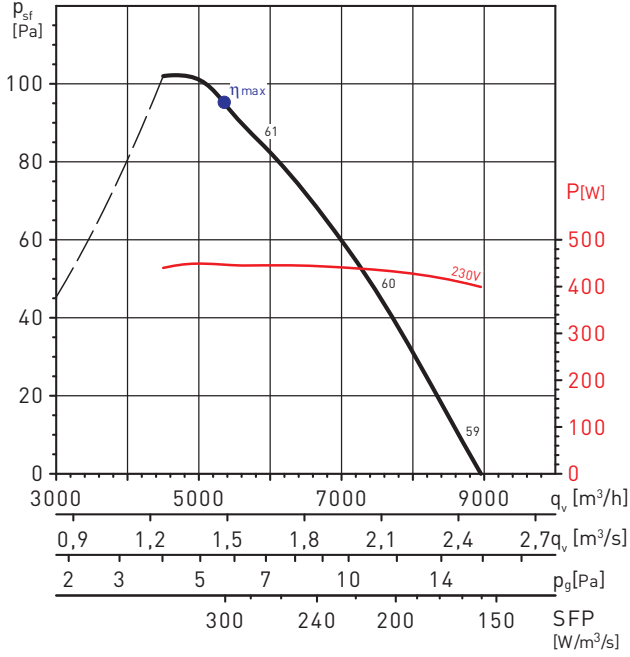


MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,3	40,2	0,190	2604	77	908

MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,9	40,1	0,244	3660	72	886

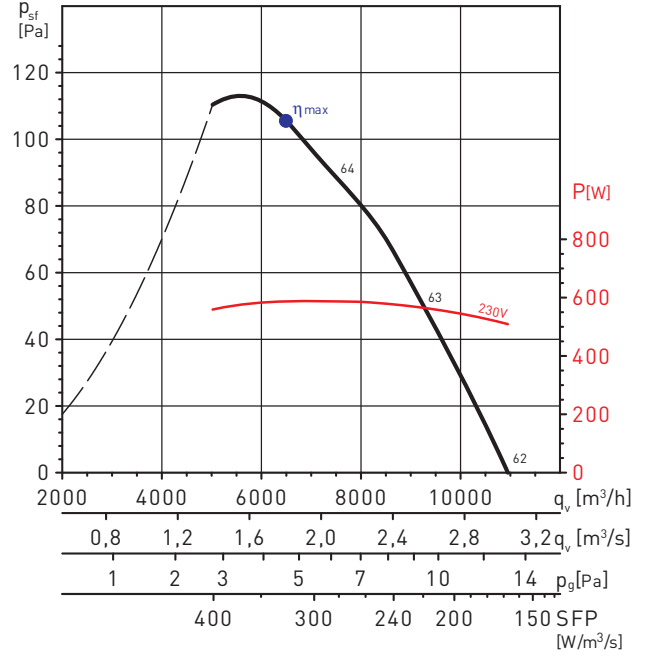
PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

HCBB/6-560/H



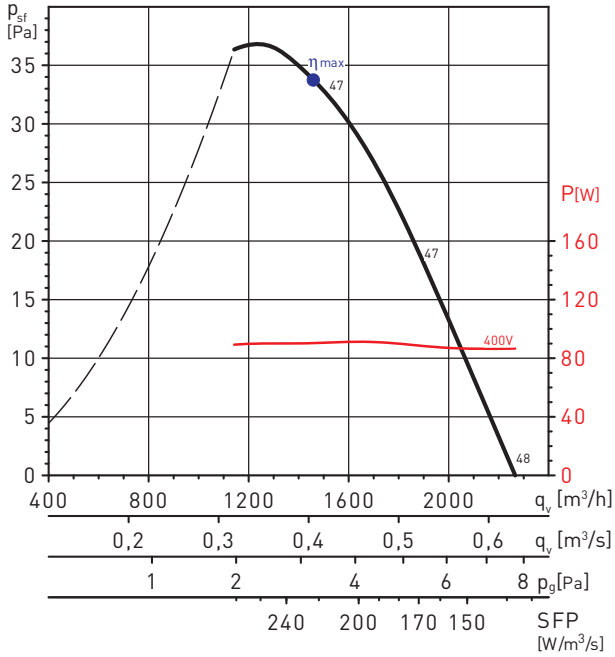
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	31,6	40,1	0,447	5347	95	903

HCBB/6-630/H

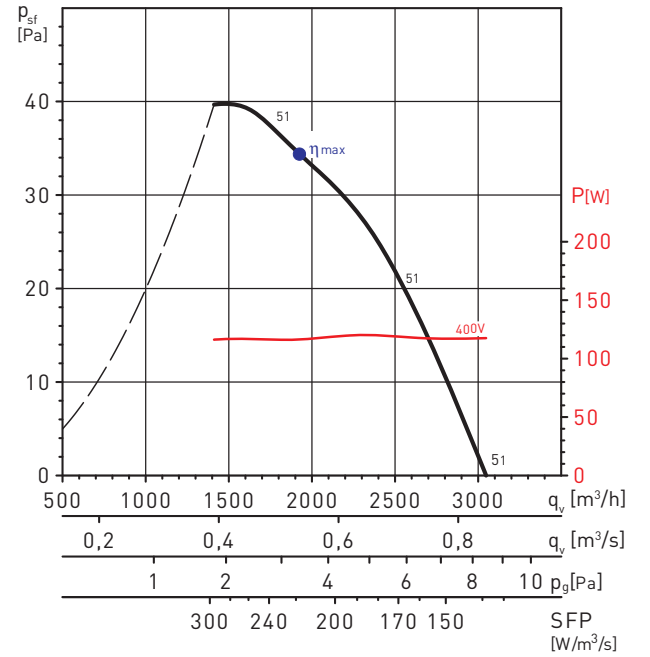


MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	32,4	40,2	0,587	6492	106	888

HCBT/6-355/H

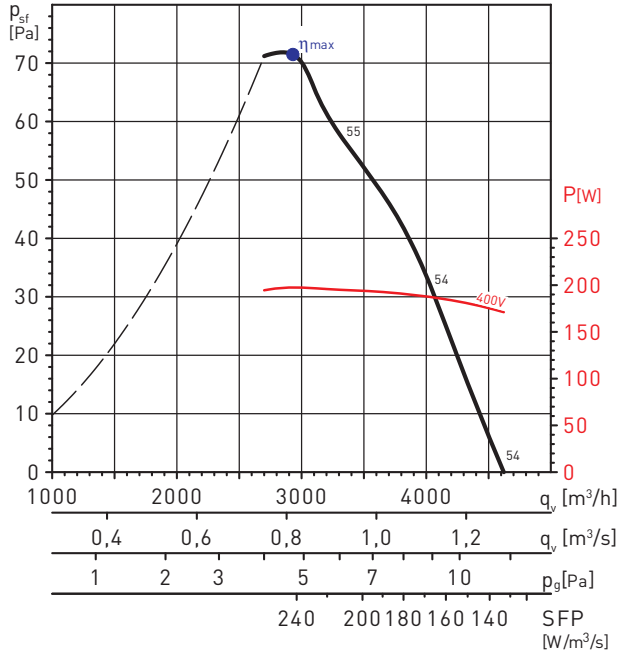


HCBT/6-400/H



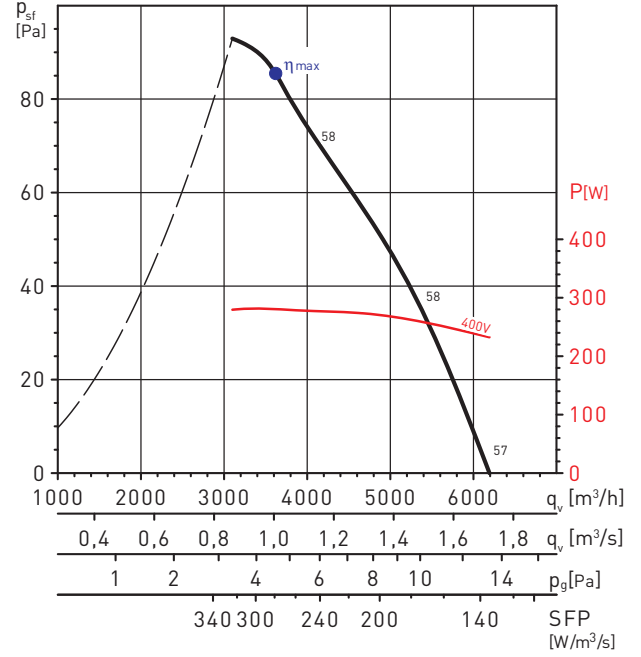
PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

HCBB/6-450/H



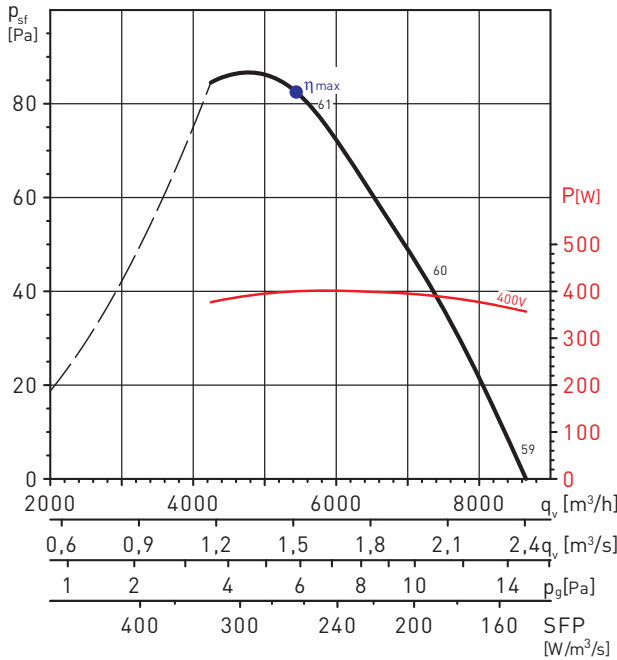
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	29,3	40,1	0,198	2925	71	904

HCBB/6-500/H



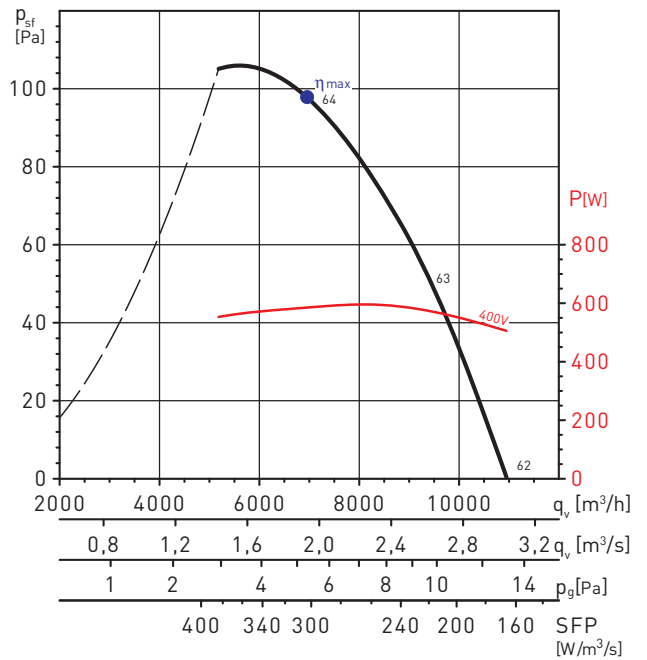
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	30,3	40,1	0,281	3613	85	874

HCBB/6-560/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	31,2	40,0	0,400	5444	83	876

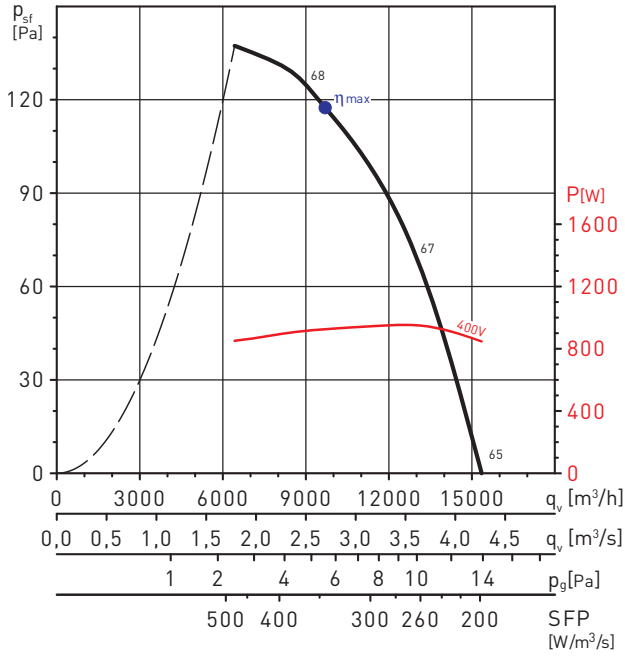
HCBB/6-630/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	32,3	40,1	0,585	6954	98	889

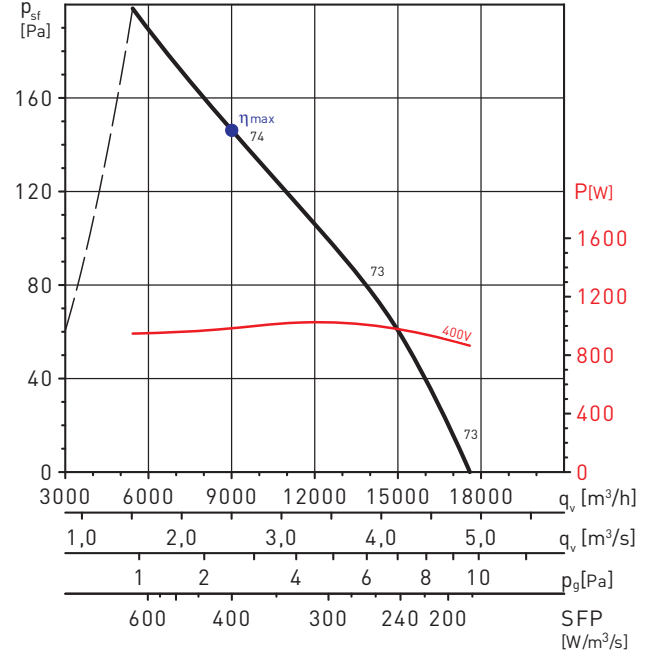
PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

HCBT/6-710/H



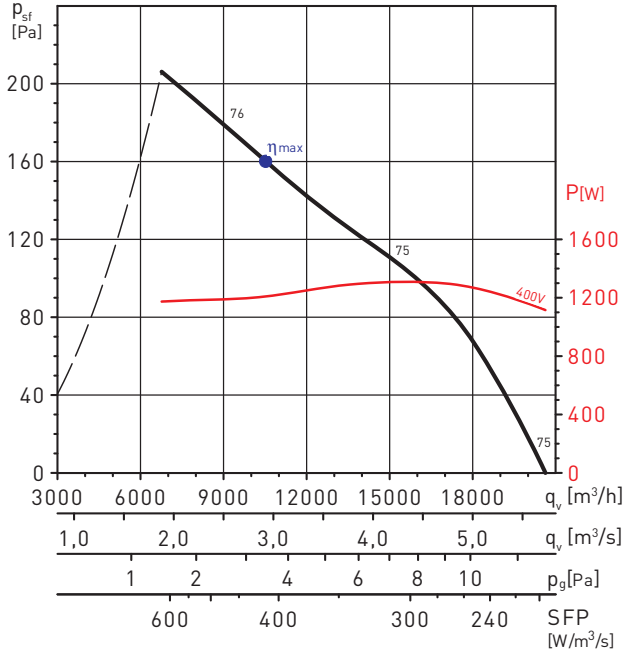
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	34,2	40,7	0,926	9683	118	946

HCBT/6-800/L



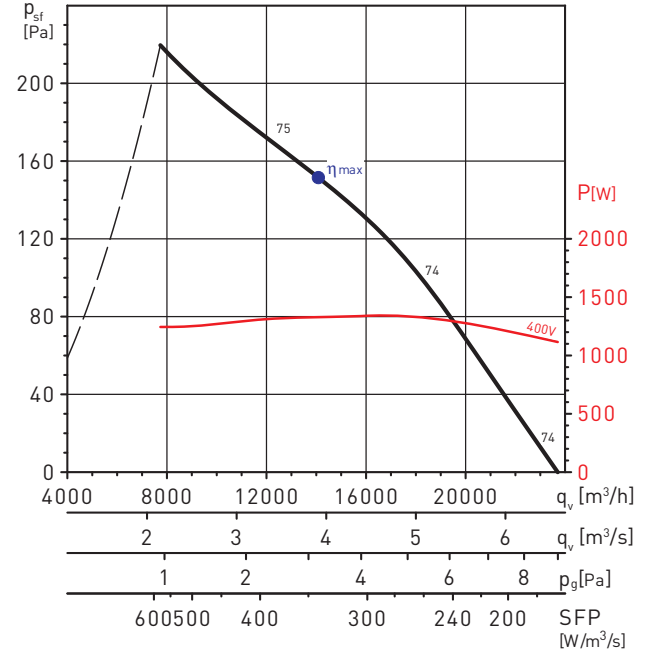
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	37,2	43,6	0,984	9004	146	927

HCBT/6-800/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	38,8	44,6	1,208	10519	160	923

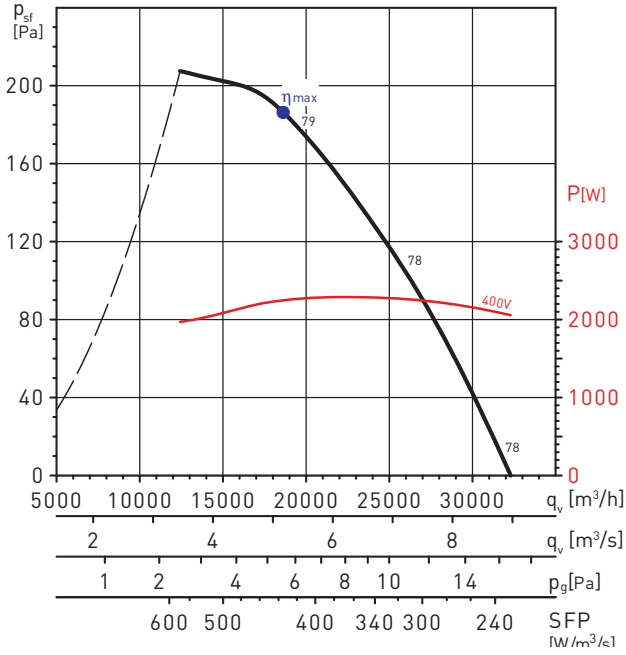
HCBT/6-900/L



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	44,6	50,2	1,329	14066	152	953

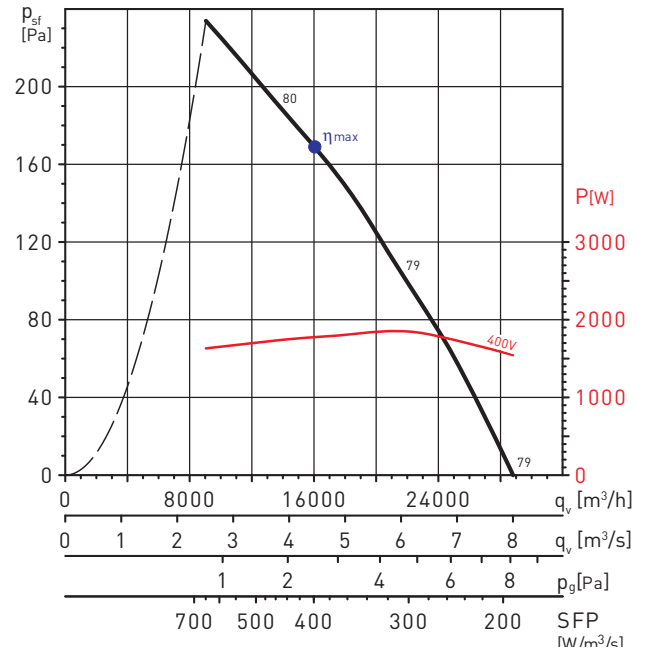
PERFORMANS EĞRİLERİ - 6 KUTUPLU MOTORLAR

HCBB/6-900/H



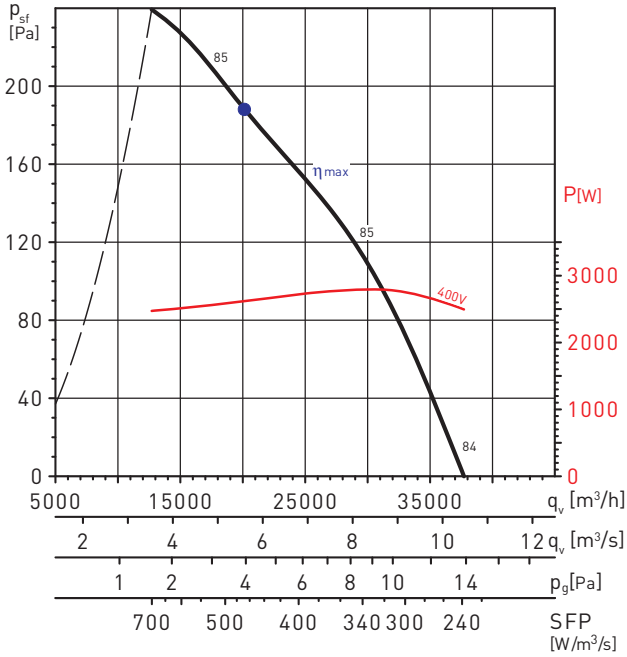
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	42,8	46,9	2,247	18590	187	943

HCBB/6-1000/L



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	42,4	47,2	1,775	16021	169	927

HCBB/6-1000/H



MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Statik	No	1	40,3	44,0	2,615	20140	188	929