



Serie axiale wandventilatoren voorzien van plastic waaiers. Uitgevoerd met een eenfasige motor (HCFB) of driefasige motor (HCFT), IP65 (1), klasse F isolatie (2), uitgerust met thermische beveiliging (3).

(1) Ø 800, 900 en 1000 modellen zijn IP55.

(2) Bedrijfstemperaturen van -40 °C tot 70 °C. Behalve modellen Ø 800 tot 1000 geschikt voor gebruik in omgevingen van -20 °C tot 40 °C.

(3) Behalve modellen 800 tot 1000.

Motoren

Afhankelijk van het beschikbare model met een- of driefasige motoren met 2, 4 of 6 polen. Bij alle motoren kan de snelheid worden gereguleerd door een transformator, behalve bij 2-polige en /4-630, 710, T/800, T/900 en T/1000.

Bij driefasige modellen kan de snelheid worden geregeld door een frequentieregelaar.

Elektrische voeding:

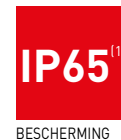
- Eenfasige 230 V-50 Hz.

(Condensator zit in aansluitdoos voor bedrading).

- Driefasige 230/400 V-50 Hz of 400 V-50 Hz. (Zie kaart met gegevens).

Op aanvraag:

Beschermend aanzuigrooster voor modellen Ø 800 tot 1000.



Compact design. Motor waaier combinatie



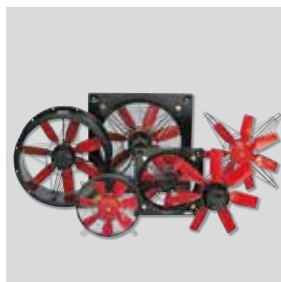
Corrosiebestendigheid! Montageplaat, motorsteun en beschermrooster, beschermd door kataforese grondlaag. Afwerking met zwarte polyester verflaag. Roestvrij stalen schroeven.



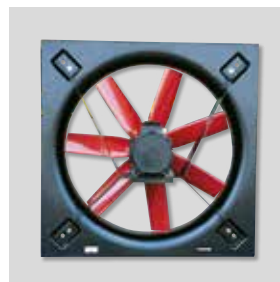
Brandwerende aansluitdoos Aansluitdoos met wartel PG-11.



Waaier dynamisch uitgebalanceerd conform de ISO 1940 norm, waardoor deze trillingsvrij werken



Groter diversiteit in waaiers. Afhankelijk van de toepassing.



Configuratie voor modellen Ø 800 tot 1000 Speciaal design van motor boven waaier, wat zorgt voor compactheid (IP55).



Serie axiale wandventilatoren voorzien van aluminium waaiers en eenfasige motor (HCBB) of driefasige motor (HCBT), IP65 (1), klasse F isolatie (2), uitgerust met thermische beveiliging (3).

- (1) Ø 800, 900 en 1000 modellen zijn IP55.
(2) Bedrijfstemperaturen van -40 °C tot 70 °C. Behalve de modellen Ø 800, 900 en 1000 geschikt voor gebruik in omgevingen van -20 °C tot +40 °C.
(3) Behalve modellen 800 tot 1000.

Motoren

Afhankelijk van het model beschikbaar met een- of driefasige motoren met 4 of 6 polen. Bij alle motoren kan de snelheid worden gereguleerd door een transformator, behalve bij /4-630, B/710, T/4-710, T/800, T/900 en T/1000. Bij driefasige modellen kan de snelheid worden geregeld door een frequentieregelaar. Elektrische voeding: Eenfasige 230 V-50 Hz. (Condensator zit in aansluitdoos voor bedrading). Driefasige 230/400 V-50 Hz of 400 V-50 Hz. (Zie kaart met gegevens).

Aanvullende informatie

Standaard richting lucht: formulier (A) configuratie. (Motor boven waaier).

Op aanvraag

Beschermend aanzuigrooster voor modellen Ø 800 tot 1000.

HCBT ATEX Versies

Op verzoek, explosieveilige versies conform ATEX norm, 3 fase modellen:

- Motoren IP55, Klasse F.
- ATEX vlamproef-gas
- Voor de modellen 800 tot 1000
 - ⊕ II 2G Ex d IBB T4
 - ⊕ II 2G Ex d IIB H2+T4 (met Ex d IIC T4)
- ATEX verhoogde veiligheid- gas
- Behalve de modellen HCBT/ 4-250, HCBT/ 6-355, HCBT/ 6-400
- Verkrijgbaar model HCBT/ 6-400 met 230/400 V motor
- Verkrijgbaar modellen tot to HCBT-1000
- ⊕ II 2G Ex e II T3
- ATEX - Dust

Voor de modellen 800 tot 1000
Brandbare stofdeeltjes en geleidende stof:
⊕ II 3D Ex tc IIIB T125°C

Geleidende stof:
⊕ II 3D Ex tc IIIC T125°C (met IP65 motor)

Bedrijfstemperaturen van ATEX versies:
Van -20 °C tot +55 °C:

- modellen HCBT/4-315 tot HCBT/4-710
- modellen HCBT/6-450 tot HCBT 6-710
- Van -20 °C tot +40 °C:
- model HCBT/4-800 tot 1000
- model HCBT/6-800 tot 1000

Voor selectie van HCBT ATEX raadpleeg Easyvent.

Opm. De elektrische gegevens kunnen afwijken bij ATEX motoren.



BESCHERMING



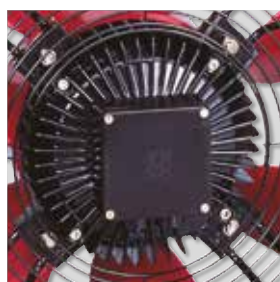
Versies



Compact design Motor waaier combinatie



Corrosiebestendigheid
Montageplaat, motorsteun en beschermrooster, beschermd door kataforese grondlaag
Afwerking met zwarte polyester verflaag. Roestvrij stalen schroeven.



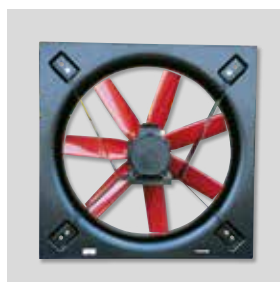
Brandwerende aansluitdoos
Aansluitdoos met wartel PG-11.



Waaier dynamisch uitgebalanceerd
Waaiers zijn dynamisch uitgebalanceerd, conform de ISO 1940 norm, waardoor deze trillingsvrij werken.



Groter diversiteit in waaiers.
Afhankelijk van de toepassing.



Configuratie voor modellen Ø 800 tot 1000
Speciaal design van motor boven waaier, wat zorgt voor compactheid (IP55).

TECHNISCHE GEGEVENS MET KUNSTSTOF WAAIERS (HCGB, HCFB, HCGT & HCFT) MET ALUMINIUM WAAIERS

Controleer vóór het tot stand brengen van een elektrische aansluiting of de spanning en de frequentie van het lichtnet overeenkomen met de technische gegevens op het typeplaatje.

Model	Toerental (r.p.m.)	Ø klep (mm)	Maximaal opgenomen vermogen (W)	Maximale stroom (A)		Geluids- druk (dB(A))	Maximale capaciteit (m³/h)	Gewicht (Kg)	Snelheidsregelaar		Frequentieregelaar	
				bij 230 V	bij 400 V				REB	SPTM**	VFTM**	VFKB**
ENKELFASIG 4 POLEN												
HCBB/4-250/H	1325	250	84	0,4	–	49	1.130	5	REB-1	SPTM-2-1,5	–	–
HCBB/4-315/H	1235	315	124	0,7	–	55	2.220	7	REB-1	SPTM-2-1,5	–	–
HCBB/4-355/H	1385	355	193	0,9	–	59	3.590	8	REB-2,5	SPTM-2-1,5	–	–
HCBB/4-400/H	1360	400	315	1,5	–	62	4.830	9	REB-2,5	SPTM-2-3,5	–	–
HCBB/4-450/H	1410	450	626	2,8	–	65	7.180	13	REB-5	SPTM-2-3,5	–	–
HCBB/4-500/H	1370	500	762	3,3	–	68	8.850	16	REB-5	SPTM-2-3,5	–	–
HCBB/4-560/H	1390	560	1433	6,5	–	70	13.400	22	REB-10	SPTM-2-8	–	–
HCBB/4-630/H	1360	630	1879	8,3	–	71	16.720	25	–	–	–	–
ENKELFASIG 6 POLEN												
HCBB/6-355/H	900	355	84	0,4	–	48	2.230	8	REB-1	SPTM-2-1,5	–	–
HCBB/6-400/H	845	400	112	0,5	–	51	3.010	9	REB-1	SPTM-2-1,5	–	–
HCBB/6-450/H	935	450	191	0,8	–	54	4.400	13	REB-2,5	SPTM-2-1,5	–	–
HCBB/6-500/H	915	500	244	1,1	–	57	5.620	16	REB-2,5	SPTM-2-3,5	–	–
HCBB/6-560/H	930	560	449	1,9	–	59	8.950	22	REB-2,5	SPTM-2-3,5	–	–
HCBB/6-630/H	915	630	588	2,9	–	62	10.950	25	REB-5	SPTM-2-3,5	–	–
DRIEFASIG 4 POLEN												
HCBT/4-250/H	1330	250	81	0,3	0,2	49	1.120	5	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-315/H	1330	315	125	0,5	0,3	55	2.380	7	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-355/H	1380	355	181	0,8	0,5	59	3.530	8	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-400/H	1340	400	283	1,2	0,7	62	5.020	9	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-450/H	1350	450	547	1,7	1,0	65	6.800	13	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/4-500/H	1390	500	809	2,7	1,6	68	9.140	16	–	SPTM-3-2,5	VFTM-Tri 0,75	VFKB-45
HCBT/4-560/H	1390	560	1287	4,0	2,3	70	12.950	22	–	SPTM-3-2,5	VFTM-Tri 0,75	VFKB-45
HCBT/4-630/H	1385	630	1736	5,4	3,1	73	16.840	25	–	–	VFTM-Tri 1,1	VFKB-45
HCBT/4-710/H	1350	710	2554	7,6	4,4	74	22.400	27	–	–	VFTM-Tri 2,2	VFKB-45
HCBT/4-800/L-X-1,5	1410	800	2632	7,3	4,2	78	23.290	37	–	–	VFTM-Tri 1,5	VFKB-45
HCBT/4-800/H-X-3	1440	800	4595	12,8	7,4	84	33.100	52	–	–	VFTM-Tri 4	VFKB-48
HCBT/4-900/L-X-3	1450	900	3909	12,0	6,9	82	34.270	96	–	–	VFTM-Tri 3	VFKB-48
HCBT/4-900/H-X-5,5	1455	900	7893		13,4	87	46.270	112	–	–	VFTM-Tri 5,5	–
HCBT/4-1000/L-X-3	1415	1000	5048	14,2	8,2	86	39.910	67	–	–	VFTM-Tri 3	VFKB-48
HCBT/4-1000/H-X-5,5	1440	1000	9227		15,1	93	49.200	95	–	–	VFTM-Tri 5,5	–
DRIEFASIG 6 POLEN												
HCBT/6-355/H	900	355	91	0,3	0,2	48	2.270	8	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/6-400/H	840	400	120	0,5	0,3	51	3.050	9	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/6-450/H	925	450	198	0,9	0,5	54	4.620	13	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/6-500/H	905	500	282	1,1	0,6	57	6.190	16	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/6-560/H	895	560	401	1,4	0,8	59	8.650	22	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/6-630/H	910	630	596	2,3	1,3	62	10.950	25	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCBT/6-710/H	950	710	953	4,7	2,7	65	15.350	27	–	SPTM-3-5	VFTM-Tri 1,5	VFKB-45
HCBT/6-800/L-X-0,55	940	800	1025	3,3	1,9	73	17.600	31	–	–	VFTM-Tri 0,75	VFKB-45
HCBT/6-800/H-X-0,75	935	800	1309	4,2	2,4	75	20.630	36	–	–	VFTM-Tri 1,1	VFKB-45
HCBT/6-900/L-X-1,1	960	900	1341	4,8	2,8	74	23.700	54	–	–	VFTM-Tri 1,5	VFKB-45
HCBT/6-900/H-X-1,5	955	900	2289	7,3	4,2	78	32.300	95	–	–	VFTM-Tri 1,5	VFKB-45
HCBT/6-1000/L-X-1,1	940	1000	1855	5,9	3,4	79	28.810	56	–	–	VFTM-Tri 1,5	VFKB-45
HCBT/6-1000/H-X-1,5	940	1000	2795	8,5	4,9	84	37.710	62	–	–	VFTM-Tri 2,2	VFKB-45

* Geluidsdruk gemeten in vrije veld condities, op een afstand equivalent aan 3 maal de diameter van de waaier, met een minimum van 1,5 meter.

** De driefaseregelaars (SPTM) of frequency regelaar (VFKB / VFTM) worden aanbevolen bij 400 V

TECHNISCHE GEGEVENS MET KUNSTSTOF WAAIERS (HCGB, HCFB, HCGT & HCFT)

Controleer vóór het tot stand brengen van een elektrische aansluiting of de spanning en de frequentie van het lichtnet overeenkomen met de technische gegevens op het typeplaatje.

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				bij 230 V	bij 400 V				REB	SPTM-2**	VFTM**	VFKB**
ENKELFASIG 2 POLEN												
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	–	–	–	–
ENKELFASIG 4 POLEN												
HCFB/4-250/H	1380	250	77	0,3	–	49	1.090	5	REB-1	SPTM-2-1,5	–	–
HCFB/4-315/H	1340	315	125	0,6	–	55	2.220	7	REB-1	SPTM-2-1,5	–	–
HCFB/4-355/H	1415	355	168	0,7	–	59	3.470	8	REB-2,5	SPTM-2-1,5	–	–
HCFB/4-400/H	1420	400	271	1,2	–	62	4.920	9	REB-2,5	SPTM-2-3,5	–	–
HCFB/4-450/H	1380	450	471	2,0	–	65	6.830	13	REB-2,5	SPTM-2-3,5	–	–
HCFB/4-500/H	1400	500	671	2,9	–	68	9.140	16	REB-5	SPTM-2-3,5	–	–
HCFB/4-560/H	1410	560	1102	4,7	–	70	12.980	22	REB-5	SPTM-2-8	–	–
HCFB/4-630/H	1380	630	1573	7,1	–	73	17.230	25	–	–	–	–
ENKELFASIG 6 POLEN												
HCFB/6-315/H	990	315	80	0,4	–	45	1.620	7	REB-1	SPTM-2-1,5	–	–
HCFB/6-355/H	920	355	81	0,4	–	48	2.250	8	REB-1	SPTM-2-1,5	–	–
HCFB/6-400/H	885	400	100	0,4	–	51	2.980	9	REB-1	SPTM-2-1,5	–	–
HCFB/6-450/H	920	450	103	0,7	–	54	3.510	13	REB-2,5	SPTM-2-1,5	–	–
HCFB/6-500/H	920	500	224	1,0	–	57	6.030	16	REB-2,5	SPTM-2-3,5	–	–
HCFB/6-560/H	905	560	321	1,3	–	59	8.180	22	REB-2,5	SPTM-2-3,5	–	–
HCFB/6-630/H	915	630	469	2,0	–	62	11.000	25	REB-5	SPTM-2-3,5	–	–
DRIEFASIG 2 POLEN												
HCGT/2-315/L	2630	315	461	2,4	1,4	68	3.790	7	–	–	VFTM-Tri 0,37	VFKB-45
HCGT/2-355/I	2570	355	497	2,4	1,4	71	4.490	8	–	–	VFTM-Tri 0,37	VFKB-45
DRIEFASIG 4 POLEN												
HCFT/4-250/H	1365	250	73	0,3	0,2	49	1.110	5	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/4-315/H	1340	315	124	0,5	0,3	55	2.170	7	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/4-355/H	1385	355	171	0,9	0,5	59	3.550	8	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/4-400/H	1370	400	250	1,0	0,6	62	4.790	9	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/4-450/H	1380	450	449	1,4	0,8	65	6.640	13	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/4-500/H	1460	500	767	3,5	2,0	68	9.750	16	–	SPTM-3-2,5	VFTM-Tri 0,55	VFKB-45
HCFT/4-560/H	1390	560	1051	3,8	2,2	70	12.500	22	–	SPTM-3-2,5	VFTM-Tri 0,75	VFKB-45
HCFT/4-630/H	1425	630	1582	5,0	2,9	73	17.900	25	–	–	VFTM-Tri 1,1	VFKB-45
HCFT/4-710/H	1375	710	2413	7,4	4,3	74	22.140	27	–	–	VFTM-Tri 1,5	VFKB-45
HCFT/4-800/L-X-1,5	1420	800	2308	6,6	3,8	78	22.780	37	–	–	VFTM-Tri 1,5	VFKB-45
HCFT/4-800/H-X-3	1450	800	4344	12,5	7,2	84	33.410	52	–	–	VFTM-Tri 4	VFKB-48
HCFT/4-900/L-X-3	1460	900	3845	11,3	6,5	82	25.550	94	–	–	VFTM-Tri 3	VFKB-48
HCFT/4-900/H-X-5,5	1460	900	7090	–	12,3	87	45.550	110	–	–	VFTM-Tri 5,5	–
HCFT/4-1000/L-X-3	1440	1000	5098	14,2	8,2	86	38.800	67	–	–	VFTM-Tri 4	VFKB-48
HCFT/4-1000/H-X-5,5	1450	1000	8053	–	13,5	93	47.370	95	–	–	VFTM-Tri 7,5	–
DRIEFASIG 6 POLEN												
HCFT/6-355/H	925	355	83	0,3	0,2	48	2.260	8	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/6-400/H	880	400	107	0,5	0,3	51	3.070	9	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/6-450/H	910	450	146	0,5	0,3	54	4.440	13	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/6-500/H	920	500	240	1,0	0,6	57	6.350	16	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/6-560/H	925	560	337	1,2	0,7	59	8.320	22	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/6-630/H	920	630	534	2,1	1,2	62	11.400	25	–	SPTM-3-1,5	VFTM-Tri 0,37	VFKB-45
HCFT/6-710/G	955	710	888	4,5	2,6	65	16.260	27	–	SPTM-3-5	VFTM-Tri 1,5	VFKB-45
HCFT/6-800/L-X-0,55	940	800	1042	3,5	2,0	73	18.310	31	–	–	VFTM-Tri 0,75	VFKB 45
HCFT/6-800/H-X-0,75	945	800	1160	3,8	2,2	75	19.960	36	–	–	VFTM-Tri 1,1	VFKB 45
HCFT/6-900/L-X-1,1	965	900	1266	4,7	2,7	74	23.160	86	–	–	VFTM-Tri 1,5	VFKB 45
HCFT/6-900/H-X-1,5	955	900	2202	7,1	4,1	78	31.720	93	–	–	VFTM-Tri 1,5	VFKB 45
HCFT/6-1000/L-X-1,1	940	1000	1749	5,7	3,3	79	28.970	54	–	–	VFTM-Tri 1,5	VFKB 45
HCFT/6-1000/H-X-1,5	945	1000	2627	8,1	4,7	84	37.980	62	–	–	VFTM-Tri 2,2	VFKB 45

* Geluidsdruk gemeten in vrije veld condities, op een afstand equivalent aan 3 maal de diameter van de waaier, met een minimum van 1,5 meter.

** De driefaseregelaars (SPTM-2) of frequency regelaar (VFKB / VFTM) worden aanbevolen bij 400 V

TYPEVERKLARING

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

1 - H: Axiale muurventilator.

2 - C: Serie letter.

3 - Soort waaier:

F: Ø 250-Ø 630 Kunststof waaier met vaste schoepen.

Ø 710 - Ø 1000 Waaier met aluminium naaf + verstelbare kunststof schoepen.

G: Kunststof waaier met verstelbare schoepen.

B: Ø 250-Ø 400 Aluminium waaier met vaste schoepen Ø 450 - Ø 1000 Aluminium waaier met verstelbare schoepen.

4 - Spanning:

B: Enkelfasig.

T: Driefasig.

5 - Aantal polen:

2: [ca. 2900 tpm - 50 Hz]

4: [ca. 1400 tpm - 50 Hz]

6: [ca. 900 tpm - 50 Hz]

6 - Nominale waaierdiameter: (mm)

7 - Schoephoek.

H: Hoog.

B: Laag.

8 - Luchtrichting:

A: Motor-Waaier.

9 - Speciale modellen:

X: Steun zonder beschermrooster.

L: Speciaal voor buitenmontage.

C: Condensgaten.

EX: Explosieveilige uitvoeringen overeenkomstig ATEX richtlijn voor 3 fase ventilatoren:

-EXE: Verhoogde bescherming

⊕ II2G EExeIIT3

-EXD: Vlambestendig voor 800 en 1000 modellen. ⊕ II2G EExdIIBT5 of EExdIICT4

G: Verhoogde corrosiebescherming voor toepassing op landbouwbedrijven.

TF: met roestwerende Teflon coating.

TOEPASSING - ELEKTRISCHE AANSLUITING



Spanning	Motor voeding	Aansluiting	Toerental
ENKELFASE 220V 50Hz, 240V 50Hz	230V 50Hz	See wiring diagram	Hoog
DRIEFASE 220V 50Hz 240V 50Hz	230/400V 50Hz		Hoog
			Laag*
DRIEFASE 380V 50Hz 415V 50Hz	230/400V 50Hz		Hoog
	400V 50Hz		Hoog
			Laag*

* Van 450 tot 630 mm diameter.

GELUIDSDRUK GEGEVENS

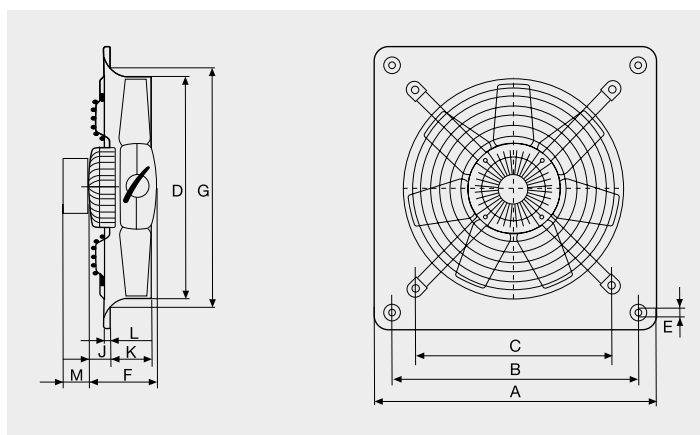
Geluidsdruckspectra in dB(A) per frequentieband in Hz: Het geluidniveau dat in de technische tabellen van de S&P-ventilatoren wordt weergegeven, komt in het algemeen overeen met een druk in dB(A), gemeten in het vrije veld op een afstand die equivalent is met drie keer de waaier diameter met een minimum van 1,5 m bij de waaierventilatoren, en op een afstand van 1,5 m bij de andere ventilatoren, behalve anders vermeld.

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

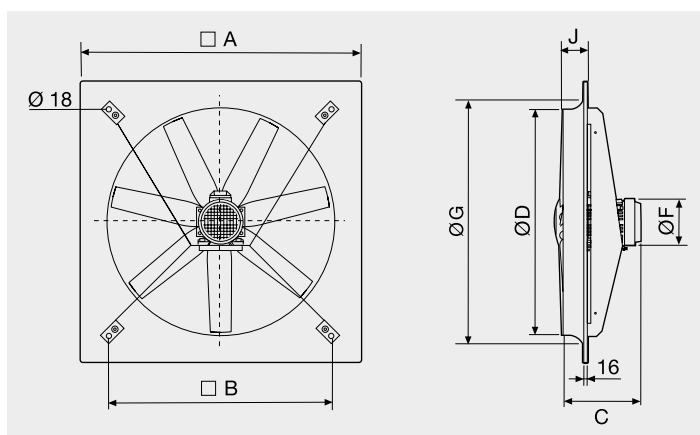
Model	63	125	250	500	1000	2000	4000	8000	LwA
/4-250/H	31	45	52	57	58	57	52	44	63
/4-315/H	42	53	60	62	64	61	56	50	69
/4-355/H	43	58	57	65	70	66	61	54	73
/4-400/H	48	61	62	68	73	69	66	57	76
/4-450/H	46	65	62	68	75	74	69	62	79
/4-500/H	49	68	68	74	78	76	72	65	82
/4-560/H	57	70	74	78	80	78	74	67	85
/4-630/H	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

AFMETINGEN (mm)

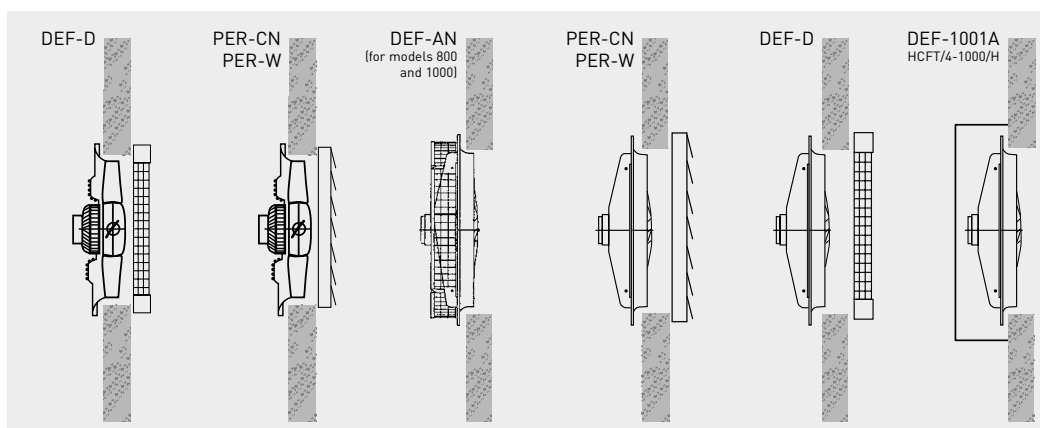


Model	Ø A	Ø B	Ø C	Ø D	Ø E	F			Ø G	J			K	L	M			
						Aantal polen				Aantal polen					Aantal polen		Drief.	Eenf.
						/2	/4	/6		/2	/4	/6						
250	315	260	220	254	10		122		294		59		53	12	60	65		
315	400	330	280	315	10	129	122	122	329	45	32	32	68	12	60	65		
355	450	380	315	355	10	129	129	129	371	45	45	45	75	12	60	65		
400	500	420	355	400	10		129	129	422		40,5	40,5	78	12	60	65		
450	560	480	400	450	10		150	150	476		48	48	91	12	60	65		
500	630	560	450	500	10		150	150	536		112	44,5	97	12	60	65		
560	710	630	510	560	10		218,5	150	596		110,5	42	98,5	12	60	65		
630	800	710	580	630	12		218,5	150	674		110,5	41	103	12	60	65		
710	900	800	636	710	12		220	218,5	733		114	134	91,5	16,5	60	65		



Model	A	B	Ø D	J	Ø G	C				Ø F			
						/4		/6		/4		/6	
						L	H	L	H	L	H	L	H
800	1000	800	800	92	926	345	380	310	345	181	203	162	181
900	1120	900	900	120	1060	392	439	350	392	203	280	181	203
1000	1250	1000	1000	110	1154	380	485	345	380	203	280	181	203

MONTAGE ACCESSOIRES



Model HCFB/HCFT HCBB/HCBT	Beschermroosters		Zelfsluitende jaloeziekleppen		
	Uitblaas	Aanzuig	Kunststof	Aluminium	ATEX versie*
250	DEF-250 D	-	PER-250 W	PER-250 CN	PER-315 Ex
315	DEF-325 D	-	PER-355 W	PER-355 CN	PER-315 Ex
355	DEF-375 D	-	PER-355 W	PER-355 CN	PER-355 Ex
400	DEF-450 D	-	PER-400 W	PER-400 CN	PER-400 Ex
450	DEF-450 D	-	PER-450 W	PER-450 CN	PER-450 Ex
500	DEF-525 D	-	PER-500 W	PER-500 CN	PER-500 Ex
560	DEF-630 D	-	PER-560 W	PER-630 CN	PER-560 Ex
630	DEF-630 D	-	PER-630 W	PER-630 CN	PER-630 Ex
710	DEF-800 D	-	PER-710 W	PER-710 CN	PER-710 Ex
800	DEF-800 D	DEF-800 AN	PER-800 W	PER-800 CN	-
/4-900/H	DEF-1000 D	DEF-900 AN	PER-1000 W	PER-1000 CN	-
/4-900/L	DEF-1000 D	DEF-901 AN	PER-1000 W	PER-1000 CN	-
/6-900	DEF-1000 D	DEF-901 AN	PER-1000 W	PER-1000 CN	-
1000	DEF-1000 D	DEF-1000 AN	PER-1000 W	PER-1000 CN	-
4-1000 / H	DEF-1000 D	DEF-1001 AN	PER-1000 W	PER-1000 CN	-

* Alleen te gebruiken in combinatie met HCBT ex. versie. Voor meer informatie zie montagesaccessoires.

ELEKTRISCHE ACCESSOIRES



REB-1N / REB-2,5N

Enkelfasige elektronische toerenregelaars



REB-5

Enkelfasige elektronische toerentalregelaar



SPTM

Transformatorregelaars enkelfasig en driefasig



REB-4 Auto

Enkelfasige elektronische toerentalregelaar. Met temperatuursensor



VFTM TRI IP54

Frequencyregelaar voor motoren 230V-400V 0,37-15Kw



VFKB IP65

Frequencyregelaar voor motoren 230V-400V 0,37-4Kw



COM D/S

Ster / Driehoekschakelaar

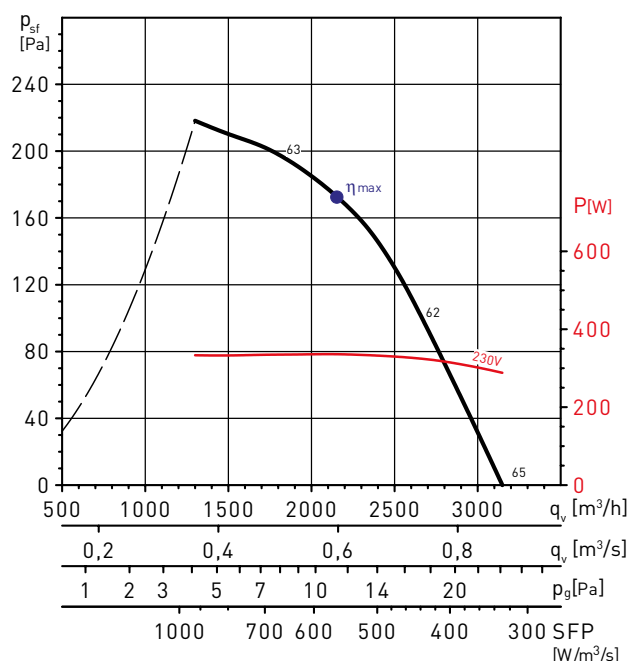
GRAFIEKEN - HCFB/HCFT - HCBB/HCBT

- q_v : Luchtvolume in m^3/h en m^3/s .
- p_{sf} : Statische druk in Pa.
- p_g : Veiligheidsrooster drukverlies in Pa.
- SFP: Specifiek vermogen $W/m^3/s$.
- P: Ogenomen vermogen in W.
- Meet categorie: A.
- Efficiency categorie: statisch.
- Ventilator rendement zonder toeren regeling.
- Ventilator getest zonder rooster.
- Luchtstroom data in overeenstemming met ISO 5801.
- Geluidsdruk $L_p(A)$ gemeten in vrije veld conditie op een afstand gelijk aan 3x de diameter met een minimum van 1,5 m.

Selecteer de luchtcapaciteit in de grafiek, rechts van de stippellijn.

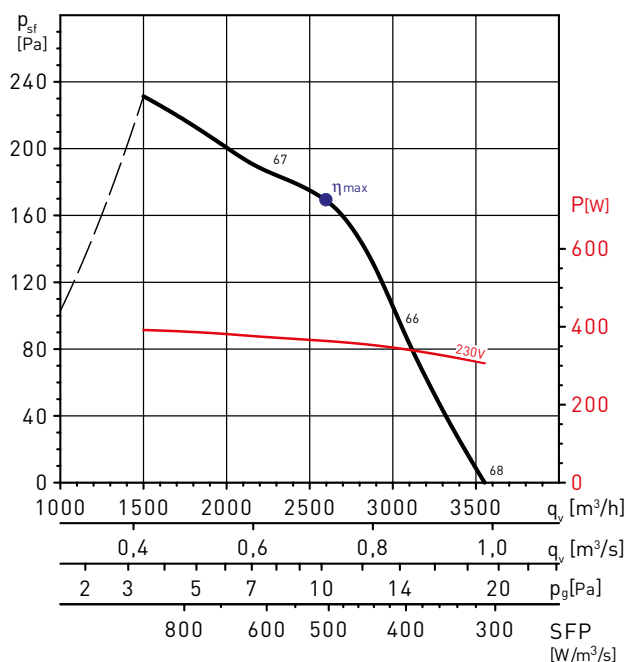
MC	Maatvoering categorie
EC	Rendements categorie
VSD	Snelheidsregeling: geleverd bij de ventilator
SR	Specifieke ratio
η[%]	Totaal rendement
N	Rendement
[kW]	Opgenomen vermogen
[m³/h]	Lucht volume
[Pa]	Statische druk
[RPM]	Snelheid

HCGB/2-315/L



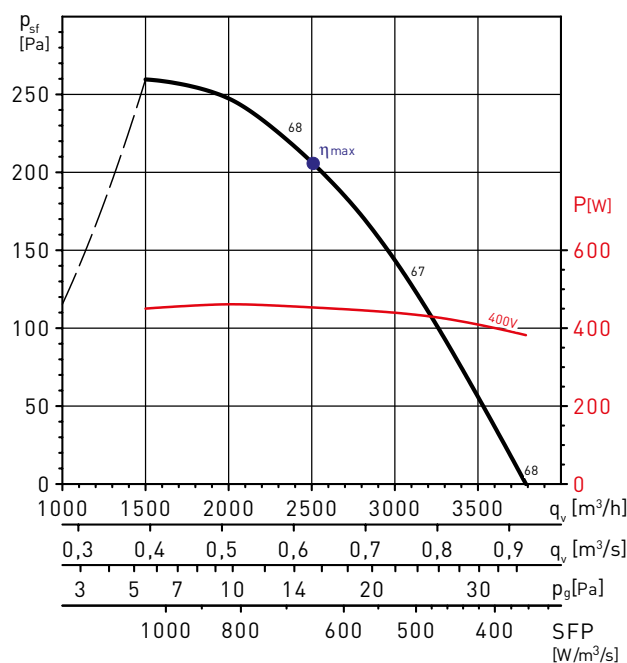
MC	EC	VSD	SR	η [%]	N	[kW]	[m ³ /h]	[Pa]	[RPM]
A	Static	No	1	30,8	40,1	0,336	2106	177	2597

HCGB/2-355/J



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

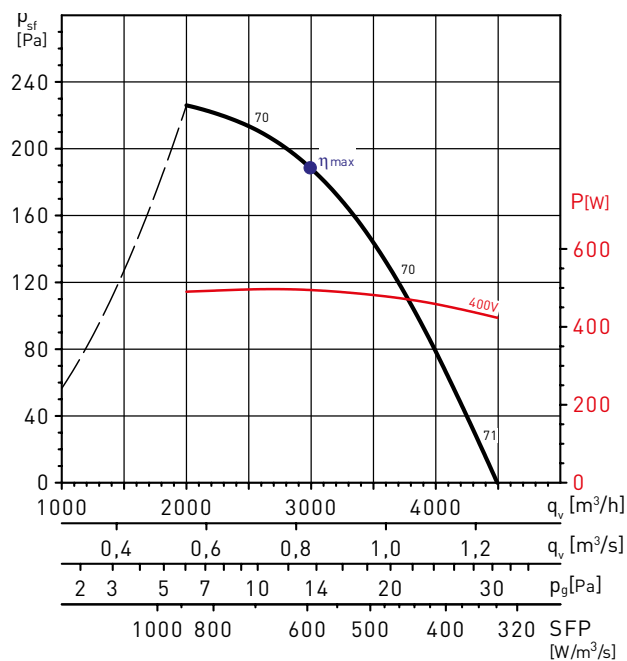
HCGB/2-315/L



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

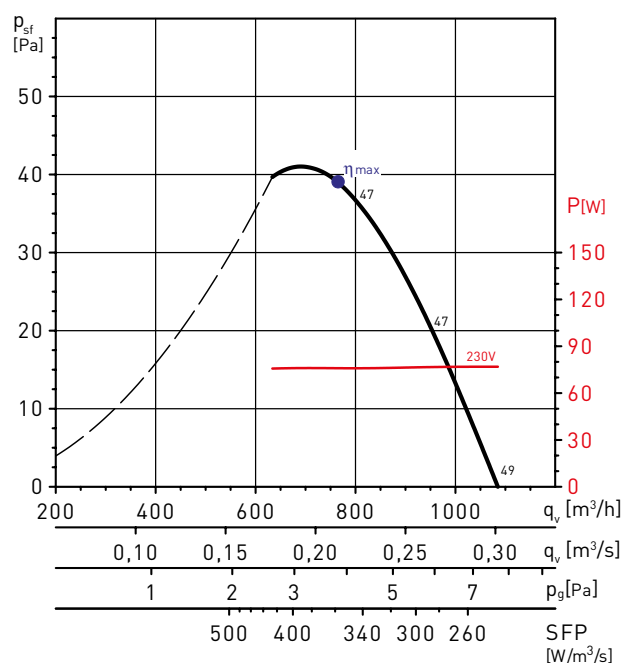
GRAFIEKEN - 2 POLEN

HCGT/2-355/I

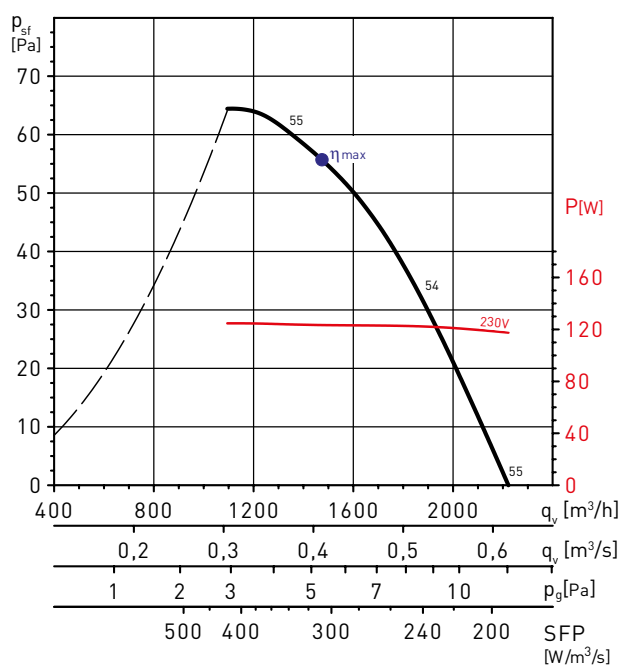


MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	31,7	40,0	0,495	2997	188	2454

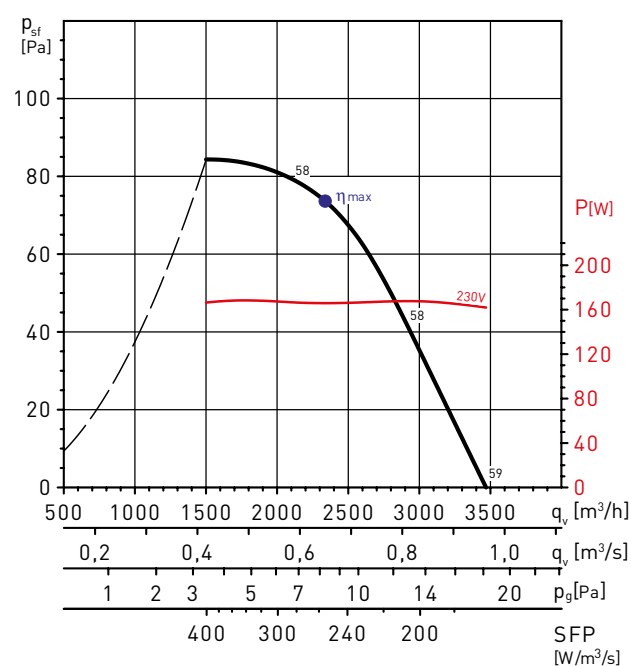
HCFB/4-250/H



HCFB/4-315/H



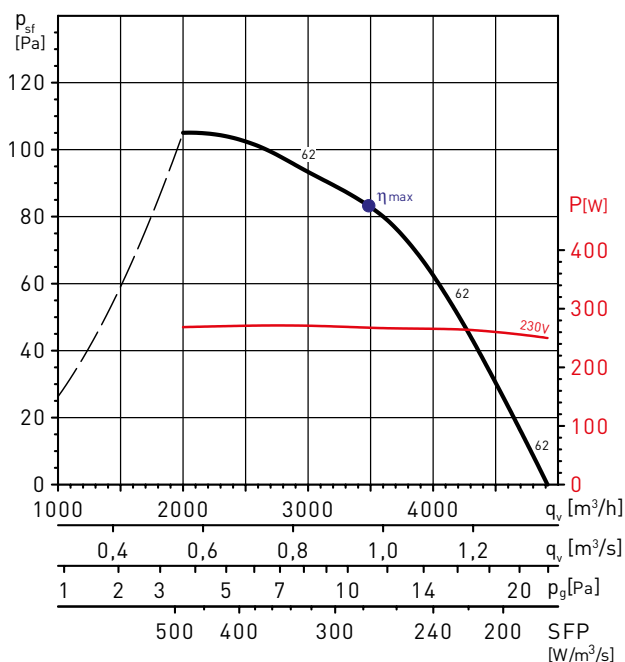
HCFB/4-355/H



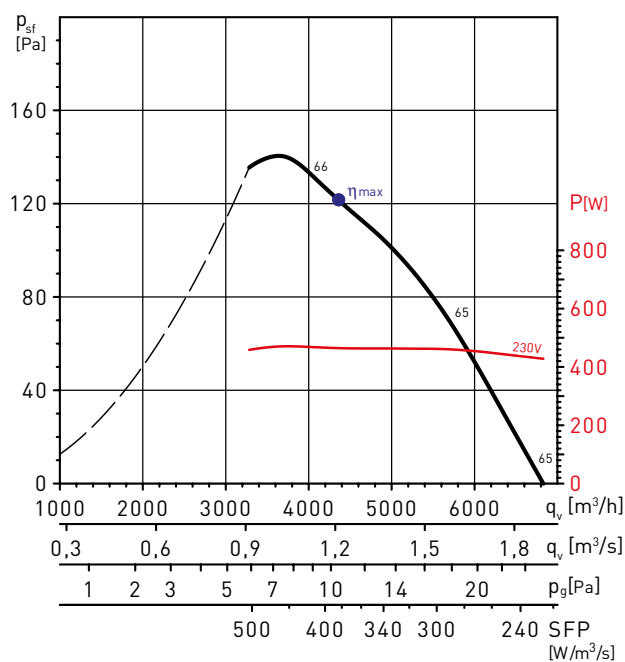
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	28,8	40,1	0,166	2339	74	1406

GRAFIEKEN - 4 POLEN

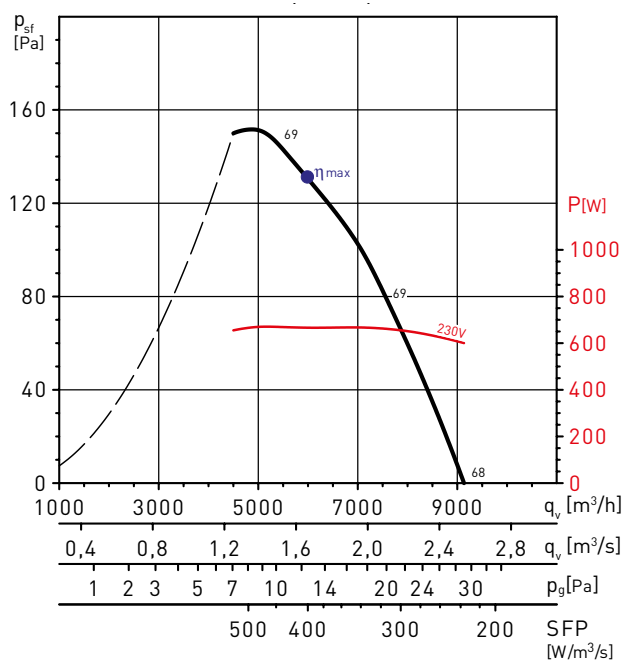
HCFCB/4-400/H



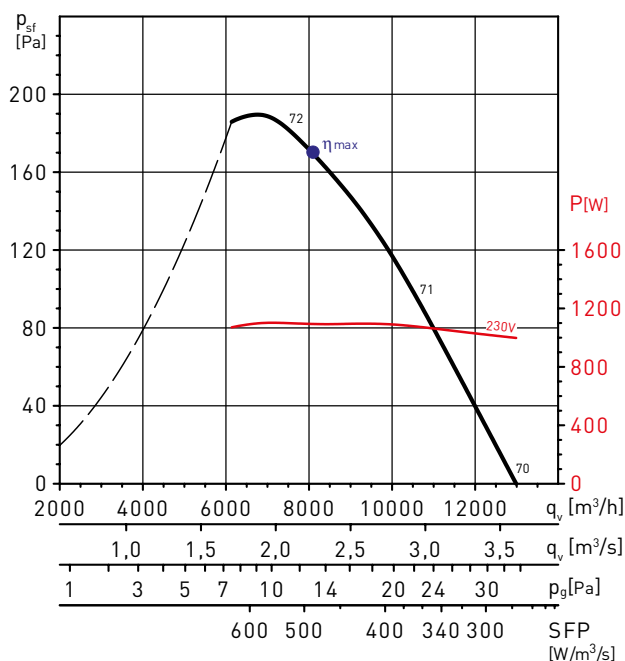
HCFCB/4-450/H



HCFCB/4-500/H

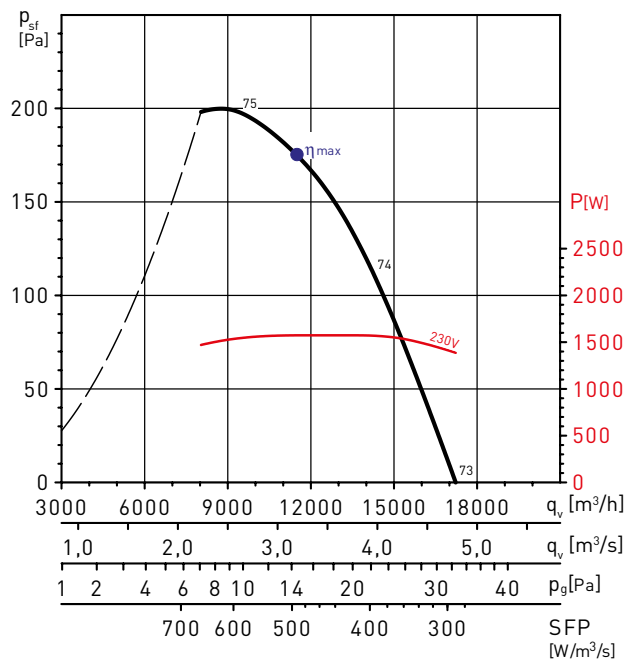


HCFCB/4-560/H



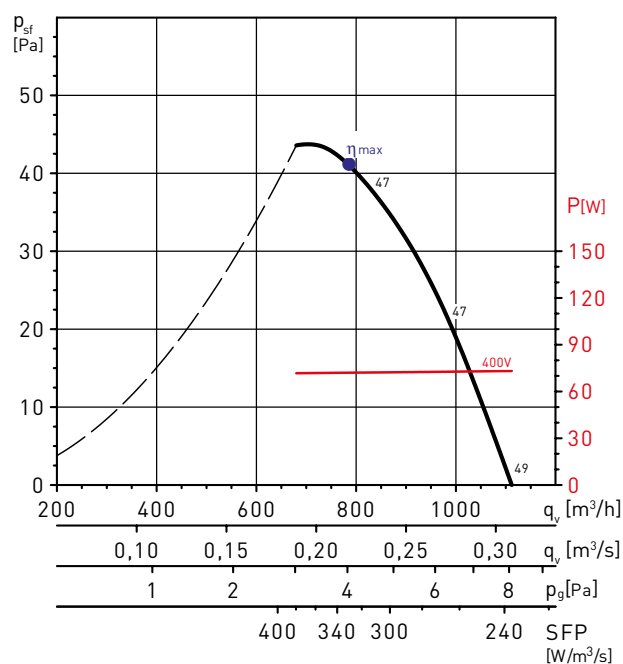
GRAFIEKEN - 4 POLEN

HCFB/4-630/H

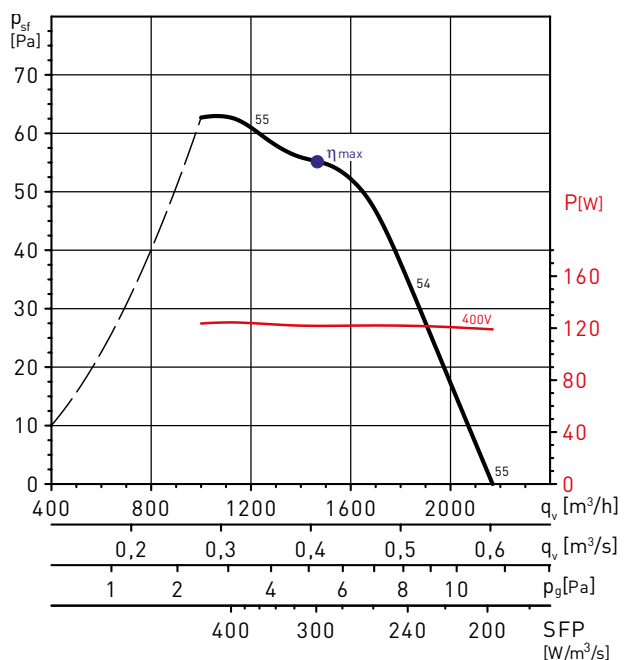


MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	35,5	40,6	1,573	11483	175	1345

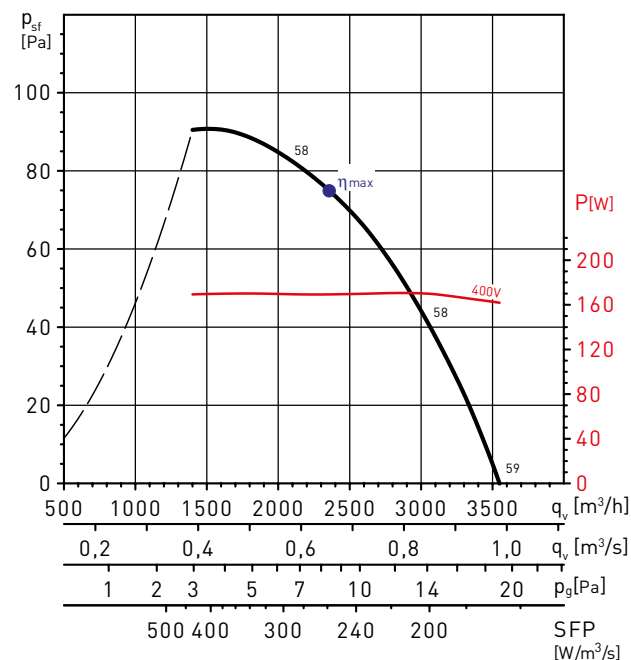
HCFT/4-250/H



HCFT/4-315/H



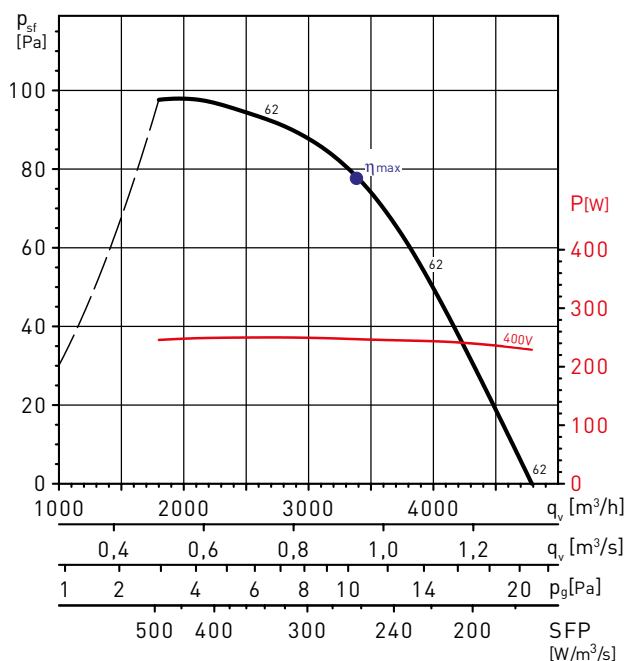
HCFT/4-355/H



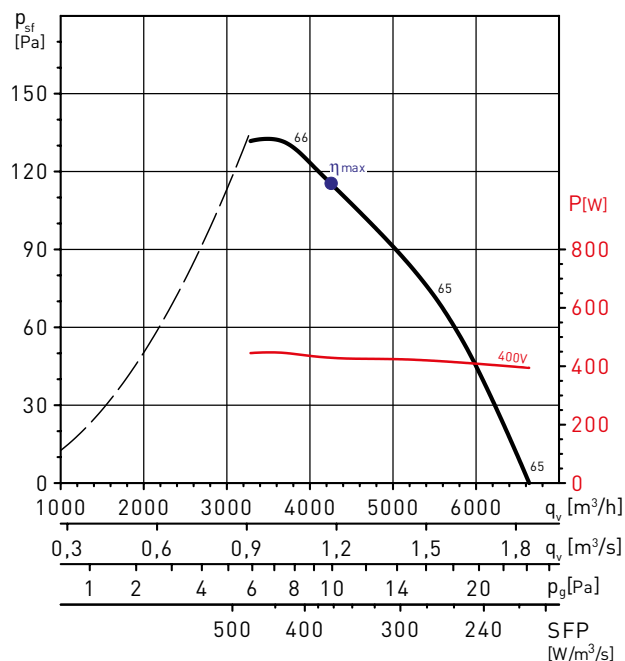
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	29,0	40,2	0,169	2331	76	1379

GRAFIEKEN - 4 POLEN

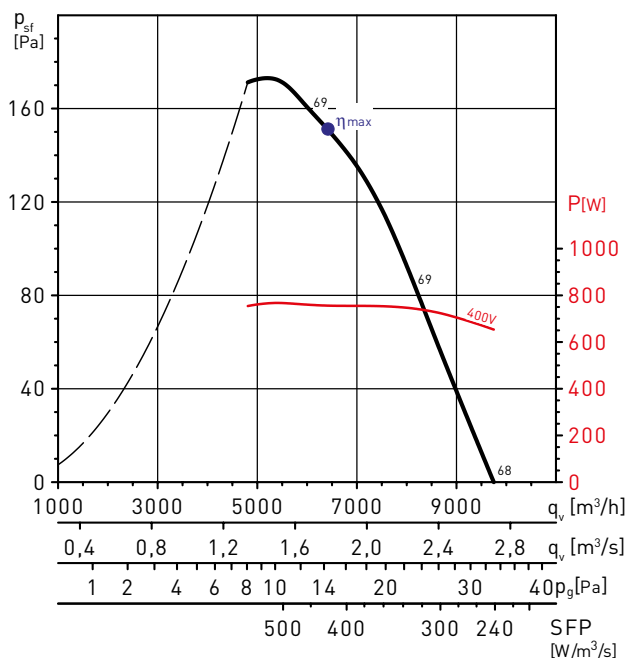
HCFT/4-400/H



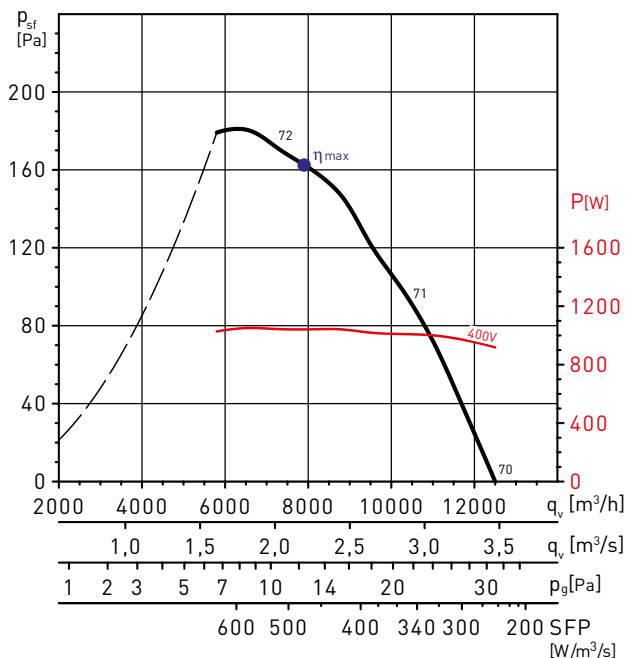
HCFT/4-450/H



HCFT/4-500/H

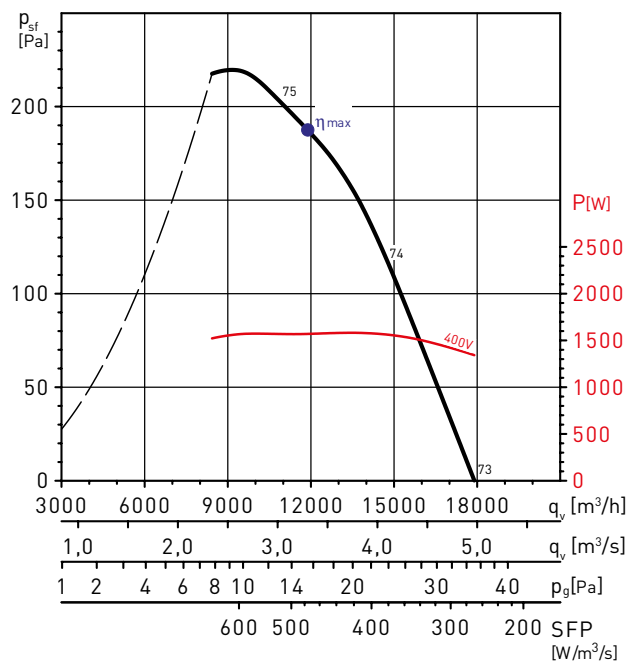


HCFT/4-560/H

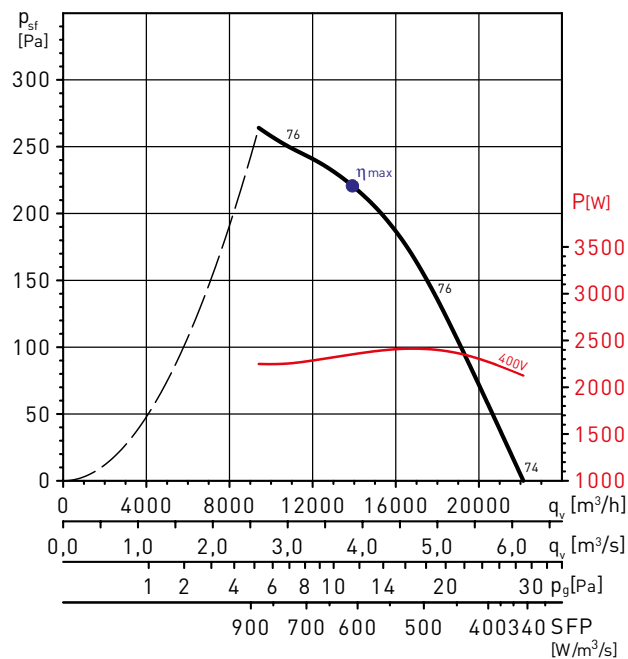


GRAFIEKEN - 4 POLEN

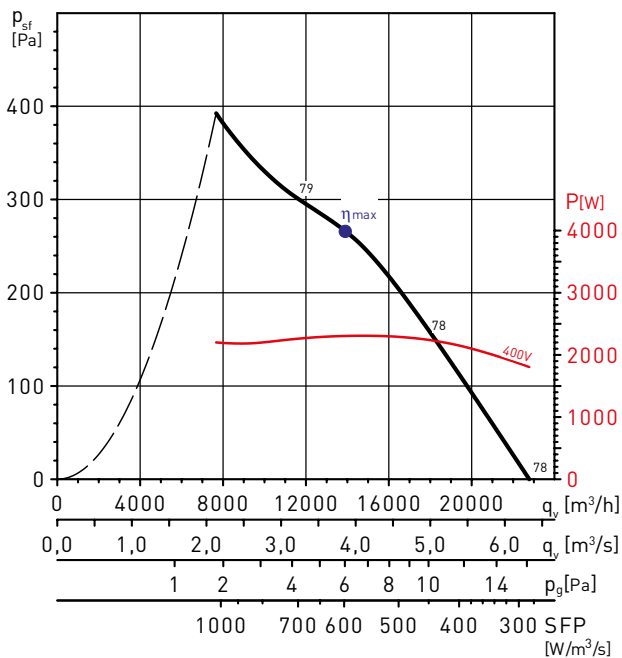
HCFT/4-630/H



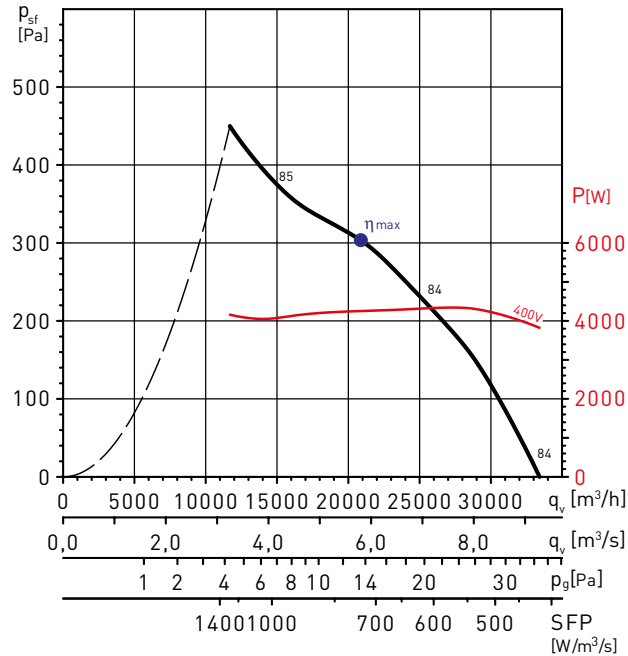
HCFT/4-710/H



HCFT/4-800/L

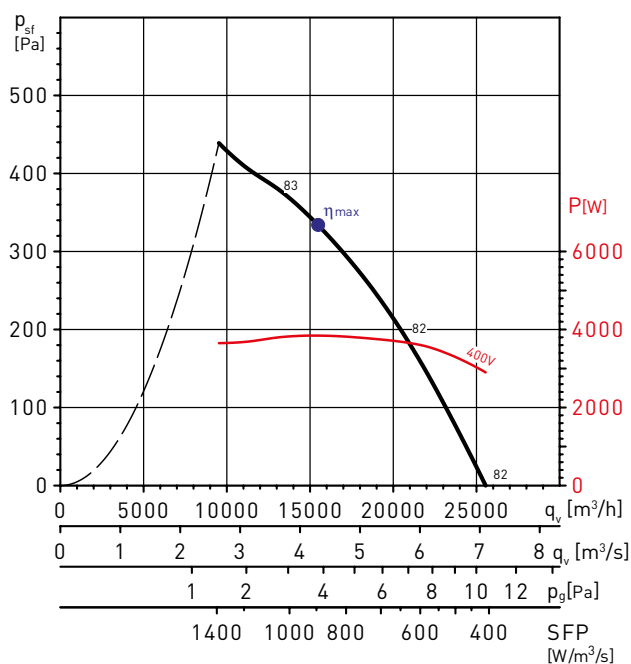


HCFT/4-800/H



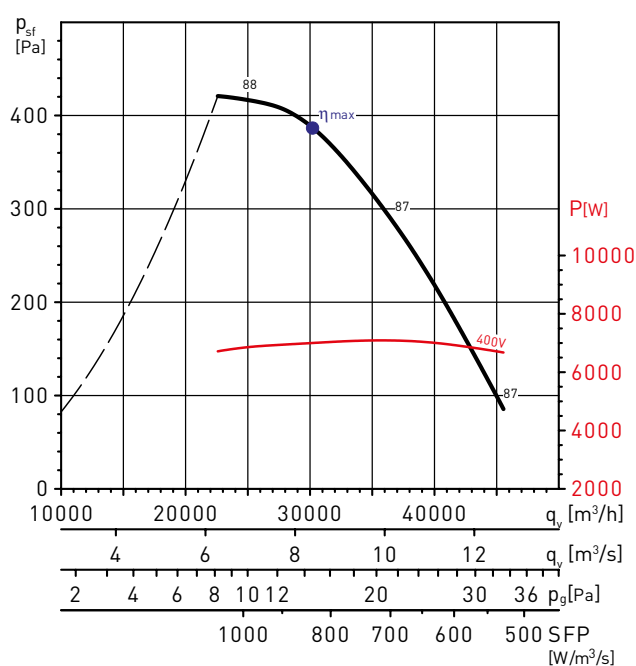
GRAFIEKEN - 4 POLEN

HCFT/4-900/L



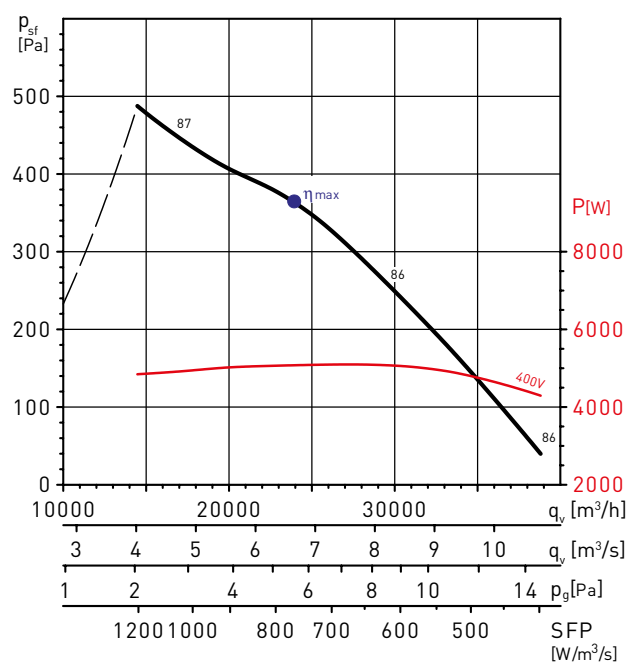
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	37,4	40,0	3,844	15455	334	1442

HCFT/4-900/H



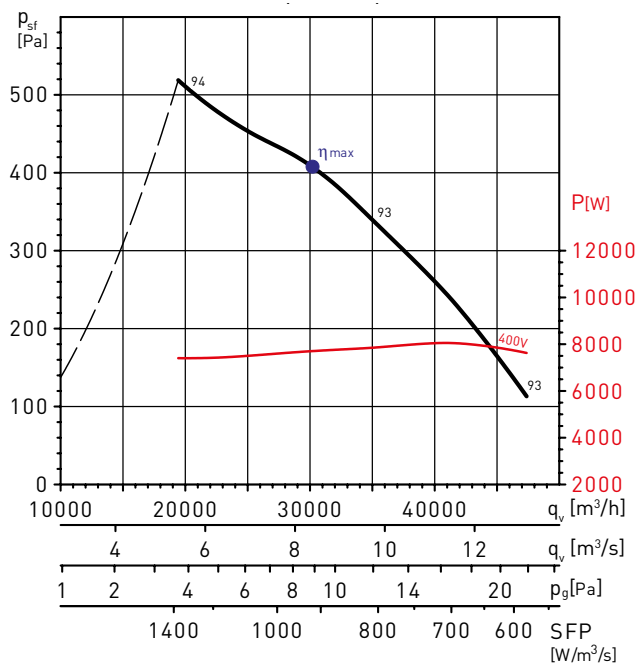
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	46,3	47,3	7,001	30198	387	1455

HCFT/4-1000/L



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

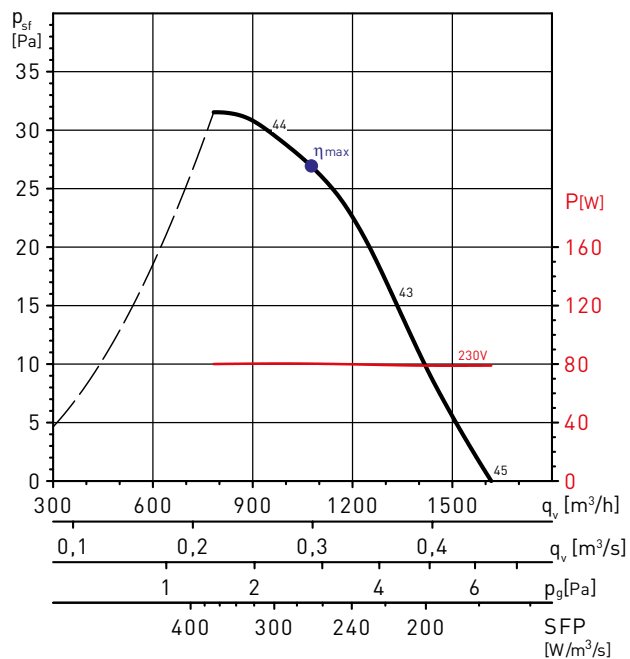
HCFT/4-1000/H



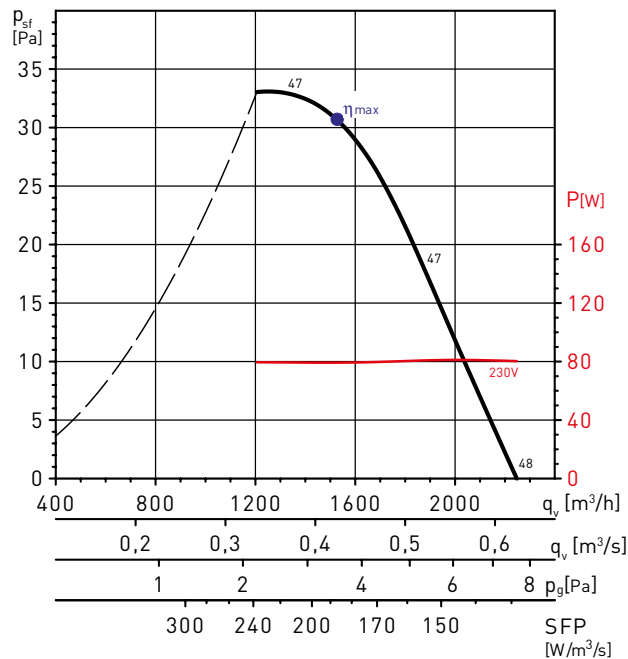
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	44,4	45,1	7,706	30194	408	1438

GRAFIEKEN - 6 POLEN

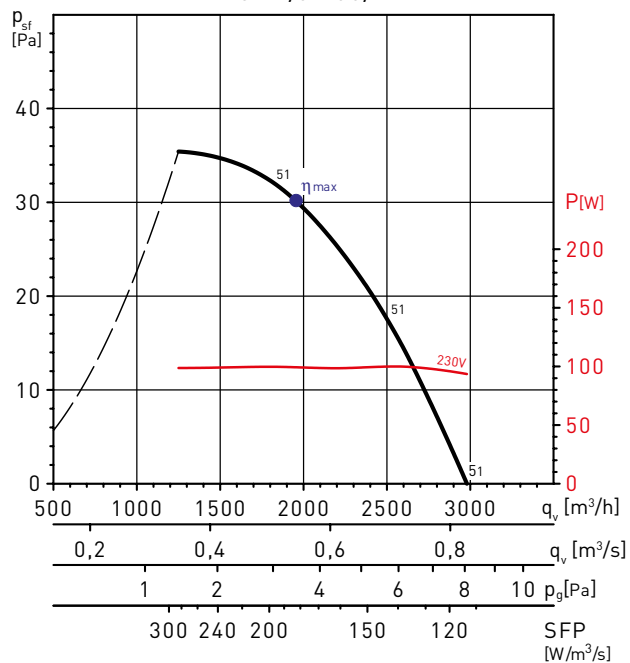
HCFB/6-315/H



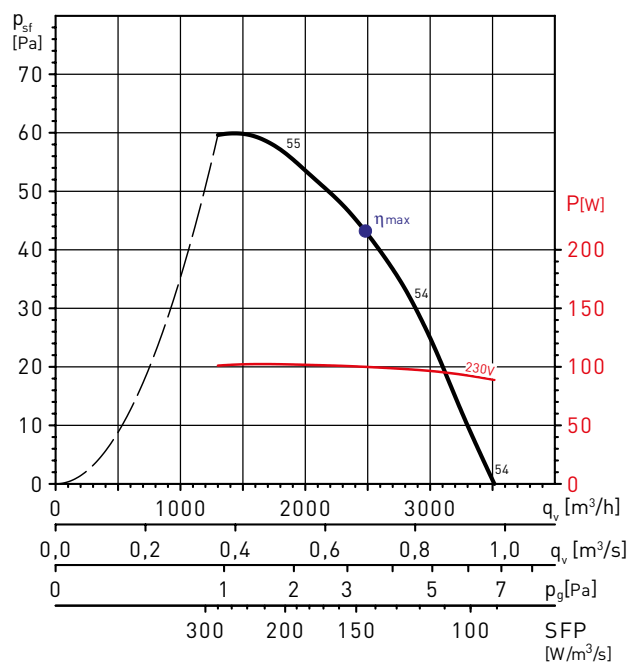
HCFB/6-355/H



HCFB/6-400/H



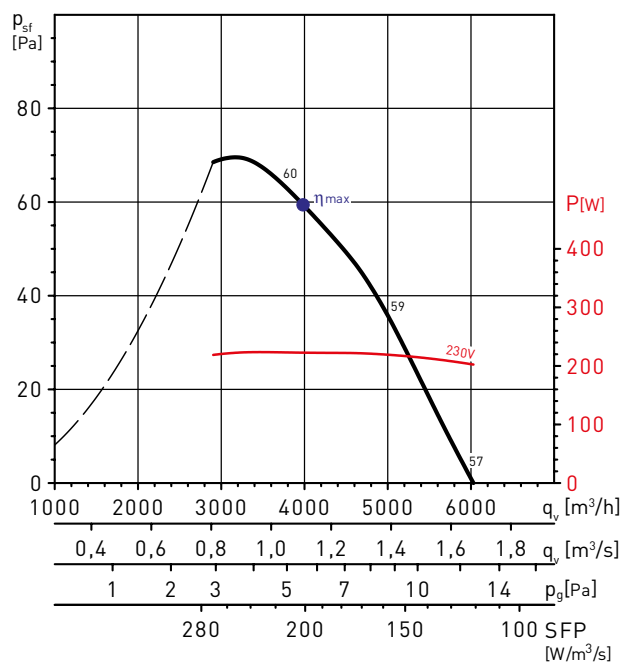
HCFB/6-450/H



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

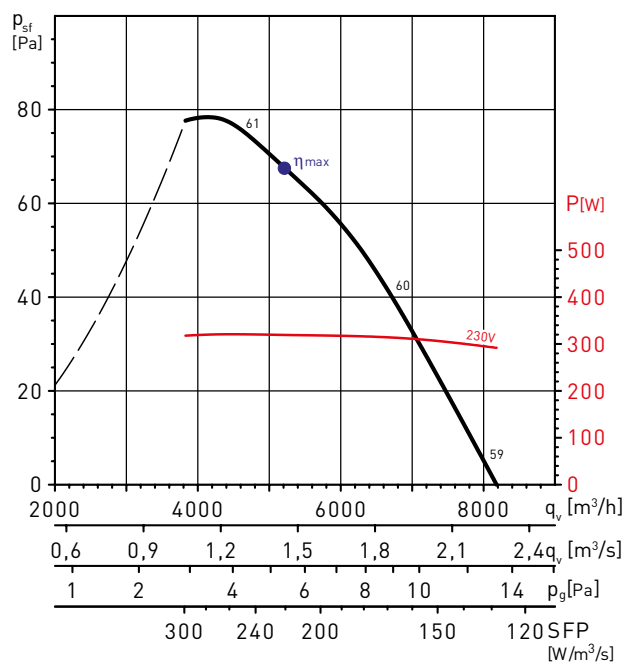
GRAFIEKEN - 6 POLEN

HCFB/6-500/H



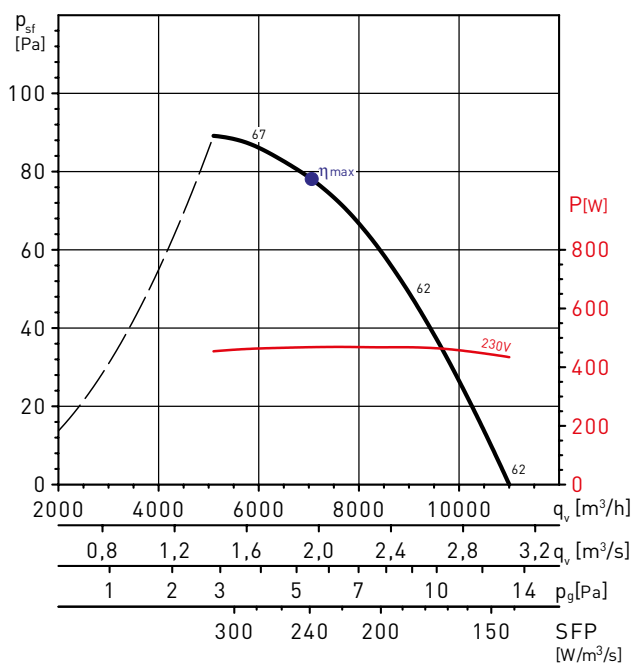
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	29,7	40,1	0,223	3783	63	904

HCFB/6-560/H



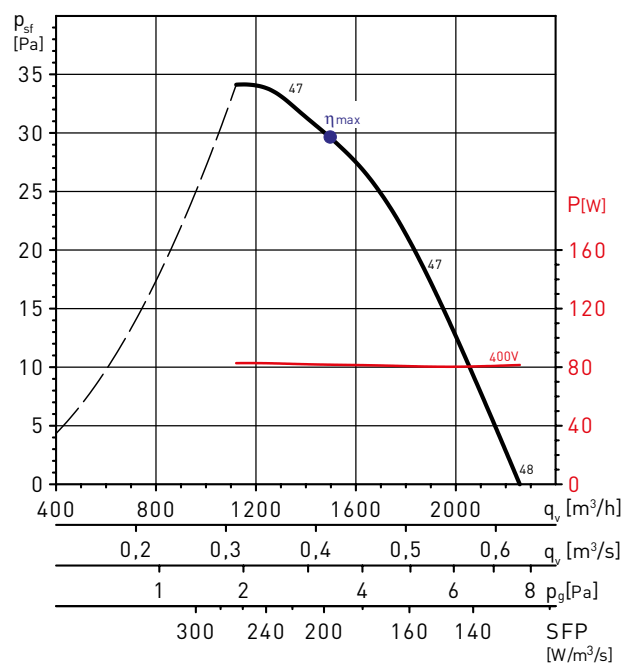
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	30,7	40,2	0,319	5214	68	880

HCFB/6-630/H



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

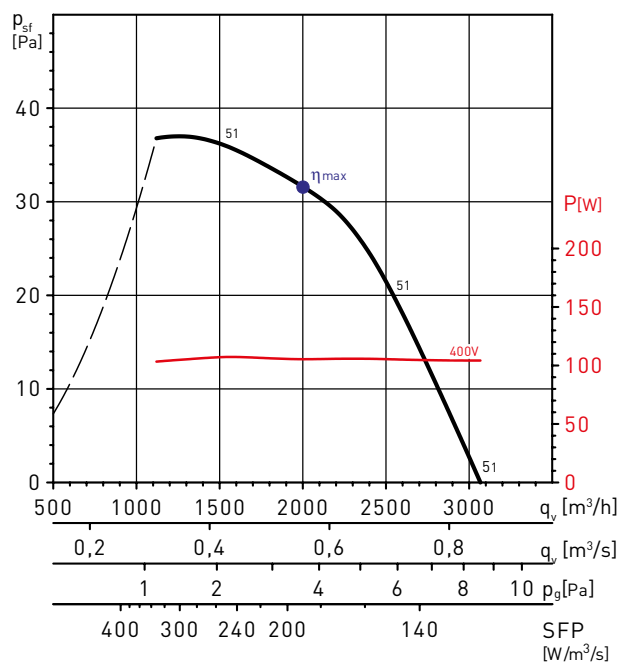
HCFT/6-355/H



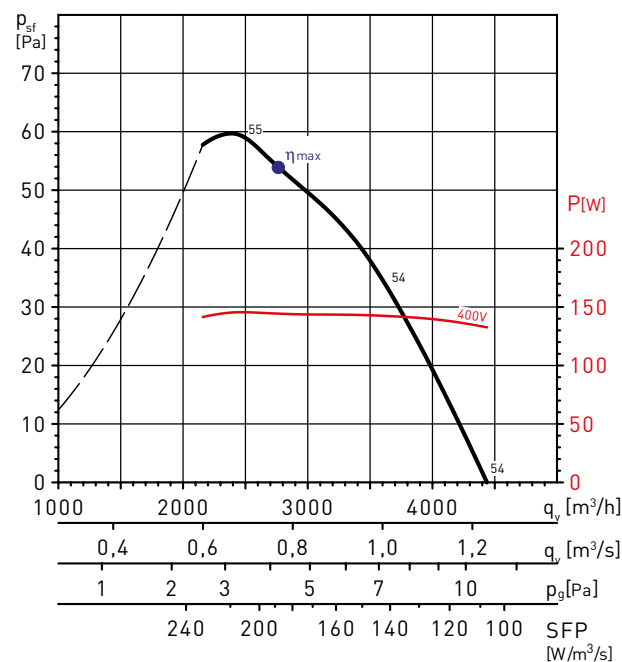
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	32,7	41,1	0,469	7230	76	899

GRAFIEKEN - 6 POLEN

HCFT/6-400/H

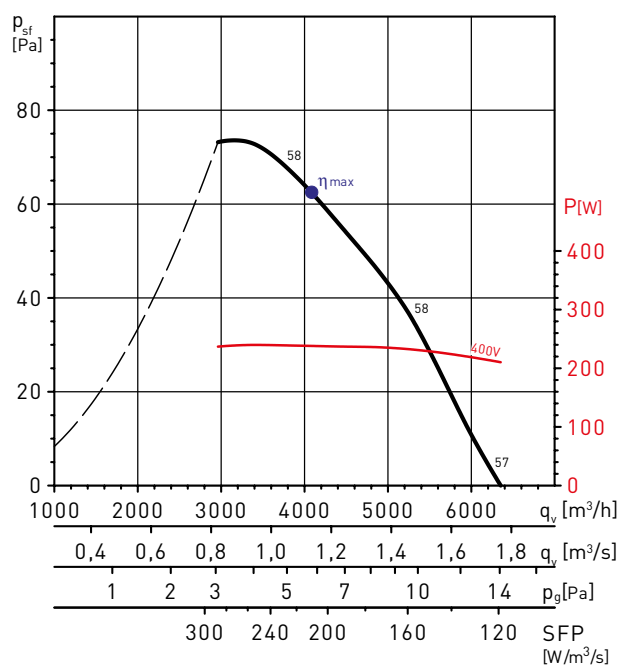


HCFT/6-450/H



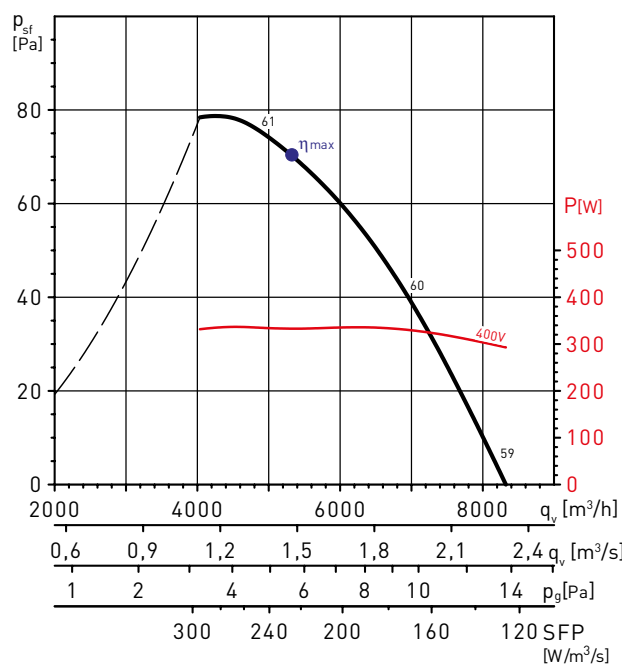
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	28,8	40,4	0,144	2920	51	897

HCFT/6-500/H



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

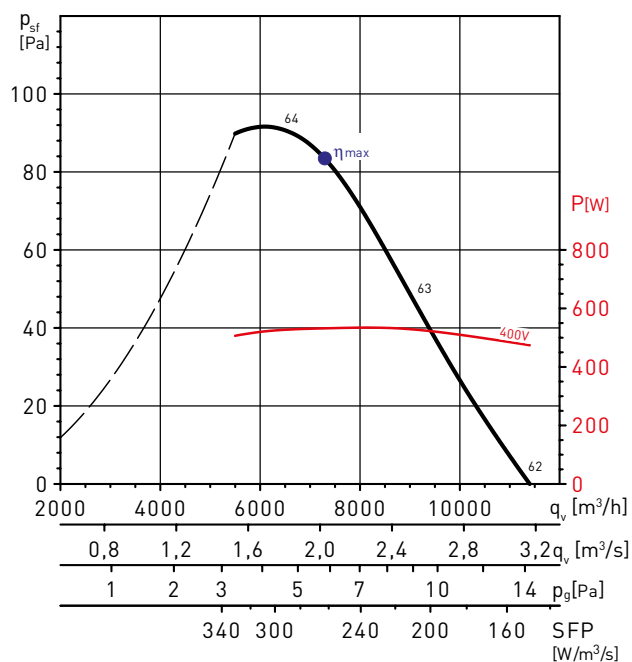
HCFT/6-560/H



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

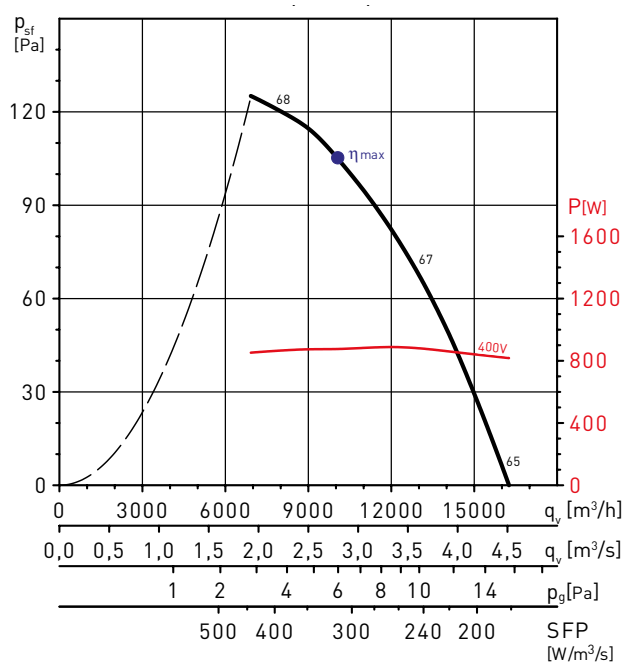
GRAFIEKEN - 6 POLEN

HCFT/6-630/H



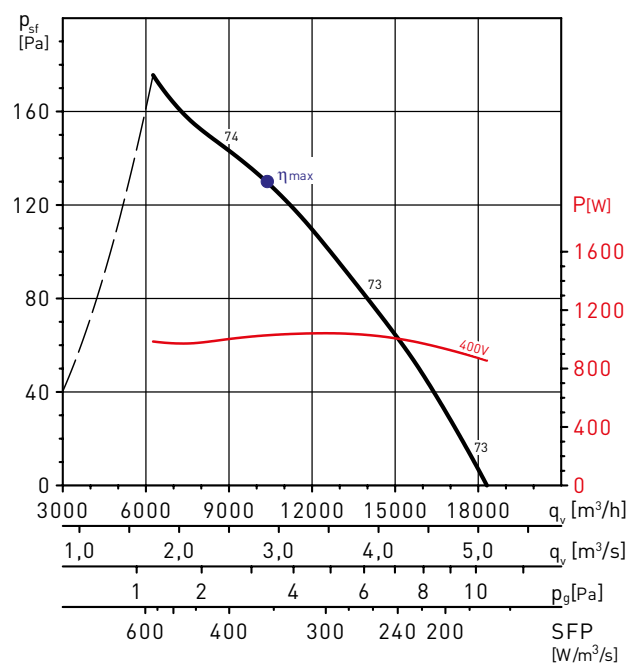
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	31,9	40,0	0,531	7080	86	904

HCFT/6-710/H



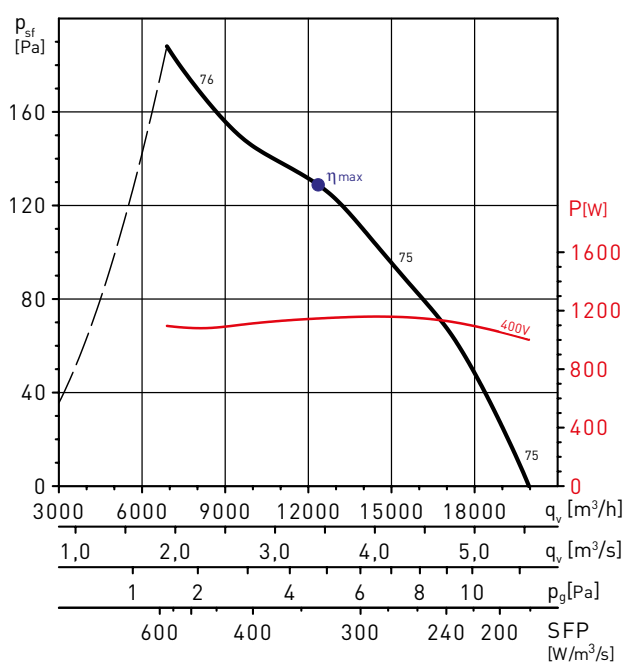
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	33,5	40,2	0,876	10055	105	949

HCFT/6-800/L



MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	36,4	42,7	1,028	10372	130	922

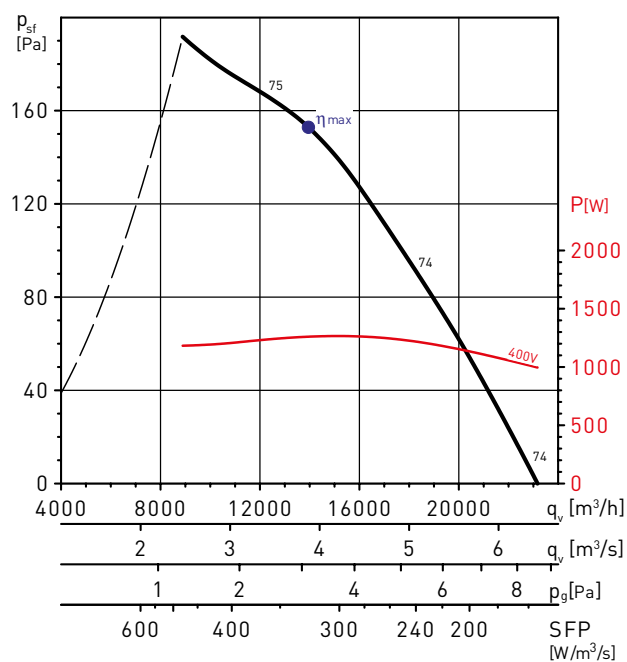
HCFT/6-800/H



MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	38,7	44,7	1,147	12360	129	931

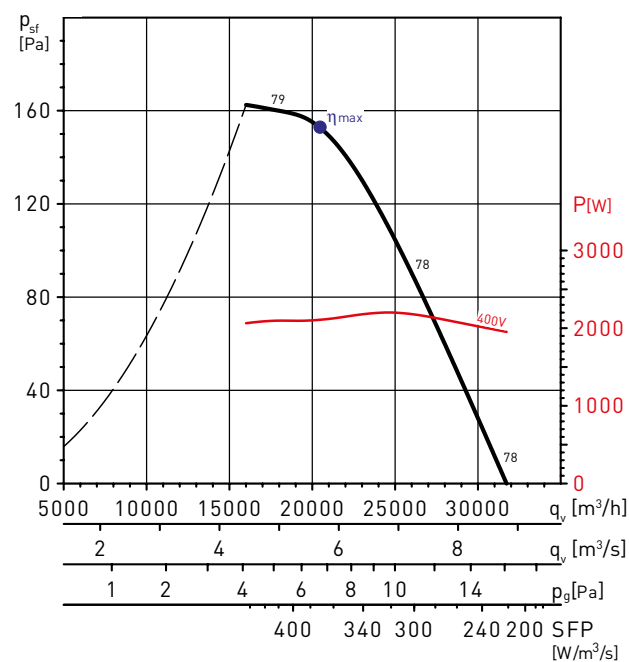
GRAFIEKEN - 6 POLEN

HCFT/6-900/L



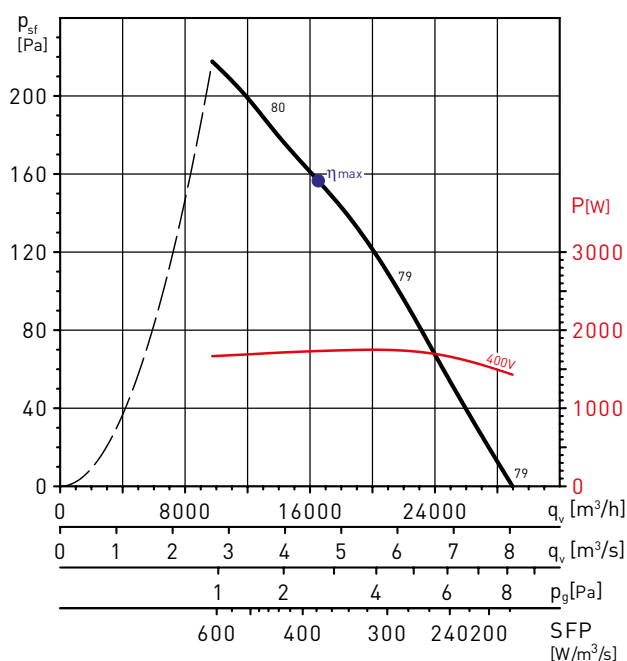
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	47,1	52,8	1,260	13960	153	954

HCFT/6-900/H



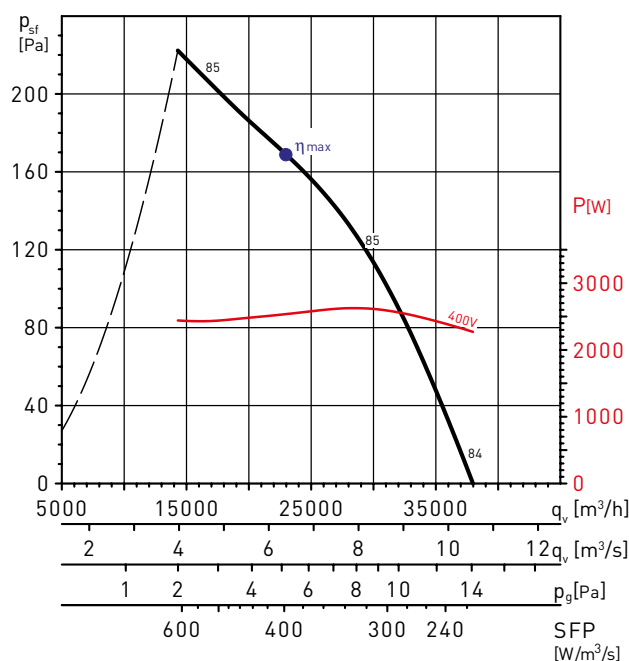
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	41,2	45,5	2,107	20461	153	947

HCFT/6-1000/L



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

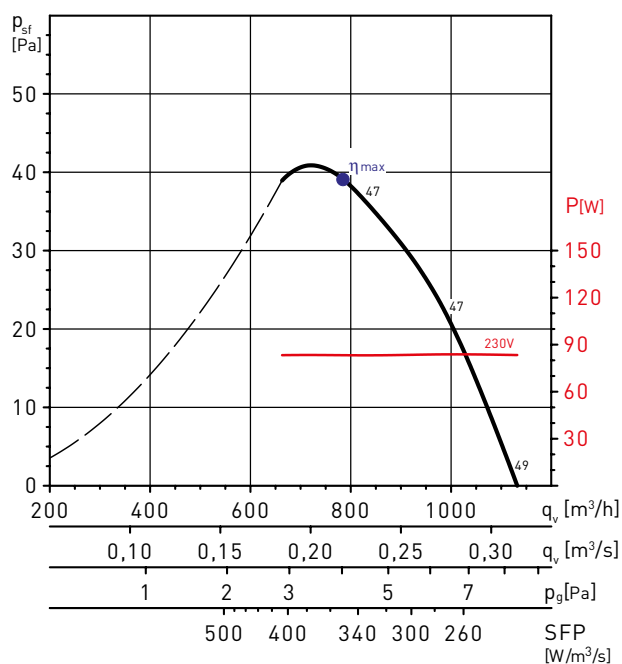
HCFT/6-1000/H



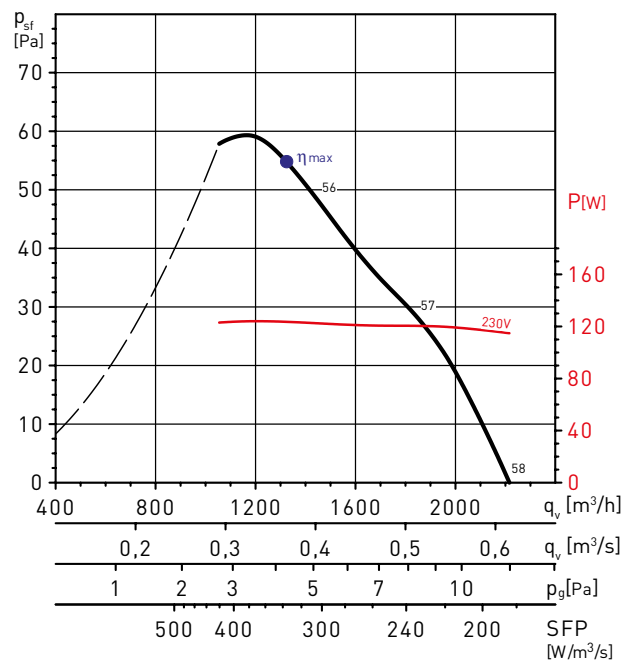
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	42,6	46,4	2,536	22959	169	931

GRAFIEKEN - 6 POLEN

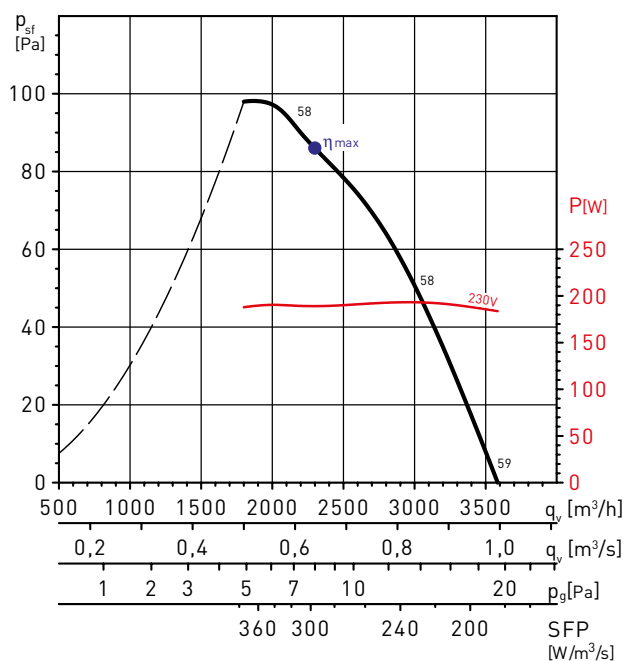
HCBB/4-250/H



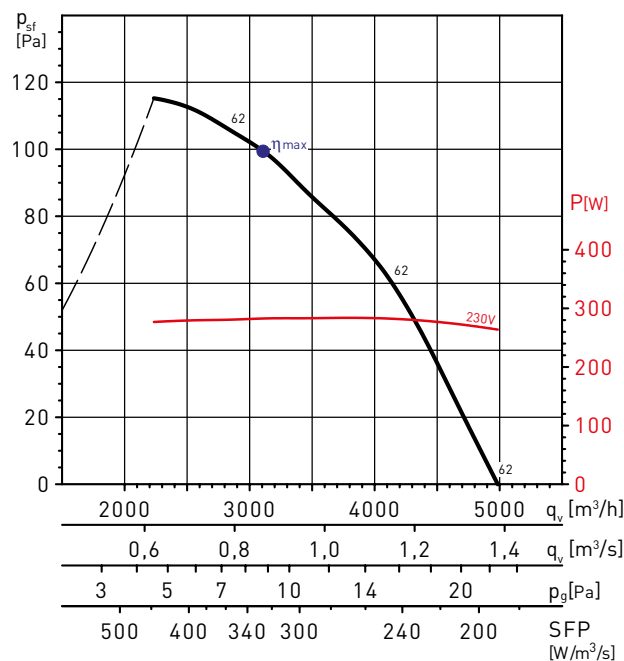
HCBB/4-315/H



HCBB/4-355/H



HCBB/4-400/H

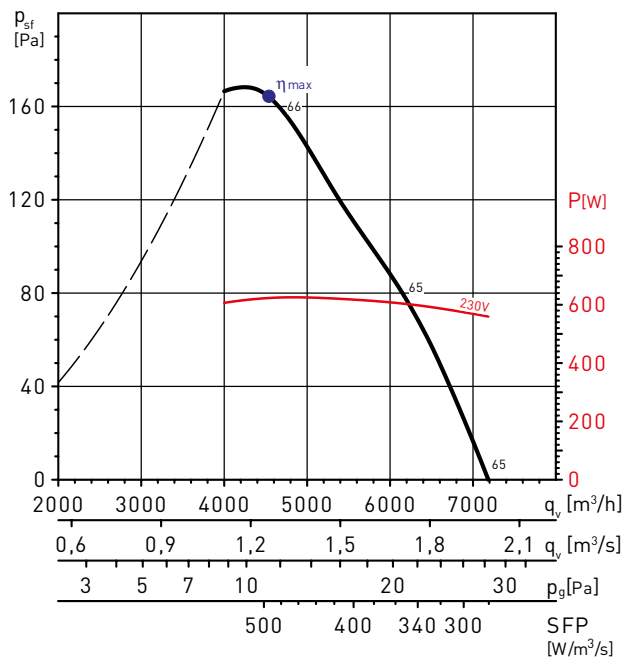


MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	29,1	40,0	0,189	2300	86	1377

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

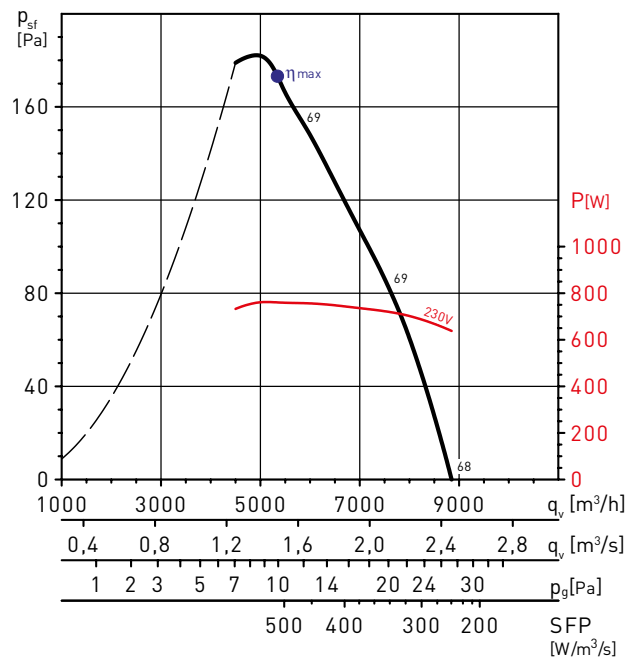
GRAFIEKEN - 4 POLEN

HCBB/4-450/H



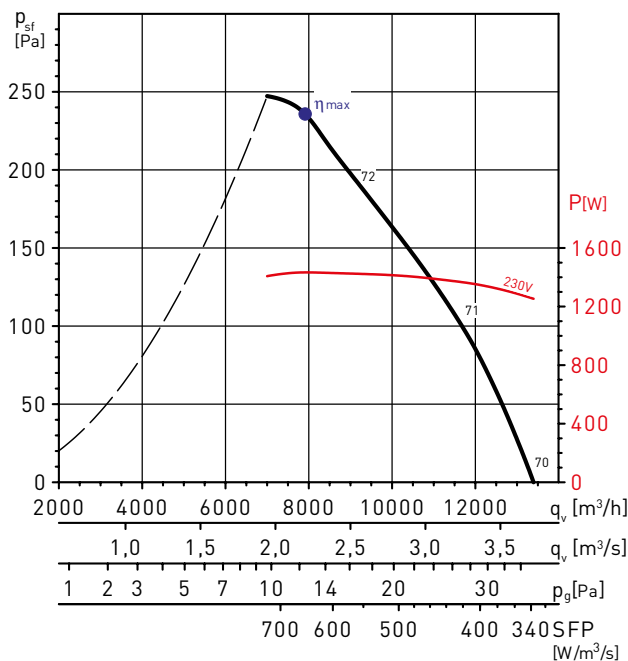
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	33,2	40,8	0,623	4538	164	1390

HCBB/4-500/H



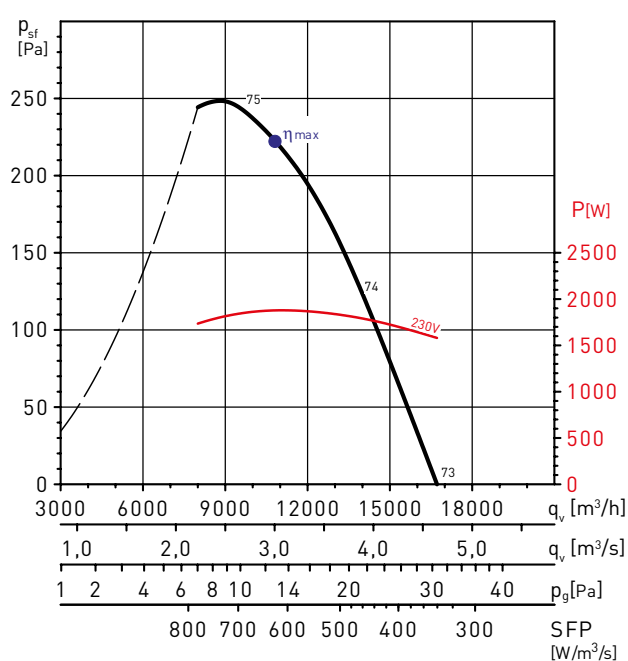
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	33,6	40,7	0,760	5336	172	1322

HCBB/4-560/H



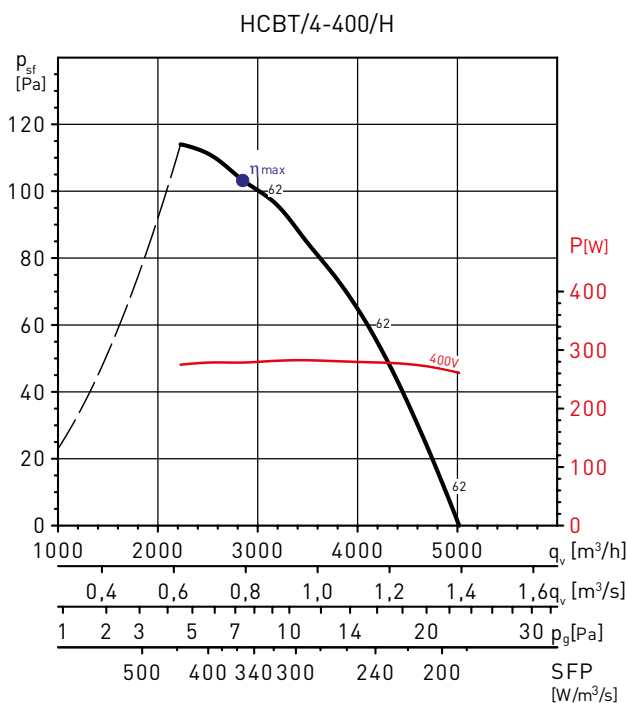
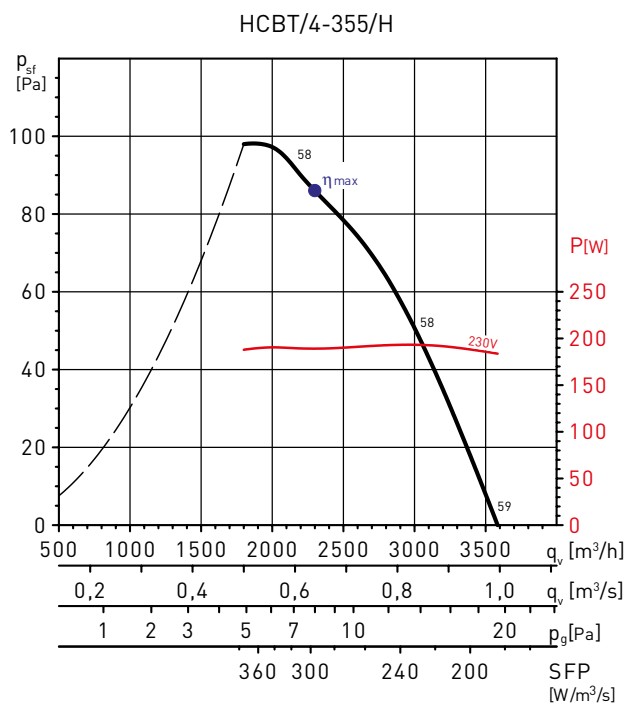
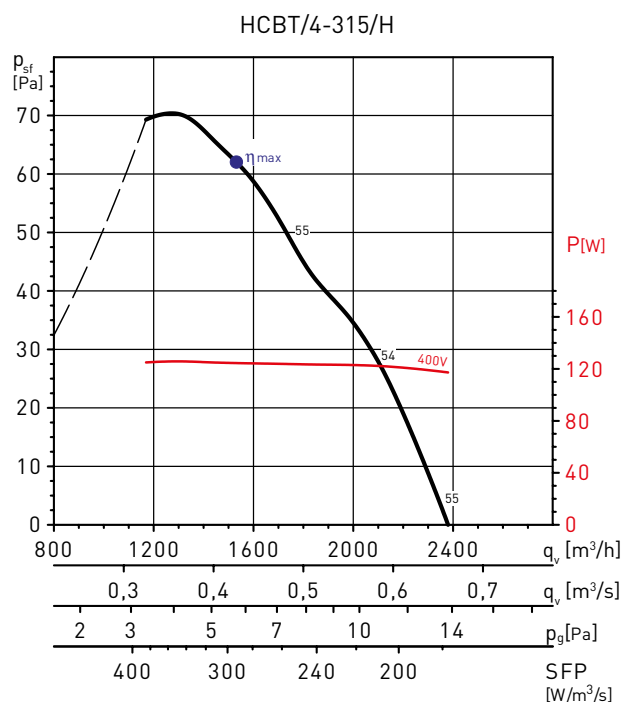
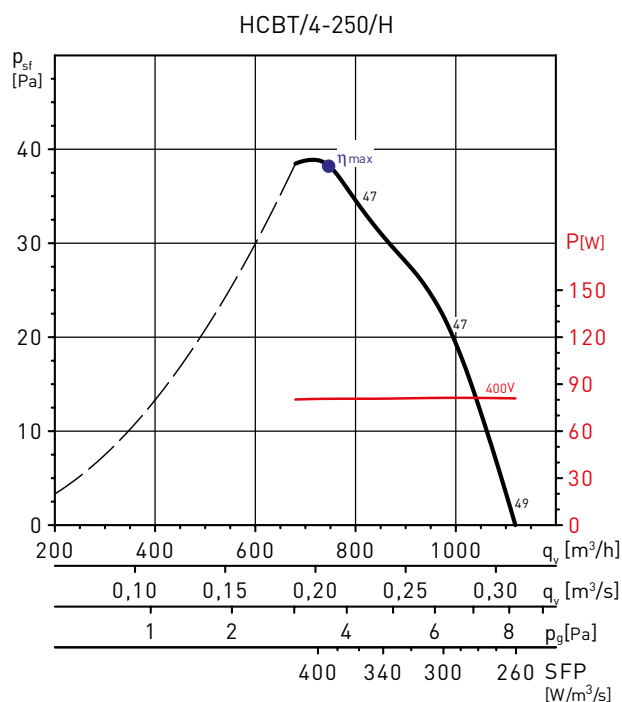
MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	36,0	41,3	1,433	7896	235	1367

HCBB/4-630/H



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

GRAFIEKEN - 4 POLEN

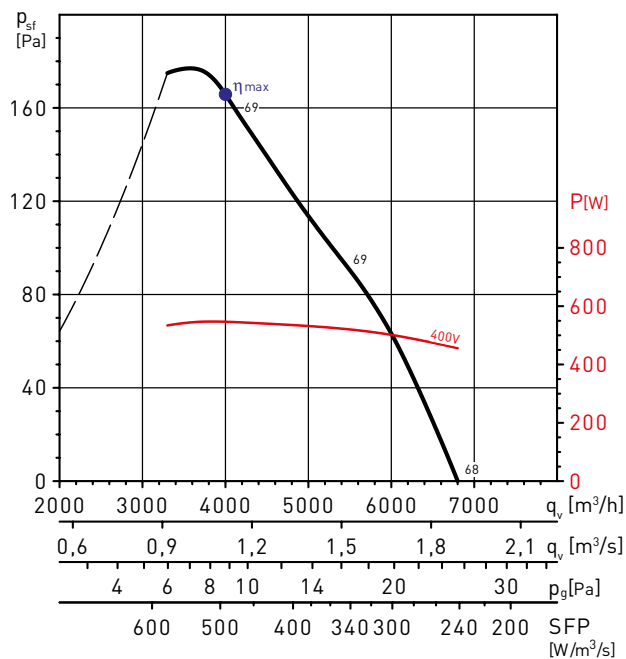


MC	EC	VSD	SR	η [%]	N	[kW]	[m^3/h]	[Pa]	[RPM]
A	Static	No	1	29,0	40,0	0,179	2163	86	1372

MC	EC	VSD	SR	η [%]	N	[kW]	[m^3/h]	[Pa]	[RPM]
A	Static	No	1	30,2	40,0	0,281	3127	98	1332

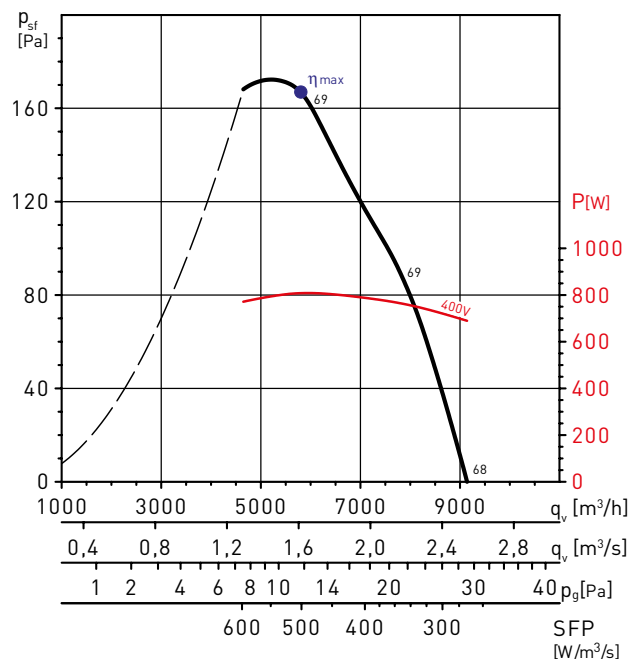
GRAFIEKEN - 4 POLEN

HCBT/4-450/H



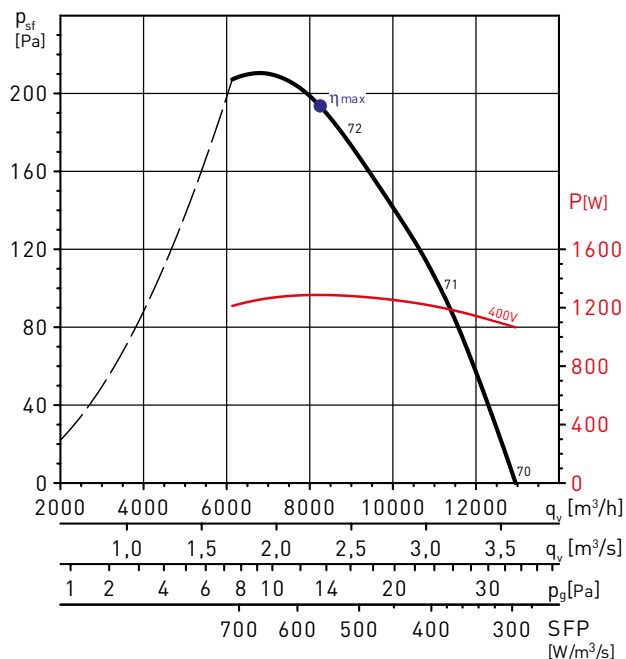
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	33,6	41,3	0,605	4179	175	1391

HCBT/4-500/H



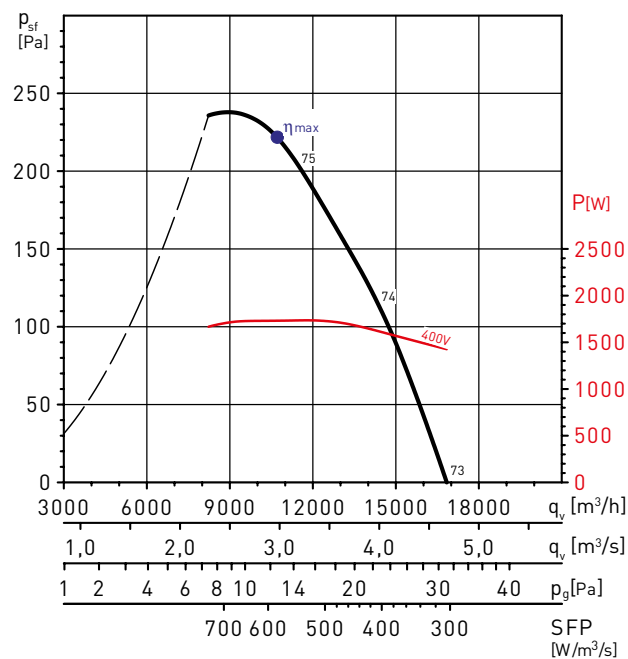
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	33,1	40,0	0,808	5793	167	1357

HCBT/4-560/H



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

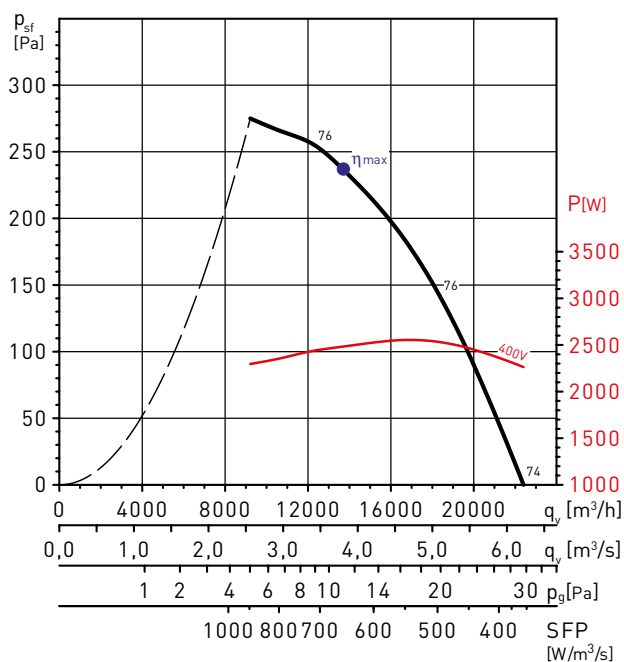
HCBT/4-630/H



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

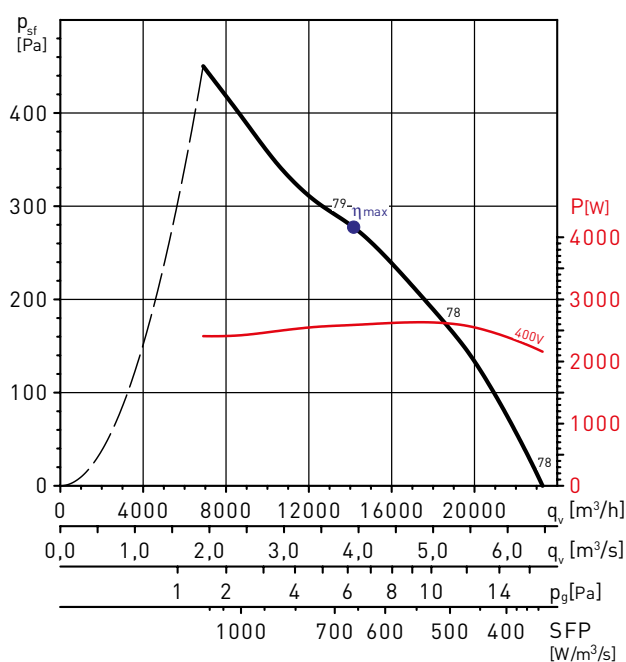
GRAFIEKEN - 4 POLEN

HCBT/4-710/H



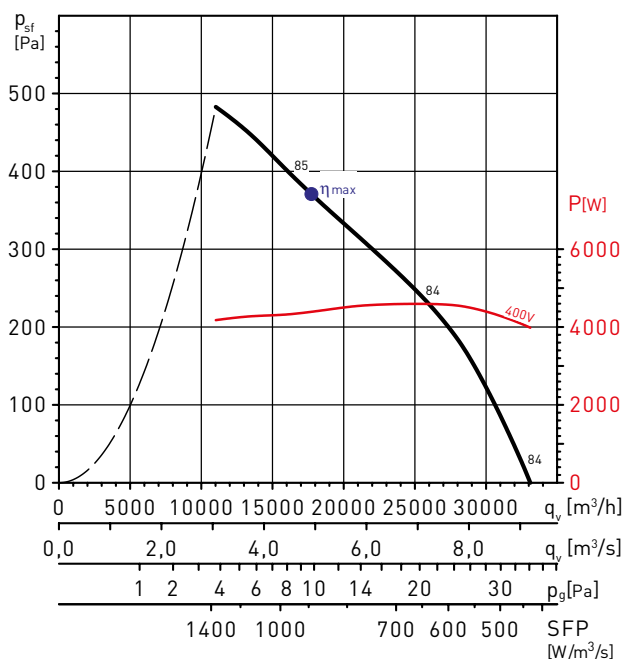
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	36,3	40,1	2,483	13700	237	1326

HCBT/4-800/L



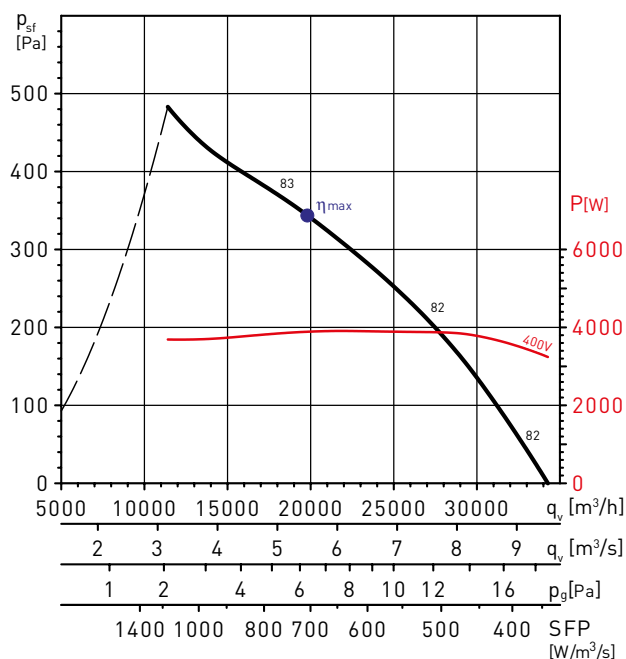
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	42,2	45,9	2,589	14152	278	1376

HCBT/4-800/H



MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	41,7	44,0	4,389	17734	371	1431

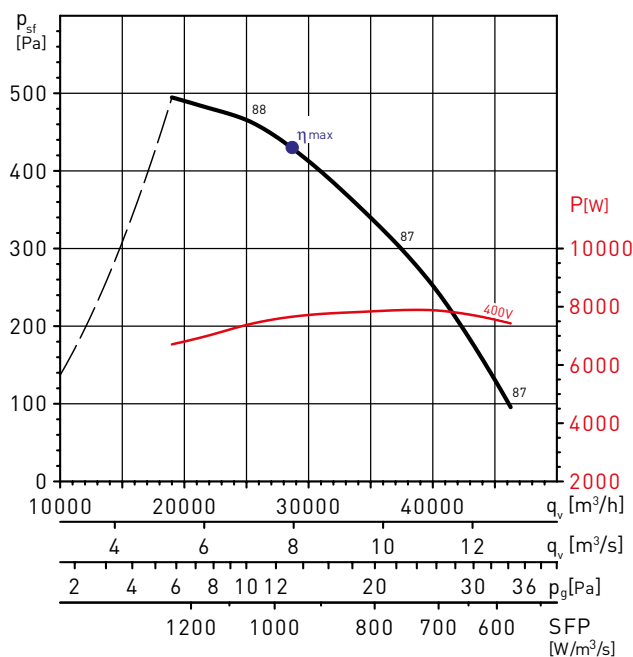
HCBT/4-900/L



MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	48,6	51,2	3,889	19789	344	1436

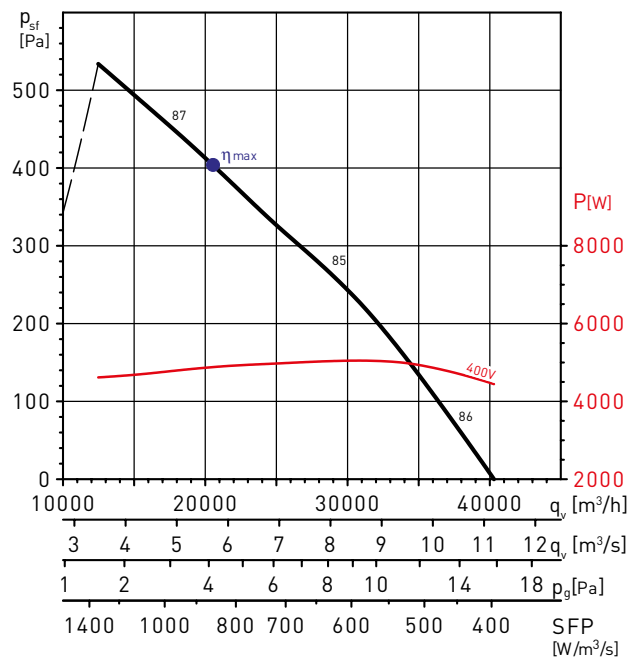
GRAFIEKEN - 4 POLEN

HCBT/4-900/H



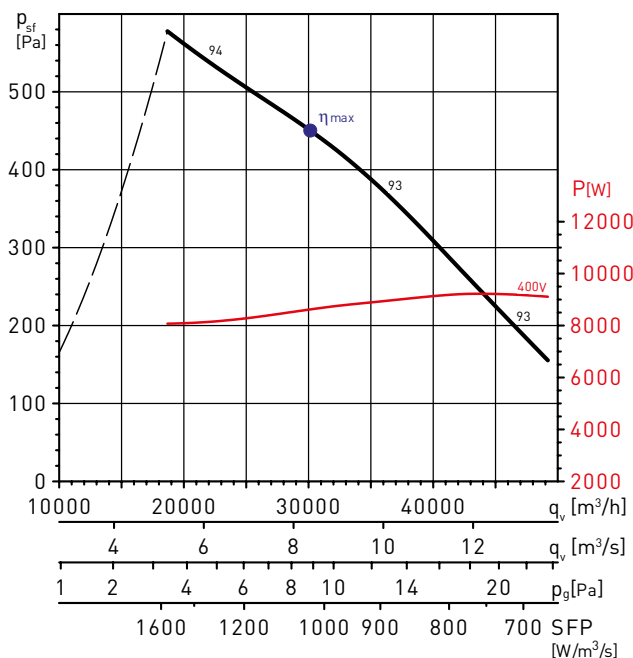
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	44,7	45,5	7,657	28654	430	1446

HCBT/4-1000/L



MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	47,2	49,2	4,883	20544	404	1402

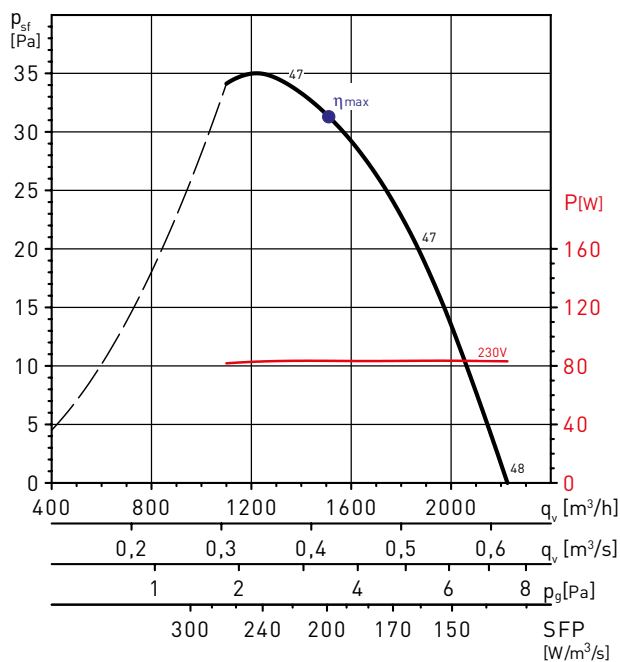
HCBT/4-1000/H



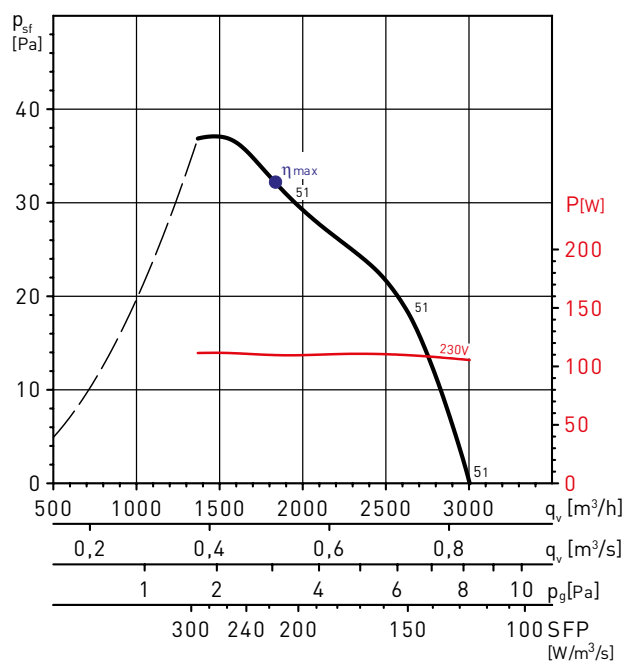
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	43,7	44,1	8,620	30113	451	1437

GRAFIEKEN - 6 POLEN

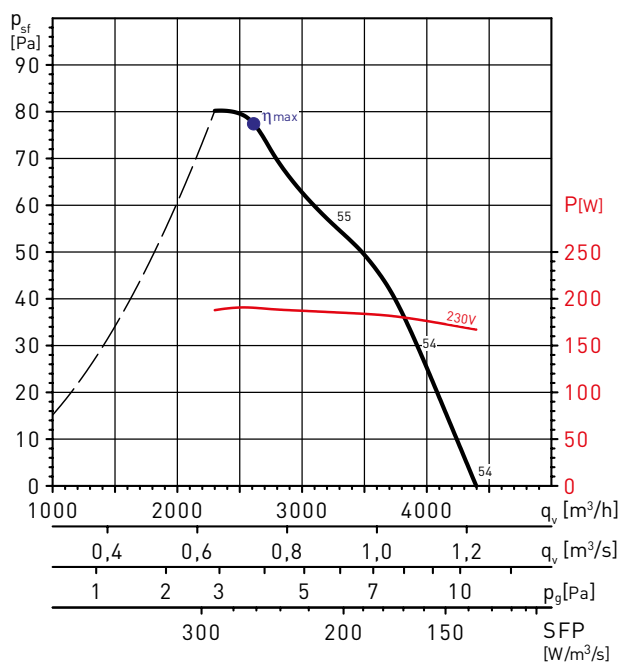
HCBB/6-355/H



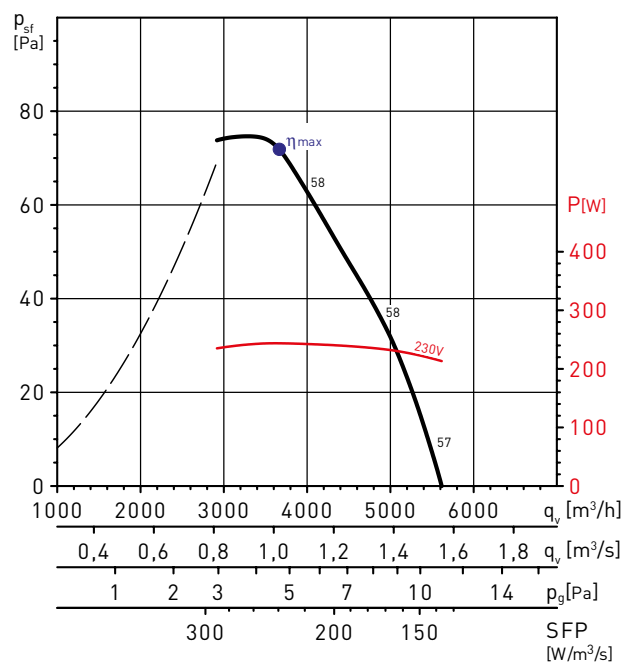
HCBB/6-400/H



HCBB/6-450/H



HCBB/6-500/H

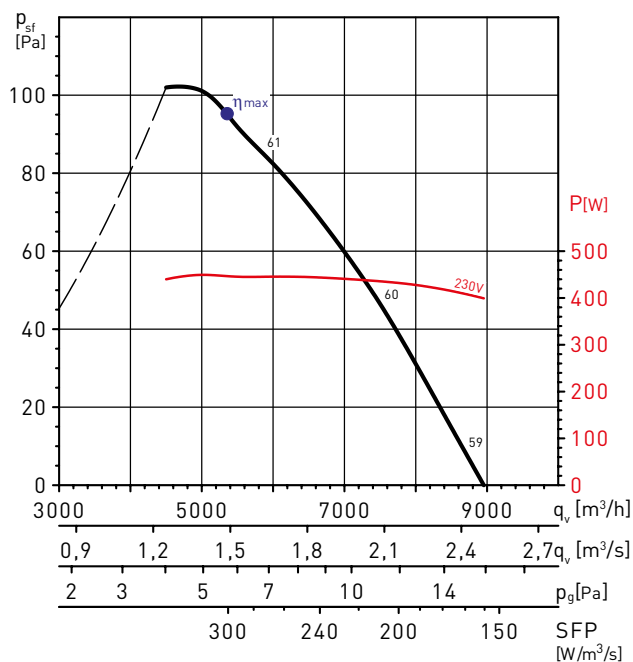


MC	EC	VSD	SR	η[%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	29,3	40,2	0,190	2604	77	908

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

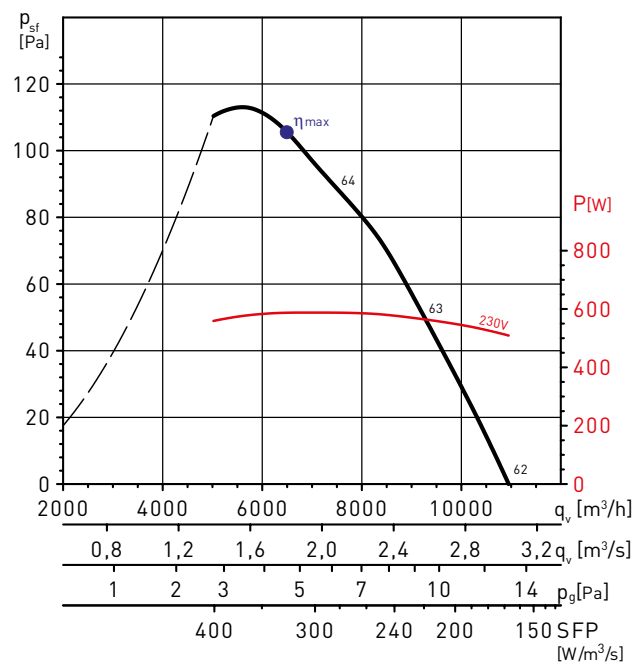
GRAFIEKEN - 6 POLEN

HCBB/6-560/H



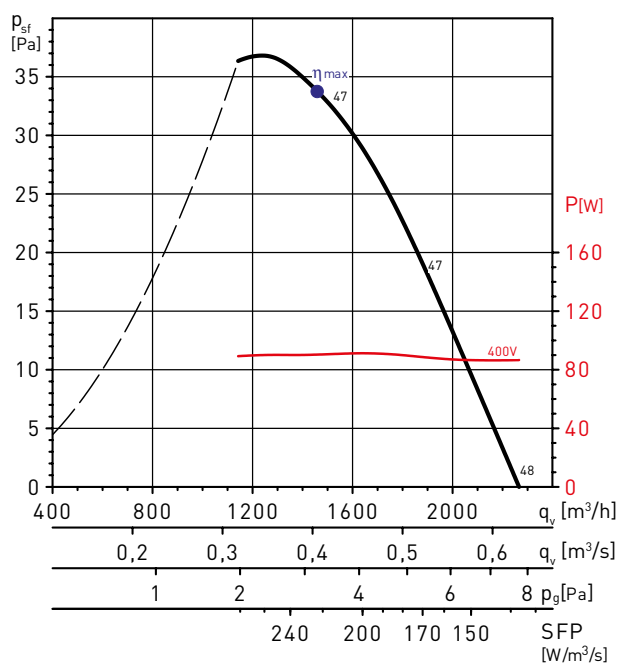
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	31,6	40,1	0,447	5347	95	903

HCBB/6-630/H

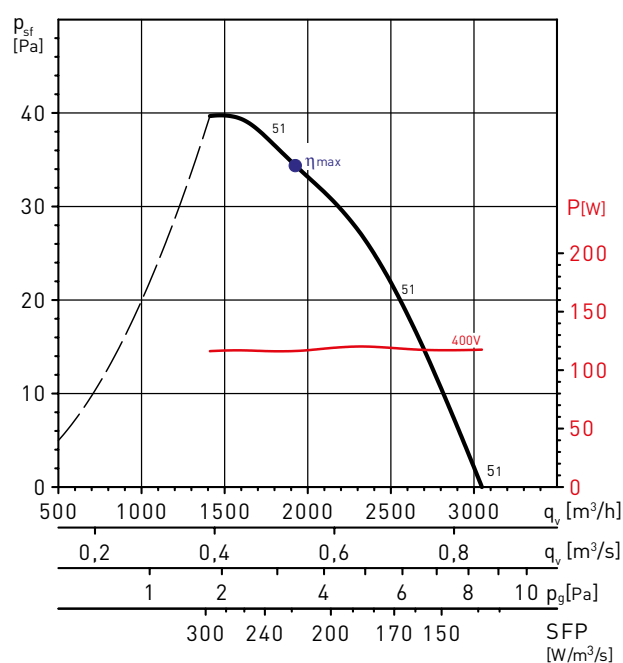


MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	32,4	40,2	0,587	6492	106	888

HCBT/6-355/H

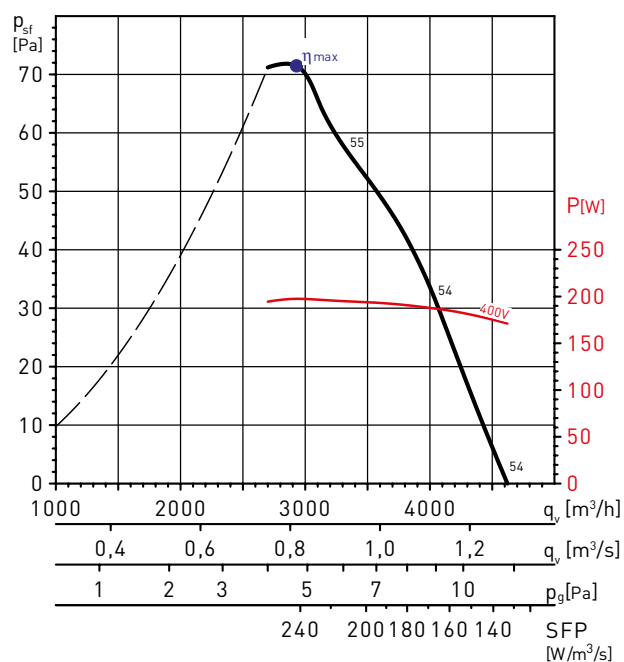


HCBT/6-400/H



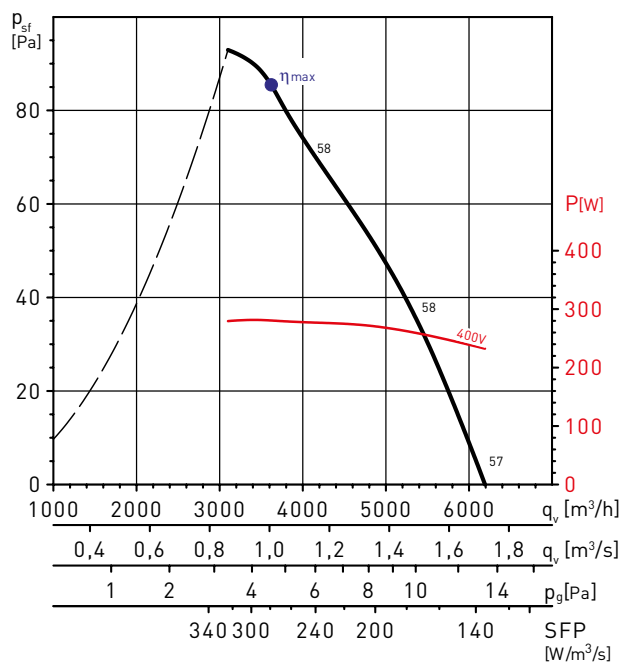
GRAFIEKEN - 6 POLEN

HCBT/6-450/H



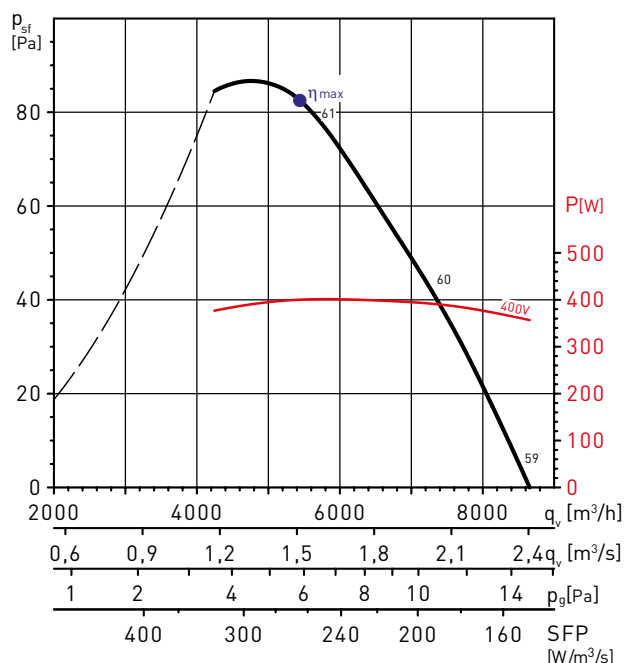
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	29,3	40,1	0,198	2925	71	904

HCBT/6-500/H



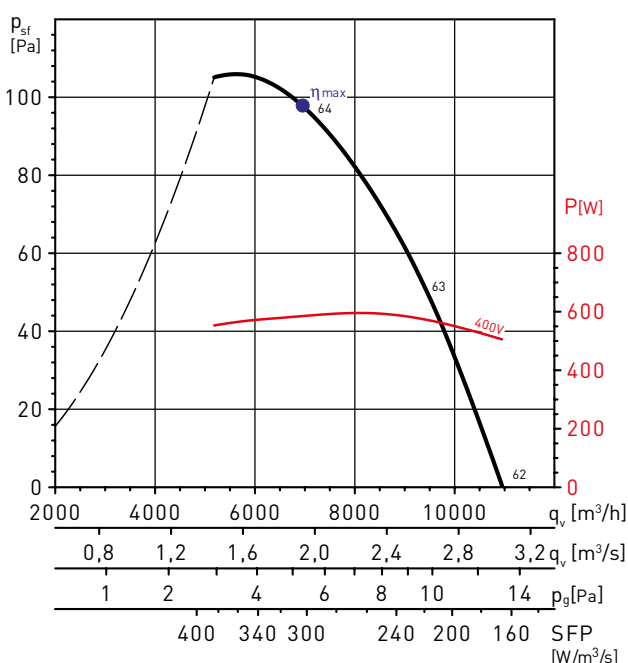
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	30,3	40,1	0,281	3613	85	874

HCBT/6-560/H



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

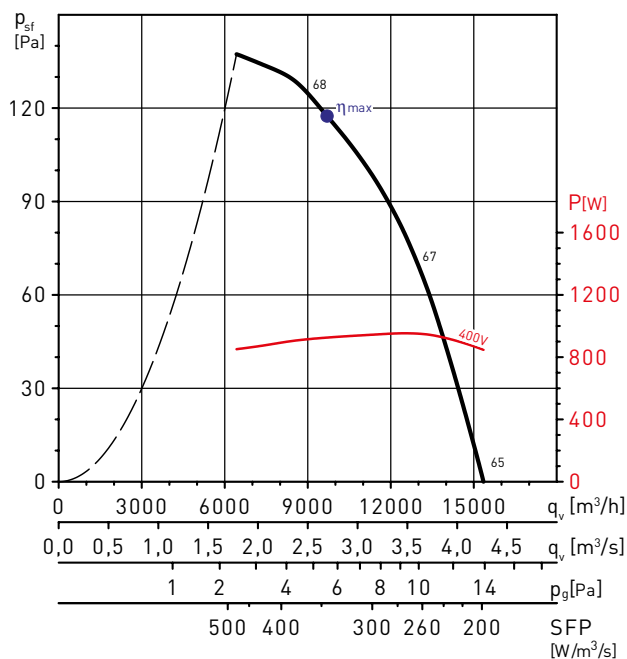
HCBT/6-630/H



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

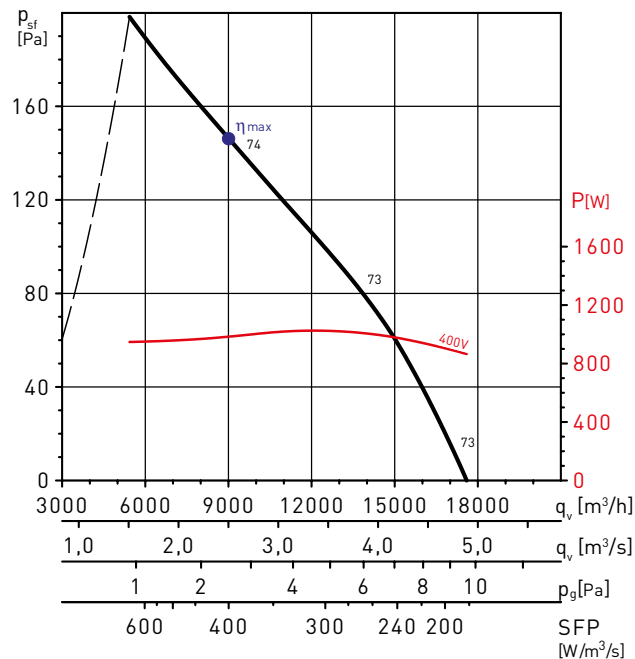
GRAFIEKEN - 6 POLEN

HCBT/6-710/H



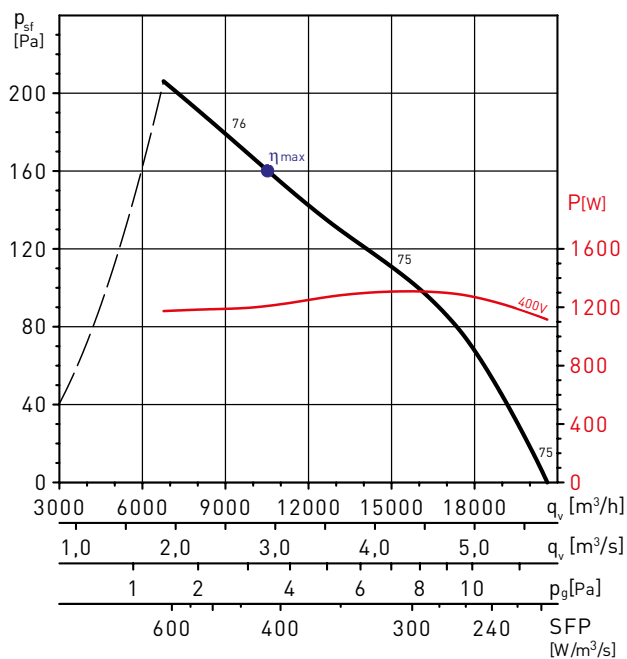
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	34,2	40,7	0,926	9683	118	946

HCBT/6-800/L



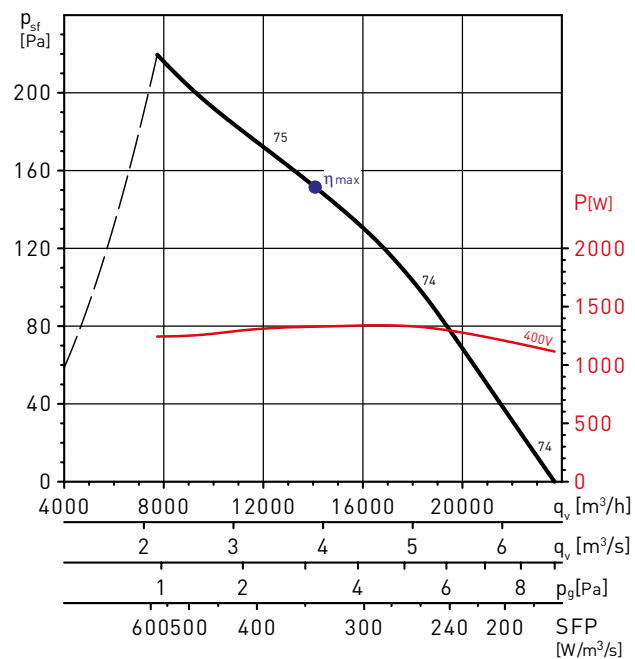
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	37,2	43,6	0,984	9004	146	927

HCBT/6-800/H



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

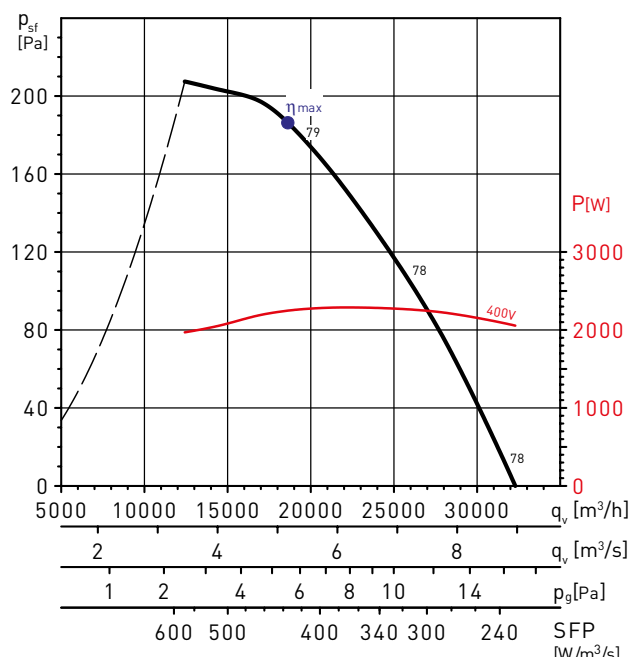
HCBT/6-900/L



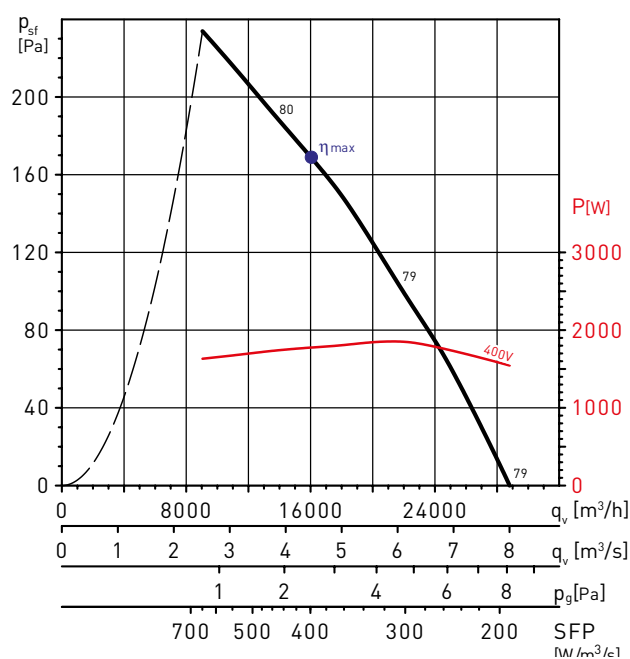
MC	EC	VSD	SR	η [%]	N	[kW]	[m³/h]	[Pa]	[RPM]
A	Static	No	1	44,6	50,2	1,329	14066	152	953

GRAFIEKEN - 6 POLEN

HCBT/6-900/H



HCBT/6-1000/L



HCBT/6-1000/H

