

НСFB/2-250/Н, НСFB/4-250/Н, НСFB/4-315/Н, НСFB/4-355/Н, НСFB/4-400/Н, НСFB/4-450/Н, НСFB/4-500/Н, НСFB/4-560/Н, НСFB/4-630/Н, НСFB/6-355/Н и др.

Промышленные осевые настенные вентиляторы серии НСFT / НСFB.

Технические характеристики.



По вопросам продаж и поддержки обращайтесь:

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HCFT, HCFCB



Construction

Motor with painted cast aluminum casing. Impellers made of injection moulded plastic reinforced with anchored fiberglass, UV stable (HCFT/HCFCB), or die casted in aluminium (HCBT/HCCB). Dynamic balanced according to ISO 1940. Adjustable impellers in plastic or aluminium can be supplied on request. For wall installation the fan can be mounted on a plate formed from a steel sheet stamping and is equipped with a steel wire finger proof guard. The motor and the unique construction of the impeller give compact solidity and allow wall- and duct-mounting in all variable positions.

Motor

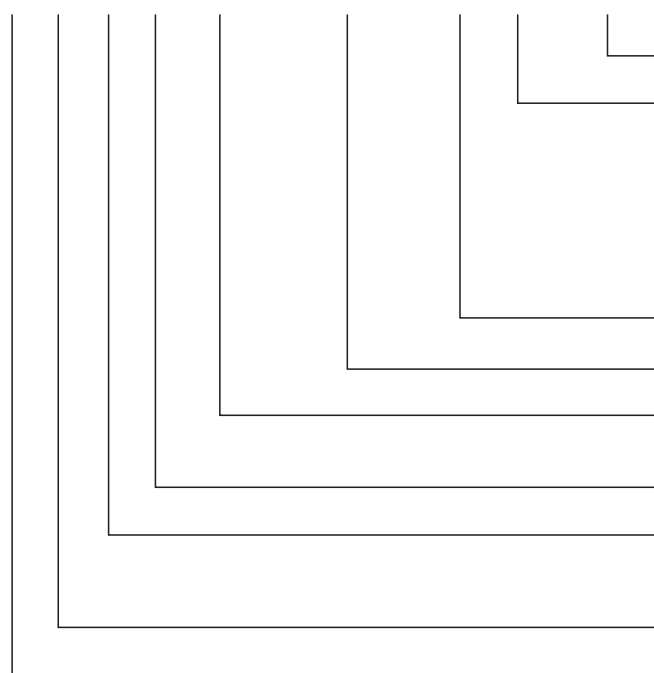
380–415V, 50Hz three-phase alt. 220–240V, 50Hz single-phase asynchronous motor, thermal protection with outgoing leads to the terminal box. Enclosure IP65 according to UNE 20–11 and IEC 34–5 (waterproof, dustproof design). Insulation class F for a maximum

environmental temperature of +70°C. The motor is designed according to IEC 34–1 and is dynamic balanced according to ISO 1940. Speed controllable by variation of the supply voltage by means of transformer or electric regulator. Special voltage or frequency, improved enclosure and three-phase motors for "Y" resp. "Δ" – running can be supplied on request.

Wiring diagram, see page 179.

Model numbering system

□ □ □ □ / □ – □ □ □ □ / □ □ □ □



Special version

A = air direction motor - impeller for wall mounting
B = air direction impeller - motor, standard for duct mounting
Ex = explosion proof motor EExe II T3
L = weather proof enclosure **M** = extended lead (830mm long)
N = without frame
PN = deep support without frame
S = motor and impeller only
W = remote terminal box **X** = support without safety guard

Blade angle **H** = high (approx 34°) **L** = low (approx 22°)

Nominal diameter in mm

Speed: 2 = approx 2900rpm 50Hz 4 = approx 1400rpm 50Hz
6 = approx 900rpm 50Hz 8 = approx 700rpm 50Hz

Type of motor: **T** = three-phase **B** = single-phase

Impeller: **F** = fixed blades impeller, standard
G = adjustable blade impellers
B = impeller in aluminium

C = compact series

Fan mounting: **H** = wall mounted **T** = case duct mounted

Accessories



PER-W
page 58



PER-CN
page 58



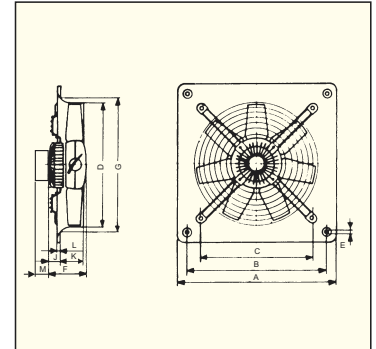
REB
page 176



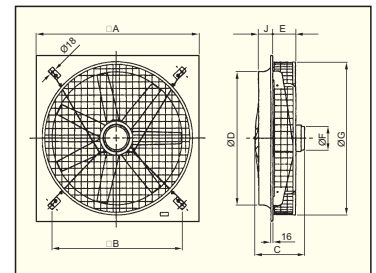
RMB, RMT
page 176

Dimensions in mm

Type	A	B	C	ØD	ØE	F				ØG	J				K	L	M	
						/2	/4	/6	/8		/2	/4	/6	/8			HCFT	HCFTB
250	315	260	220	254	10	122	122			294	59	59			53	12	40	65
315	400	330	280	315	10		122			329		32			68	12	40	65
355	450	380	315	355	10		129	129		371		45	45		75	12	40	65
400	500	420	355	400	10		129	129		422		40,5	40,5		78	12	40	65
450	560	480	400	450	10		150	150	150	476		48	48	48	91	12	40	65
500	630	560	450	500	10		150	150	150	536		44,5	44,5	44,5	97	12	40	65
560	710	630	510	560	10		218,5	150	150	596		110,5	42	42	98,5	12	40	65
630	800	710	580	630	12		218,5	150	150	674		110,5	41	41	103	12	40	65
710	900	800	636	710	12		218,5	218,5	218,5	733		134	134	134	91,5	16,5	40	65



Type	□	□	Ø	J	E	Ø	C						ØF					
							/4		/6		/8		/4		/6		/8	
							L	H	L	H	L	H	L	H	L	H	L	H
HCFT-800	1000	800	800	92	189	926	345	380	310	345	310	345	181	203	162	181	162	181
HCFT-1000	1250	1000	1000	110	174	1154	380	380	345	380	345	380	203	203	181	203	181	203



* blade angle H = high (approx 34°)
L = low (approx 22°)

Acoustic characteristics Sound pressure level dB(A)

2-POLE

Type \ Hz	63	125	250	500	1000	2000	4000	8000
2-250	50	61	68	73	74	74	67	58

4-POLE

Type \ Hz	63	125	250	500	1000	2000	4000	8000
4-250	44	50	57	58	60	59	53	42
4-315	37	47	57	61	66	63	57	48
4-355	39	59	56	65	70	66	61	52
4-400	41	62	58	67	74	70	66	43
4-450	40	65	62	68	77	71	67	58
4-500	50	68	67	73	79	77	72	61
4-560	47	72	70	82	82	79	74	65
4-630	52	75	73	81	86	83	77	68
4-710	56	78	76	84	89	86	81	71
4-800/L	61	83	81	89	95	91	86	77
4-800/H	64	86	84	92	98	94	89	80
4-1000/L	68	90	88	96	102	98	93	84
4-1000/H	71	93	91	99	105	101	96	87

6-POLE

Type \ Hz	63	125	250	500	1000	2000	4000	8000
6-355	39	45	46	52	53	54	48	37
6-400	34	46	49	59	60	60	53	41
6-450	35	50	52	61	64	62	56	45
6-500	39	52	55	63	67	65	59	49
6-560	41	55	60	67	71	70	64	53
6-630	43	59	62	70	71	69	67	56
6-710	51	65	68	77	80	79	73	62
6-800/L	56	70	73	82	85	84	78	67
6-800/H	58	72	75	84	87	86	80	69
6-1000/L	63	77	80	89	92	91	85	74
6-1000/H	66	80	83	92	95	94	88	77

8-POLE

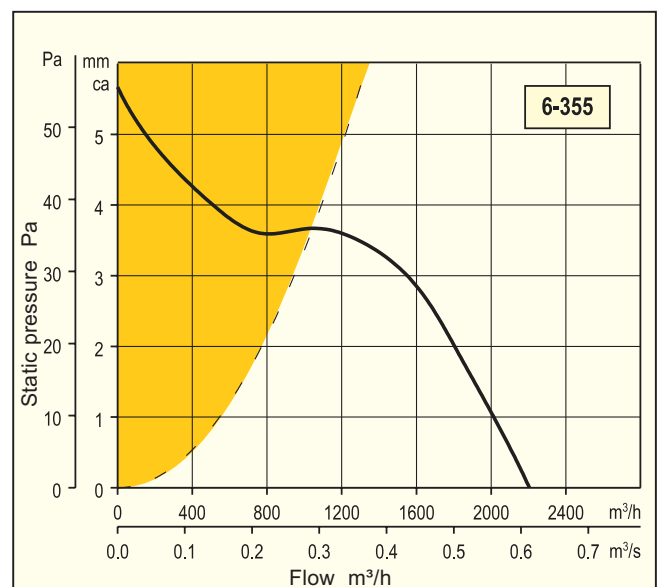
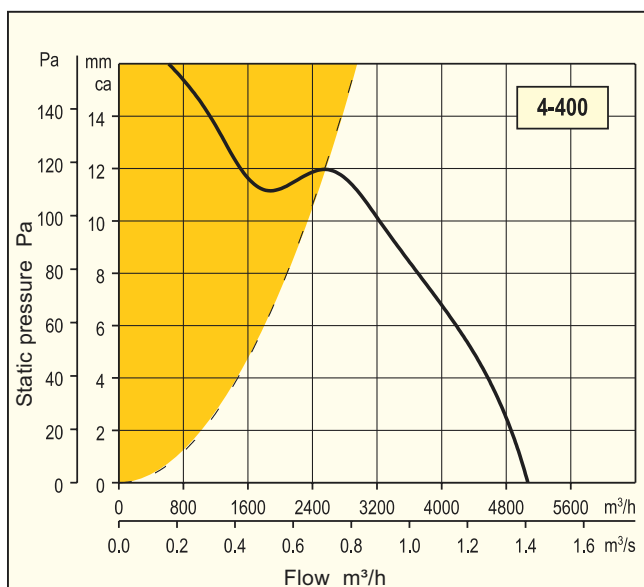
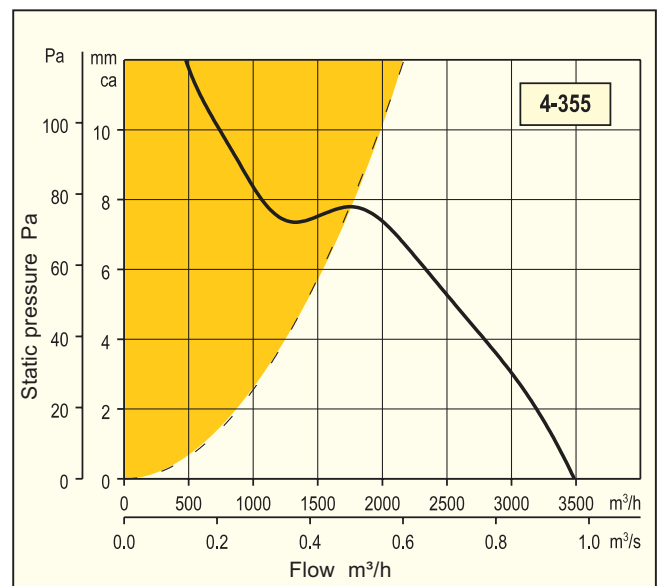
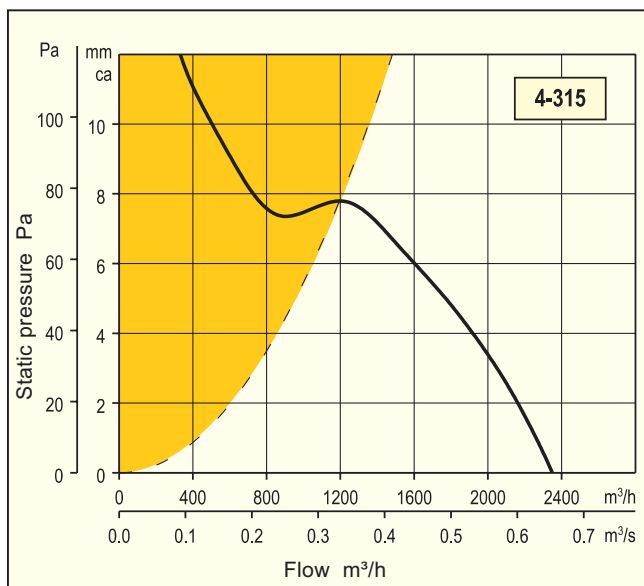
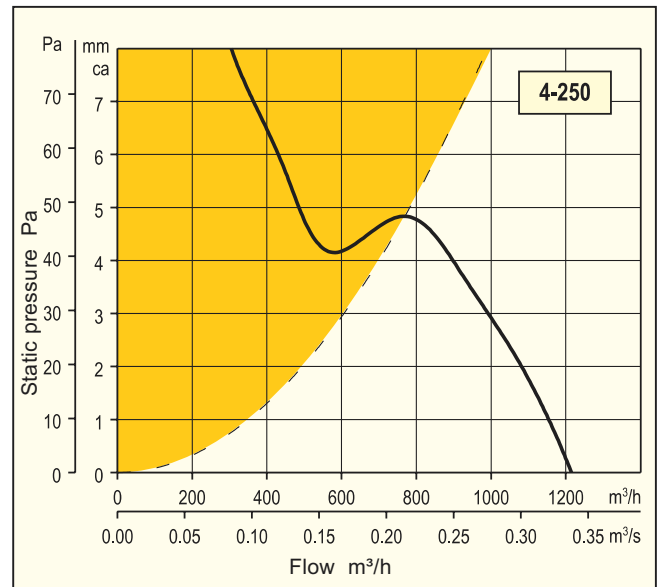
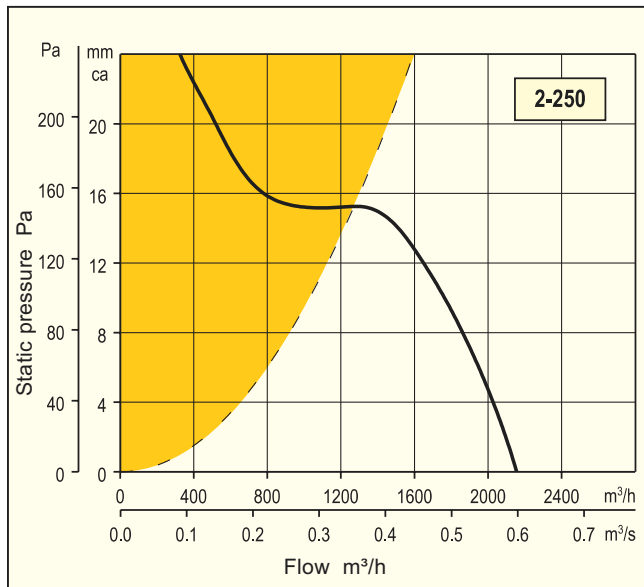
Type \ Hz	63	125	250	500	1000	2000	4000	8000
8-450	42	42	47	55	57	58	49	39
8-500	42	42	51	56	59	59	52	42
8-560	46	46	55	60	62	62	55	45
8-630	45	48	57	63	63	64	58	46
8-710	57	57	64	71	73	73	65	55
8-800/L	61	61	69	75	77	77	70	60
8-800/H	63	63	71	77	79	79	72	62
8-1000/L	68	68	76	82	84	84	77	67
8-1000/H	72	72	80	86	88	88	81	71

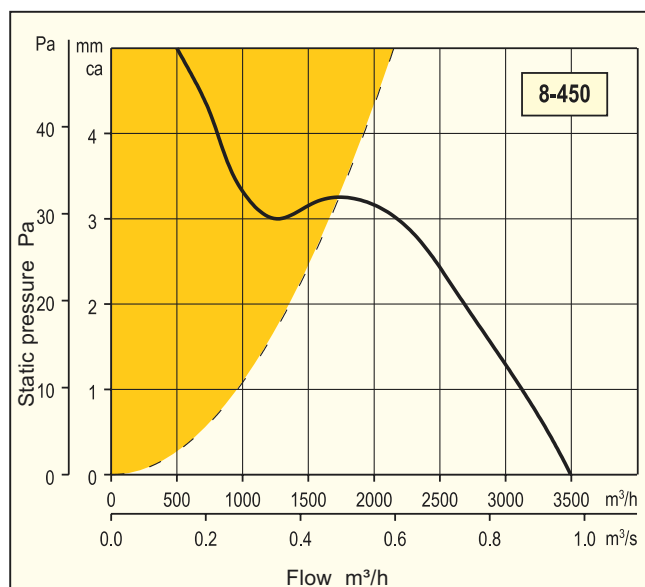
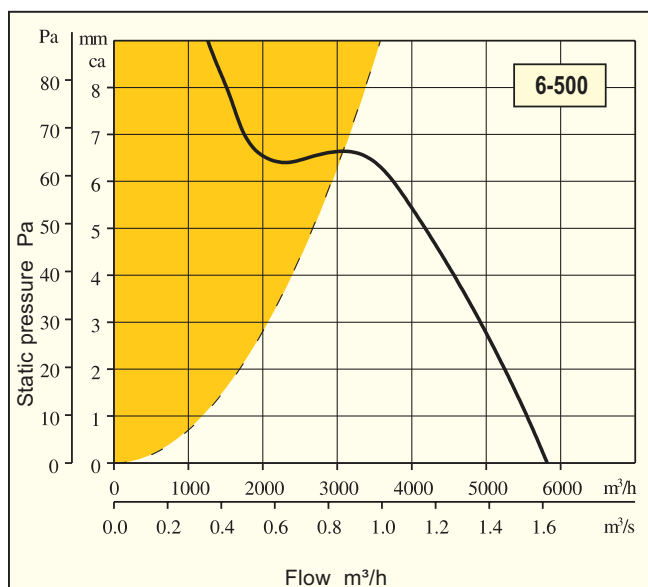
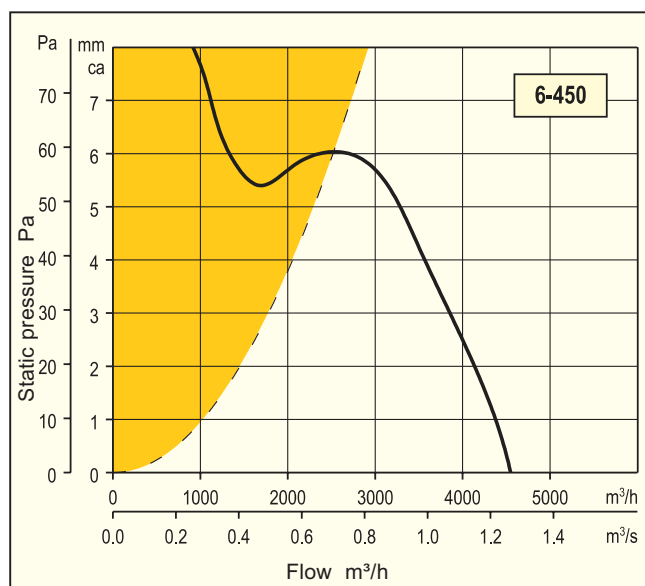
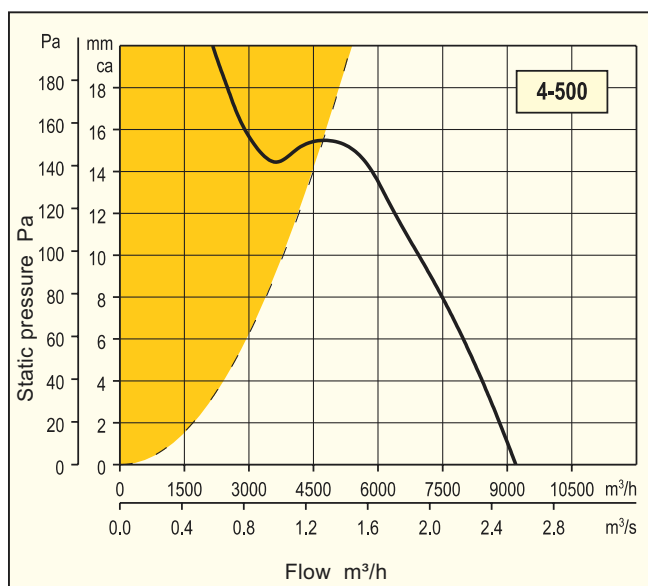
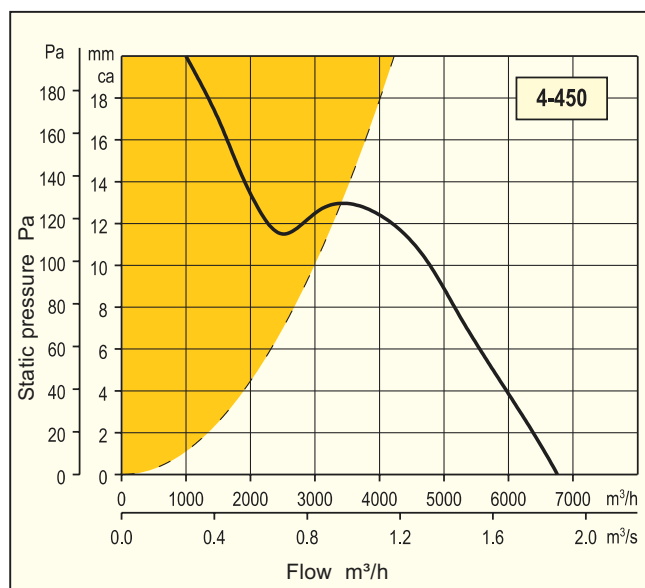
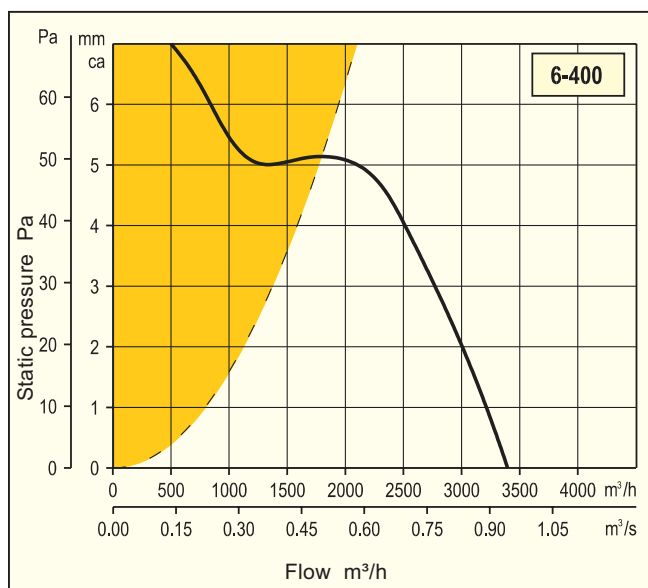
Technical specification HCFT / HCFB

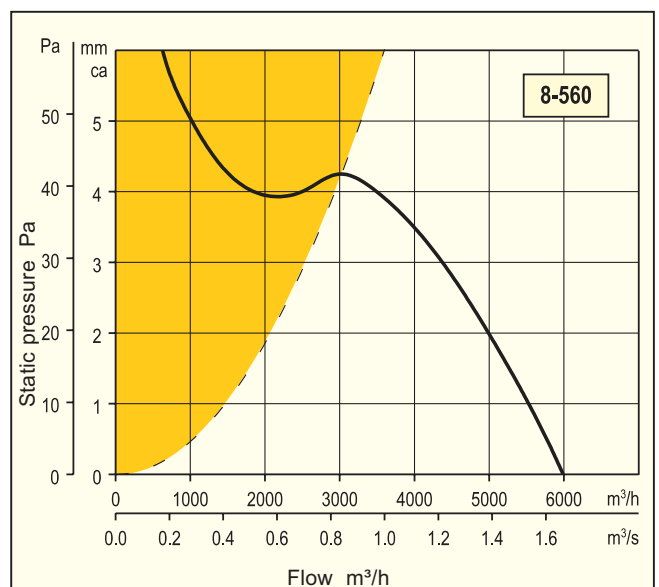
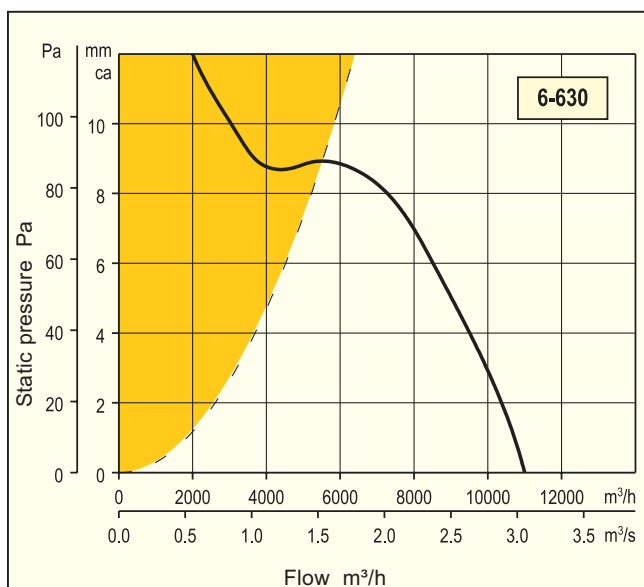
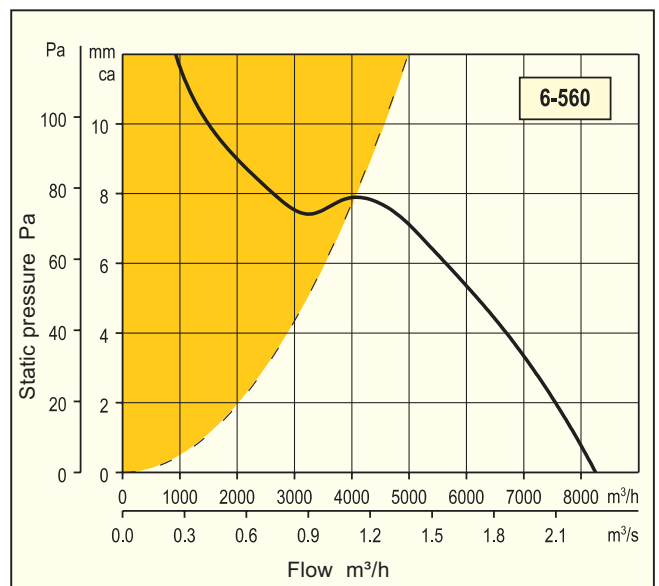
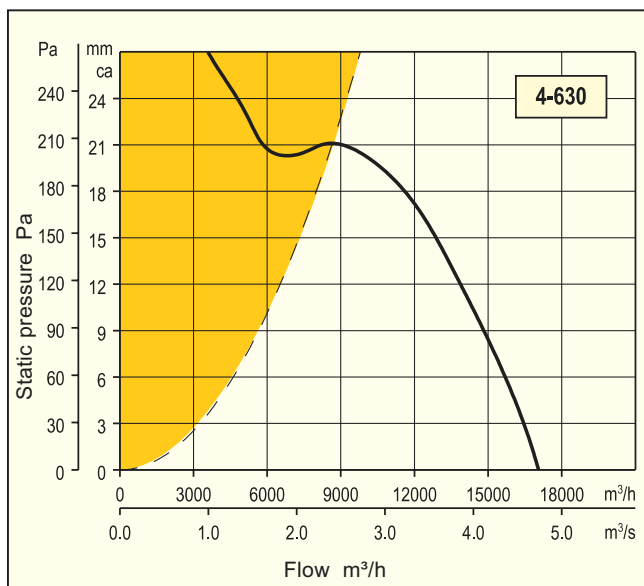
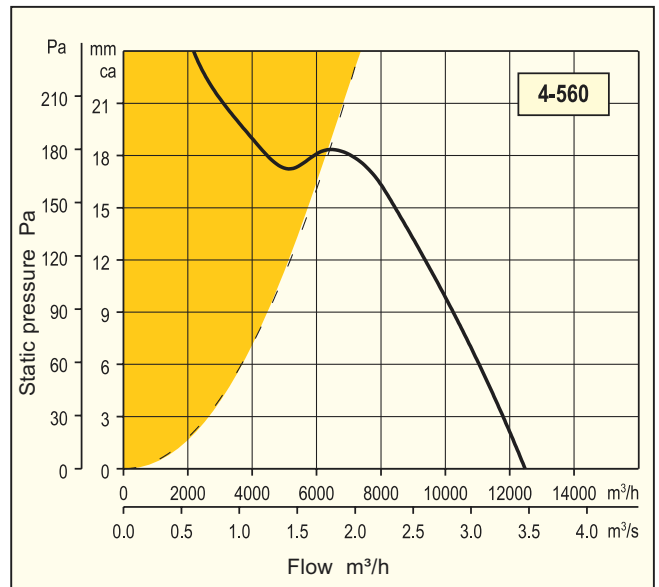
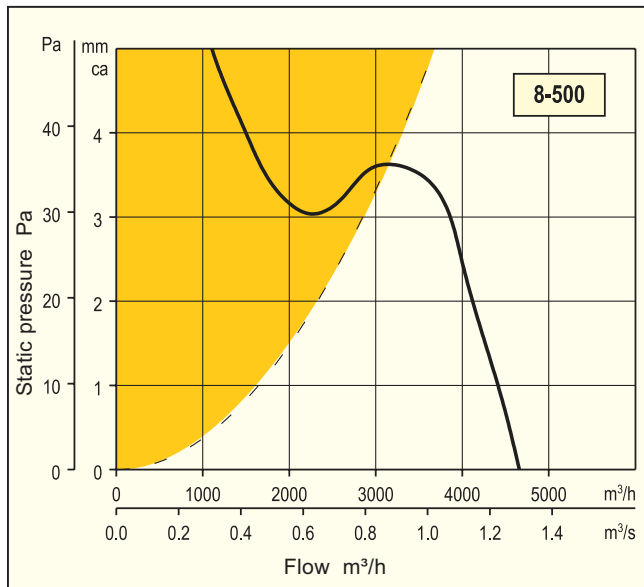
	Number of poles	Type	Speed	Maximum power absorbed	Maximum current		Duty at free discharge (max)	Sound pressure level	Weight	Speed regulation device	Article number
		Wall version	rpm	W	230 V	400 V	m³/h	dB (A)	kg		
SINGLE-PHASE	2	HCFB/2-250/H	2500	250	1,2	—	2160	65	4,4	—	112 300 885
	4	HCFB/4-250/H	1330	60	0,3	—	1215	52	4,4	REB-1	112 300 995
		HCFB/4-315/H	1300	100	0,6	—	2350	54	6,5	REB-1	112 301 051
		HCFB/4-355/H	1225	200	1,0	—	3490	58	7,6	REB-2,5	112 301 151
		HCFB/4-400/H	1200	340	1,6	—	5070	60	9,0	REB-2,5	112 301 251
		HCFB/4-450/H	1290	480	2,3	—	6760	65	13,0	REB-2,5	112 301 361
		HCFB/4-500/H	1290	650	3,0	—	9200	68	15,4	REB-5N	112 301 451
		HCFB/4-560/H	1250	980	4,9	—	12480	71	21,3	REB-5N	112 301 551
		HCFB/4-630/H	1200	1700	7,6	—	17060	72	25,0	—	112 301 651
	6	HCFB/6-355/H	800	90	0,5	—	2210	50	7,6	REB-1	112 303 051
		HCFB/6-400/H	750	110	0,6	—	3400	52	9,0	REB-1	112 303 151
		HCFB/6-450/H	835	220	1,2	—	4550	53	13,0	REB-2,5	112 303 251
		HCFB/6-500/H	840	290	1,6	—	5820	56	15,4	REB-2,5	112 303 351
		HCFB/6-560/H	900	420	2,4	—	7870	59	21,3	REB-2,5	112 303 451
		HCFB/6-630/H	800	510	2,6	—	10750	60	25,0	REB-5N	112 303 551
		HCFB/6-710/H	900	1300	5,7	—	17570	66	27,0	—	112 303 651
		HCFB/8-450/H	625	130	0,7	—	3500	48	13,0	REB-1	112 306 251
	8	HCFB/8-500/H	605	160	0,9	—	4660	49	16,0	REB-1	112 306 351
		HCFB/8-560/H	610	240	1,3	—	5990	51	21,3	REB-2,5	112 306 451
		HCFB/8-630/H	585	320	1,7	—	8340	52	25,0	REB-2,5	112 306 551
		HCFB/8-710/H	625	480	2,4	—	11960	60	27,0	—	112 306 651
THREE-PHASE	2	HCFT/2-250/H	2500	250	—	0,5	2160	65	5,0	—	112 289 035
	4	HCFT/4-250/H	1330	60	—	0,2	1220	52	4,4	RMT-1,5	112 209 895
		HCFT/4-315/H	1300	150	—	0,3	2350	54	6,5	RMT-1,5	112 300 051
		HCFT/4-355/H	1260	200	—	0,5	3490	58	7,6	RMT-1,5	112 300 151
		HCFT/4-400/H	1350	300	—	0,8	5070	60	9,0	RMT-1,5	112 300 251
		HCFT/4-450/H	1230	500	—	1,0	6760	65	13,0	RMT-1,5	112 300 351
		HCFT/4-500/H	1350	660	—	1,6	9200	68	16,0	RMT-3,5	112 300 451
		HCFT/4-560/H	1320	1210	—	2,3	12480	71	22,0	RMT-3,5	112 300 551
		HCFT/4-630/H	1420	1550	—	3,0	17060	72	25,0	—	112 300 651
		HCFT/4-710/H	1350	2200	—	4,0	22150	75	27,0	—	113 300 710
		HCFT/4-800/L	1420	2300	—	3,8	24960	79	37,0	—	112 300 711
		HCFT/4-800/H	1430	4200	—	7,3	32600	82	52,0	—	112 300 715
		HCFT/4-1000/L	1400	4400	—	7,1	42000	84	67,0	—	112 300 721
		HCFT/4-1000/H	1460	7200	—	12,0	54000	87	95,0	—	112 300 725
	6	HCFT/6-355/H	875	90	—	0,3	2210	50	7,6	RMT-1,5	112 302 051
		HCFT/6-400/H	830	110	—	0,3	3400	52	9,0	RMT-1,5	112 302 151
		HCFT/6-450/H	835	190	—	0,5	4550	53	13,0	RMT-1,5	112 302 251
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		HCFT/6-630/H	810	460	—	1,2	11000	60	25,0	RMT-1,5	112 302 551
		HCFT/6-710/H	920	1100	—	2,8	16500	66	27,0	—	113 302 701
		HCFT/6-800/L	900	1180	—	2,2	19370	70	31,0	—	112 302 711
		HCFT/6-800/H	940	1220	—	2,5	22000	72	36,0	—	112 302 715
		HCFT/6-1000/L	940	1400	—	3,2	28000	75	54,0	—	112 302 721
		HCFT/6-1000/H	950	2330	—	4,4	36400	78	62,0	—	112 302 725
	8	HCFT/8-450/H	660	130	—	0,4	3500	51	13,0	RMT-1,5	112 304 051
		HCFT/8-500/H	625	150	—	0,4	4660	53	15,4	RMT-1,5	112 304 151
		HCFT/8-560/H	610	230	—	0,6	5990	55	21,3	RMT-1,5	112 304 251
		HCFT/8-630/H	635	310	—	0,8	8340	57	25,0	RMT-1,5	112 304 301
		HCFT/8-710/H	670	450	—	1,2	11960	60	27,0	—	112 304 361
		HCFT/8-800/L	710	580	—	1,3	14000	63	63,0	—	112 305 365
		HCFT/8-800/H	690	700	—	1,7	17160	65	64,0	—	112 304 371
		HCFT/8-1000/L	700	720	—	1,7	20490	68	68,0	—	112 304 375
		HCFT/9-1000/H	725	1100	—	2,7	27040	72	71,0	—	112 304 381

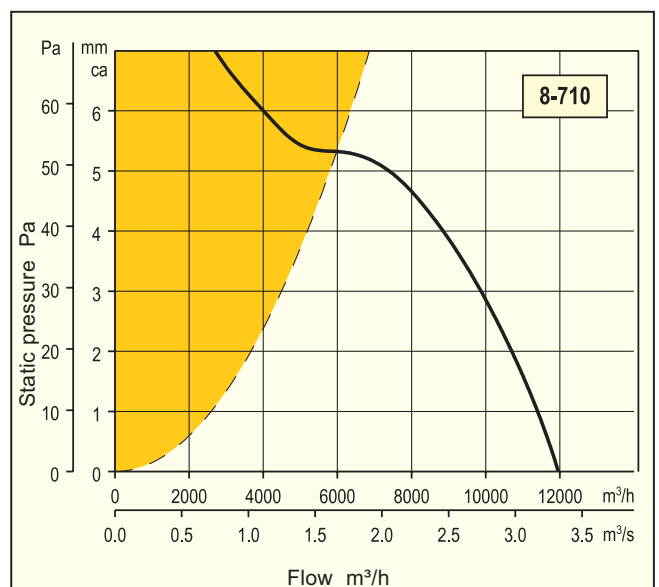
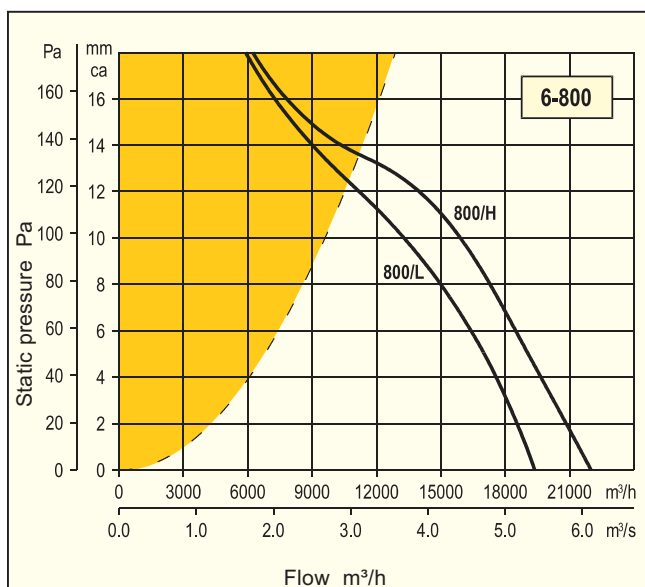
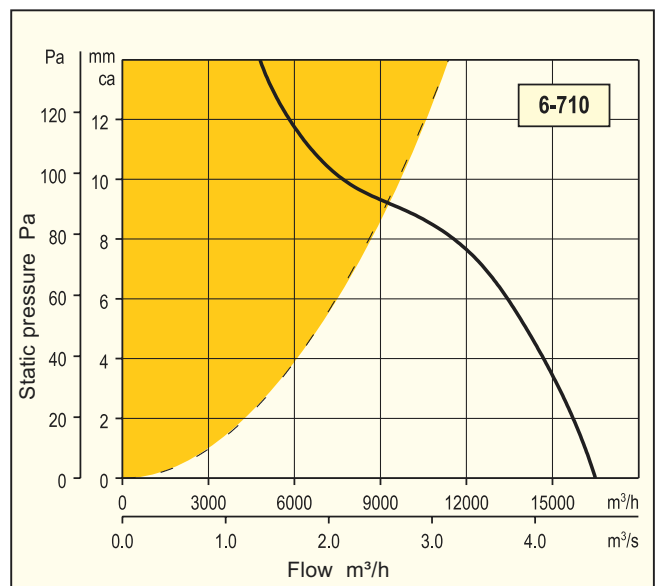
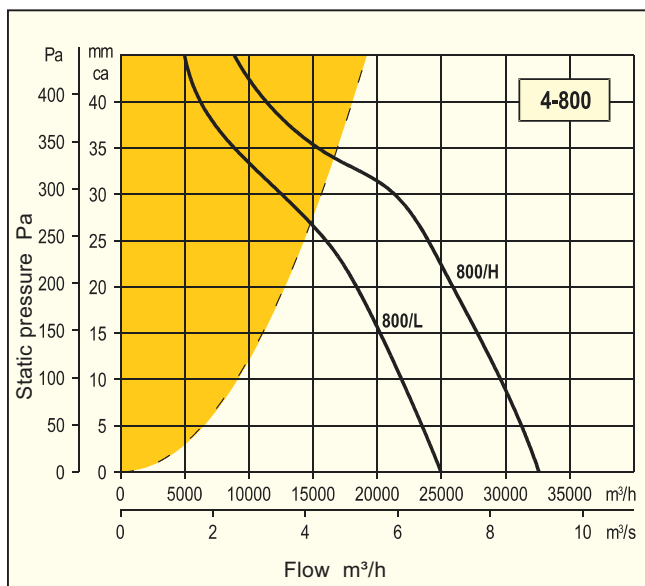
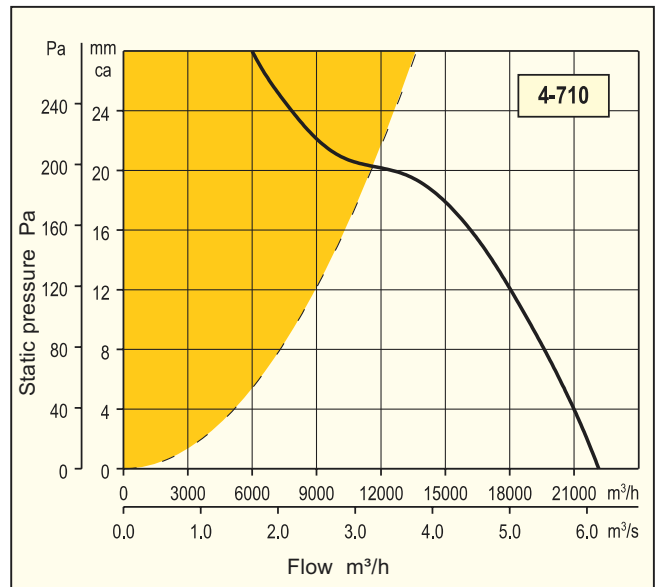
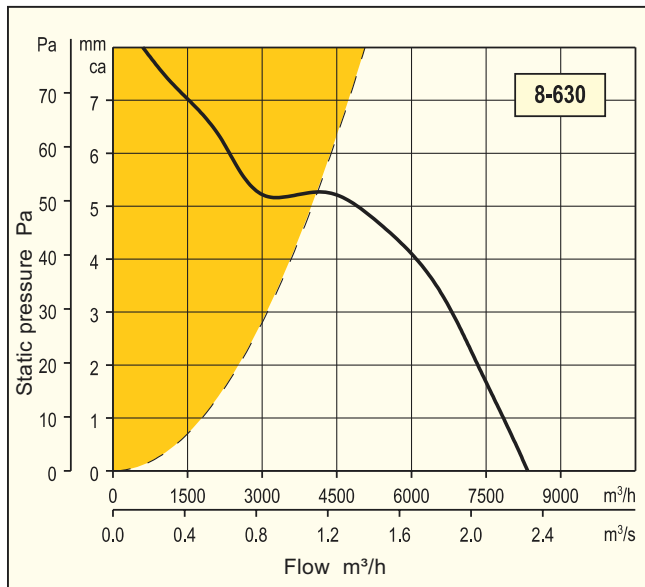
Technical specification HCBT / HCBB

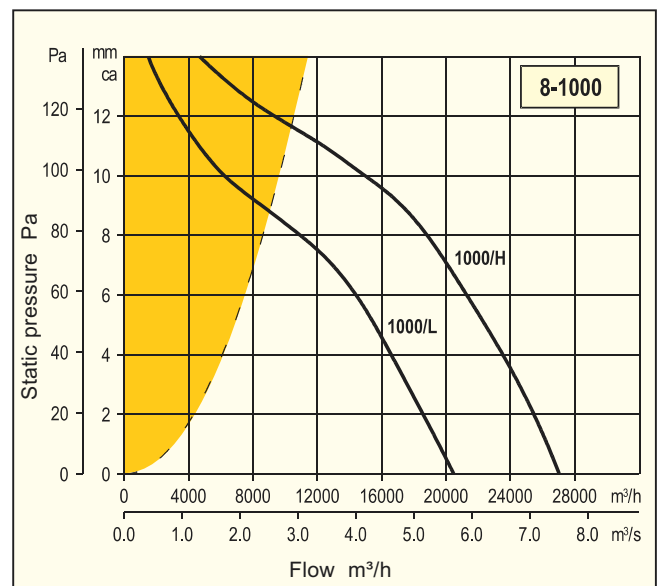
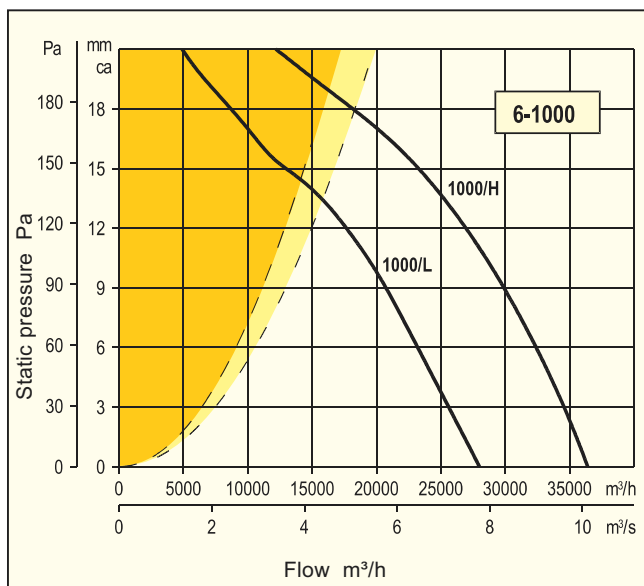
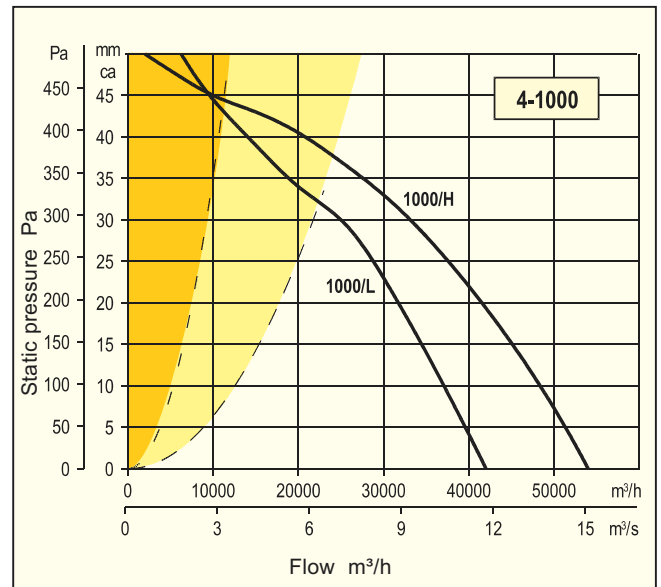
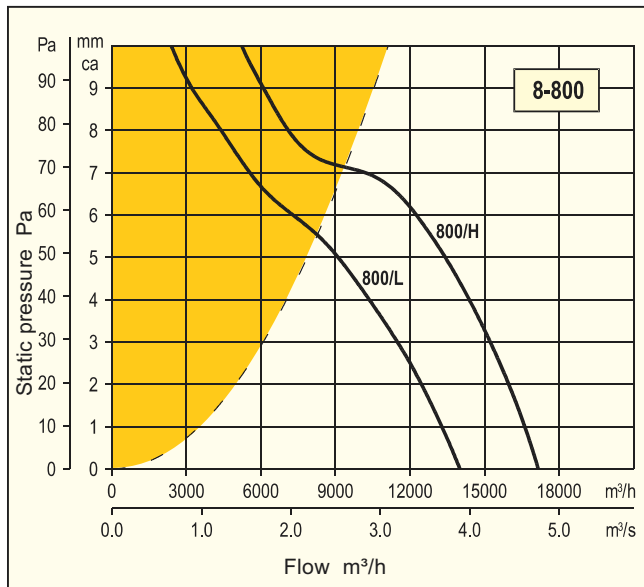
	Number of poles	Type	Speed	Maximum power absorbed	Maximum current		Duty at free discharge (max)	Sound pressure level	Weight	Speed regulation device	Article number
		Wall version	rpm	W	230 V	400 V	m³/h	dB (A)	kg		
SINGLE-PHASE	2	HCBB/2-250/H	2500	250	1,2	—	65	2160	5	—	112 300 881
	4	HCBB/4-250/H	1330	60	0,3	—	52	1215	5	REB-1	112 300 991
		HCBB/4-315/H	1300	100	0,6	—	54	2350	7	REB-1	112 301 071
		HCBB/4-355/H	1225	200	1,0	—	58	3490	8	REB-2,5	112 301 171
		HCBB/4-400/H	1200	340	1,6	—	60	5070	9	REB-2,5	112 301 271
		HCBB/4-450/H	1290	480	2,3	—	65	6760	13	REB-2,5	112 301 371
		HCBB/4-500/H	1290	650	3,0	—	68	9200	16	REB-5N	112 301 471
		HCBB/4-560/H	1250	980	4,9	—	71	12480	22	REB-5N	112 301 571
		HCBB/4-630/H	1200	1700	7,6	—	72	17060	25	—	112 301 671
	6	HCBB/6-355/H	800	90	0,5	—	50	2210	8	REB-1	112 303 071
		HCBB/6-400/H	750	110	0,6	—	52	3400	9	REB-1	112 303 171
		HCBB/6-450/H	835	220	1,2	—	53	4550	13	REB-2,5	112 303 271
		HCBB/6-500/H	840	290	1,6	—	56	5820	16	REB-2,5	112 303 371
		HCBB/6-560/H	900	420	2,4	—	59	7870	22	REB-2,5	112 303 471
		HCBB/6-630/H	800	510	2,6	—	60	10750	25	REB-5N	112 303 571
		HCBB/6-710/H	900	1300	5,7	—	66	17570	27	—	112 303 671
	8	HCBB/8-450/H	625	130	0,7	—	46	3500	13	REB-1	112 306 271
		HCBB/8-500/H	605	160	0,9	—	49	4660	16	REB-1	112 306 371
		HCBB/8-560/H	610	240	1,3	—	52	5990	22	REB-2,5	113 306 471
		HCBB/8-630/H	585	320	1,7	—	53	8340	25	REB-2,5	112 306 571
		HCBB/8-710/H	625	480	2,4	—	59	11960	27	—	112 306 671
THREE-PHASE	2	HCBT/2-250/H	2500	250	0,9	0,5	65	2160	5	—	112 289 075
	4	HCBT/4-250/H	1330	60	0,3	0,2	52	1220	5	RMT-1,5	112 209 875
		HCBT/4-315/H	1300	150	0,6	0,3	54	2350	7	RMT-1,5	112 300 071
		HCBT/4-355/H	1260	200	0,8	0,5	58	3490	8	RMT-1,5	112 300 171
		HCBT/4-400/H	1350	300	1,4	0,8	60	5070	9	RMT-1,5	112 300 271
		HCBT/4-450/H	1230	500	1,7	1,0	65	6760	13	RMT-1,5	112 300 371
		HCBT/4-500/H	1350	660	2,7	1,6	68	9200	16	RMT-3,5	112 300 471
		HCBT/4-560/H	1320	1210	3,9	2,3	71	12480	22	RMT-3,5	112 300 571
		HCBT/4-630/H	1420	1550	5,2	3,0	72	17060	25	—	112 300 671
		HCBT/4-710/H	1350	2200	7,0	4,0	75	22150	27	—	113 300 770
		HCBT/4-800/L	1420	2300	6,6	3,8	79	24960	37	—	112 300 771
		HCBT/4-800/H	1430	4200	12,6	7,3	82	32600	52	—	112 300 775
		HCBT/4-1000/L	1400	4400	12,3	7,1	84	42000	67	—	112 300 776
		HCBT/4-1000/H	1460	7200	20,5	12,0	87	54000	95	—	112 300 777
	6	HCBT/6-355/H	875	90	0,5	0,3	50	2210	8	RMT-1,5	112 302 071
		HCBT/6-400/H	830	110	0,5	0,3	52	3400	9	RMT-1,5	112 302 171
		HCBT/6-450/H	835	190	0,8	0,5	53	4550	13	RMT-1,5	112 302 271
		HCBT/6-500/H	840	250	0,9	0,5	56	5820	16	RMT-1,5	112 302 371
		HCBT/6-560/H	900	410	1,6	0,9	59	8260	22	RMT-1,5	112 302 471
		HCBT/6-630/H	810	460	2,0	1,2	60	11000	25	RMT-1,5	112 302 571
		HCBT/6-710/H	920	1100	4,9	2,8	66	16500	27	—	112 302 770
		HCBT/6-800/L	900	1180	3,9	2,2	70	19370	31	—	112 302 771
		HCBT/6-800/H	940	1220	4,3	2,5	72	22000	36	—	112 302 775
		HCBT/6-1000/L	940	1400	5,6	3,2	75	28000	54	—	112 302 776
		HCBT/6-1000/H	950	2330	7,6	4,4	78	36400	62	—	112 302 777
	8	HCBT/8-450/H	660	130	0,7	0,4	46	3500	13	RMT-1,5	112 304 071
		HCBT/8-500/H	625	150	0,7	0,4	49	4660	16	RMT-1,5	112 304 171
		HCBT/8-560/H	610	230	1,0	0,6	52	5990	22	RMT-1,5	112 304 271
		HCBT/8-630/H	635	310	1,3	0,8	53	8340	25	RMT-1,5	112 304 372
		HCBT/8-710/H	970	150	2,0	1,2	59	11960	27	—	112 304 373
		HCBT/8-800/L	710	580	2,2	1,3	63	14000	63	—	112 304 374
		HCBT/8-800/H	690	700	3,0	1,7	65	17160	64	—	112 304 376
		HCBT/8-1000/L	700	720	3,0	1,7	68	20490	68	—	112 304 377
		HCBT/8-1000/H	725	1100	4,6	2,7	72	27040	71	—	112 304 378











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