

DIRECT DRIVE MOTOR

BC

Extremely robust, low pressure and single inlet centrifugal fans fitted with impeller with reaction blades
Designed for clean or slightly dusty air



Motor:

- IE3 efficiency motors for powers equal to or higher than 0.75 kW except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V-50 Hz (up to 4 kW) and 400/690 V-50 Hz (powers higher than 4 kW).
- Maximum temperature of air to be carried: -25°C +90°C.

Finish:

- Anti-corrosive finish of polyester resin polymerised at 190°C, previously degreased with phosphate-free nanotechnological treatment.

On request:

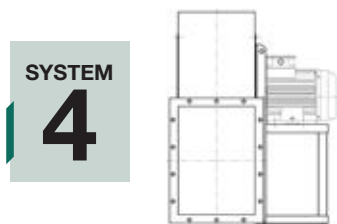
- Special windings for different voltages.
- Fan prepared for air transmission of up to +300°C.
- Special executions for temperatures of +300°C.
- Stainless steel fan.
- Category 2 ATEX certification.
- System 8 elastic coupling.

Fan:

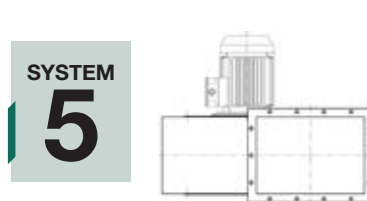
- Sheet steel casing.
- Impeller with reaction blades in extremely robust sheet steel, specially designed for clean or slightly dusty air.
- Motor coupled directly.
- Casing continuously welded starting with size 800.

*The images are provided only for illustrative purposes, the product may vary depending on its size, specifications and position.

Direct drive motor construction method



Direct drive, impeller mounted on the motor shaft, mounted on the pedestal.



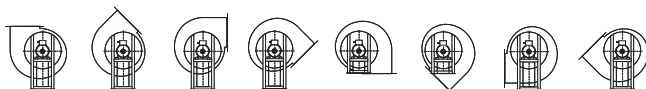
Direct drive, impeller mounted on the motor shaft, flange motor mounted on the fan casing.



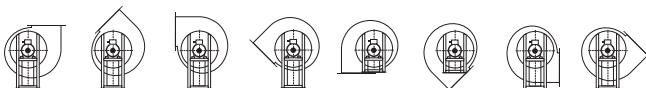
Elastic coupling drive, impeller mounted on the support shaft, mounted on the motor via an elastic coupling. Everything mounted together on a fan pedestal.

Orientations

RD 0 RD45 RD90 RD135 RD180 RD225 RD270 RD315



LG 0 LG45 LG90 LG135 LG180 LG225 LG270 LG315





BELT-DRIVEN MOTOR

BC/R

*Belt-driven fans fitted with electric motors and a standardised set of pulleys, belts and protectors in accordance with standard ISO 13857
Designed for clean or slightly dusty air*



- Motor:
- IE3 efficiency motors.
 - Class F motors with ball bearings and IP55 protection.
 - Three-phase 230/400 V-50 Hz (up to 4 kW) and 400/690 V-50 Hz (powers higher than 4 kW).
 - Maximum temperature of air to be carried: -25°C +90°C.

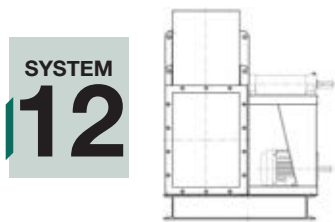
- Finish:
- Anti-corrosive finish of polyester resin polymerised at 190°C, previously degreased with phosphate-free nanotechnological treatment.

- On request:
- Special windings for different voltages.
 - Fan prepared for air transmission of up to +300°C.
 - Stainless steel fan.
 - Category 2 ATEX certification.
 - System 8 elastic coupling.

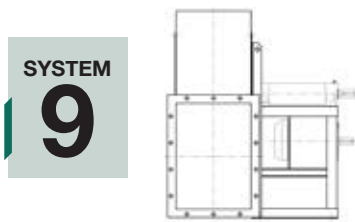
- Fan:
- Sheet steel casing.
 - Impeller with reaction blades in extremely robust sheet steel, specially designed for clean or slightly dusty air.
 - Motor assembled on the general bench.
 - Belt-driven fan.
 - Sizes larger than 1600 will be supplied with the casing disassembled to facilitate transport.
 - Casing continuously welded starting with size 800.

*The images are provided only for illustrative purposes, the product may vary depending on its size, specifications and position.

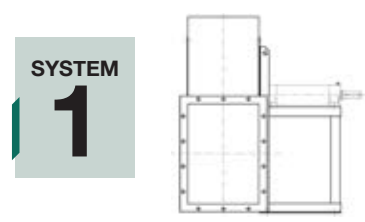
Belt-driven motor construction method



Transmission drive, identical to SYSTEM 1, with the motor and fan mounted on the common bench. Motor positions "W" or "Z" and exceptionally "X" or "Y".



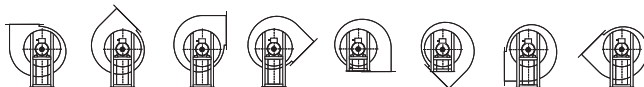
Transmission drive, identical to SYSTEM 1, with the motor mounted on the side of the pedestal, in position "W" or "Z".



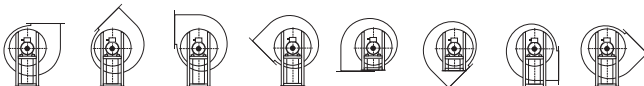
Transmission drive, impeller mounted on the support shaft. Support mounted on the pedestal.

Orientations

RD 0 RD45 RD90 RD135 RD180 RD225 RD270 RD315



LG 0 LG45 LG90 LG135 LG180 LG225 LG270 LG315





QUICK SELECT SYSTEM 4

Impulsion characteristics

Model	Frame	kW abs.	kW inst.	RPM	dB	V m³/s															
						1.5	1.7	1.9	2.1	2.3	2.7	3	3.3	3.7	4.3	4.7	5.3	6	6.5	7.5	
						Pt kgf/m²=mmH₂O															
BC-560/D	90 S/6	0.7	0.75	910	57	41	38	36	28	25											
BC-560	90 L/6	0.9	1.1	910	60	45	43	40	36	33	25										
BC-630/D	100 LA/6	1	1.5	920	63	56	55	53	50	49	45	40	34								
BC-630	112 M/6	2.1	2.2	940	67	60	60	58	57	54	50	46	43	34							
BC-710/D	132 SA/6	2.7	3	950	68						67	66	61	64	58	53	44	33			
BC-710	132 MA/6	3.8	4	950	71						78	76	75	72	65	60	52	45	27		
BC-800/D	132 M/6	5.2	5.5	950	71								93	92	90	88	86	78	72	60	
BC-800	160 M/6	6.8	7.5	960	74								103	102	100	97	92	87	80	73	32
BC-900/D	160 L/6	10	11	960	74										123	120	118	116	114	108	
BC-900	180 L/6	13	15	970	77										135	133	130	127	123	118	
BC-1000/D	200 LR/6	17	18.5	975	77														142	140	138
BC-1000	200 L/6	21	22	975	81														160	159	157

Flow margin ±5%
Noise level margin +3...5 dB

Model	Frame	kW abs.	kW inst.	RPM	dB	V m³/s																
						8.5	9.5	10.5	12	13	15	17	19	21	23	27	30	34	38	43	48	
						Pt kgf/m²=mmH₂O																
BC-710	160 L/4	13.5	15	1465	80	100																
BC-800/D	180 M/4	17	18.5	1470	81	195	178	154	100													
BC-800	180 L/4	21	22	1470	84	210	190	170	135	80												
BC-900/D	225 S/4	33	37	1480	84	302	273	263	230	205	246											
BC-900	225 L/4	43	45	1480	87	328	298	288	260	240	210	170										
BC-1000/D	250 M/4	53	55	1480	88			335	334	332	305	302	265	220	135							
BC-1000	280 S/4	72	75	1485	92			375	374	360	350	305	280	220	350							
BC-900/D	160 L/6	10	11	960	74	97	81	61														
BC-900	180 L/6	13	15	970	77	107	95	83	57													
BC-1000/D	200 LR/6	17	18.5	975	77	136	134	122	107	95	55											
BC-1000	200 L/6	21	22	975	81	152	145	138	127	118	95	70										
BC-1120/D	225 M/6	28	30	980	81	170	168	165	155	148	135	105	95									
BC-1120	250 M/6	35	37	980	84	195	193	192	185	180	168	150	135	115	90							
BC-1250/D	280 M/6	52	55	985	84						236	232	225	212	195	178	125					
BC-1250	315 S/6	74	75	985	87						262	258	250	235	220	212	190	160	130			
BC-1400/D	315 M/6	87	90	985	88								295	290	280	275	265	245	155			
BC-1400	315 M/6	105	110	990	91								335	330	325	307	290	260	225	208	130	

Flow margin ±5%
Noise level margin +3...5 dB

QUICK SELECT SYSTEM 4

Inlet characteristics

Model	Frame	kW abs.	kW inst.	RPM	dB	V m ³ /s																				
						0.26	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.8	0.9	1.05	1.2	1.3						
						Pt kgf/m ² =mmH ₂ O																				
BC-250	71 B/2	0.5	0.55	2810	73	82	82	80	77	74	67	64	60	54	48	43										
BC-280	80 B/2	0.85	1.1	2820	74					101	100	99	98	96	93	88	80	71	58							
BC-310	90 L/2	1.6	2.2	2840	78											123	122	121	120	118	115	110	91	82		
BC-350	100 LA/2	2.85	3	2850	81																	180	180	175	166	161
BC-400/D	112 M/2	3.45	4	2860	83																			201	200	
BC-400	132 SA/2	5	5.5	2900	86																			219	216	
BC-310	63 B/4	0.15	0.18	1340	57	29	28	27	25	23	21	19	17	15	12											
BC-350	71 B/4	0.3	0.37	1350	61					43	42	41	40	39	37	36	32	27	20							
BC-400	80 A/4	0.52	0.55	1360	66							52	52	51	50	48	46	40	36	31						
BC-450/D	80 B/4	0.72	0.75	1360	66																	61	60	60	56	54
BC-450	90 S/4	0.9	1.1	1380	69																	66	65	64	60	58
BC-500/D	90 L/4	1.4	1.5	1380	70																			73	73	
BC-500	100 LA/4	2.1	2.2	1410	73																			84	83	
BC-500/D	80 B/6	0.44	0.55	900	58																	35	34	32	29	27
BC-500	80 B/6	0.53	0.55	900	59																	36	36	34	32	29
BC-560/D	90 S/6	0.7	0.75	910	60																			42	41	38
BC-560	90 L/6	0.9	1.1	910	63																			46	45	45

Flow margin ±5%
Noise level margin +3...5 dB

Model	Frame	kW abs.	kW inst.	RPM	dB	V m ³ /s																				
						1.5	1.7	1.9	2.1	2.3	2.7	3	3.3	3.7	4.3	4.7	5.3	6	6.5	7.5						
						Pt kgf/m ² =mmH ₂ O																				
BC-310	90 L/2	1.6	2.2	2840	78	62																				
BC-350	100 LA/2	2.85	3	2850	81	147	132	114	93	67																
BC-400/D	112 M/2	3.45	4	2860	83	198	188	180	170	151																
BC-400	132 SA/2	5	5.5	2900	86	211	202	192	182	166	139	115														
BC-450/D	132 SB/2	7.3	7.5	2900	87	265	266	262	259	252	230	205	172	110												
BC-450	160 MA/2	9	11	2910	87	288	286	278	274	259	240	219	197	168	120											
BC-500/D	160 MB/2	13.5	15	2930	89					320	317	307	302	288	252	226	173	158								
BC-500	160 L/2	17	18.5	2940	93					360	350	336	326	312	283	259	226	184	125							
BC-400	80 A/4	0.52	0.55	1360	66	23																				
BC-450/D	80 B/4	0.72	0.75	1360	66	48	38	19																		
BC-450	90 S/4	0.9	1.1	1380	69	53	45	40	32																	
BC-500/D	90 L/4	1.4	1.5	1380	70	72	69	66	55	42	14															
BC-500	100 LA/4	2.1	2.2	1410	73	81	77	72	67	62	50	40														
BC-560/D	100 LB/4	2.8	3	1410	73	96	96	93	92	84	75	61	33													
BC-560	112 M/4	3.75	4	1420	76	108	106	104	100	93	86	79	69	48												
BC-630/D	132 S/4	5	5.5	1430	77					120	114	110	108	99	79	50	35									
BC-630	132 MA/4	7	7.5	1430	80					134	134	133	130	123	110	104	88	74	56							
BC-710/D	160 M/4	10	11	1465	80											163	161	156	154	143	130	96				
BC-710	160 L/4	13.5	15	1465	83											182	180	173	170	161	152	137	120			
BC-800/D	180 M/4	17	18.5	1470	84																	223	221	219	217	202
BC-800	180 L/4	21	22	1470	87																	245	245	234	228	213
BC-900/D	225 S/4	33	37	1480	87																			293	292	

Flow margin ±5%
Noise level margin +3...5 dB



QUICK SELECT SYSTEM 4

Inlet characteristics

Model	Frame	kW abs.	kW inst.	RPM	dB	V m³/s																				
						1.5	1.7	1.9	2.1	2.3	2.7	3	3.3	3.7	4.3	4.7	5.3	6	6.5	7.5						
						Pt kgf/m²=mmH₂O																				
BC-900	225 L/4	43	45	1480	90																				317	317
BC-500/D	80 B/6	0.44	0.55	900	58	23	18																			
BC-500	80 B/6	0.53	0.55	900	59	26	22	17																		
BC-560/D	90 S/6	0.7	0.75	910	60	39	36	35	27	24																
BC-560	90 L/6	0.9	1.1	910	63	43	41	38	35	32	24															
BC-630/D	100 LA/6	1	1.5	920	66	54	53	51	48	47	43	38	33													
BC-630	112 M/6	2.1	2.2	940	70	58	58	56	55	52	48	44	41	33												
BC-710/D	132 SA/6	2.7	3	950	71					64	63	59	61	56	51	42	32									
BC-710	132 MA/6	3.8	4	950	74					75	73	72	69	62	58	50	43	26								
BC-800/D	132 M/6	5.2	5.5	950	74						89	88	86	84	83	75	69	58								
BC-800	160 M/6	6.8	7.5	960	77						99	98	96	93	88	84	77	70	31							
BC-900/D	160 L/6	10	11	960	77										118	115	113	111	109	104						
BC-900	180 L/6	13	15	970	80										130	128	125	122	118	113						
BC-1000/D	200 LR/6	17	18.5	975	80														136	134	132					
BC-1000	200 L/6	21	22	975	84															154	153	151				

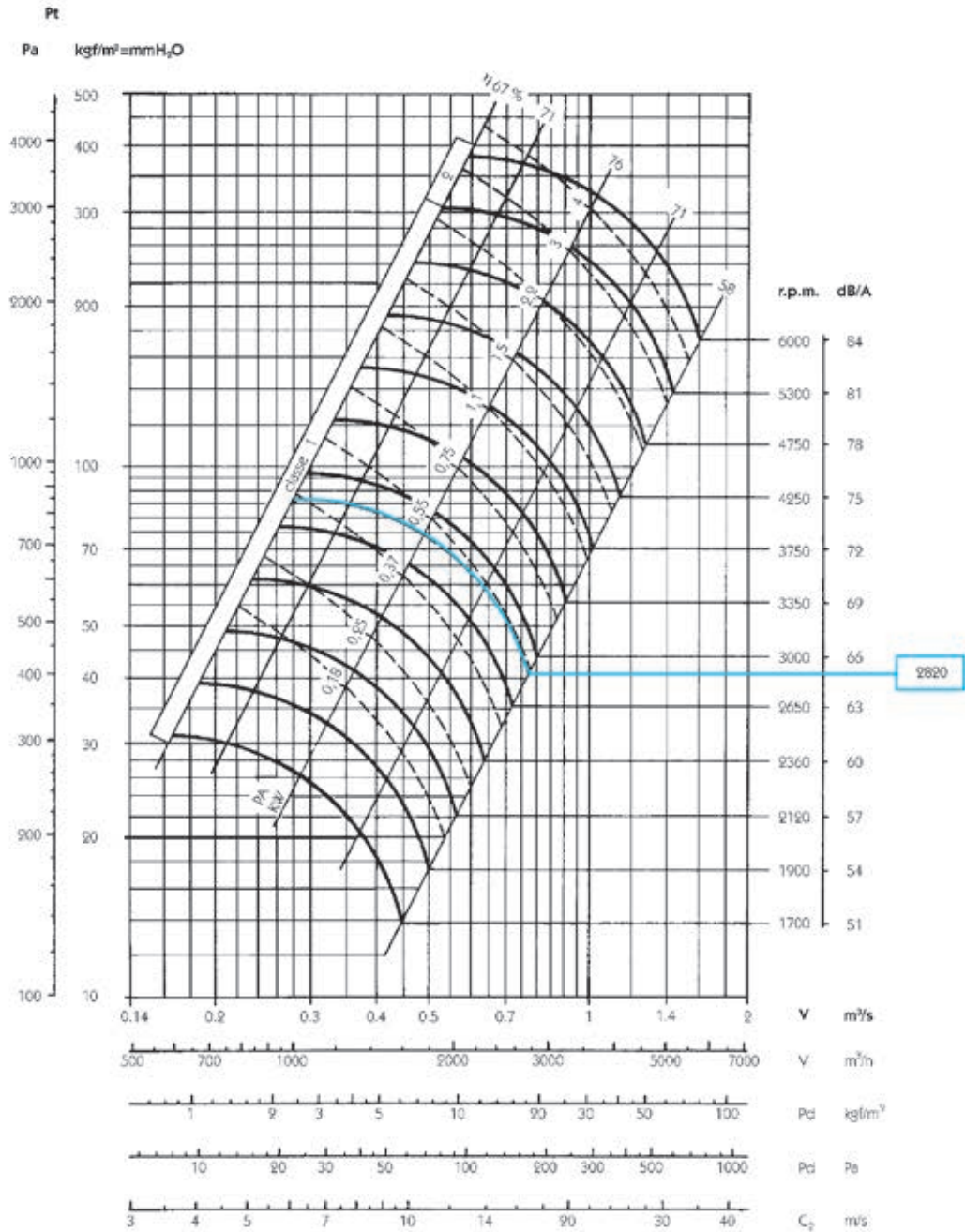
Flow margin ±5%
Noise level margin +3...5 dB

Model	Frame	kW abs.	kW inst.	RPM	dB	V m³/s																				
						8.5	9.5	10.5	12	13	15	17	19	21	23	27	30	34	38	43	48					
						Pt kgf/m²=mmH₂O																				
BC-710	160 L/4	13.5	15	1465	83	96																				
BC-800/D	180 M/4	17	18.5	1470	84	187	171	148	96																	
BC-800	180 L/4	21	22	1470	87	202	182	163	130	77																
BC-900/D	225 S/4	33	37	1480	87	290	262	252	221	197	236															
BC-900	225 L/4	43	45	1480	90	315	286	276	250	230	202	163														
BC-1000/D	250 M/4	53	55	1480	91	322	321	319	293	290	254	211	130													
BC-1000	280 S/4	72	75	1485	95	360	359	346	336	317	293	269	211	336												
BC-900/D	160 L/6	10	11	960	77	93	78	59																		
BC-900	180 L/6	13	15	970	80	103	91	80	55																	
BC-1000/D	200 LR/6	17	18.5	975	80	131	129	117	103	91	53															
BC-1000	200 L/6	21	22	975	84	146	139	132	122	113	91	67														
BC-1120/D	225 M/6	28	30	980	84	163	161	158	149	142	130	101	91													
BC-1120	250 M/6	35	37	980	87	187	185	184	178	173	161	144	130	110	86											
BC-1250/D	280 M/6	52	55	985	87					227	223	216	204	187	171	120										
BC-1250	315 S/6	74	75	985	90					252	248	240	226	211	204	182	154	125								
BC-1400/D	315 M/6	87	90	985	91								283	278	269	264	254	235	149							
BC-1400	315 M/6	105	110	990	94								322	317	312	295	278	250	216	200	125					

Flow margin ±5%
Noise level margin +3...5 dB

Characteristic curves

BC 250



Flow margin $\pm 5\%$
Noise level margin + 3... 5 dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2
$\leq 100^{\circ}\text{C}$	5000	6300
100 ... 200 $^{\circ}\text{C}$	4500	5600
200 ... 300 $^{\circ}\text{C}$	4000	5000

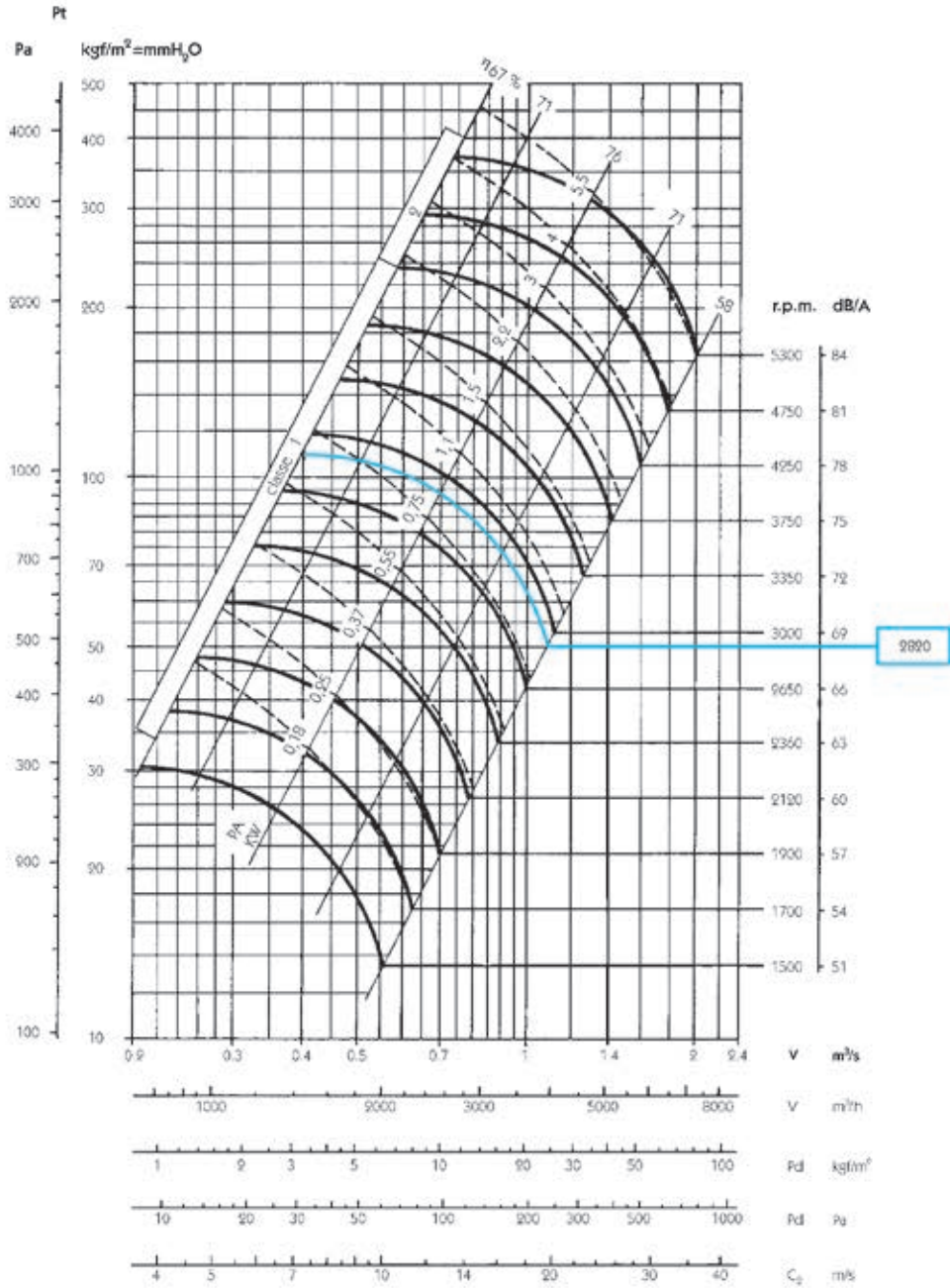
RPM

Characteristics for:
system 4 and 5 in direct
drive motor with 2/4/6/8
poles depending on the
model.



Characteristic curves

BC 280



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

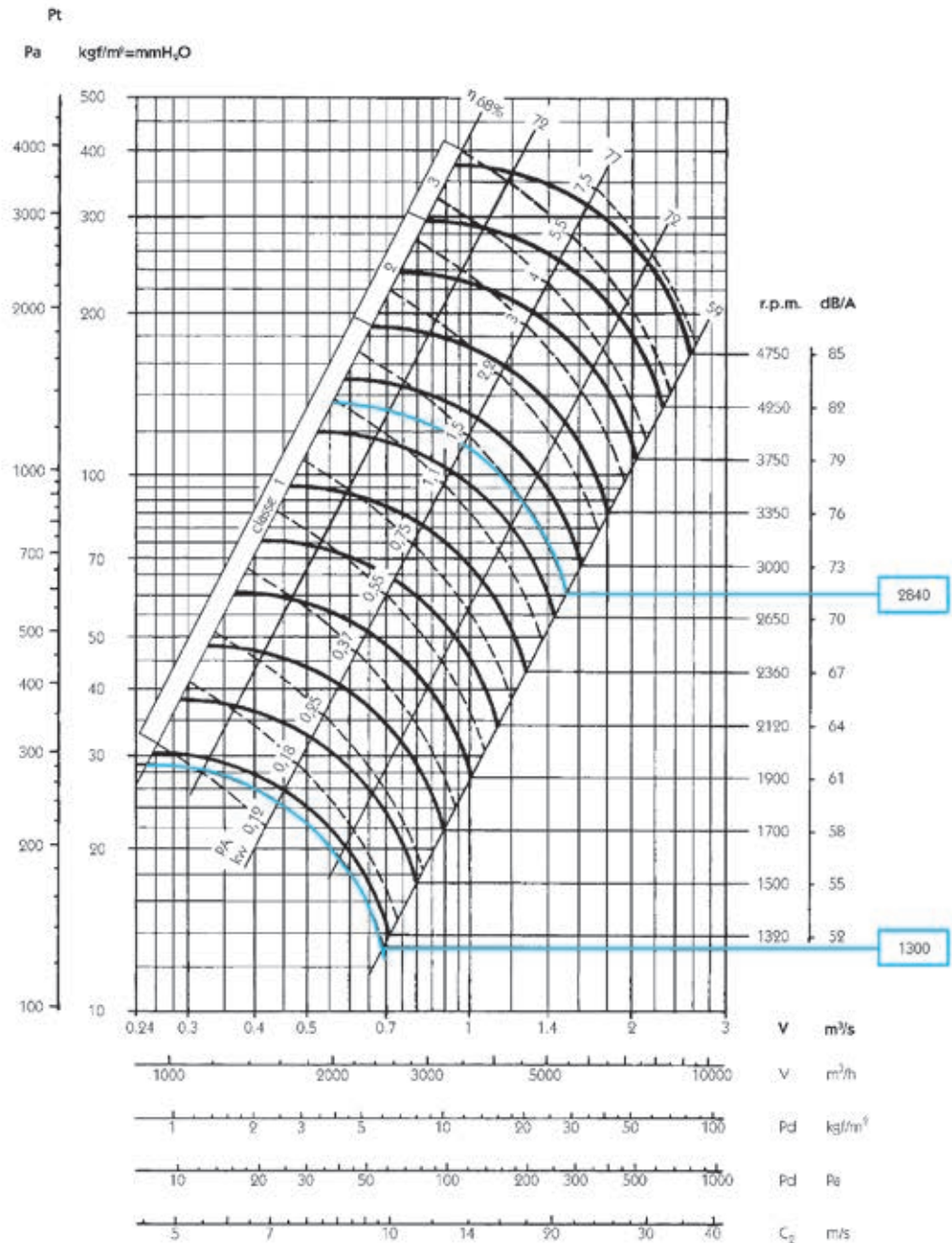
	Class 1	Class 2
≤ 100°C	4000	5000
100...200°C	3550	4500
200...300°C	3150	4000

RPM

Characteristics for:
 system 4 and 5 in direct
 drive motor with 2/4/6/8
 poles depending on the
 model.

Characteristic curves

BC 310



Flow margin ±5%
Noise level margin +3...5 dB
Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2	Class 3
≤ 100°C	3150	4000	5000
100...200°C	2800	3550	4500
200...300°C	2500	3150	4000

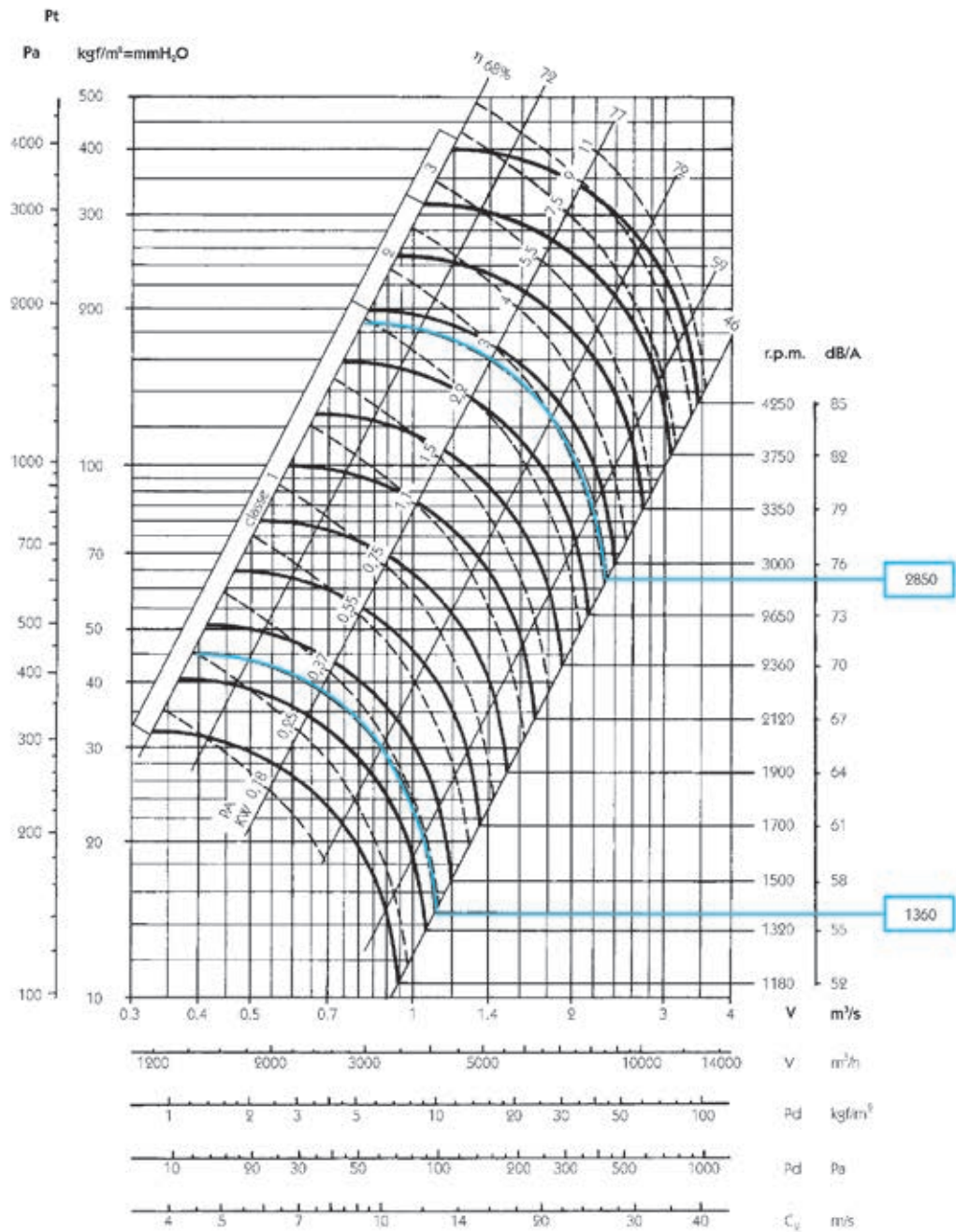
RPM

Characteristics for:
system 4 and 5 in direct
drive motor with 2/4/6/8
poles depending on the
model.



Characteristic curves

BC 350



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

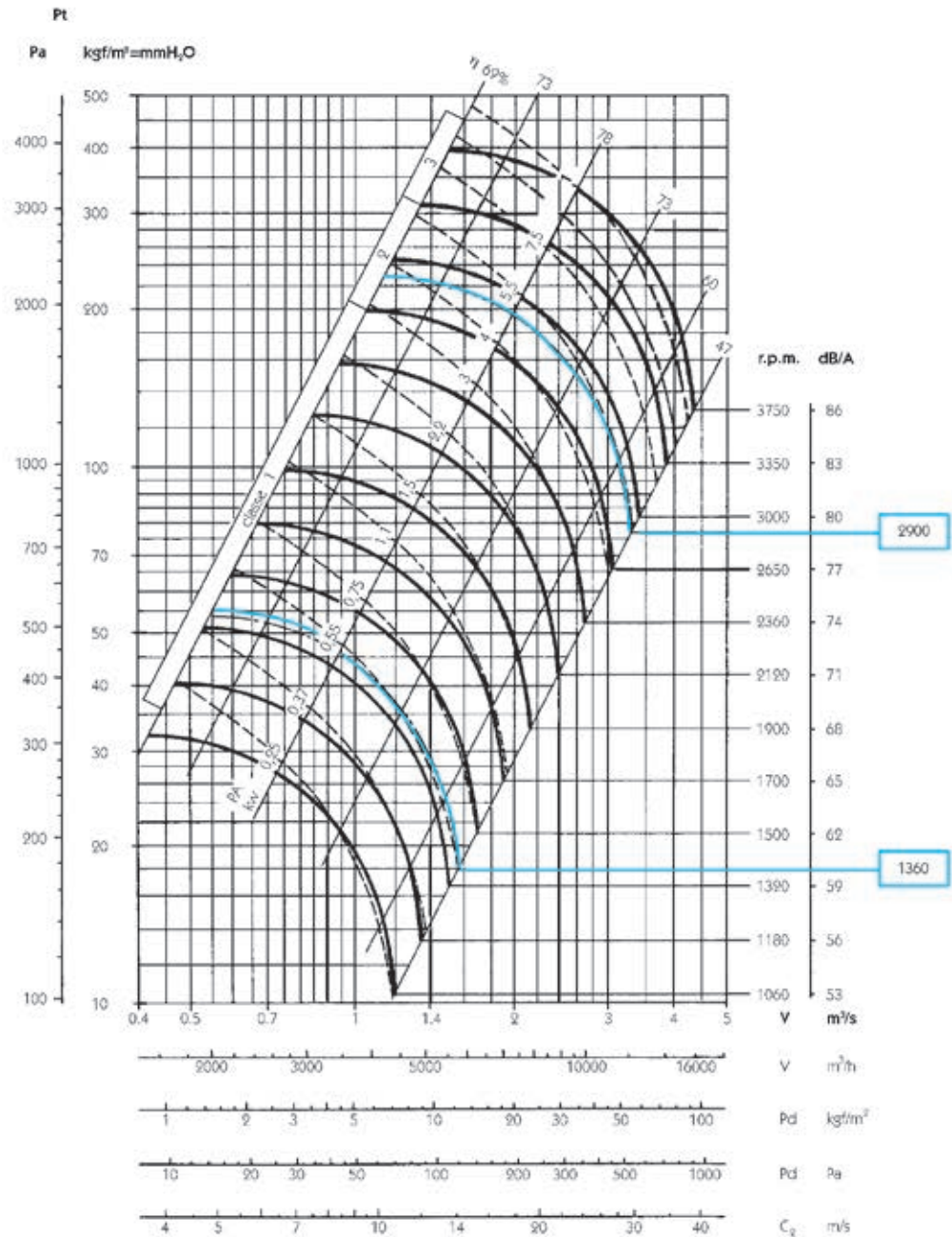
	Class 1	Class 2	Class 3
≤ 100°C	2800	3550	4500
100...200°C	2500	3150	4000
200...300°C	2240	2800	3550

RPM

Characteristics for:
 system 4 and 5 in direct
 drive motor with 2/4/6/8
 poles depending on the
 model.

Characteristic curves

BC 400



Flow margin $\pm 5\%$
Noise level margin $+3...5$ dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2	Class 3
$\leq 100^\circ\text{C}$	2500	3150	4000
100...200°C	2240	2800	3550
200...300°C	2000	2500	3150

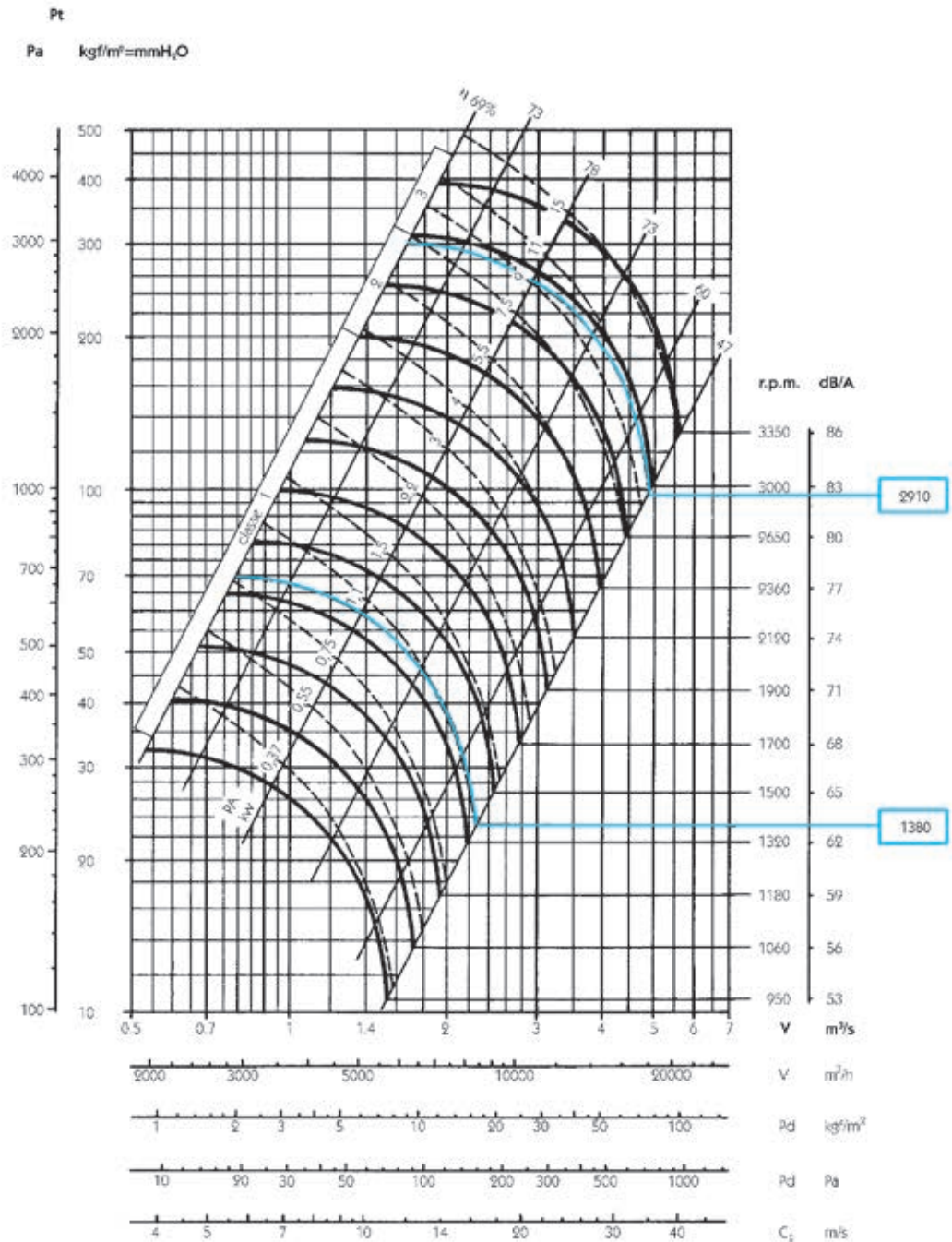
RPM

Characteristics for:
system 4 and 5 in direct
drive motor with 2/4/6/8
poles depending on the
model.



Characteristic curves

BC 450



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

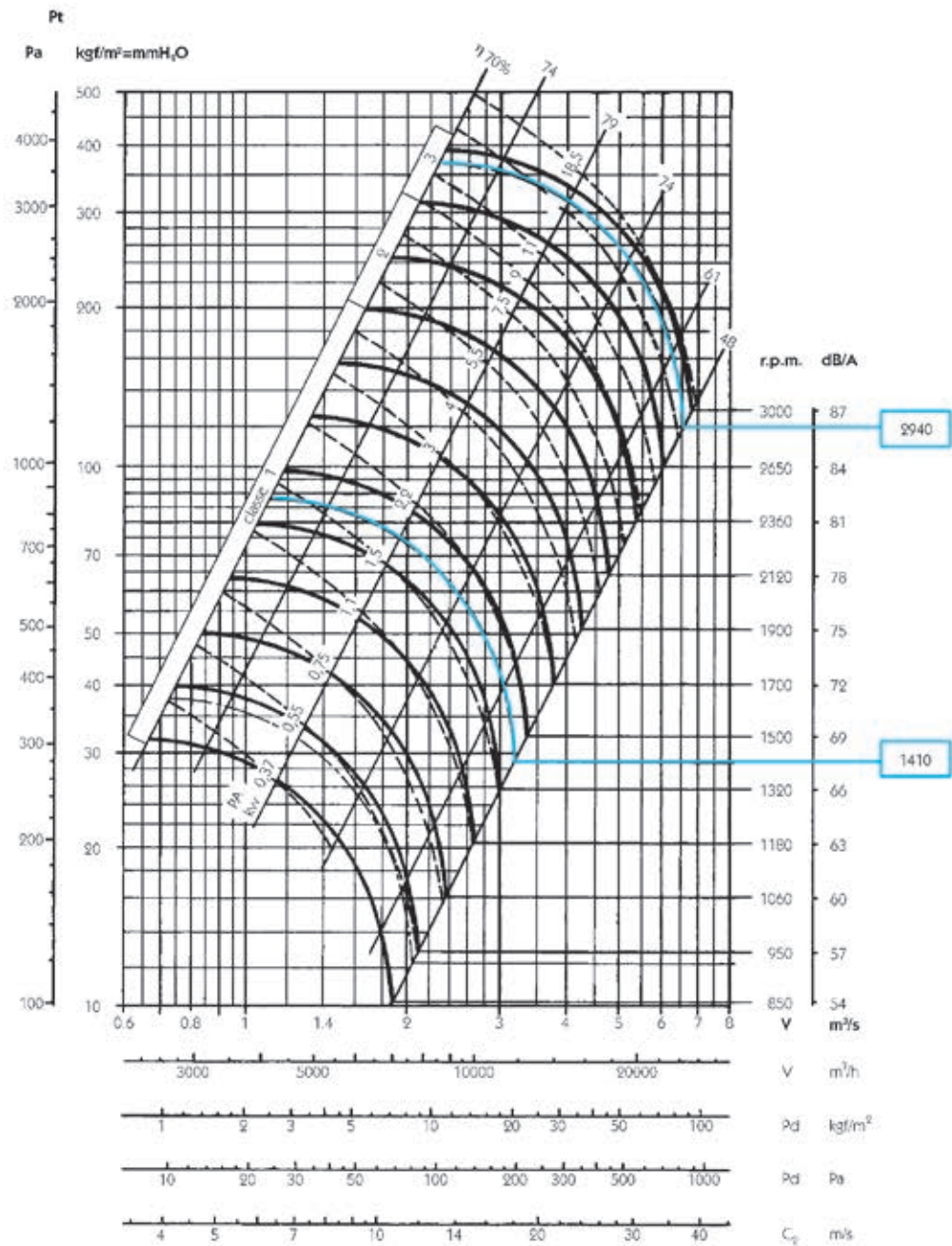
	Class 1	Class 2	Class 3
≤ 100°C	2240	2800	3550
100...200°C	2000	2500	3150
200...300°C	1800	2250	2800

RPM

Characteristics for:
 system 4 and 5 in direct
 drive motor with 2/4/6/8
 poles depending on the
 model.

Characteristic curves

BC 500



Flow margin $\pm 5\%$
Noise level margin $+3...5$ dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2	Class 3
$\leq 100^{\circ}\text{C}$	2000	2500	3150
100...200°C	1800	2240	2800
200...300°C	1600	2000	2500

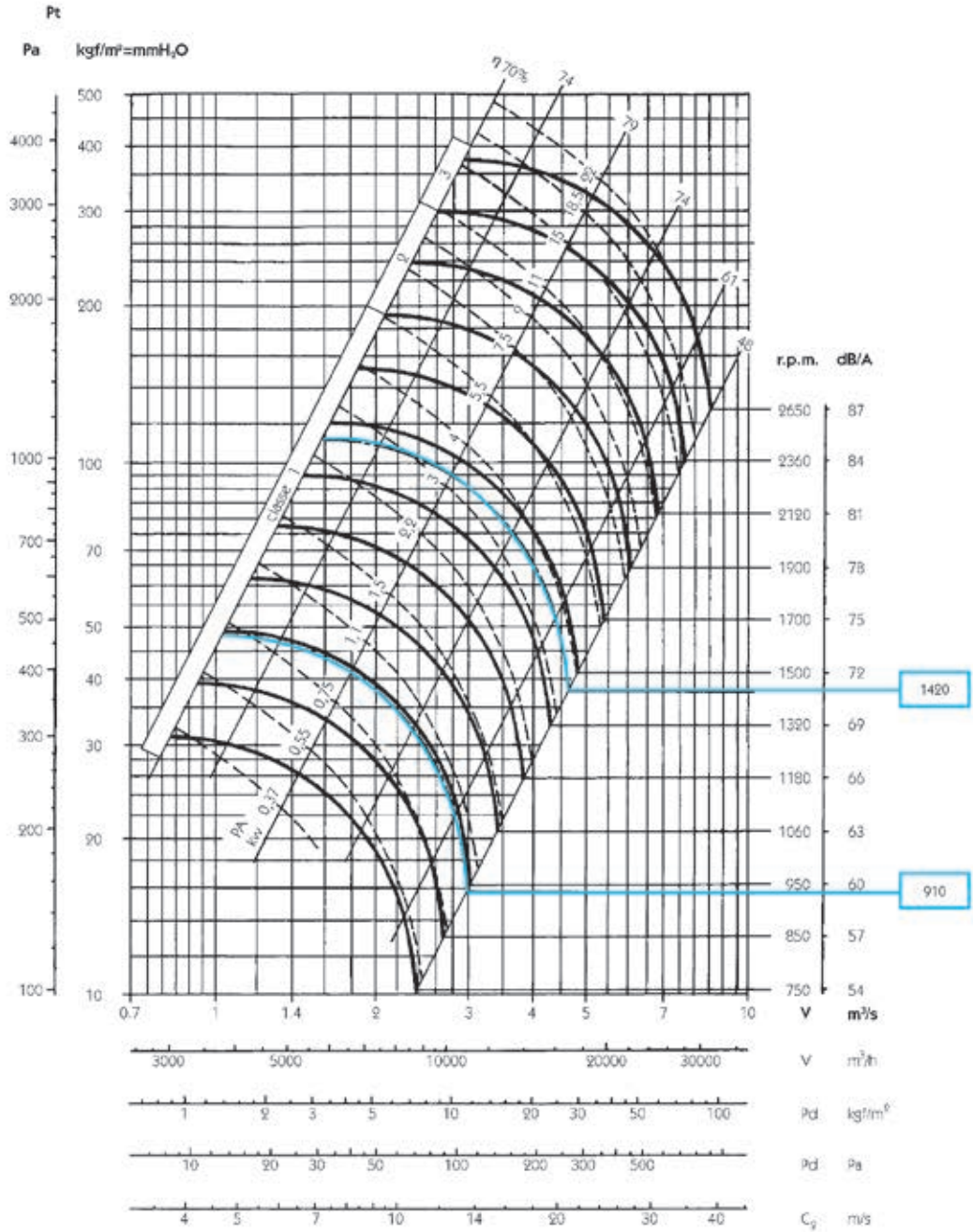
RPM

Characteristics for:
system 4 and 5 in direct
drive motor with 2/4/6/8
poles depending on the
model.



Characteristic curves

BC 560



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

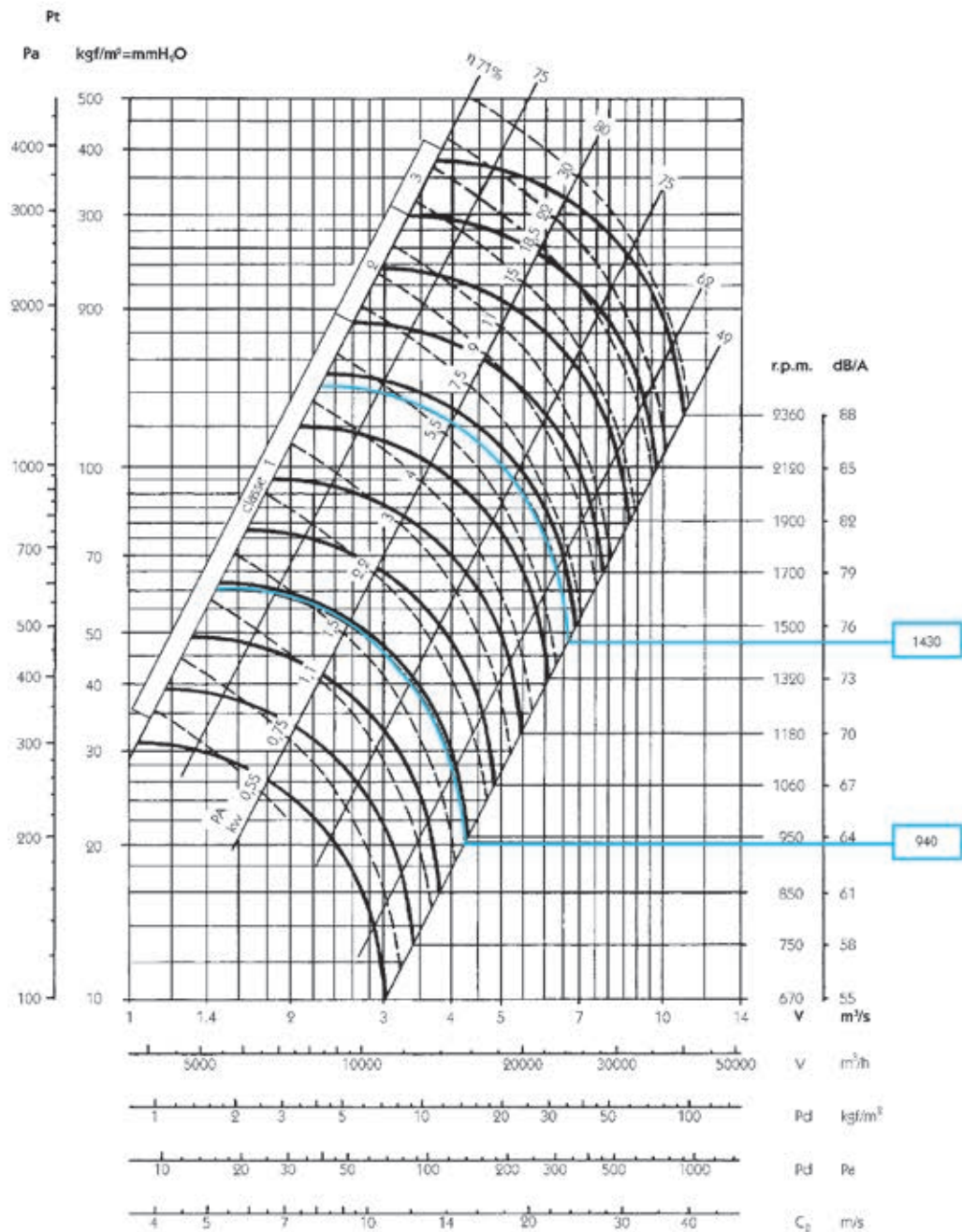
	Class 1	Class 2	Class 3
≤ 100°C	1800	2240	2800
100...200°C	1600	2000	2500
200...300°C	1400	1800	2240

RPM

Characteristics for:
 system 4 and 5 in direct
 drive motor with 2/4/6/8
 poles depending on the
 model.

Characteristic curves

BC 630



Flow margin $\pm 5\%$
Noise level margin $+3...5$ dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2	Class 3
$\leq 100^{\circ}\text{C}$	1600	2000	2500
100...200 $^{\circ}\text{C}$	1400	1800	2240
200...300 $^{\circ}\text{C}$	1250	1600	2000

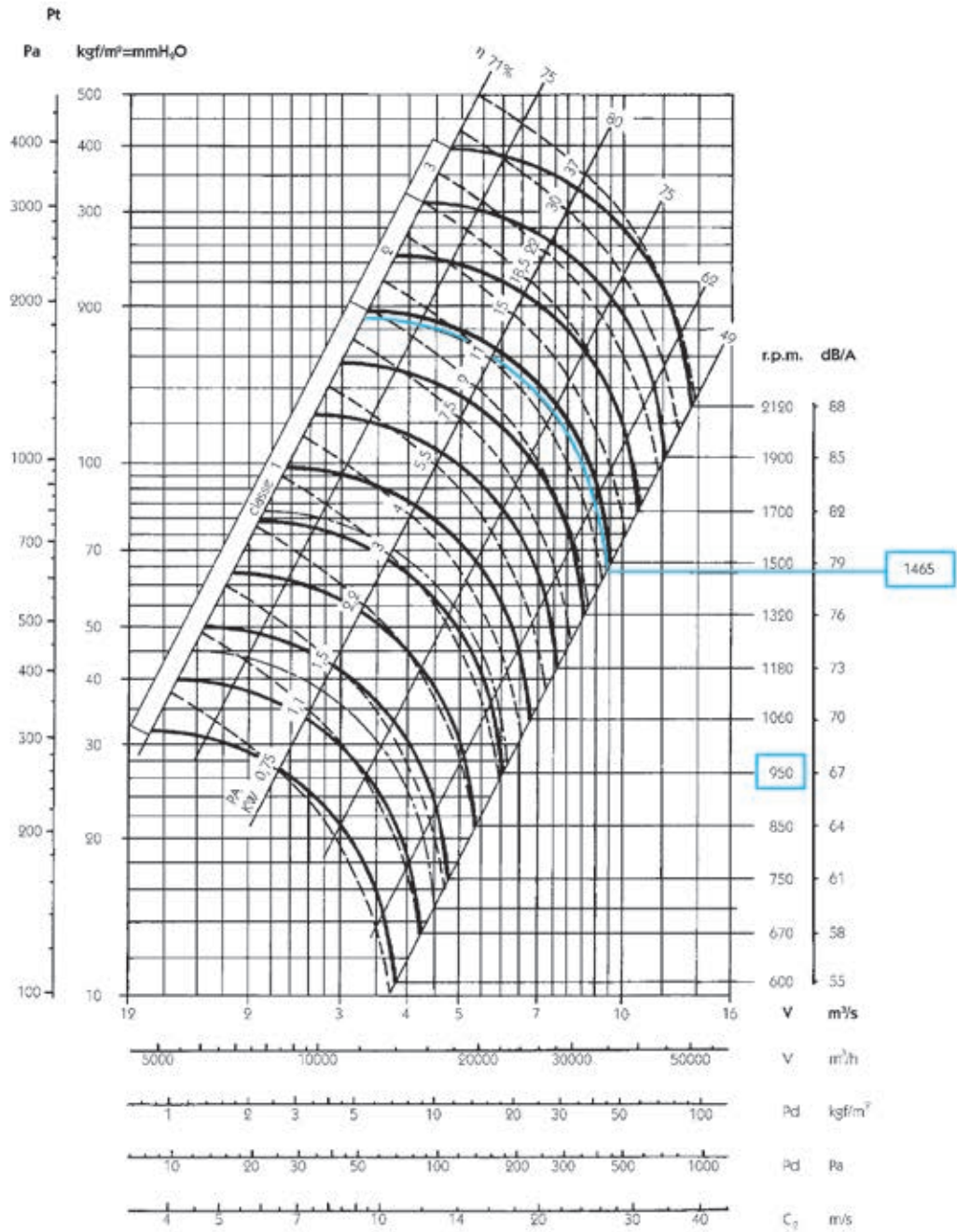
RPM

Characteristics for:
system 4 and 5 in direct
drive motor with 2/4/6/8
poles depending on the
model.



Characteristic curves

BC 710



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

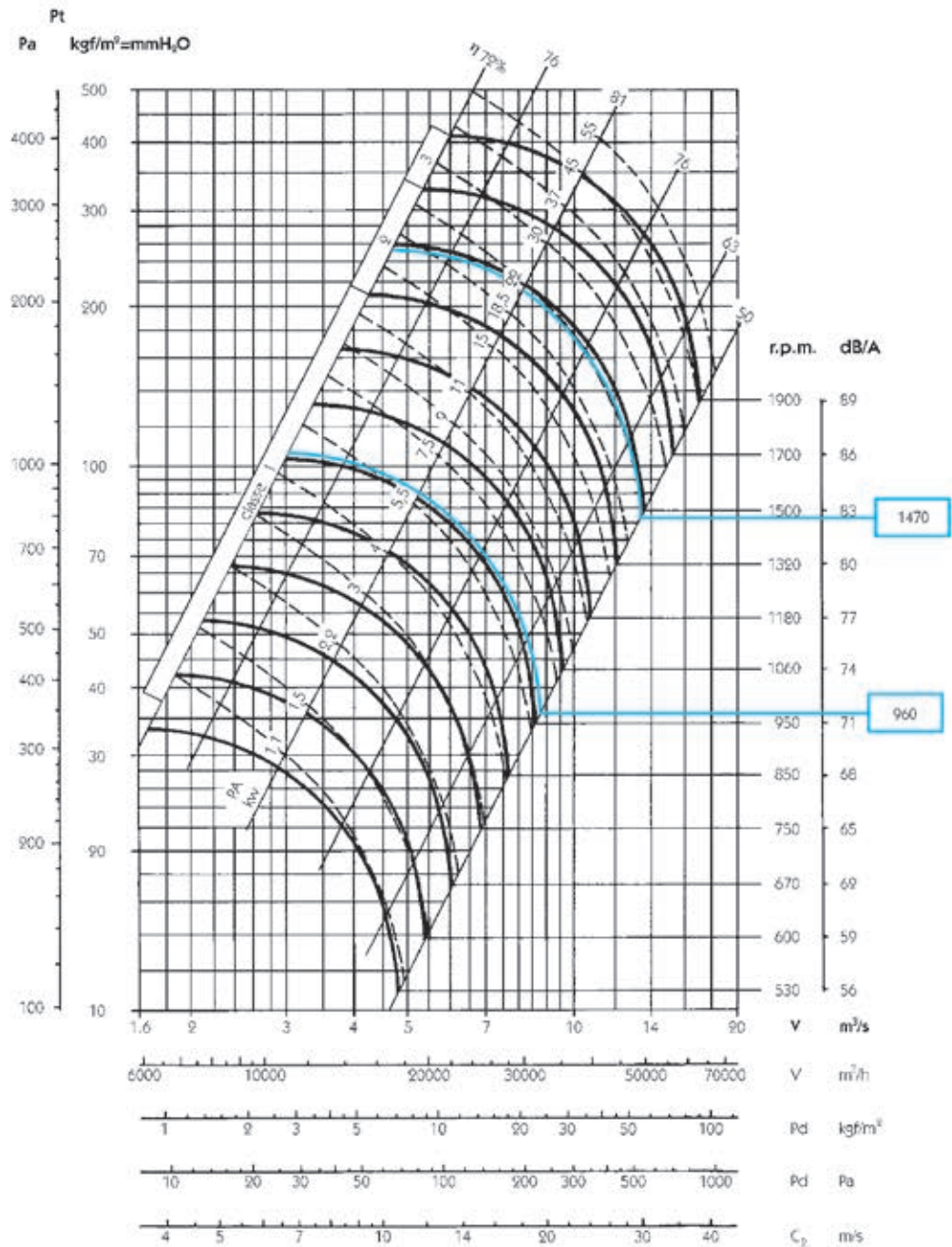
	Class 1	Class 2	Class 3
≤ 100°C	1400	1800	2240
100...200°C	1250	1600	2000
200...300°C	1120	1400	1800

RPM

Characteristics for:
 system 4 in direct motor
 with 2/4/6/8 poles
 depending on the model.

Characteristic curves

BC 800



Flow margin $\pm 5\%$
Noise level margin $+3...5$ dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2	Class 3
$\leq 100^{\circ}\text{C}$	1250	1600	2000
100...200 $^{\circ}\text{C}$	1120	1400	1800
200...300 $^{\circ}\text{C}$	1000	1250	1600

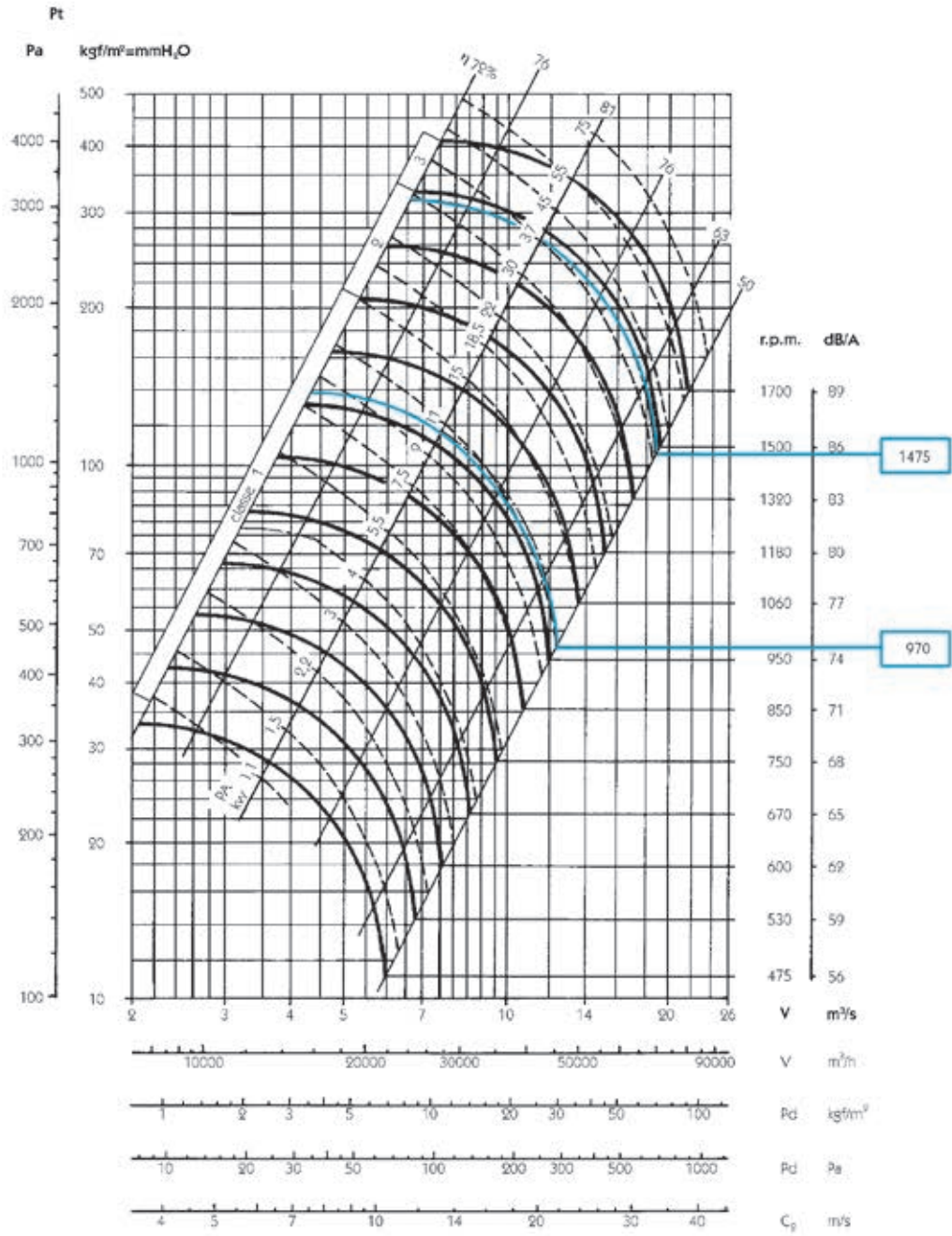
RPM

Characteristics for:
system 4 in direct motor
with 2/4/6/8 poles
depending on the model.



Characteristic curves

BC 900



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

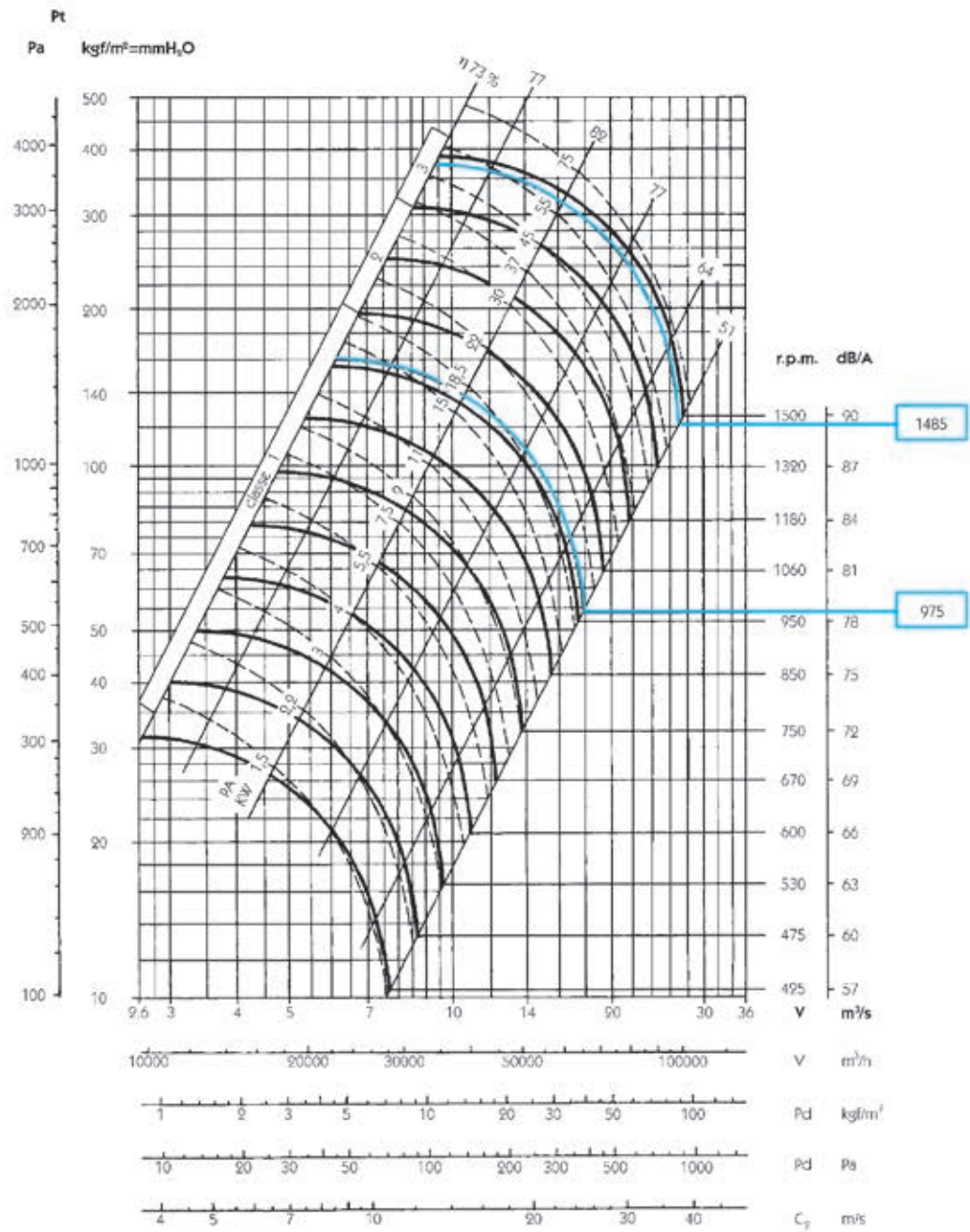
	Class 1	Class 2	Class 3
≤ 100°C	1120	1400	1800
100...200°C	1000	1250	1600
200...300°C	900	1120	1400

RPM

Characteristics for:
 system 4 in direct motor
 with 2/4/6/8 poles
 depending on the model.

Characteristic curves

BC 1000



Flow margin $\pm 5\%$
Noise level margin $+3...5$ dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2	Class 3
$\leq 100^\circ\text{C}$	1000	1250	1600
100...200°C	900	1120	1400
200...300°C	800	1000	1250

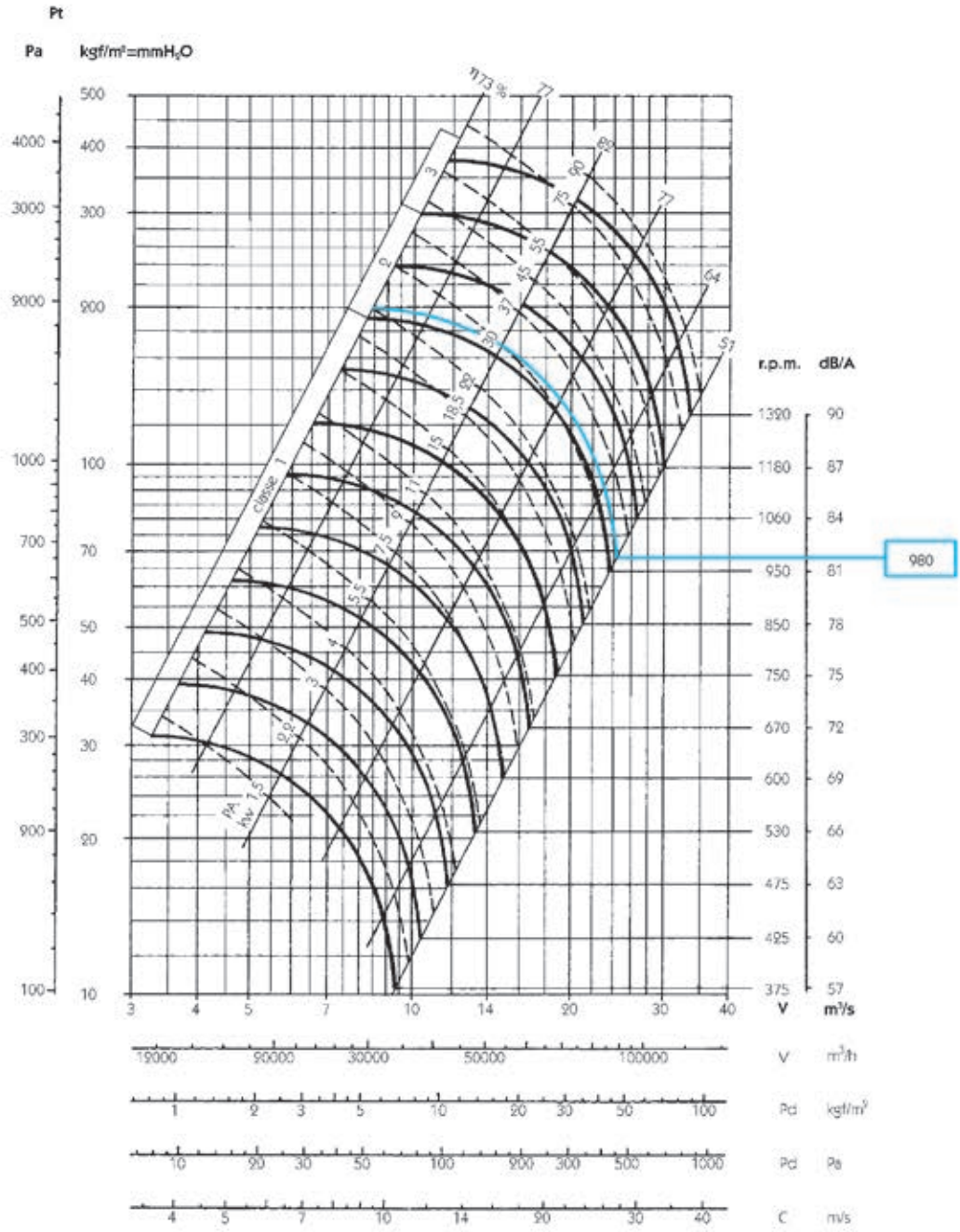
RPM

Characteristics for:
system 4 in direct motor
with 2/4/6/8 poles
depending on the model.



Characteristic curves

BC 1120



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

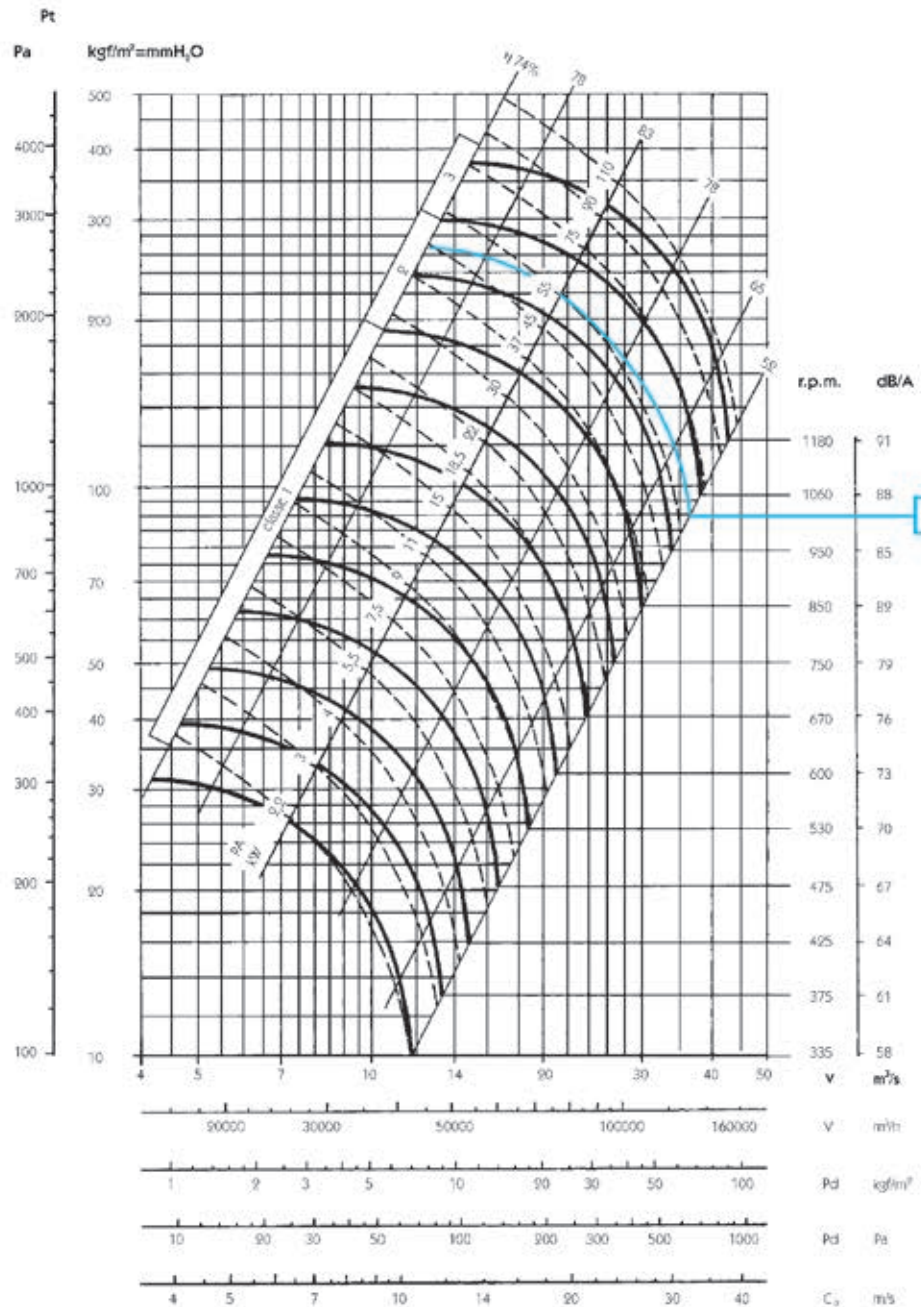
	Class 1	Class 2	Class 3
≤ 100°C	900	1120	1400
100...200°C	800	1000	1250
200...300°C	710	900	1120

RPM

Characteristics for:
 system 4 in direct motor
 with 2/4/6/8 poles
 depending on the model.

Characteristic curves

BC 1250



Flow margin $\pm 5\%$
Noise level margin $+3...5$ dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2	Class 3
$\leq 100^{\circ}\text{C}$	800	1000	1250
100...200 $^{\circ}\text{C}$	710	900	1120
200...300 $^{\circ}\text{C}$	630	800	1000

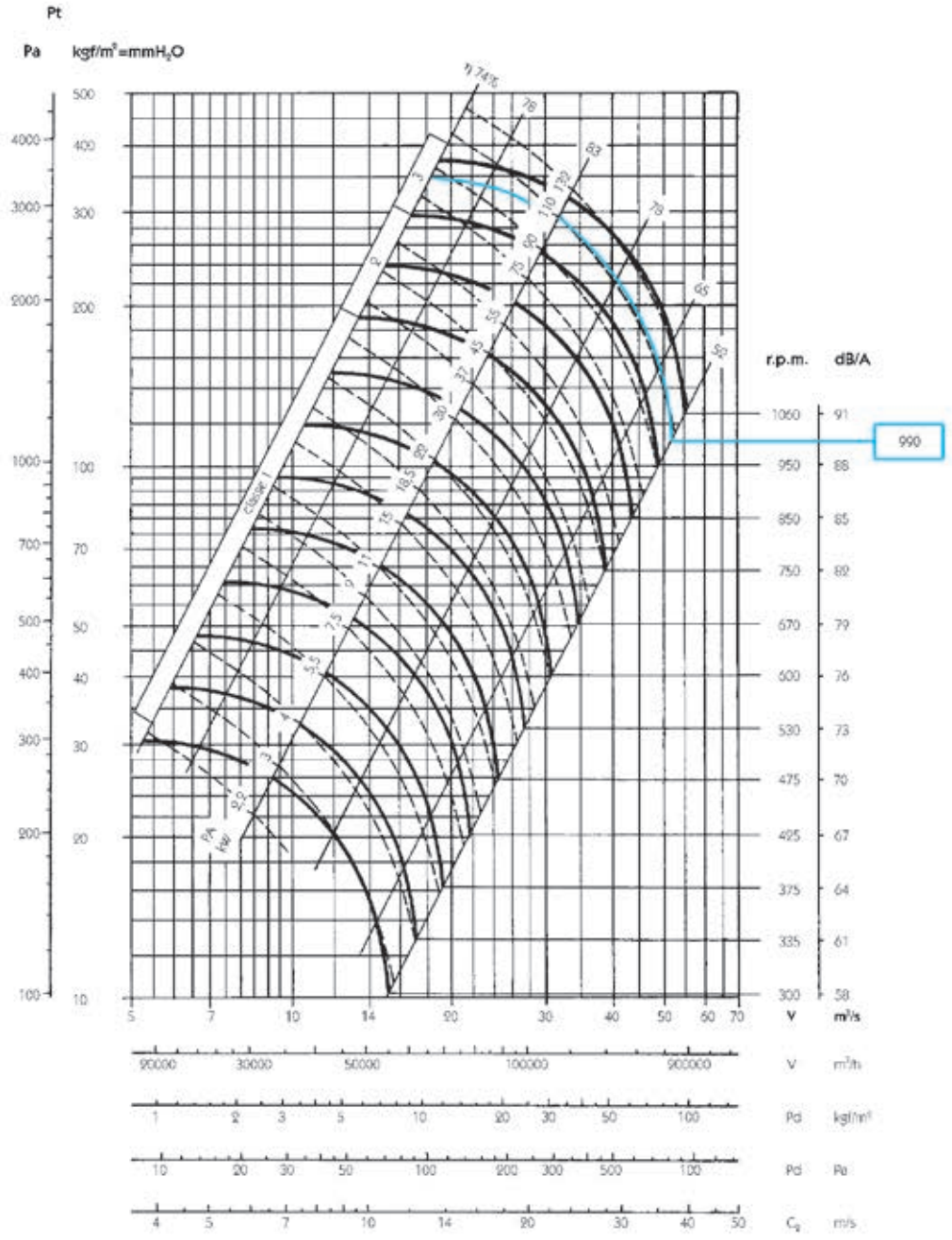
RPM

Characteristics for:
system 4 in direct motor
with 2/4/6/8 poles
depending on the model.



Characteristic curves

BC 1400



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

Impulsion characteristics

Maximum admissible RPM

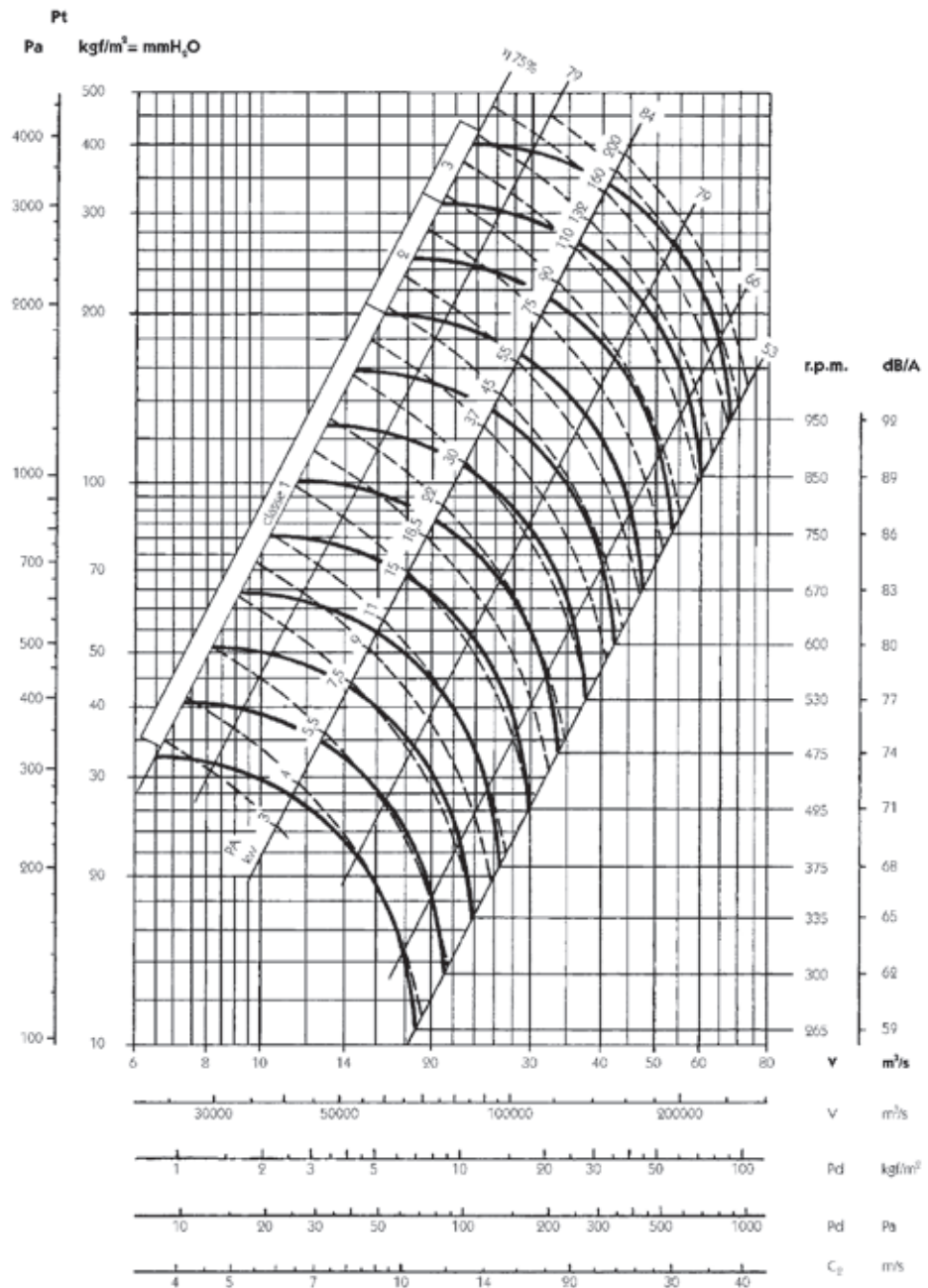
	Class 1	Class 2	Class 3
≤ 100°C	710	900	1120
100...200°C	630	800	1000
200...300°C	560	710	900

RPM

Characteristics for:
 system 4 in direct motor
 with 2/4/6/8 poles
 depending on the model.

Characteristic curves

BC 1600



Flow margin $\pm 5\%$
Noise level margin $+3...5$ dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

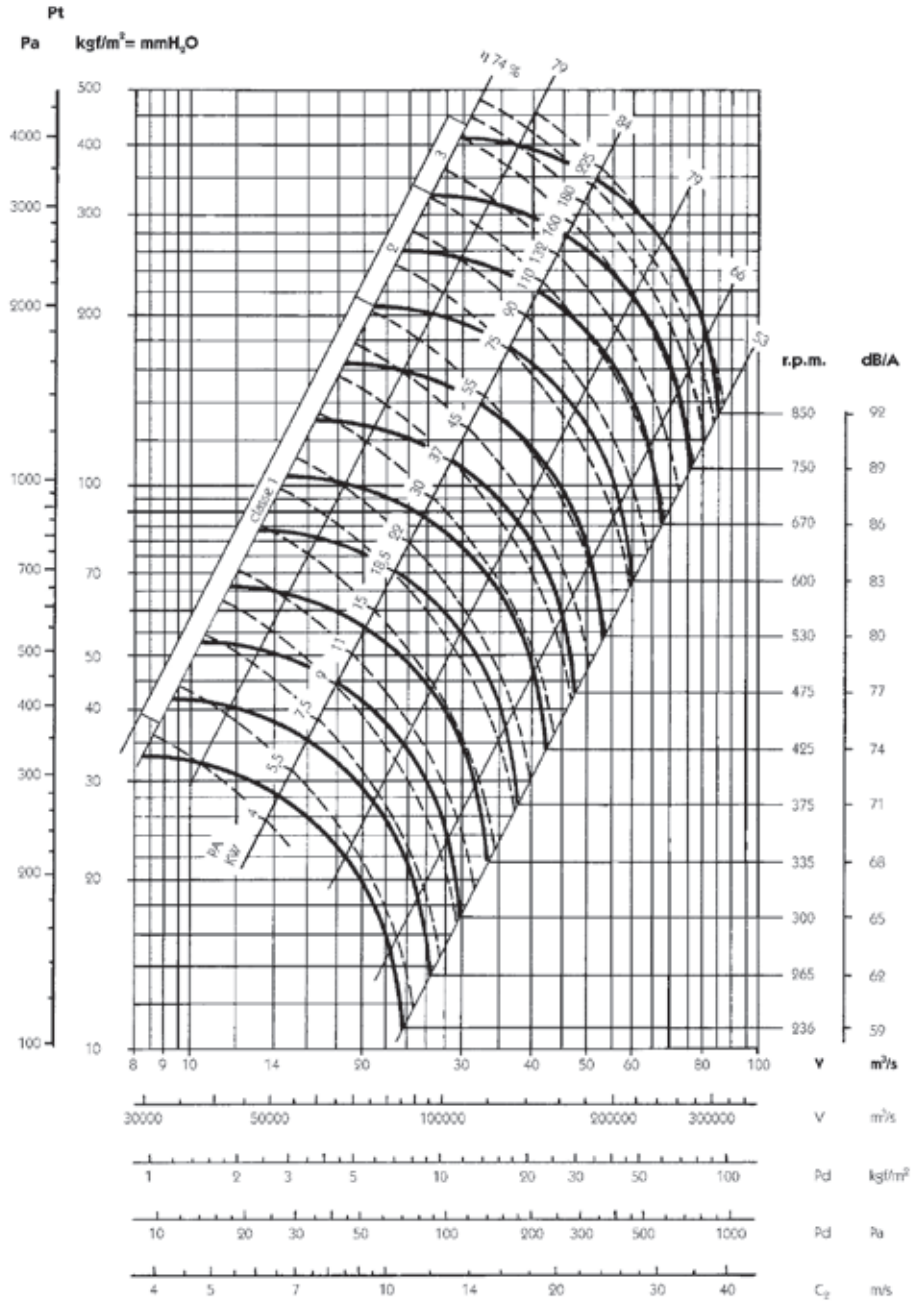
Maximum admissible RPM

	Class 1	Class 2	Class 3
$\leq 100^\circ\text{C}$	630	800	1000
100...200°C	560	710	900
200...300°C	500	630	800



Characteristic curves

BC 1800



Flow margin ±5%
 Noise level margin +3...5 dB
 Margin of kW absorbed ±3%

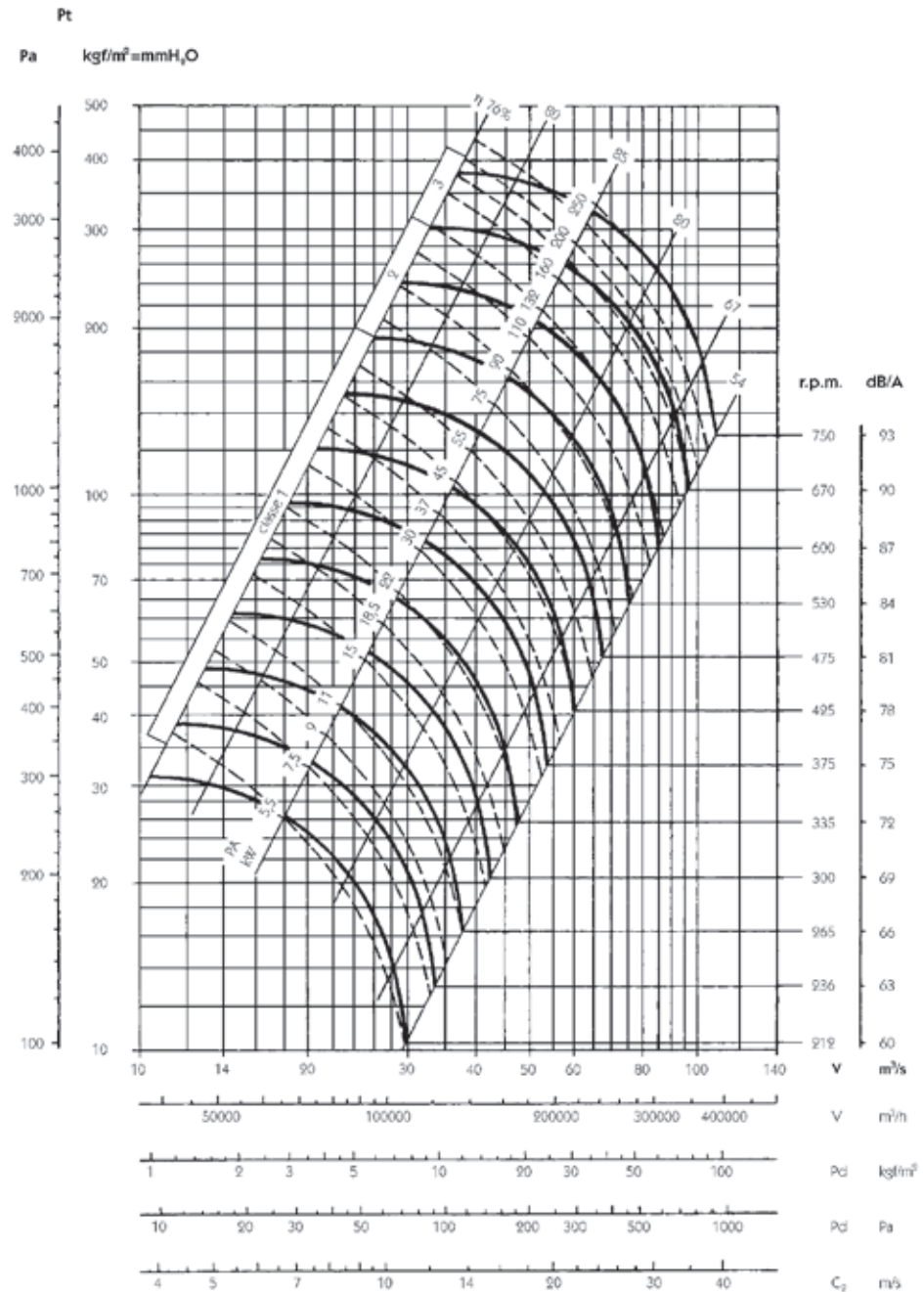
Impulsion characteristics

Maximum admissible RPM

	Class 1	Class 2	Class 3
≤ 100°C	560	710	900
100...200°C	500	630	800
200...300°C	450	560	710

Characteristic curves

BC 2000



Flow margin $\pm 5\%$
Noise level margin $+3...5$ dB
Margin of kW absorbed $\pm 3\%$

Impulsion characteristics

Maximum admissible RPM

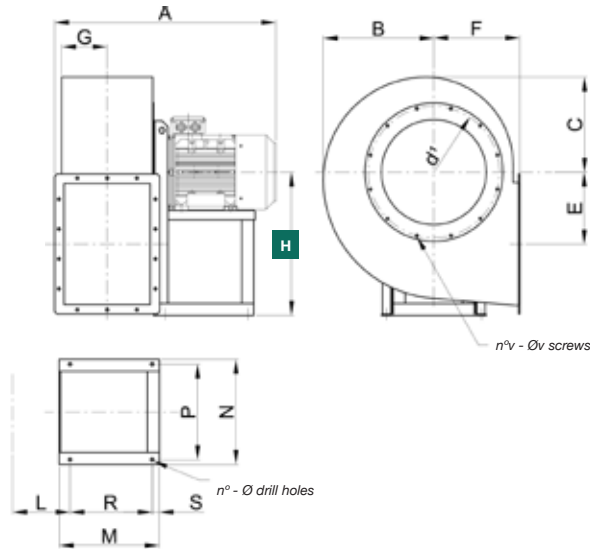
	Class 1	Class 2	Class 3
$\leq 100^\circ\text{C}$	500	630	800
100...200°C	450	560	710
200...300°C	400	500	630



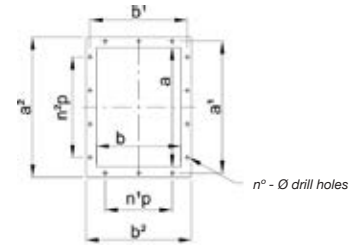
Dimensions mm

SYSTEM
4

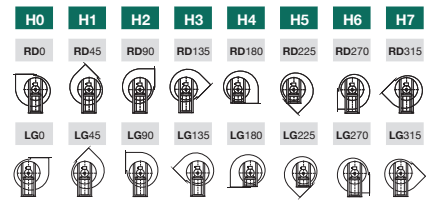
BC 250...500



OUTLET NOZZLE



ORIENTATIONS



H *The measurement of height H (distance between the ground and the axis) varies depending on the orientations

MOD.	Frame	A*	B	C	E	F	G	HO-1-2-3	H4-5	H6-7	L	M*	N	P	R*	S
BC-250	71 B/2	440	240	210	150	195	93	315	195	315	144	190	244	220	115	25
BC-280	80 B/2	495	265	225	171	200	104	375	200	375	155	190	244	220	115	25
BC-310	90 L/2	560	300	255	196	225	116	400	225	400	167	215	269	245	140	25
BC-310	63 B/4	480	300	255	196	225	116	400	225	400	167	150	224	200	75	25
BC-350	100 LA/2	610	335	285	215	255	130	450	255	450	181	260	312	280	185	25
BC-350	71 B/4	515	335	285	215	255	130	450	255	450	181	190	244	220	115	25
BC-400/D	112 M/2	645	380	320	243	285	146	500	285	500	198	260	312	280	185	25
BC-400	132 SA/2	735	380	320	243	285	146	500	285	500	198	320	342	310	245	25
BC-400	80 A/4	580	380	320	243	285	146	500	285	500	198	190	244	220	115	25
BC-450/D	132 SB/2	770	425	360	273	320	163	560	320	560	215	320	342	310	245	25
BC-450	160 MA/2	840	425	360	273	320	163	560	320	560	215	425	490	450	345	30
BC-450/D	80 B/4	615	425	360	273	320	163	560	320	560	215	190	244	220	115	25
BC-450	90 L/4	650	425	360	273	320	163	560	320	560	215	215	269	245	140	25
BC-500/D	160 MB/2	880	470	405	301	360	182	600	360	600	234	425	440	400	345	30
BC-500	160 L/2	960	470	405	301	360	182	600	360	600	234	425	440	400	345	30
BC-500/D	90 L/4	690	470	405	301	360	182	600	360	600	234	215	269	245	140	25
BC-500	100 LA/4	720	470	405	301	360	182	600	360	600	234	260	312	280	185	25
BC-500/D	80 B/6	650	470	405	301	360	182	600	360	600	234	190	244	220	115	25
BC-500	80 B/6	650	470	405	301	360	182	600	360	600	234	190	244	220	115	25

OUTLET NOZZLE

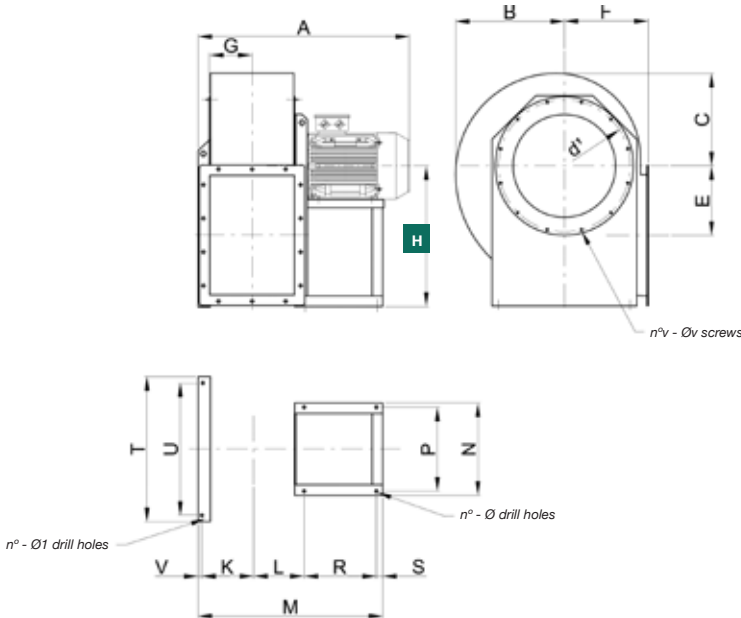
MOD.	n°	Φ	d ¹	n°v	Φv	a	b	a ¹	b ¹	a ²	b ²	n°p	n°p	n°f	Φf	kg	WD ²
BC-250	4	10	292	8	M8	256	183	292	219	326	253	1-112	2-112	10	12	35	0.15
BC-280	4	10	332	8	M8	288	205	332	249	368	285	1-125	2-125	10	12	40	0.2
BC-310	4	10	366	8	M8	322	229	366	273	402	309	1-125	2-125	10	12	50	0.35
BC-310	4	10	366	8	M8	322	229	366	273	402	309	1-125	2-125	10	12	40	0.35
BC-350	4	12	405	8	M8	361	256	405	300	441	336	1-125	2-125	10	12	80	0.6
BC-350	4	10	405	8	M8	361	256	405	300	441	336	1-125	2-125	10	12	65	0.6
BC-400/D	4	12	448	12	M8	404	288	448	332	484	368	2-125	3-125	14	12	95	1.1
BC-400	4	12	448	12	M8	404	288	448	332	484	368	2-125	3-125	14	12	110	1.1
BC-400	4	10	448	12	M8	404	288	448	332	484	368	2-125	3-125	14	12	70	1.1
BC-450/D	4	12	497	12	M8	453	322	497	366	533	402	2-125	3-125	14	12	120	2
BC-450	4	14	497	12	M8	453	322	497	366	533	402	2-125	3-125	14	12	160	2
BC-450/D	4	10	497	12	M8	453	322	497	366	533	402	2-125	3-125	14	12	90	2
BC-450	4	10	497	12	M8	453	322	497	366	533	402	2-125	3-125	14	12	95	2
BC-500/D	4	14	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	190	3.3
BC-500	4	14	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	200	3.3
BC-500/D	4	10	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	120	3.3
BC-500	4	12	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	130	3.3
BC-500/D	4	10	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	110	3.3
BC-500	4	10	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	110	3.3

*For "HIGH TEMP." constructions, elevations "A-M-R" + 50 mm.
kg = Weight of fan with motor.
WD² = Moment of inertia of the impeller, expressed in kg x m²

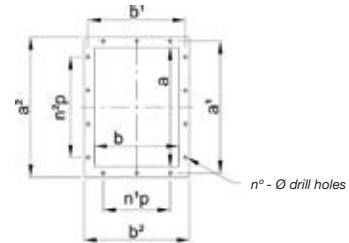
Dimensions mm

SYSTEM
4

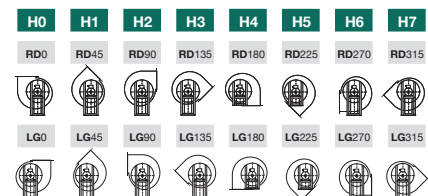
BC 560...800



OUTLET NOZZLE



ORIENTATIONS



H *The measurement of height H (distance between the ground and the axis) varies depending on the orientations

MOD.	Frame	A*	B	C	E	F	G	HO-1-2-3	H4-5	H6-7	L	K	M*	N	P	R*	S	T	U
BC-560/D	100/LB/4	795	525	445	331	400	204	670	400	670	256	237	726	312	280	185	25	690	630
BC-560	112 M/4	795	525	445	331	400	204	670	400	670	256	237	726	312	280	185	25	690	630
BC-560/D	90 S/6	740	525	445	331	400	204	670	400	670	256	237	681	269	245	140	25	690	630
BC-560	90 L/6	765	525	445	331	400	204	670	400	670	256	237	681	269	245	140	25	690	630
BC-630/D	132 S/4	935	590	505	375	450	228	750	450	750	280	263	836	342	310	245	25	760	700
BC-630	132 MA/4	960	590	505	375	450	228	750	450	750	280	263	836	342	310	245	25	760	700
BC-630/D	100 LA/6	845	590	505	375	450	228	750	450	750	280	263	776	312	280	185	25	760	700
BC-630	112 M/6	845	590	505	375	450	228	750	450	750	280	263	776	312	280	185	25	760	700
BC-710/D	160 M/4	1065	670	570	431	500	255	850	500	850	306	294	1004	831	770	335	40	845	770
BC-710	160 L/4	1145	670	570	431	500	255	850	500	850	306	294	1004	831	770	335	40	845	770
BC-710/D	132 SA/6	995	670	570	431	500	255	850	500	850	306	294	899	831	770	230	40	845	770
BC-710	132 MA/6	1020	670	570	431	500	255	850	500	850	306	294	899	831	770	230	40	845	770
BC-800/D	180 M/4	1250	745	635	482	560	286	950	560	950	337	325	1111	921	860	380	40	935	860
BC-800	180 L/4	1250	745	635	482	560	286	950	560	950	337	325	1111	921	860	380	40	935	860
BC-800/D	132 MB/6	1085	745	635	482	560	286	950	560	950	337	325	961	921	860	230	40	935	860
BC-800	160 M/6	1130	745	635	482	560	286	950	560	950	337	325	1066	921	860	335	40	935	860

OUTLET NOZZLE

MOD.	V	n°	Φ	Φ'	d'	n°v	Φv	a	b	a'	b'	a²	b²	n°p	n°p	n°f	Φf	kg	WD²
BC-560/D	23	4+2	12	17	629	12	M8	569	404	629	464	669	504	2-160	3-160	14	14	130	5.2
BC-560	23	4+2	12	17	629	12	M8	569	404	629	464	669	504	2-160	3-160	14	14	135	5.2
BC-560/D	23	4+2	10	17	629	12	M8	569	404	629	464	669	504	2-160	3-160	14	14	120	5.2
BC-560	23	4+2	10	17	629	12	M8	569	404	629	464	669	504	2-160	3-160	14	14	125	5.2
BC-630/D	23	4+2	12	17	698	12	M8	638	453	698	513	738	553	2-160	3-160	14	14	185	8.5
BC-630	23	4+2	12	17	698	12	M8	638	453	698	513	738	553	2-160	3-160	14	14	200	8.5
BC-630/D	23	4+2	12	17	698	12	M8	638	453	698	513	738	553	2-160	3-160	14	14	160	8.5
BC-630	23	4+2	12	17	698	12	M8	638	453	698	513	738	553	2-160	3-160	14	14	170	8.5
BC-710/D	29	5+3	19	19	775	16	M10	715	507	775	567	815	607	2-160	4-160	16	14	310	15.5
BC-710	29	5+3	19	19	775	16	M10	715	507	775	567	815	607	2-160	4-160	16	14	325	15.5
BC-710/D	29	5+3	19	19	775	16	M10	715	507	775	567	815	607	2-160	4-160	16	14	270	15.5
BC-710	29	5+3	19	19	775	16	M10	715	507	775	567	815	607	2-160	4-160	16	14	285	15.5
BC-800/D	29	5+3	19	19	861	16	M10	801	569	871	639	921	689	2-200	3-200	14	14	400	28.5
BC-800	29	5+3	19	19	861	16	M10	801	569	871	639	921	689	2-200	3-200	14	14	420	28.5
BC-800/D	29	5+3	19	19	861	16	M10	801	569	871	639	921	689	2-200	3-200	14	14	330	28.5
BC-800	29	5+3	19	19	861	16	M10	801	569	871	639	921	689	2-200	3-200	14	14	370	28.5

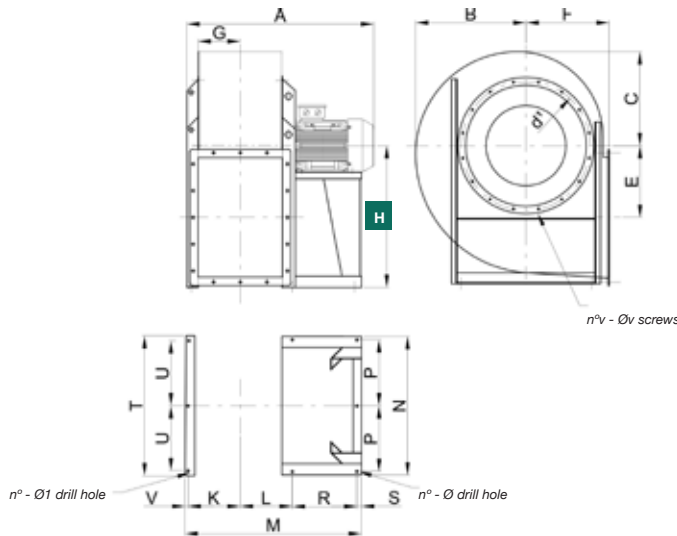
*For "HIGH TEMP." constructions, elevations "A-M-R" + 50 mm.
kg = Weight of fan with motor.
WD² = Moment of inertia of the impeller, expressed in kg x m²



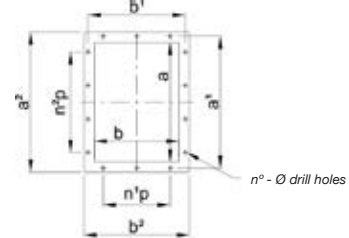
Dimensions mm

SYSTEM
4

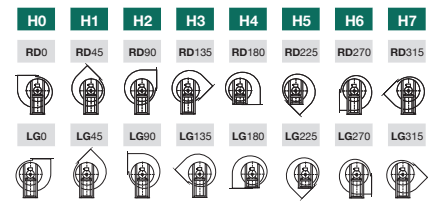
BC 900...1400



OUTLET NOZZLE



ORIENTATIONS



H *The measurement of height H (distance between the ground and the axis) varies depending on the orientations

MOD.	Frame	A*	B	C	E	F	G	HO-1-2-3	H4-5	H6-7	L	K	M*	N	P	R*	S	T	U
BC-900/D	225 S/4	1425	835	710	543	630	322	850	630	1060	368	363	1257	1021	480	460	40	1100	480
BC-900	225 M/4	1425	835	710	543	630	322	850	630	1060	368	363	1257	1021	480	460	40	1100	480
BC-900/D	160 L/6	1275	835	710	543	630	322	850	630	1060	368	363	1132	1021	480	335	40	1100	480
BC-900	180 L/6	1315	835	710	543	630	322	850	630	1060	368	363	1177	1021	480	380	40	1100	480
BC-1000/D	250 M/4	1585	930	795	610	710	360	950	710	1180	407	396	1414	1120	530	520	50	1230	530
BC-1000	280 S/4	1710	930	795	610	710	360	950	710	1180	407	396	1534	1120	530	640	50	1230	530
BC-1000/D	200 LR/6	1460	930	795	610	710	360	950	710	1180	407	396	1334	1120	530	440	50	1230	530
BC-1000	200 L/6	1460	930	795	610	710	360	950	710	1180	407	396	1334	1120	530	440	50	1230	530
BC-1120/D	225 M/6	1615	1045	895	683	800	403	1060	800	1320	480	446	1450	1260	590	420	50	1370	590
BC-1120	250 M/6	1690	1045	895	683	800	403	1060	800	1320	480	446	1520	1260	590	490	50	1370	590
BC-1250/D	280 M/6	1912	1175	1005	770	900	452	1180	900	1500	528	495	1707	1390	655	610	50	1540	655
BC-1250	315 S/6	1935	1175	1005	770	900	452	1180	900	1500	528	495	1797	1390	655	670	50	1540	655
BC-1400/D	315 M/6	2145	1305	1115	854	1000	506	1320	1000	1700	603	549	1906	1530	725	640	60	1690	725
BC-1400	315 M/6	2145	1305	1115	854	1000	506	1320	1000	1700	603	549	1906	1530	725	640	60	1690	725

OUTLET NOZZLE

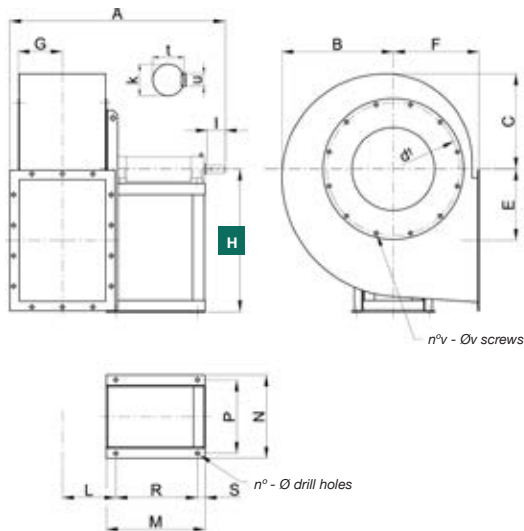
MOD.	V	n°	Φ	Φ'	d'	n°v	Φv	a	b	a'	b'	a°	b°	n1p	n°p	n°f	Φf	kg	WD ²
BC-900/D	26	5+3	19	19	958	16	M10	898	638	968	708	1018	758	3-200	4-200	18	14	630	47
BC-900	26	5+3	19	19	958	16	M10	898	638	968	708	1018	758	3-200	4-200	18	14	650	47
BC-900/D	26	5+3	19	19	958	16	M10	898	638	968	708	1018	758	3-200	4-200	18	14	460	47
BC-900	26	5+3	19	19	958	16	M10	898	638	968	708	1018	758	3-200	4-200	18	14	500	47
BC-1000/D	41	5+3	19	19	1067	24	M10	1007	715	1077	785	1127	835	3-200	4-200	18	14	830	77.8
BC-1000	41	5+3	19	19	1067	24	M10	1007	715	1077	785	1127	835	3-200	4-200	18	14	940	77.8
BC-1000/D	41	5+3	19	19	1067	24	M10	1007	715	1077	785	1127	835	3-200	4-200	18	14	700	77.8
BC-1000	41	5+3	19	19	1067	24	M10	1007	715	1077	785	1127	835	3-200	4-200	18	14	720	77.8
BC-1120/D	54	5+3	24	24	1200	24	M10	1130	801	1210	881	1270	941	3-200	5-200	20	18	1080	135
BC-1120	54	5+3	24	24	1200	24	M10	1130	801	1210	881	1270	941	3-200	5-200	20	18	1200	135
BC-1250/D	54	5+3	24	24	1337	24	M10	1267	898	1347	978	1407	1038	4-200	6-200	24	18	1460	240
BC-1250	54	5+3	24	24	1337	24	M10	1267	898	1347	978	1407	1038	4-200	6-200	24	18	1600	240
BC-1400/D	54	5+3	24	24	1491	32	M10	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18	2050	415
BC-1400	54	5+3	24	24	1491	32	M10	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18	2110	415

*For "HIGH TEMP" constructions, elevations "A-M-R" + 50 mm.
kg = Weight of fan with motor.
WD² = Moment of inertia of the impeller, expressed in kg x m²

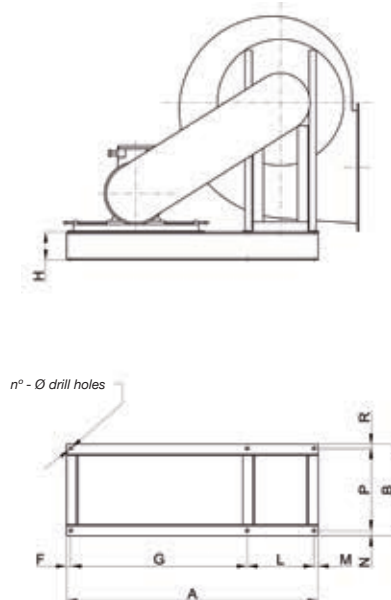
Dimensions mm

BC 250...500

SYSTEM 1



SYSTEM 12



MOD.	A*	B	C	E	F	G	H0	H1	H2	H3
BC-250	500	240	210	150	195	93	315	315	315	315
BC-280	605	265	225	171	200	104	375	375	375	375
BC-310	630	300	225	196	225	116	400	400	400	400
BC-350	860	335	285	215	255	130	450	450	450	450
BC-400	1000	380	320	243	285	146	500	500	500	500
BC-450	1025	425	360	273	320	163	560	560	560	560
BC-500	1075	470	405	301	360	182	600	600	600	600

MOD.	A	B*	H	F	G	L	M	N
BC-250	700	185	80	15	480	190	15	20
BC-280	895	265	100	20	630	230	15	25
BC-310	895	265	100	20	630	230	15	25
BC-350	980	450	120	20	630	310	20	25
BC-400	1020	530	120	20	650	330	20	25
BC-450	1175	530	120	25	800	330	20	25
BC-500	1265	495	160	25	830	385	25	30

MOD.	H4	H5	H6	H7	L	M*	N	P	R*	S
BC-250	195	195	315	315	144	220	214	190	145	25
BC-280	200	200	375	375	155	290	254	230	215	25
BC-310	225	225	400	400	167	290	254	230	215	25
BC-350	255	255	450	450	181	480	350	310	400	30
BC-400	285	285	500	500	198	560	370	330	480	30
BC-450	320	320	560	560	215	560	370	330	480	30
BC-500	360	360	600	600	234	520	438	385	430	80

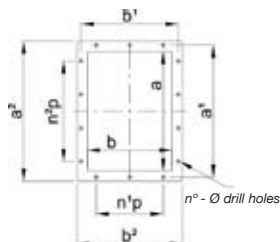
MOD.	P*	R	n°	Φ	kg
BC-250	145	20	6	10	19
BC-280	215	25	6	12	30
BC-310	215	25	6	12	30
BC-350	400	25	6	14	45
BC-400	480	25	6	14	50
BC-450	480	25	6	14	55
BC-500	430	35	6	17	78

MOD.	n°	Φ	k	l	t	u	d ¹	n°v	Φv	kg	WD ²
BC-250	4	10	19 k6	40	21.5	6	292	8	M8	30	0.15
BC-280	4	12	24 k6	50	27	8	332	8	M8	40	0.2
BC-310	4	12	24 k6	50	27	8	366	8	M8	45	0.35
BC-350	4	14	28 k6	60	31	8	405	8	M8	75	0.6
BC-400	4	14	38 k6	80	41	10	448	8	M8	85	1.1
BC-450	4	14	38 k6	80	41	10	497	8	M8	100	2
BC-500	4	17	42 k6	110	45	12	551	12	M8	140	3.3

*For "HIGH TEMP." constructions in models 250 to 500, elevations "A-M-R" + 50 mm.
kg = Weight of fan without motor.
WD² = Moment of inertia of the impeller, expressed in kg x m²

*For "HIGH TEMP." constructions in models 250 to 500, elevations "B-P" + 50 mm.
kg = Weight of the support base

OUTLET NOZZLE



OUTLET NOZZLE

MOD.	a	b	a'	b'	a''	b''	n°p	n°f	n°f	Φf
BC-250	256	183	292	219	326	253	1-112	2-112	10	12
BC-280	288	205	332	249	368	285	1-125	2-125	10	12
BC-310	322	229	366	273	402	309	1-125	2-125	10	12
BC-350	361	256	405	300	441	336	1-125	2-125	10	12
BC-400	404	288	448	332	484	368	2-125	3-125	14	12
BC-450	453	322	497	366	533	402	2-125	3-125	14	12
BC-500	507	361	551	405	587	441	2-125	3-125	14	12

ORIENTATIONS

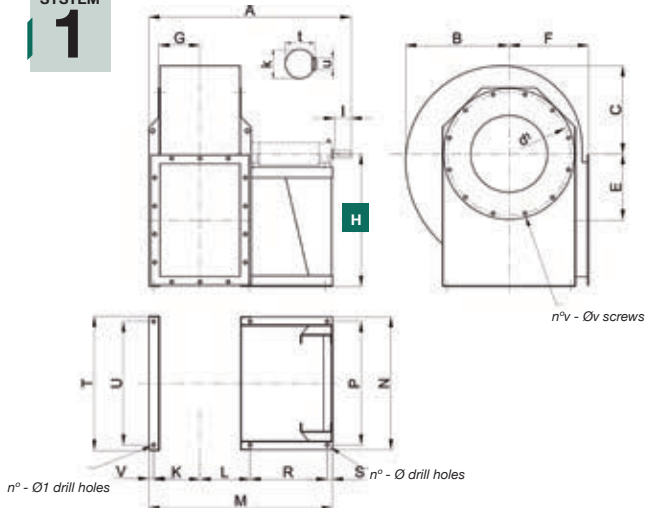
H0	H1	H2	H3	H4	H5	H6	H7
RD0	RD45	RD90	RD135	RD180	RD225	RD270	RD315
LG0	LG45	LG90	LG135	LG180	LG225	LG270	LG315

H *The measurement of height H (distance between the ground and the axis) varies depending on the orientations

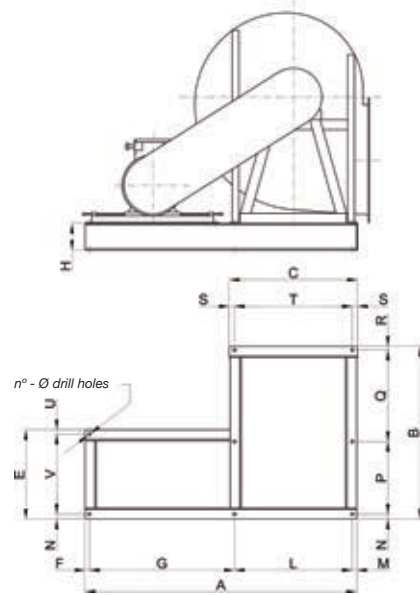
Dimensions mm

BC 560...800

SYSTEM 1



SYSTEM 12



MOD.	A*	B	C	E	F	G	H0	H1	H2	H3	H4	H5
BC-560	1135	525	445	331	400	204	670	670	670	670	400	400
BC-630	1185	590	505	375	450	228	750	750	750	750	450	450
BC-710	1340	670	570	431	500	255	670	670	670	670	500	500
BC-800	1450	745	635	482	560	286	750	750	750	750	560	560

MOD.	A	B*	C	E	H	F	G	L	M	N
BC-560	1415	975	690	510	160	25	735	630	25	30
BC-630	1610	1025	760	530	160	25	860	700	25	30
BC-710	1980	1175	920	690	180	30	1150	770	30	30
BC-800	2070	1285	1000	690	180	30	1150	860	30	30

MOD.	H6	H7	L	K	M*	N	P	R*	S	T	U	V
BC-560	670	670	255	237	985	683	630	430	40	690	630	23
BC-630	750	750	279	263	1035	753	700	430	40	760	700	23
BC-710	850	850	306	294	1184	831	770	515	40	845	770	29
BC-800	950	950	337	325	1296	921	860	565	40	935	860	29

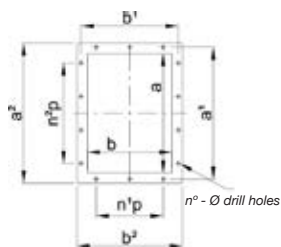
MOD.	P*	Q	R	S	T	U	V	n°	Φ	kg
BC-560	430	492	23	30	630	25	455	8	17	110
BC-630	430	542	23	30	700	25	475	8	17	120
BC-710	515	600	30	75	770	30	630	10	19	172
BC-800	565	662	28	70	860	30	630	10	19	180

MOD.	n°	Φ	k	l	t	u	d'	n°v	Φv	kg	WD ²
BC-560	4+2	17	48 k6	110	51.5	14	629	12	M8	180	5.2
BC-630	4+2	17	48 k6	110	51.5	14	698	12	M8	220	8.5
BC-710	5+3	19	48 k6	110	51.5	14	775	16	M10	280	15.5
BC-800	5+3	19	55 m6	110	59	16	861	16	M10	350	28.5

*For "HIGH TEMP." constructions in models 560 to 630, elevations "B-P" + 50 mm.
kg = Weight of the support base

*For "HIGH TEMP." constructions in models 560 to 630, elevations "A-M-R" + 50 mm.
kg = Weight of fan without motor.
WD² = Moment of inertia of the impeller, expressed in kg x m²

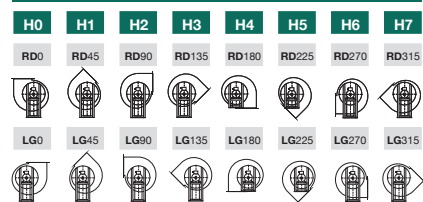
OUTLET NOZZLE



OUTLET NOZZLE

MOD.	a	b	a'	b'	a''	b''	n°p	n°p	n°f	Φf
BC-560	569	404	629	464	669	504	2-160	3-160	14	14
BC-630	638	453	698	513	738	553	2-160	3-160	14	14
BC-710	715	507	775	567	815	607	2-160	4-160	16	14
BC-800	801	569	871	639	921	689	2-200	3-200	14	14

ORIENTATIONS

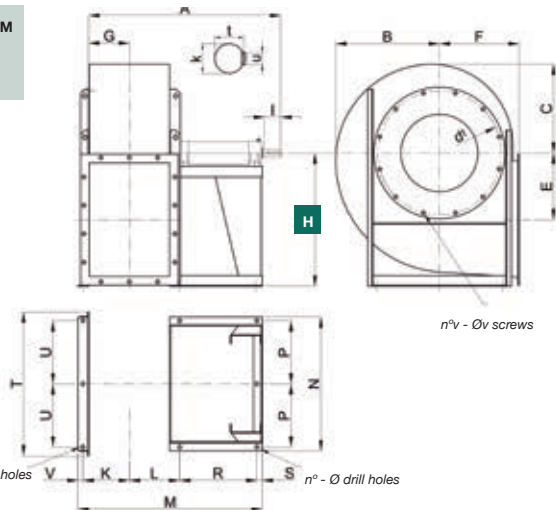


H *The measurement of height H (distance between the ground and the axis) varies depending on the orientations

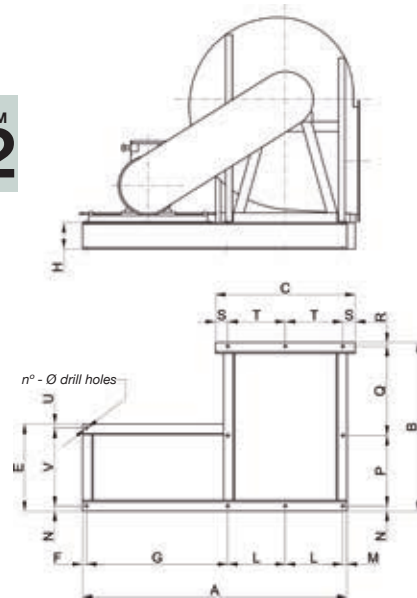
Dimensions mm

BC 900...2000

SYSTEM 1



SYSTEM 12



MOD.	A*	B	C	E	F	G	H0	H1	H2	H3	H4	H5
BC-900	1515	835	710	543	630	322	850	850	850	850	630	630
BC-1000	1690	930	795	610	710	360	950	950	950	950	710	710
BC-1120	1980	1045	895	683	800	403	1060	1060	1060	1060	800	800
BC-1250	2080	1175	1005	770	900	452	1180	1180	1180	1180	900	900
BC-1400	2270	1305	1115	854	1000	506	1320	1320	1120	1120	1000	1000
BC-1600	2580	1535	1245	956	1120	568	1500	1500	1250	1250	1120	1120
BC-1800	2790	1705	1390	1066	1250	636	1650	1550	1400	1320	1250	1250
BC-2000	2940	1920	1555	1195	1400	713	1850	1700	1600	1450	1400	1400

MOD.	A	B*	C	E	H	F	G	L	M	N
BC-900	2200	1355	1100	750	180	30	1180	480	30	30
BC-1000	2300	1475	1230	755	180	30	1180	530	30	35
BC-1120	2470	1755	1370	830	180	35	1220	590	35	35
BC-1250	2600	1850	1540	830	180	35	1220	655	35	35
BC-1400	3150	2000	1690	990	180	35	1630	725	35	35
BC-1600	3340	2295	1950	990	180	35	1630	820	35	35
BC-1800	3590	2435	2150	1090	180	30	1700	915	30	30
BC-2000	3800	2600	2390	1100	180	35	1700	1015	35	35

MOD.	H6	H7	L	K	M*	N	P	R*	S	T	U	V
BC-900	1060	1060	368	363	1362	1021	480	565	40	1100	480	26
BC-1000	1180	1180	407	396	1499	1120	530	605	50	1230	530	41
BC-1120	1320	1320	480	446	1790	1260	590	760	50	1370	590	54
BC-1250	1500	1500	528	495	1887	1390	655	760	50	1540	655	54
BC-1400	1700	1500	603	549	2046	1530	725	780	60	1690	725	54
BC-1600	1900	1600	684	621	2349	1720	820	920	60	1950	820	64
BC-1800	2120	1800	753	699	2486	1910	915	920	60	2150	915	54
BC-2000	2360	2000	830	776	2670	2110	1015	920	60	2390	1015	84

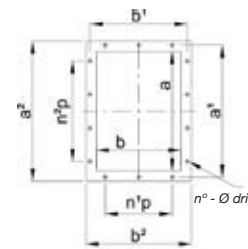
MOD.	P*	Q	R	S	T	U	V	n°	Φ	kg
BC-900	565	731	29	70	480	30	690	10	19	195
BC-1000	605	803	32	85	530	30	690	10	19	270
BC-1120	760	926	34	95	590	35	760	10	24	305
BC-1250	760	1023	32	115	655	35	760	10	24	320
BC-1400	780	1152	33	120	725	35	920	10	24	375
BC-1600	920	1305	35	155	820	35	920	10	28	405
BC-1800	920	1452	33	160	915	30	1030	10	28	495
BC-2000	920	1606	39	180	1015	35	1030	10	28	520

MOD.	n°	Φ	k	l	t	u	d'	n°v	Φv	kg	WD ²
BC-900	5+3	19	55 m6	110	59	16	958	16	M10	430	47
BC-1000	5+3	19	65 m6	140	69	18	1067	24	M10	550	77.8
BC-1120	5+3	24	75 m6	140	79.5	20	1200	24	M10	870	135
BC-1250	5+3	24	75 m6	140	79.5	20	1337	24	M10	1100	240
BC-1400	5+3	24	80 m6	170	85	22	1491	32	M10	1580	415
BC-1600	5+3	28	90 m6	170	95	25	1663	32	M12	2000	700
BC-1800	5+3	28	100 j6	210	106	28	1856	32	M12	2780	1310
BC-2000	5+3	28	100 j6	210	106	28	2073	32	M12	3400	2050

*For "HIGH TEMP." constructions in models 710 to 900, elevations "B-P" + 50 mm.
kg = Weight of the support base

*For "HIGH TEMP." constructions in models 710 to 900, elevations "A-M-R" + 50 mm.
kg = Weight of fan without motor.
WD² = Moment of inertia of the impeller, expressed in kg x m²

OUTLET NOZZLE



OUTLET NOZZLE

MOD.	a	b	a'	b'	a''	b''	n°p	n°f	Φf
BC-900	898	638	968	708	1018	758	3-200	4-200	18 14
BC-1000	1007	715	1077	785	1127	835	3-200	4-200	18 14
BC-1120	1130	801	1210	881	1270	941	3-200	5-200	20 18
BC-1250	1267	898	1347	978	1407	1038	4-200	6-200	24 18
BC-1400	1421	1007	1501	1087	1561	1147	4-200	6-200	24 18
BC-1600	1593	1130	1683	1220	1753	1290	5-200	7-200	28 22
BC-1800	1786	1267	1876	1357	1946	1427	6-200	8-200	32 22
BC-2000	2003	1421	2093	1511	2163	1581	6-200	9-200	34 22

ORIENTATIONS

H0	H1	H2	H3	H4	H5	H6	H7
RD0	RD45	RD90	RD135	RD180	RD225	RD270	RD315
LG0	LG45	LG90	LG135	LG180	LG225	LG270	LG315

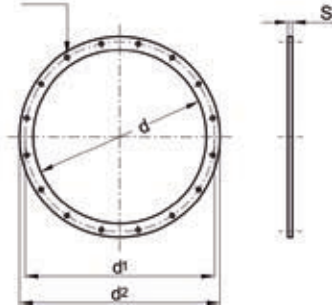
H *The measurement of height H (distance between the ground and the axis) varies depending on the orientations



Accessories

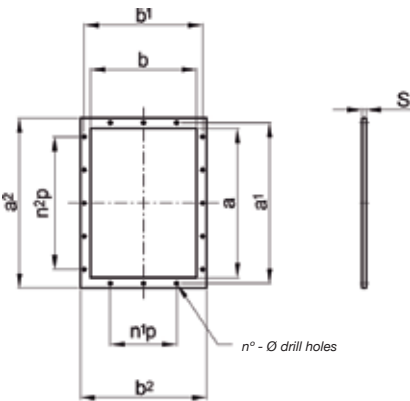
Inlet counter-flange

n° - \varnothing drill holes



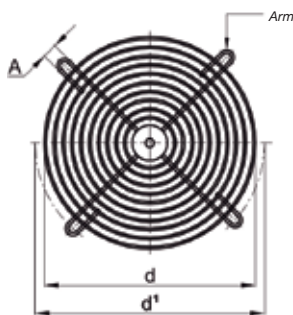
MOD.	d	d'	d ²	n°	Φ	S	kg
BC-250	255	292	325	8	11	4	1
BC-280	286	332	366	8	11	5	1.6
BC-310	321	366	401	8	11	5	1.8
BC-350	361	405	441	8	11	5	2
BC-400	406	448	486	12	11	5	2.2
BC-450	456	497	536	12	11	5	2.5
BC-500	506	551	586	12	11	5	2.7
BC-560	568	629	668	12	11	6	4.6
BC-630	638	698	738	12	11	6	5
BC-710	718	775	818	16	13	6	5.5
BC-800	808	861	908	16	13	6	7
BC-900	908	958	1008	16	13	6	7
BC-1000	1008	1067	1108	24	13	6	7.8
BC-1120	1130	1200	1250	24	13	8	13.8
BC-1250	1260	1337	1380	24	13	8	15.5
BC-1400	1410	1491	1530	32	13	8	17
BC-1600	1610	1663	1730	32	15	8	19.5
BC-1800	1810	1856	1930	32	15	8	21.7
BC-2000	2010	2073	2130	32	15	8	24

Impulsion counter-flange



Model	a	b	a'	b'	a°	b°	n°p	n°p	n°	Φ	s	kg
BC-250	256	183	292	219	326	253	1-112	2-112	10	12	4	1.1
BC-280	288	205	332	249	368	285	1-125	2-125	10	12	5	1.8
BC-310	322	229	366	273	402	309	1-125	2-125	10	12	5	2
BC-350	361	256	405	300	441	336	1-125	2-125	10	12	5	2.2
BC-400	404	288	448	332	484	368	2-125	3-125	14	12	5	2.4
BC-450	453	322	497	366	533	402	2-125	3-125	14	12	5	2.7
BC-500	507	361	551	405	587	441	2-125	3-125	14	12	5	3
BC-560	569	404	629	464	669	504	2-160	3-160	14	14	6	5
BC-630	638	453	698	513	738	553	2-160	3-160	14	14	6	5.6
BC-710	715	507	775	567	815	607	2-160	4-160	16	14	6	6.2
BC-800	801	569	871	639	921	689	2-200	3-200	14	14	8	11.2
BC-900	898	638	968	708	1018	758	3-200	4-200	18	14	8	12.5
BC-1000	1007	715	1077	785	1127	835	3-200	4-200	18	14	8	14
BC-1120	1130	801	1210	881	1270	941	3-200	5-200	20	18	8	18
BC-1250	1267	898	1347	978	1407	1038	4-200	6-200	24	18	8	20
BC-1400	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18	8	22
BC-1600	1593	1130	1683	1220	1753	1290	5-200	7-200	28	22	8	28.5
BC-1800	1786	1267	1876	1357	1946	1427	6-200	8-200	32	22	8	31.5
BC-2000	2003	1421	2093	1511	2163	1581	6-200	9-200	34	22	8	35

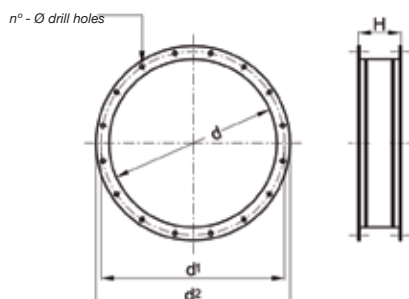
Inlet protection net



MOD.	d	d'	A	n°	kg
BC-250	255	292	11	4	0.3
BC-280	286	332	11	4	0.35
BC-310	321	366	11	4	0.4
BC-350	361	405	11	8	0.7
BC-400	406	448	11	8	0.8
BC-450	456	497	11	8	0.9
BC-500	506	551	11	8	0.9
BC-560	568	629	11	8	1.2
BC-630	638	698	11	8	1.5
BC-710	718	775	13	8	2
BC-800	808	861	13	8	2.5
BC-900	908	958	13	8	3
BC-1000	1008	1067	13	8	3.5
BC-1120	1130	1200	13	8	8.5
BC-1250	1260	1337	13	8	10
BC-1400	1410	1491	13	8	13
BC-1600	1610	1663	15	8	16
BC-1800	1810	1856	15	8	25
BC-2000	2010	2073	15	8	35

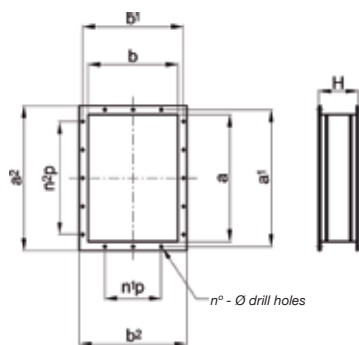
Accessories

Inlet anti-vibration seal



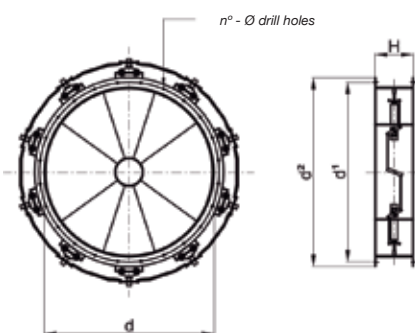
MOD.	d	d ¹	d ²	n°	Φ	H	kg
BC-250	255	292	325	8	11	200	2.2
BC-280	286	332	366	8	11	200	3.4
BC-310	321	366	401	8	11	200	3.8
BC-350	361	405	441	8	11	200	4.2
BC-400	406	448	486	12	11	200	4.6
BC-450	456	497	536	12	11	200	5.1
BC-500	506	551	586	12	11	200	5.6
BC-560	568	629	668	12	11	200	9.4
BC-630	638	698	738	12	11	200	10.4
BC-710	718	775	818	16	13	200	11.6
BC-800	808	861	908	16	13	200	13
BC-900	908	958	1008	16	13	200	14.4
BC-1000	1008	1067	1108	24	13	200	16
BC-1120	1130	1200	1250	24	13	200	29
BC-1250	1260	1337	1380	24	13	200	33
BC-1400	1410	1491	1530	32	13	200	36
BC-1600	1610	1663	1730	32	15	200	43
BC-1800	1810	1856	1930	32	15	200	47
BC-2000	2010	2073	2130	32	15	200	52

Impulsion anti-vibration seal



Model	a	b	a ¹	b ¹	a ²	b ²	n ¹ p	n ² p	n°	Φ	H	kg
BC-250	256	183	292	219	326	253	1-112	2-112	10	12	200	2.4
BC-280	288	205	332	249	368	285	1-125	2-125	10	12	200	3.8
BC-310	322	229	366	273	402	309	1-125	2-125	10	12	200	4.2
BC-350	361	256	405	300	441	336	1-125	2-125	10	12	200	4.6
BC-400	404	288	448	332	484	368	2-125	3-125	14	12	200	5
BC-450	453	322	497	366	533	402	2-125	3-125	14	12	200	5.6
BC-500	507	361	551	405	587	441	2-125	3-125	14	12	200	6.2
BC-560	569	404	629	464	669	504	2-160	3-160	14	14	200	10.2
BC-630	638	453	698	513	738	553	2-160	3-160	14	14	200	11.4
BC-710	715	507	775	567	815	607	2-160	4-160	16	14	200	12.6
BC-800	801	569	871	639	921	689	2-160	4-160	16	14	200	23
BC-900	898	638	968	708	1018	758	3-200	4-200	18	14	200	25.5
BC-1000	1007	715	1077	785	1127	835	3-200	4-200	18	14	200	28.5
BC-1120	1130	801	1210	881	1270	941	3-200	5-200	20	18	200	37
BC-1250	1267	898	1347	978	1407	1038	4-200	6-200	24	18	200	41
BC-1400	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18	200	46
BC-1600	1593	1130	1683	1220	1753	1290	5-200	7-200	28	22	200	60
BC-1800	1786	1267	1876	1357	1946	1427	6-200	8-200	32	22	200	66
BC-2000	2003	1421	2093	1511	2163	1581	6-200	9-200	34	22	200	73

Flow regulator at the inlet

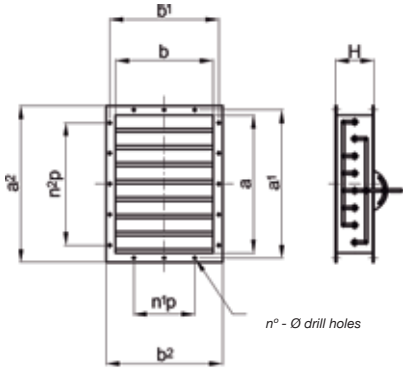


MOD.	d	d ¹	d ²	n°	Φ	H	kg
BC-310	321	366	401	8	11	200	24
BC-350	361	405	441	8	11	250	26
BC-400	406	448	486	12	11	250	30
BC-450	456	497	536	12	11	250	32
BC-500	506	551	586	12	11	250	45
BC-560	568	629	668	12	11	250	50
BC-630	638	698	738	12	11	300	58
BC-710	718	775	818	16	13	300	68
BC-800	808	861	908	16	13	350	87
BC-900	908	958	1008	16	13	350	102
BC-1000	1008	1067	1108	24	13	350	120
BC-1120	1130	1200	1250	24	13	400	150
BC-1250	1260	1337	1380	24	13	400	170
BC-1400	1410	1491	1530	32	13	400	190
BC-1600	1610	1663	1730	32	15	460	210
BC-1800	1810	1856	1930	32	15	500	250
BC-2000	2010	2073	2130	32	15	500	320



Accessories

Opposite facing fin type damper

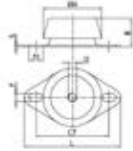


MOD.	a	b	a1	b1	a2	b2	n1p	n2p	n°	Φ	H (1)	H (2)	kg (1)	kg (2)
BC-310	322	229	366	273	402	309	1-125	2-125	10	12	220	250	11	12
BC-350	361	256	405	300	441	336	1-125	2-125	10	12	220	250	14	15
BC-400	404	288	448	332	484	368	2-125	3-125	14	12	220	250	18	19
BC-450	453	322	497	366	533	402	2-125	3-125	14	12	220	250	21	22
BC-500	507	361	551	405	587	441	2-125	3-125	14	12	220	250	24	25
BC-560	569	404	629	464	669	504	2-160	3-160	14	14	220	250	28	29
BC-630	638	453	698	513	738	553	2-160	3-160	14	14	220	250	32	33
BC-710	715	507	775	567	815	607	2-160	4-160	16	14	220	250	36	38
BC-800	801	569	871	639	921	689	2-200	3-200	14	14	220	250	44	46
BC-900	898	638	968	708	1018	758	3-200	4-200	18	14	220	250	50	52
BC-1000	1007	715	1077	785	1127	835	3-200	4-200	18	14	220	250	55	58
BC-1120	1130	801	1210	881	1270	941	3-200	5-200	20	18	220	250	81	84
BC-1250	1267	898	1347	978	1407	1038	4-200	6-200	24	18	220	250	92	96
BC-1400	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18	220	250	105	110
BC-1600	1593	1130	1683	1220	1753	1290	5-200	7-200	28	22	220	250	140	145
BC-1800	1786	1267	1876	1357	1946	1427	6-200	8-200	32	22	220	250	175	180
BC-2000	2003	1421	2093	1511	2163	1581	6-200	9-200	34	22	220	250	235	240

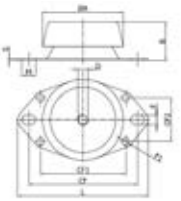
(1) Up to 300 mm H₂O.
(2) Above 300 mm H₂O.

Shock-absorbers

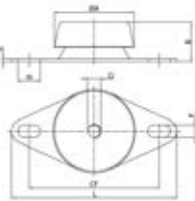
TYPE 1



TYPE 2

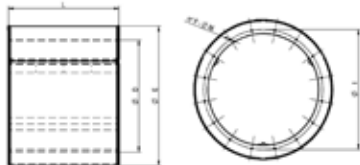


TYPE 3



MOD.	SHOCK-ABSORBERS MODEL	TYPE	øA	B	D	CF	CF1	CF2	F	øF1	L	M	S
BC-250	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-280	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-310	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-350	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-400	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-450	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-500	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-560	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-630	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-710	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
BC-800	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
BC-900	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
BC-1000	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
BC-1120	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
BC-1250	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
BC-1400	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
BC-1600	CF 1204516	3	92	45	26,5	149,5			14		190	16	3,5
BC-1800	CF 1204516	3	92	45	26,5	149,5			14		190	16	3,5
BC-2000	CF 1204516	3	92	45	26,5	149,5			14		190	16	3,5

Circular silencers



Silencers are used to lower the noise level at air conditioning or ventilation installation manufactured using galvanised steel

- Upon request: other constructions using different materials.

øD	øE	L	øI	F	øM	øD	øE	L	øI	F	øM
315	515	ØD,1,5ØD, 2ØD	355	8	M8	900	1100	ØD,1,5ØD, 2ØD	970	16	M10
355	555	ØD,1,5ØD, 2ØD	395	8	M8	1000	1200	ØD,1,5ØD, 2ØD	1070	16	M10
400	600	ØD,1,5ØD, 2ØD	450	8	M8	1120	1320	ØD,1,5ØD, 2ØD	1190	20	M10
450	650	ØD,1,5ØD, 2ØD	500	8	M8	1250	1450	ØD,1,5ØD, 2ØD	1320	20	M10
500	700	ØD,1,5ØD, 2ØD	560	12	M8	1400	1600	ØD,1,5ØD, 2ØD	1470	20	M10
560	760	ØD,1,5ØD, 2ØD	620	12	M8	1500	1700	ØD,1,5ØD, 2ØD	1570	20	M10
630	830	ØD,1,5ØD, 2ØD	690	12	M8	1600	1800	ØD,1,5ØD, 2ØD	1680	24	M14
710	910	ØD,1,5ØD, 2ØD	770	16	M8	1700	1900	ØD,1,5ØD, 2ØD	1780	24	M14
800	1000	ØD,1,5ØD, 2ØD	860	16	M8	1800	2000	ØD,1,5ØD, 2ØD	1880	24	M14