

## DIRECT DRIVE MOTOR

# MB

**Extremely robust, medium pressure and single inlet centrifugal fans with sheet steel casing and impeller**  
**Designed for dusty air**



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

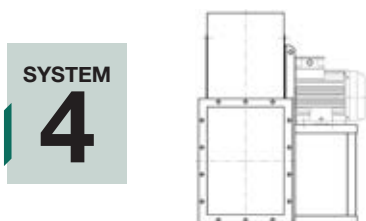
- Fan:**
- Sheet steel casing.
  - Impeller with reaction blades in extremely robust sheet steel, specially designed for air that is dusty or with small size materials suspended in the air.
  - Motor coupled directly.
  - Sizes larger than 1600 will be supplied with the casing disassembled to facilitate transport.
  - Casing continuously welded starting with size 710.

- Motor:**
- IE3 efficiency motors for powers equal to or higher than 0.75 kW except single-phase, 2-speed and 8-poles.
  - 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.

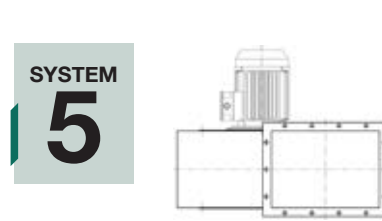
- Finish:**
- Anti-corrosive finish of polyester resin polymerised at 190°C, previously degreased with phosphate-free nanotechnological treatment.

- On request:**
- Special windings for different voltages.
  - Fan prepared for air transmission of up to +150°C.
  - Special executions for temperatures of +300°C.
  - Stainless steel fan.
  - Category 2 ATEX certification.
  - System 8 elastic coupling.

### Direct drive motor construction method



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



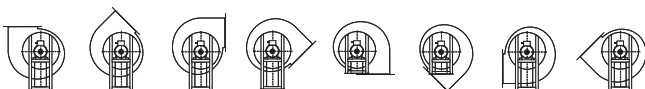
Direct drive, impeller mounted on the motor shaft, flange motor mounted on the fan casing.



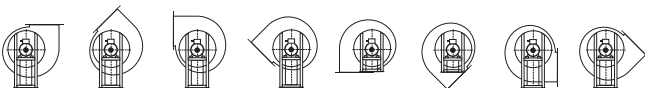
Elastic coupling drive, impeller mounted on the support shaft, mounted on the motor via an elastic coupling. Everything mounted together on a fan pedestal.

### Orientations

RD 0 RD45 RD90 RD135 RD180 RD225 RD270 RD315



LG 0 LG45 LG90 LG135 LG180 LG225 LG270 LG315



Stainless steel construc



**BELT-DRIVEN MOTOR**

# MB/R

*Belt-driven, medium pressure fans fitted with electric motors and a standardised set of pulleys, belts and protectors in accordance with standard ISO 13857*  
**Designed for 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 air that is dusty or with small size materials suspended in the air.
  - Motor assembled on the general bench.
  - Sizes larger than 1600 will be supplied with the casing disassembled to facilitate transport.
  - Casing continuously welded starting with size 710.

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

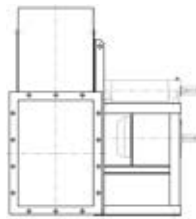
**Belt-driven motor construction method**

**SYSTEM 12**



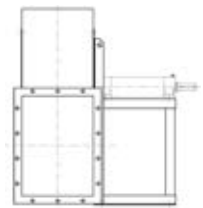
Transmission drive, identical to SYSTEM 1, with the motor and fan mounted on the common bench. Motor positions "W" or "Z" and exceptionally "X" or "Y".

**SYSTEM 9**



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

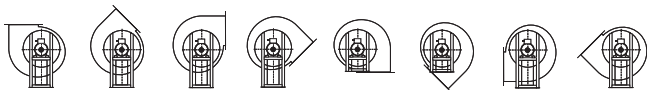
**SYSTEM 1**



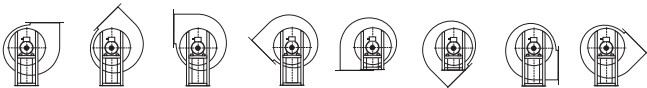
Transmission drive, impeller mounted on the support shaft. Support mounted on the pedestal.

**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 m <sup>3</sup> /s																	
						0.12	0.14	0.16	0.18	0.2	0.22	0.25	0.3	0.32	0.36	0.42	0.48	0.54	0.6	0.68	0.75		
						Pt kgf/m <sup>2</sup> =mmH <sub>2</sub> O																	
MB 250	71 A/2	0.3	0.37	2800	58	90	90	90	89	88	88	85	77	75	62								
MB 280	71 B/2	0.51	0.55	2810	61				118	118	118	117	115	112	110	105	85						
MB 310	80 B/2	0.95	1.1	2820	65							143	143	143	141	140	138	130	125	102	93		
MB 350	90 L/2	1.65	2.2	2840	69									190	190	190	190	187	182	178			
MB 400	112 M/2	3.45	4	2860	73													245	245	245	240		
MB 450	132 SB/2	6.1	7.5	2900	75																320		
MB 500	90 S/4	1	1.1	1380	62													95	94	93	90		
MB 560/A	100 LA/4	2.13	2.2	1410	65																	125	

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

Model	Frame	kW abs.	kW inst.	RPM	dB	V m <sup>3</sup> /s																	
						0.85	0.95	1.05	1.15	1.3	1.5	1.7	1.9	2.1	2.3	2.6	3	3.5	3.75	4.3	4.8		
						Pt kgf/m <sup>2</sup> =mmH <sub>2</sub> O																	
MB 350	90 L/2	1.65	2.2	2840	69	168	150	130	95														
MB 400	112 M/2	3.45	4	2860	73	240	235	230	220	200	170	120											
MB 450	132 SB/2	6.1	7.5	2900	75	320	320	315	310	305	295	282	250	190									
MB 500	160 MA/2	8.9	11	2910	80			395	395	395	390	385	380	370	360	330	270						
MB 560/B	160 MB/2	13.7	15	2930	81					405	405	400	395	390	375	360	325	305					
MB 560/A	160 L/2	18.2	18.5	2940	82					510	510	505	500	500	490	475	430	420	330				
MB 630/B	200 LA/2	27	30	2950	85								550	545	540	535	530	525	495	450			
MB 630/A	200 LB/2	33	37	2960	86								660	660	655	650	645	640	620	580			
MB 500	90 S/4	1	1.1	1380	62	89	88	85	82	75	65												
MB 560/A	100 LA/4	2.13	2.2	1410	65	122	120	119	117	115	110	105	95	80									
MB 630/A	112 M/4	3.85	4	1420	70			155	155	155	152	152	150	142	140	127	102						
MB 710/B	132 S/4	5.3	5.5	1430	71						162	162	161	158	156	155	146	132	125				
MB 710/A	132 MA/4	7.3	7.5	1430	72						198	198	197	195	193	191	185	175	165	125	85		
MB 800/B	160 L/4	8.8	11	1430	75								205	205	204	200	200	195	180	160			
MB 800/A	160 L/4	13.5	15	1465	76								255	255	254	252	250	246	235	225			
MB 900/B	180/M4	16.8	18.5	1470	77											266	266	264	258	251			
MB 900/A	200 L/4	25	30	1470	79											330	330	328	325	320			
MB 1000/B	225 S/4	29.8	37	1480	83															345	345		
MB 1000/A	225 M/4	43	45	1480	84																415	415	
MB 800/A	132 MA/6	3.5	4	950	64					110	110	108	105	103	100	98	95	85	65				
MB 900/A	160 M/6	6.5	7.5	960	67								140	140	135	134	133	132	130	120			
MB 1000/B	160 L/6	9.4	11	960	70											145	145	144	144	140			
MB 1000/A	180 L/6	12	15	970	72											178	178	176	175	170			
MB 1120/B	200 LR/6	15.8	18.5	975	75															186	181		
MB 1120/A	200 L/6	20.8	22	975	77																225	225	

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



**QUICK SELECT SYSTEM 4**

**Impulsion characteristics**

Model	Frame	kW abs.	kW inst.	RPM	dB	V m <sup>3</sup> /s																
						5.4	6	6.5	7	8	9	10	12	14	16	18	20	22	26			
						Pt kgf/m <sup>2</sup> =mmH <sub>2</sub> O																
MB 630/B	200 LA/2	27	30	2950	85	405																
MB 630/A	200 LB/2	33	37	2960	86	540	475															
MB 800/B	160 L/4	8.8	11	1430	75	135																
MB 800/A	160 L/4	13.5	15	1465	76	200	175	150														
MB 900/B	180/M4	16.8	18.5	1470	77	248	235	230	205													
MB 900/A	200 L/4	25	30	1470	79	318	310	305	290	260	220											
MB 1000/B	225 S/4	29.8	37	1480	83	340	335	325	305	290	270	245										
MB 1000/A	225 M/4	43	45	1480	84	410	405	400	395	380	375	350	290									
MB 1120/B	250 M/4	53.2	55	1480	86		425	425	425	415	410	405	385	345	285							
MB 1120/A	280 S/4	72.5	75	1485	87		520	520	520	510	505	500	480	440	380	300						
MB 1250/B	315 S/4	94.3	110	1485	89					535	535	535	530	520	500	470	420	360				
MB 1250/A	315 MA/4	128.5	132	1485	90					650	650	650	645	635	615	590	560	510	360			
MB 900/A	160 M/6	6.5	7.5	960	67	100	65															
MB 1000/B	160 L/6	9.4	11	960	70	131	125	115	100													
MB 1000/A	180 L/6	12	15	970	72	168	165	155	150	125												
MB 1120/B	200 LR/6	15.8	18.5	975	75	180	180	180	172	160	147	121										
MB 1120/A	200 L/6	20.8	22	975	77	220	220	220	215	210	200	180	125									
MB 1250/B	225 M/6	25.6	30	980	78		235	233	229	223	225	210	195	165	125							
MB 1250/A	250 M/6	34	37	980	79		285	285	285	282	285	275	260	235	190	130						
MB 1400/B	280 S/6	43.9	45	985	81					290	290	290	273	265	245	225	185	132				
MB 1400/A	315 S/6	66.8	75	985	82					360	360	360	350	345	330	315	285	242	140			

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 <sup>3</sup> /s																					
						0.12	0.14	0.16	0.18	0.2	0.22	0.25	0.3	0.32	0.36	0.42	0.48	0.54	0.6	0.68	0.75						
						Pt kgf/m <sup>2</sup> =mmH <sub>2</sub> O																					
MB 250	71 A/2	0.3	0.37	2800	61	79	79	79	78	77	77	75	68	66	55												
MB 280	71 B/2	0.51	0.55	2810	64										99	99	99	98	97	97	95	88	70				
MB 310	80 B/2	0.95	1.1	2820	68												126	126	126	124	123	121	114	110	90	82	
MB 350	90 L/2	1.65	2.2	2840	72														167	167	167	167	165	160	157		
MB 400	112 M/2	3.45	4	2860	76																216	216	216	211			
MB 450	132 SB/2	6.1	7.5	2900	78																	282					
MB 500	90 S/4	1	1.1	1380	65															84	83	82	79				
MB 560/A	100 LA/4	2.13	2.2	1410	68																		110				

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

Model	Frame	kW abs.	kW inst.	RPM	dB	V m <sup>3</sup> /s																							
						0.85	0.95	1.05	1.15	1.3	1.5	1.7	1.9	2.1	2.3	2.6	3	3.5	3.75	4.3	4.8								
						Pt kgf/m <sup>2</sup> =mmH <sub>2</sub> O																							
MB 350	90 L/2	1.65	2.2	2840	72	148	132	114	84																				
MB 400	112 M/2	3.45	4	2860	76	211	207	202	194	176	150	106																	
MB 450	132 SB/2	6.1	7.5	2900	78	282	282	277	273	268	260	248	220	167															
MB 500	160 MA/2	8.9	11	2910	83							348	348	348	343	339	334	326	317	290	238								
MB 560/B	160 MB/2	13.7	15	2930	84											356	356	352	348	343	330	317	286	268					
MB 560/A	160 L/2	18.2	18.5	2940	85												449	449	444	440	440	431	418	378	370	290			
MB 630/B	200 LA/2	27	30	2950	88														484	480	475	471	466	462	436	396			
MB 630/A	200 LB/2	33	37	2960	89													581	581	576	572	568	563	546	510				
MB 500	90 S/4	1	1.1	1380	65	78	77	75	72	66	57																		
MB 560/A	100 LA/4	2.13	2.2	1410	68	107	106	105	103	101	97	92	84	70															
MB 630/A	112 M/4	3.85	4	1420	73							136	136	136	134	132	125	123	112	90									
MB 710/B	132 S/4	5.3	5.5	1430	74												143	143	142	139	137	136	128	116	110				
MB 710/A	132 MA/4	7.3	7.5	1430	75													174	174	173	172	170	168	163	154	145	110	75	
MB 800/B	160 L/4	8.8	11	1430	78														180	180	180	176	176	172	158	141			
MB 800/A	160 L/4	13.5	15	1465	79															224	224	224	222	220	216	207	198		
MB 900/B	180 M/4	16.8	18.5	1470	80																234	234	232	227	221				
MB 900/A	200 L/4	25	30	1470	82															290	290	289	286	282					
MB 1000/B	225 S/4	29.8	37	1480	86																	304	304						
MB 1000/A	225 M/4	43	45	1480	87																		365	365					
MB 800/A	132 MA/6	3.5	4	950	67												97	97	95	92	91	88	86	84	75	57			
MB 900/A	160 M/6	6.5	7.5	960	70													123	123	119	118	117	116	114	106				
MB 1000/B	160 L/6	9.4	11	960	73														128	128	127	127	123						
MB 1000/A	180 L/6	12	15	970	75															157	157	155	154	150					
MB 1120/B	200 LR/6	15.8	18.5	975	78																164	159							
MB 1120/A	200 L/6	20.8	22	975	80																	198	198						

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



**QUICK SELECT SYSTEM 4**

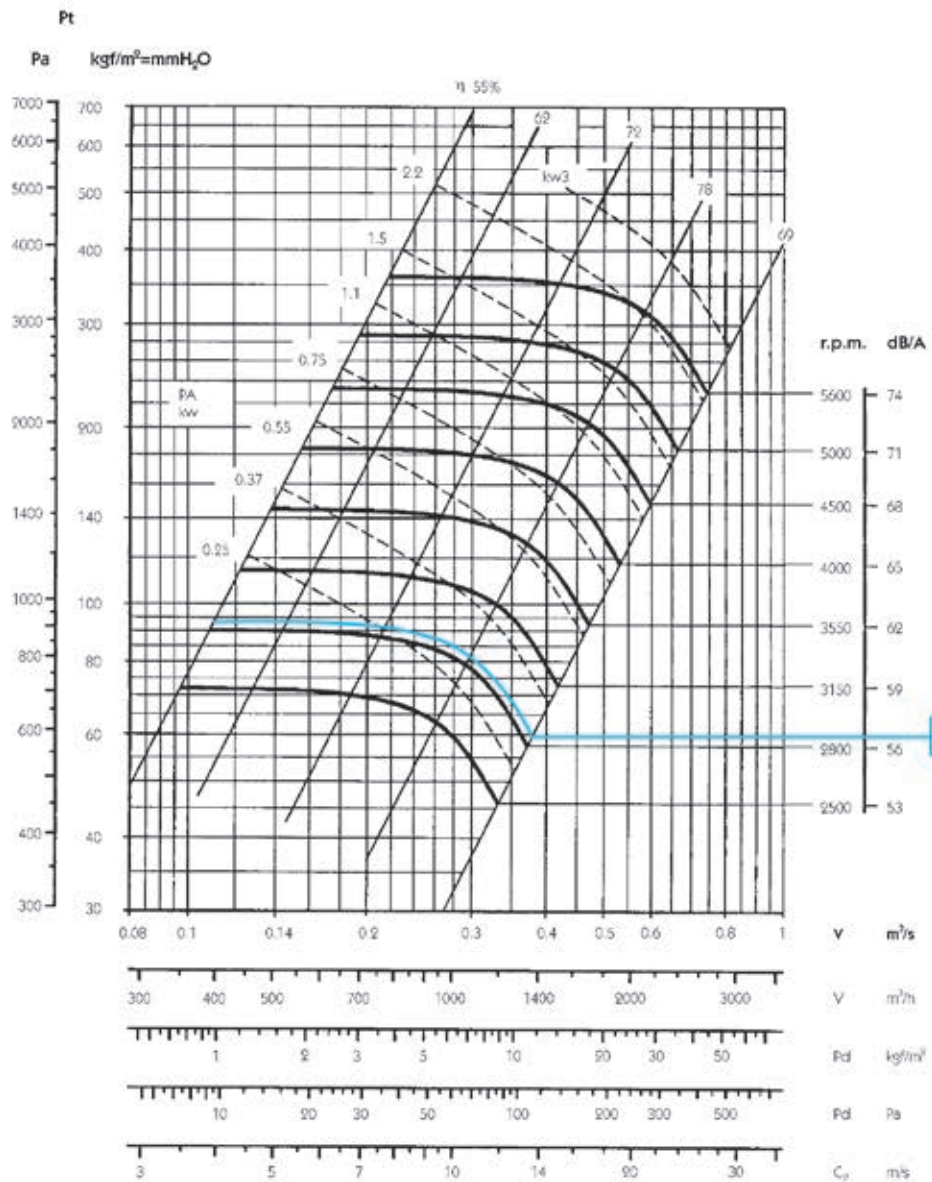
**Inlet characteristics**

Model	Frame	kW abs.	kW inst.	RPM	dB	V m <sup>3</sup> /s																
						5.4	6	6.5	7	8	9	10	12	14	16	18	20	22	26			
						Pt kgf/m <sup>2</sup> =mmH <sub>2</sub> O																
MB 630/B	200 LA/2	27	30	2950	88	356																
MB 630/A	200 LB/2	33	37	2960	89	475	418															
MB 800/B	160 L/4	8.8	11	1430	78	119																
MB 800/A	160 L/4	13.5	15	1465	79	176	154	132														
MB 900/B	180/M4	16.8	18.5	1470	80	218	207	202	180													
MB 900/A	200 L/4	25	30	1470	82	280	273	268	255	229	194											
MB 1000/B	225 S/4	29.8	37	1480	86	299	295	286	268	255	238	216										
MB 1000/A	225 M/4	43	45	1480	87	361	356	352	348	334	330	308	255									
MB 1120/B	250 M/4	53.2	55	1480	89		374	374	374	365	361	356	339	304	251							
MB 1120/A	280 S/4	72.5	75	1485	90		458	458	458	449	444	440	422	387	334	264						
MB 1250/B	315 S/4	94.3	110	1485	92					471	471	471	466	458	440	414	370	317				
MB 1250/A	315 MA/4	128.5	132	1485	93					572	572	572	568	559	541	519	493	449	317			
MB 900/A	160 M/6	6.5	7.5	960	70	88	57															
MB 1000/B	160 L/6	9.4	11	960	73	115	110	101	88													
MB 1000/A	180 L/6	12	15	970	75	148	145	136	132	110												
MB 1120/B	200 LR/6	15.8	18.5	975	78	158	158	158	158	141	129	106										
MB 1120/A	200 L/6	20.8	22	975	80	194	194	194	194	189	185	176	158	110								
MB 1250/B	225 M/6	25.6	30	980	81		207	205	202	196	198	185	172	145	110							
MB 1250/A	250 M/6	34	37	980	82		251	251	251	248	251	242	229	207	167	114						
MB 1400/B	280 S/6	43.9	45	985	84					255	255	255	240	233	216	198	163	116				
MB 1400/A	315 S/6	66.8	75	985	85					317	317	317	308	304	290	277	251	213	123			

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

## Characteristic curves

### MB 250



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
$\leq 100^\circ\text{C}$	5000
101 ... 200 $^\circ\text{C}$	4500
201 ... 300 $^\circ\text{C}$	4000

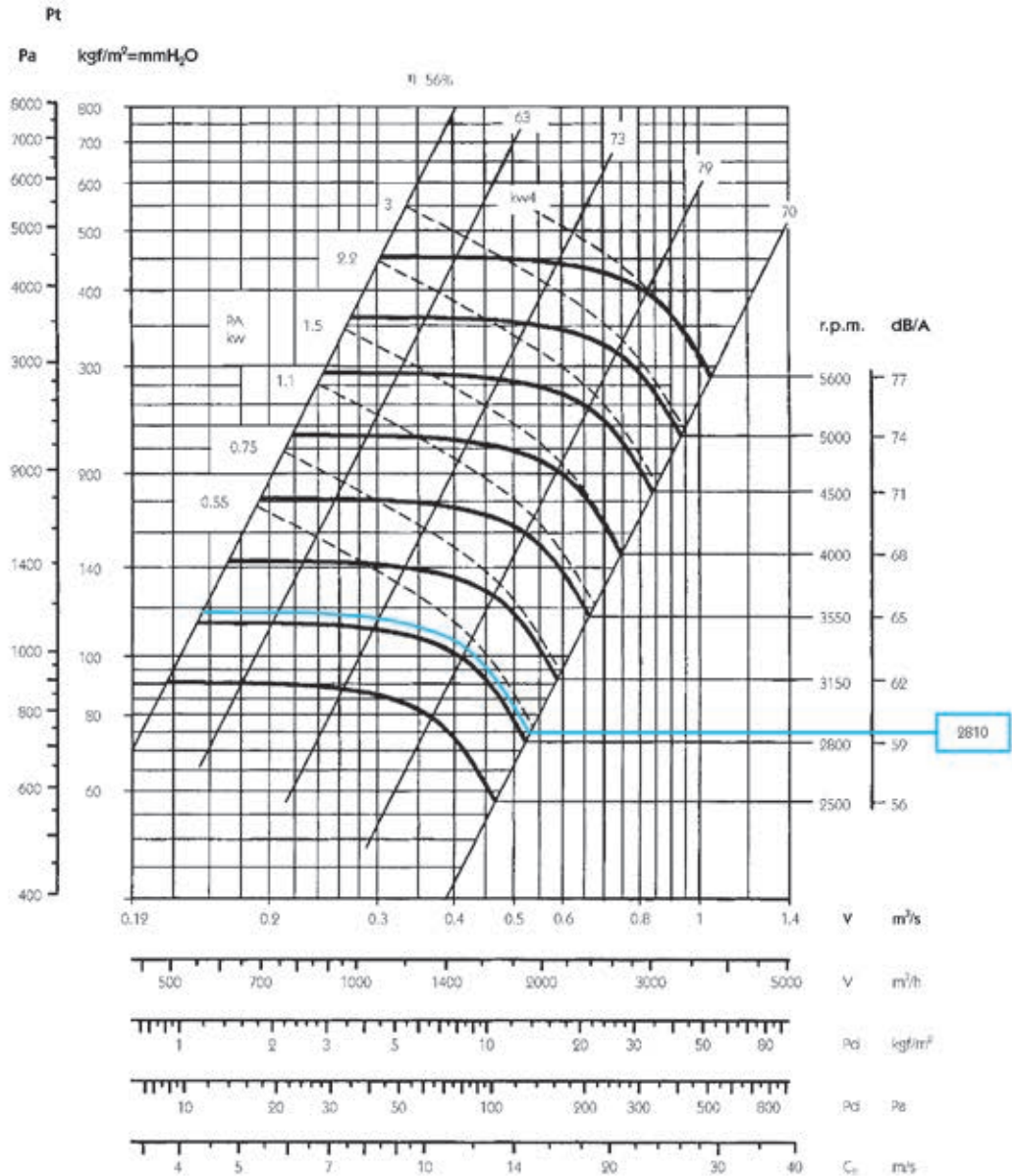
RPM

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



Characteristic curves

MB 280



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
≤ 100°C	4750
101 ... 200°C	4250
201 ... 300°C	3750

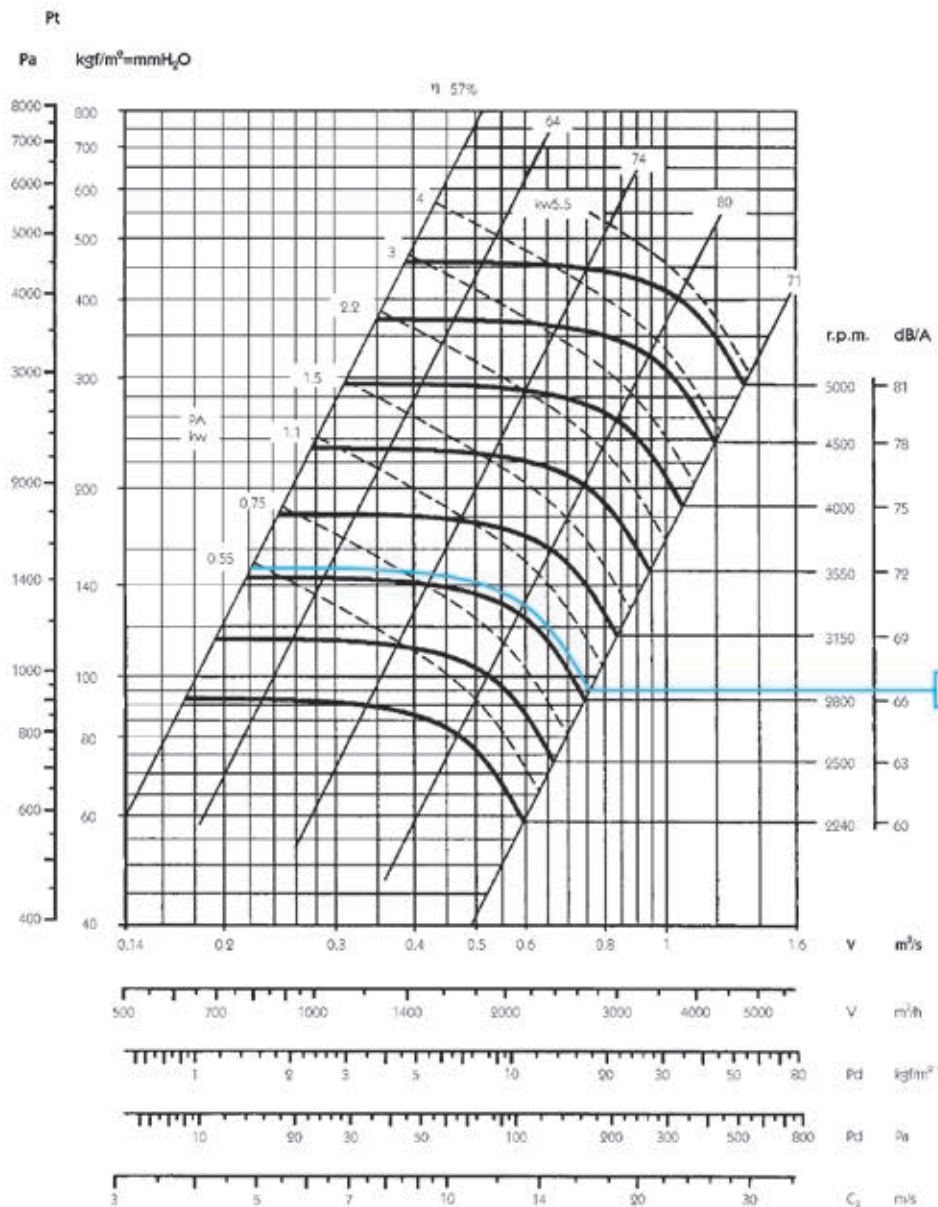
RPM

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



## Characteristic curves

### MB 310



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
≤ 100°C	4500
101 ... 200°C	4000
201 ... 300°C	3550

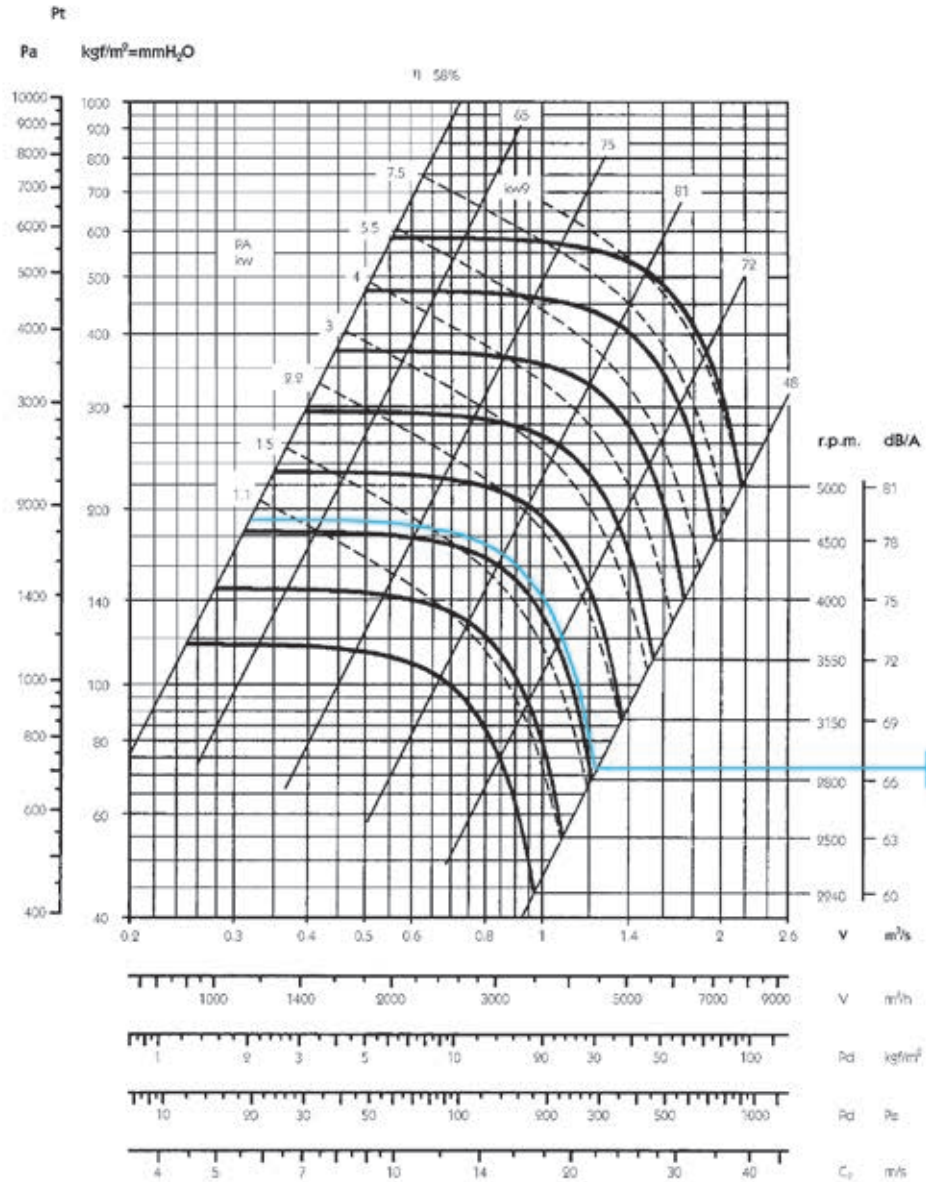
RPM

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



Characteristic curves

MB 350



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

Impulsion characteristics

Maximum admissible RPM

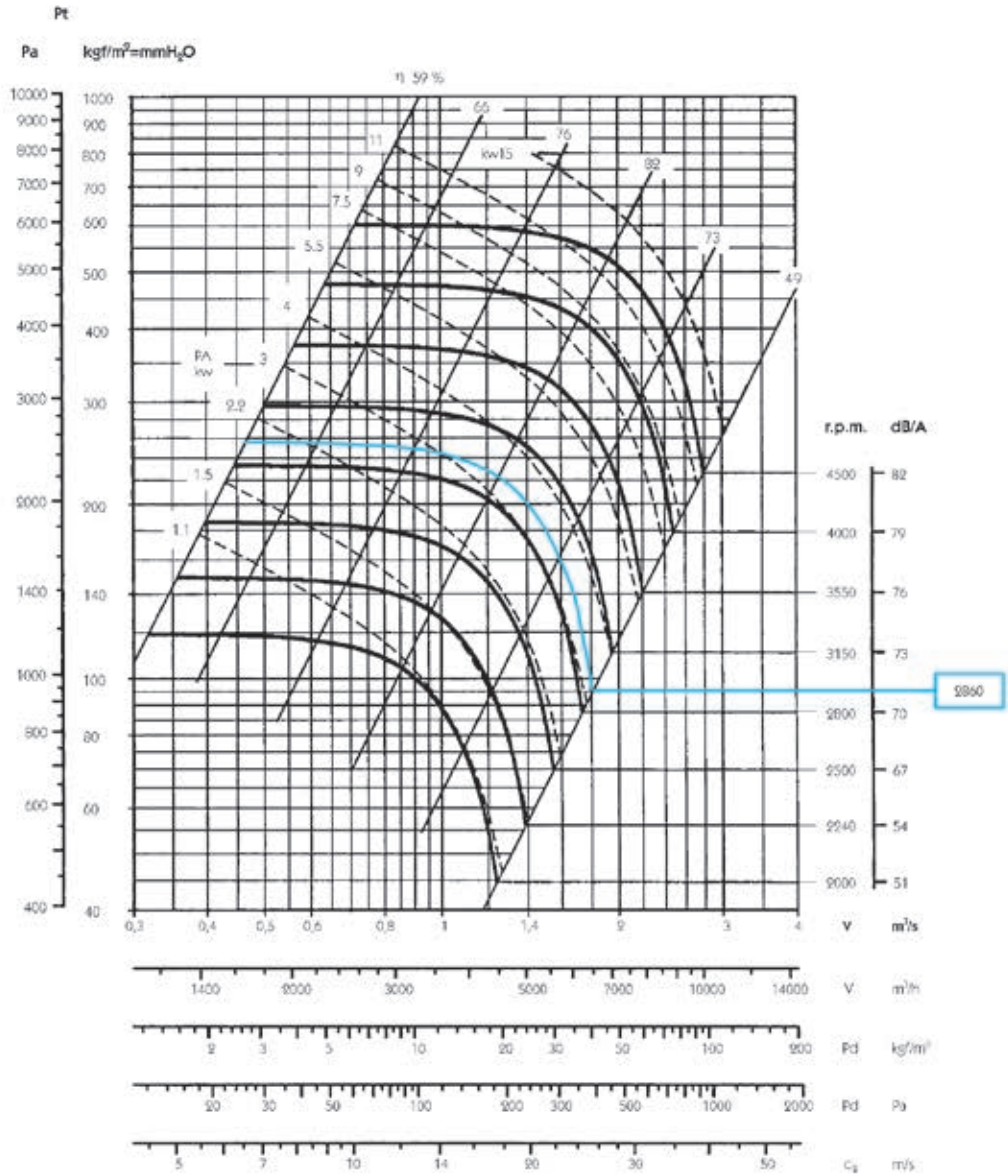
Class 1	
≤ 100°C	4250
101 ... 200°C	3750
201 ... 300°C	3350

RPM

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

### Characteristic curves

## MB 400



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
≤ 100°C	4000
101 ... 200°C	3550
201 ... 300°C	3150

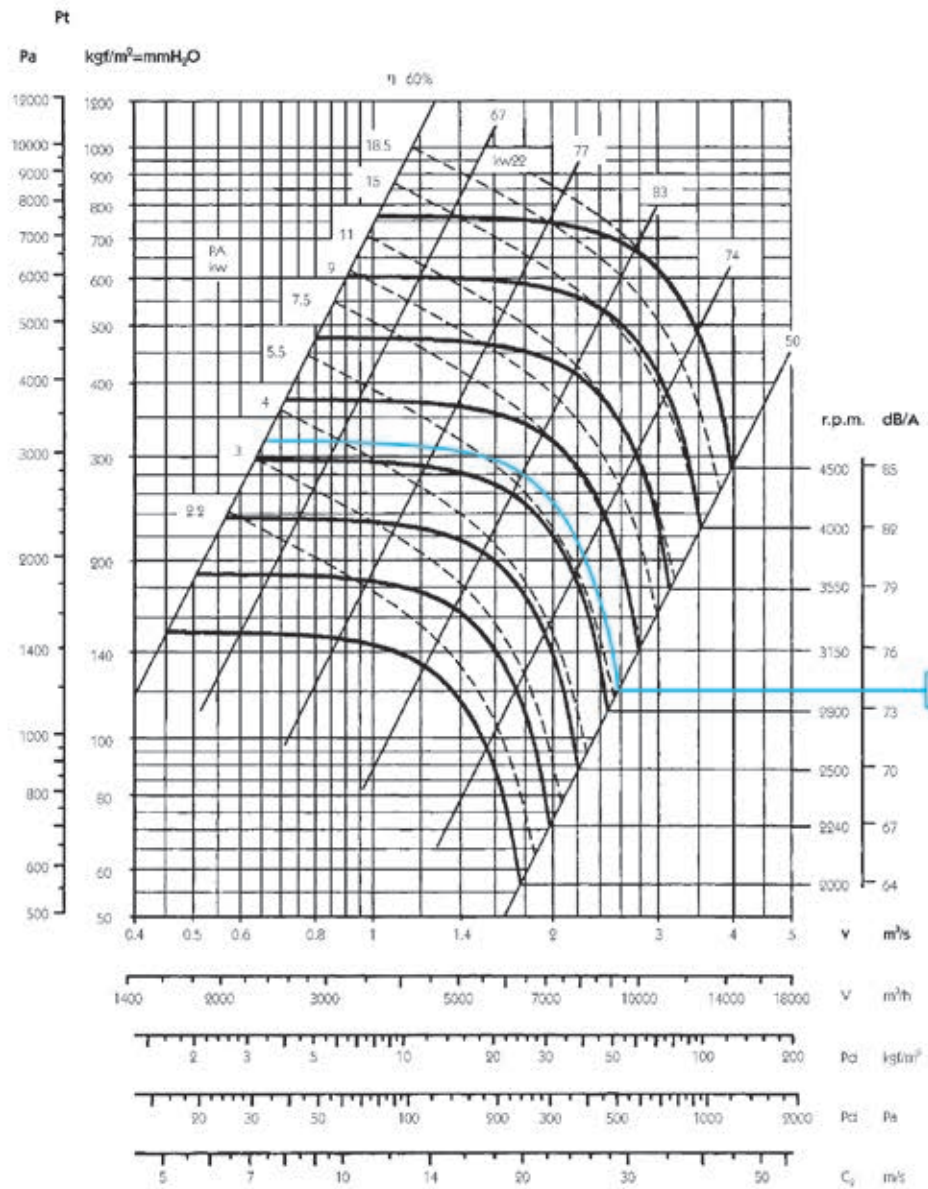
**RPM**

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



Characteristic curves

MB 450



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

Impulsion characteristics

Maximum admissible RPM

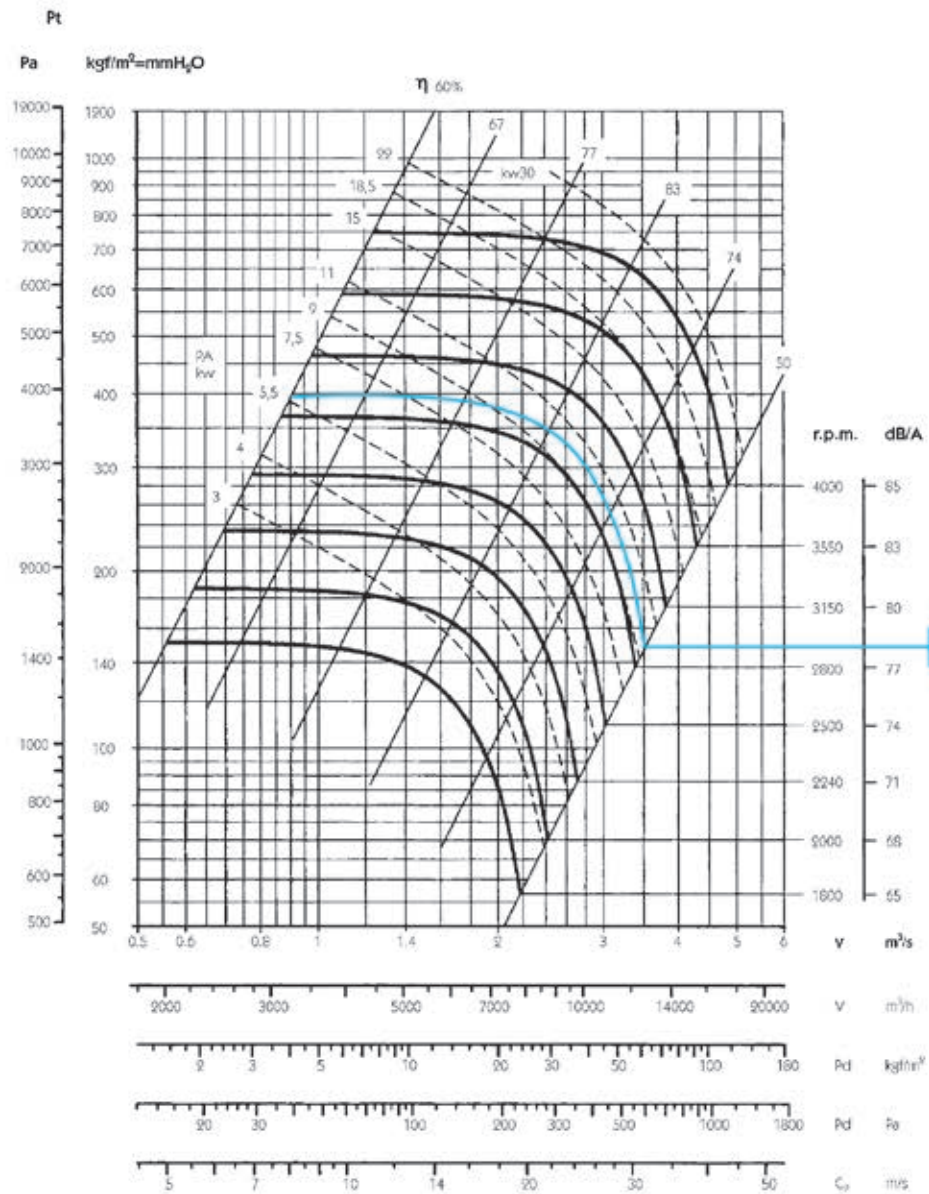
Class 1	
≤ 100°C	3750
101 ... 200°C	3350
201 ... 300°C	3000

RPM

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

## Characteristic curves

### MB 500



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
$\leq 100^\circ\text{C}$	3550
101 ... 200 $^\circ\text{C}$	3150
201 ... 300 $^\circ\text{C}$	2800

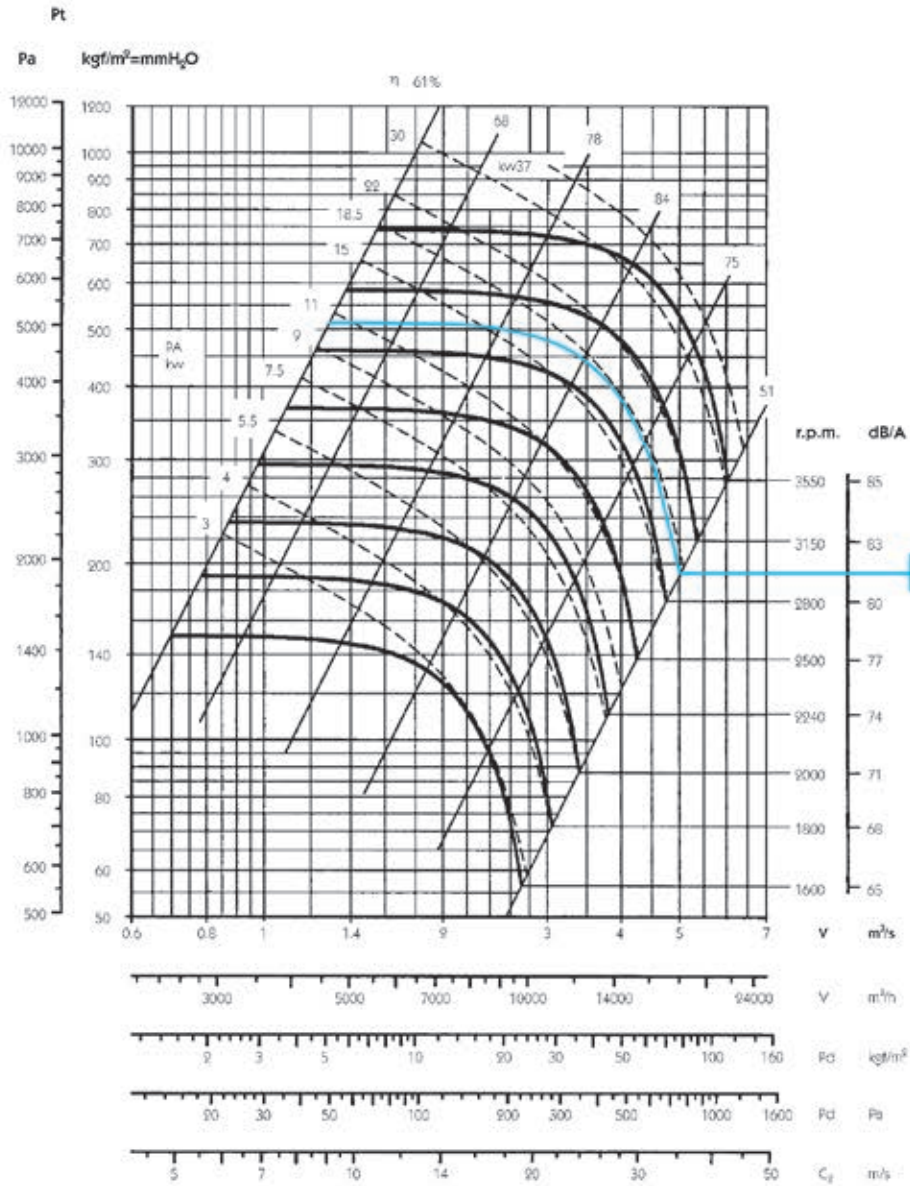
RPM

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



Characteristic curves

MB 560



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

Impulsion characteristics

Maximum admissible RPM

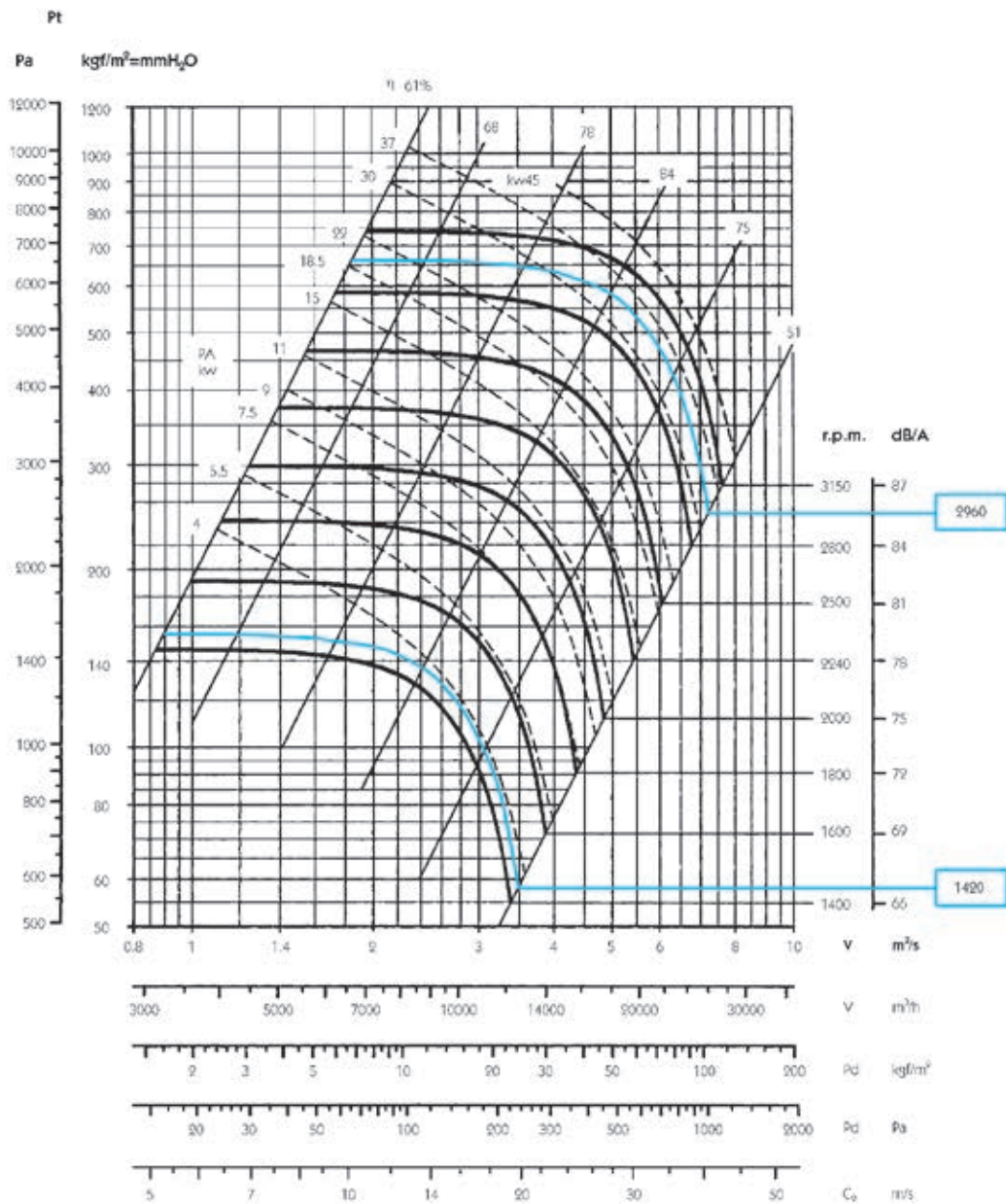
Class 1	
≤ 100°C	3350
101 ... 200°C	3000
201 ... 300°C	2650

RPM

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

## Characteristic curves

### MB 630



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
$\leq 100^\circ\text{C}$	3150
101 ... 200°C	2800
201 ... 300°C	2500

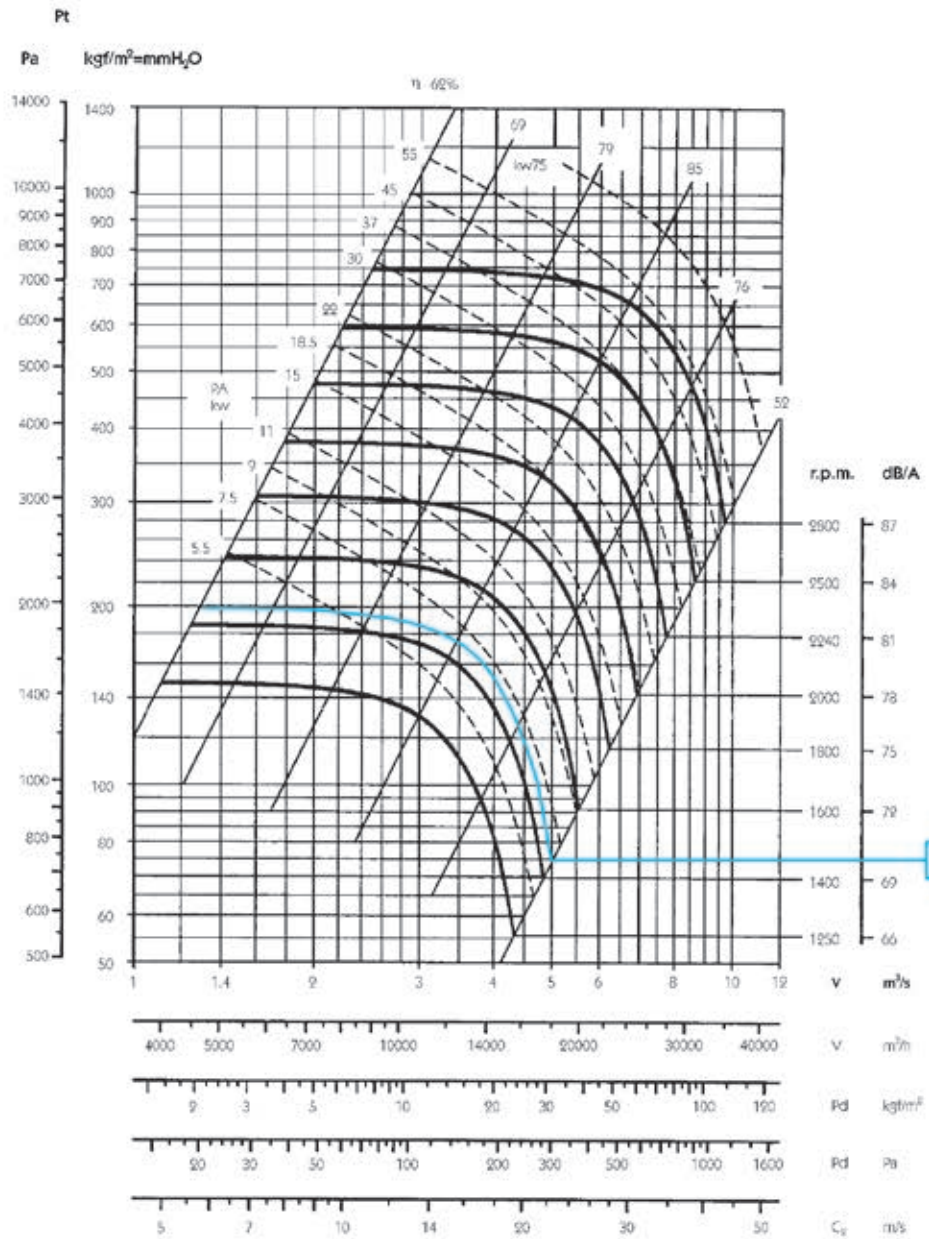
**RPM**

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



Characteristic curves

MB 710



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
≤ 100°C	2800
101 ... 200°C	2500
201 ... 300°C	2240

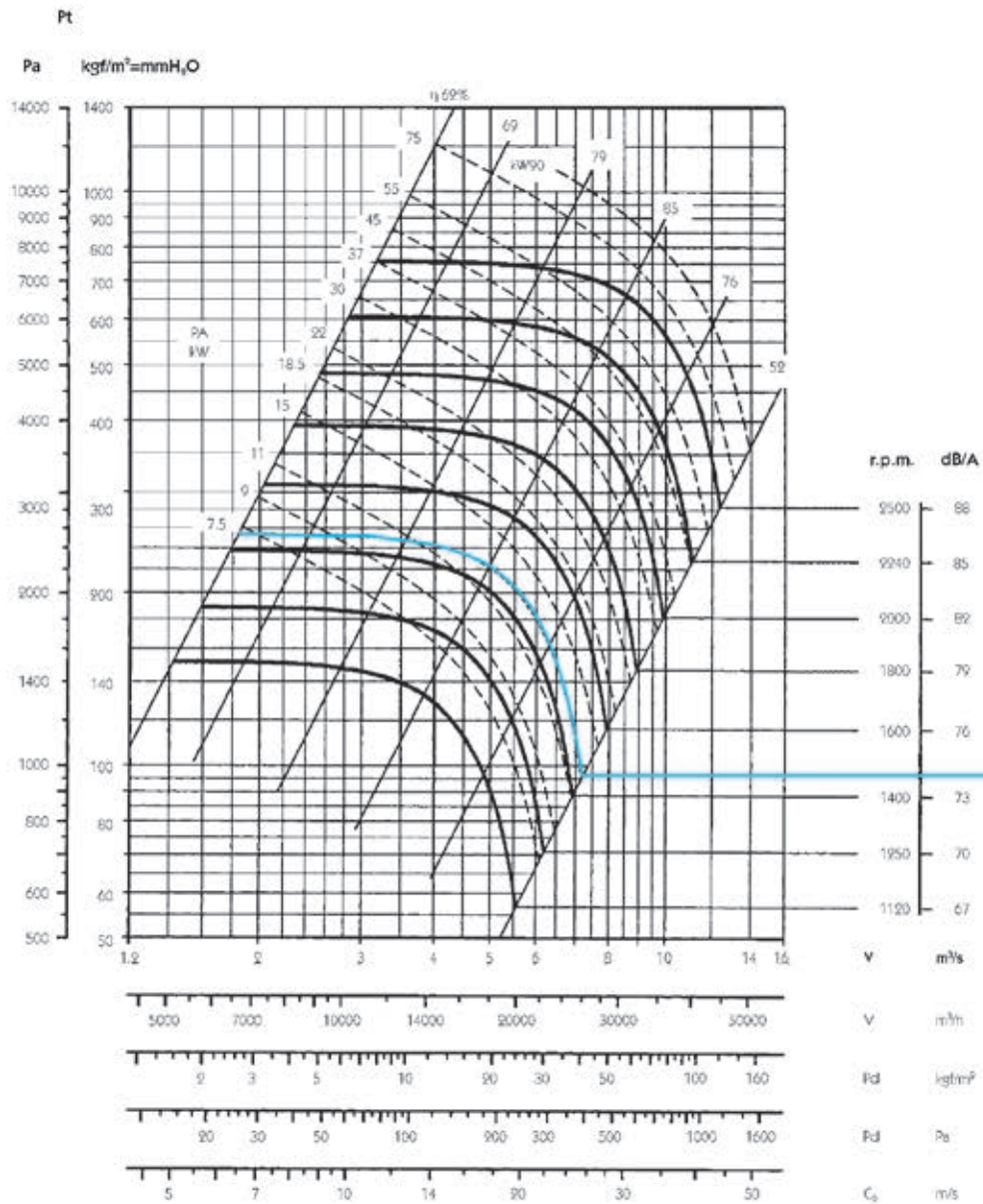
RPM

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



## Characteristic curves

### MB 800



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
$\leq 100^\circ\text{C}$	2500
101 ... 200 $^\circ\text{C}$	2240
201 ... 300 $^\circ\text{C}$	2000

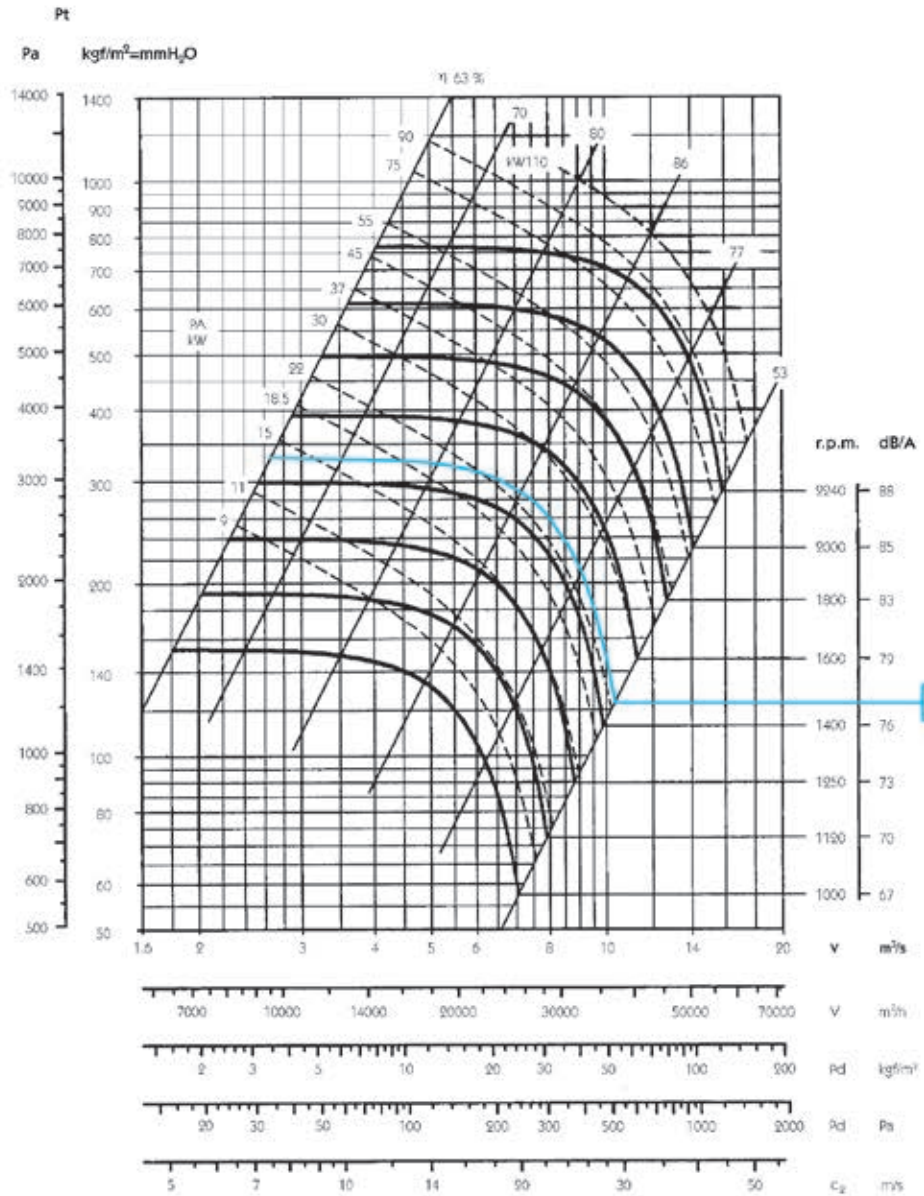
**RPM**

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



Characteristic curves

MB 900



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

Impulsion characteristics

Maximum admissible RPM

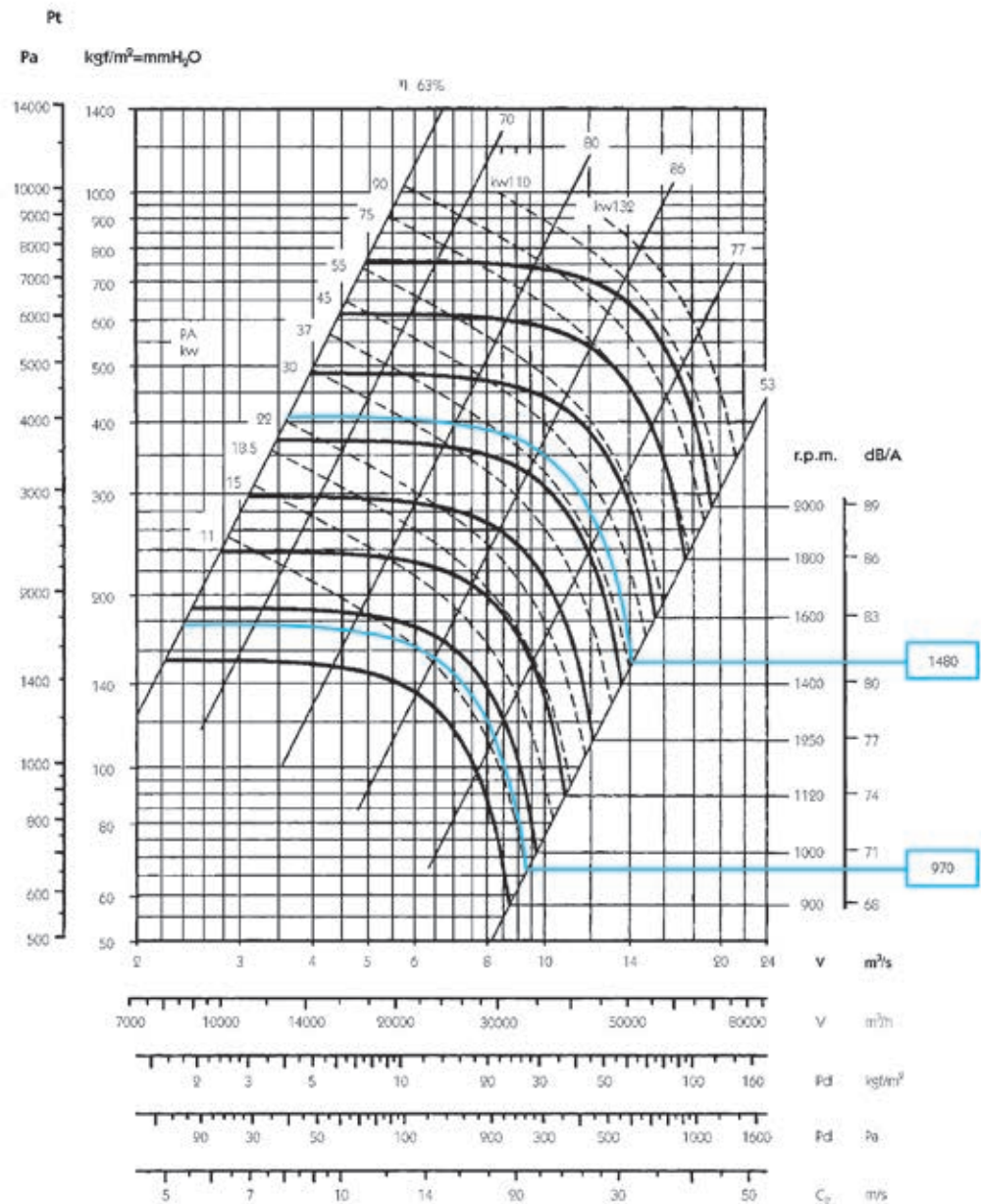
Class 1	
≤ 100°C	2240
101 ... 200°C	2000
201 ... 300°C	1800

RPM

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

## Characteristic curves

### MB 1000



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
$\leq 100^\circ\text{C}$	2000
101 ... 200°C	1800
201 ... 300°C	1600

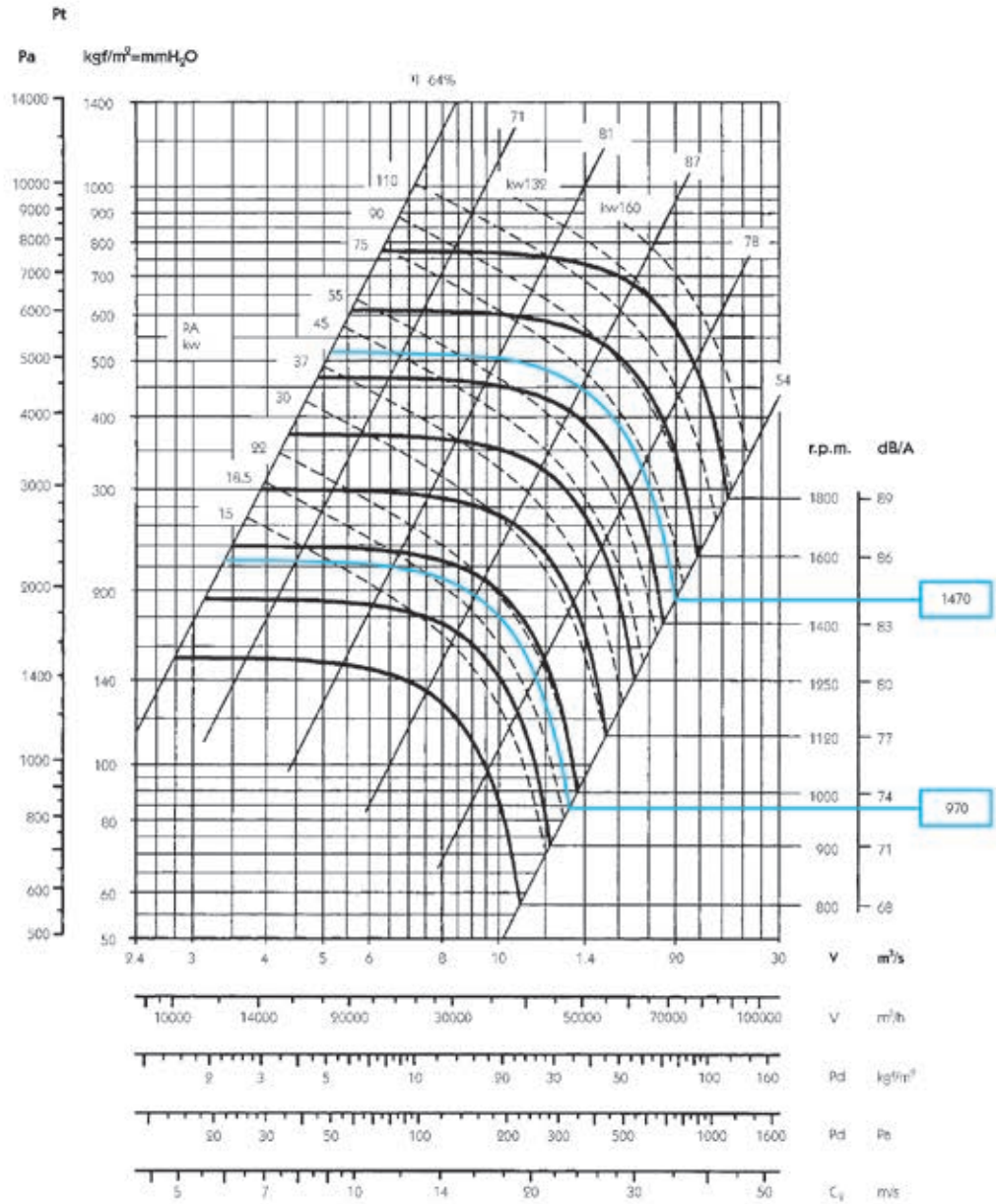
**RPM**

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



Characteristic curves

MB 1120



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

Impulsion characteristics

Maximum admissible RPM

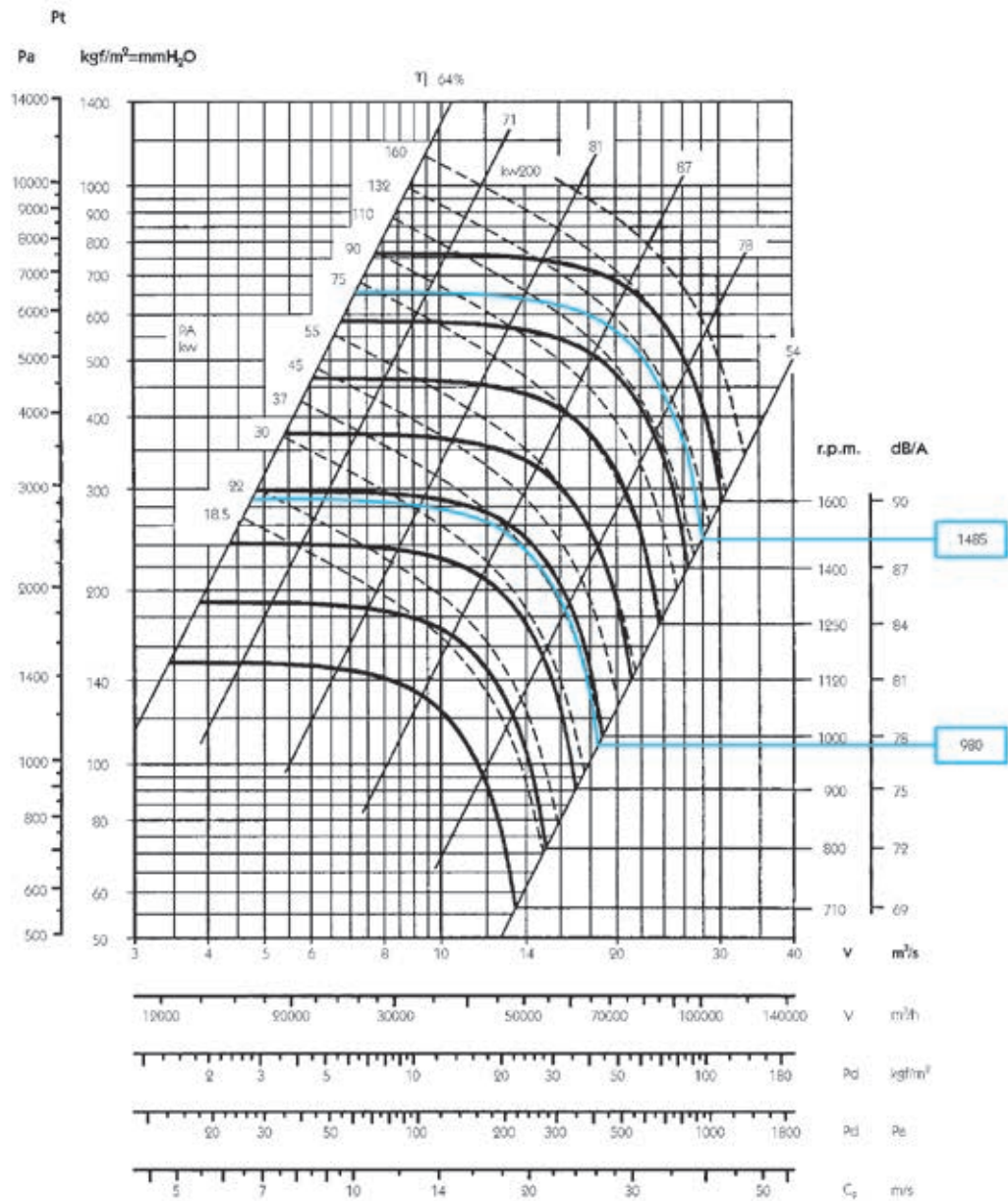
Class 1	
$\leq 100^\circ\text{C}$	1800
101 ... 200 $^\circ\text{C}$	1600
201 ... 300 $^\circ\text{C}$	1400

RPM

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

## Characteristic curves

### MB 1250



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

Impulsion characteristics

Maximum admissible RPM

Class 1	
≤ 100°C	1600
101 ... 200°C	1400
201 ... 300°C	1250

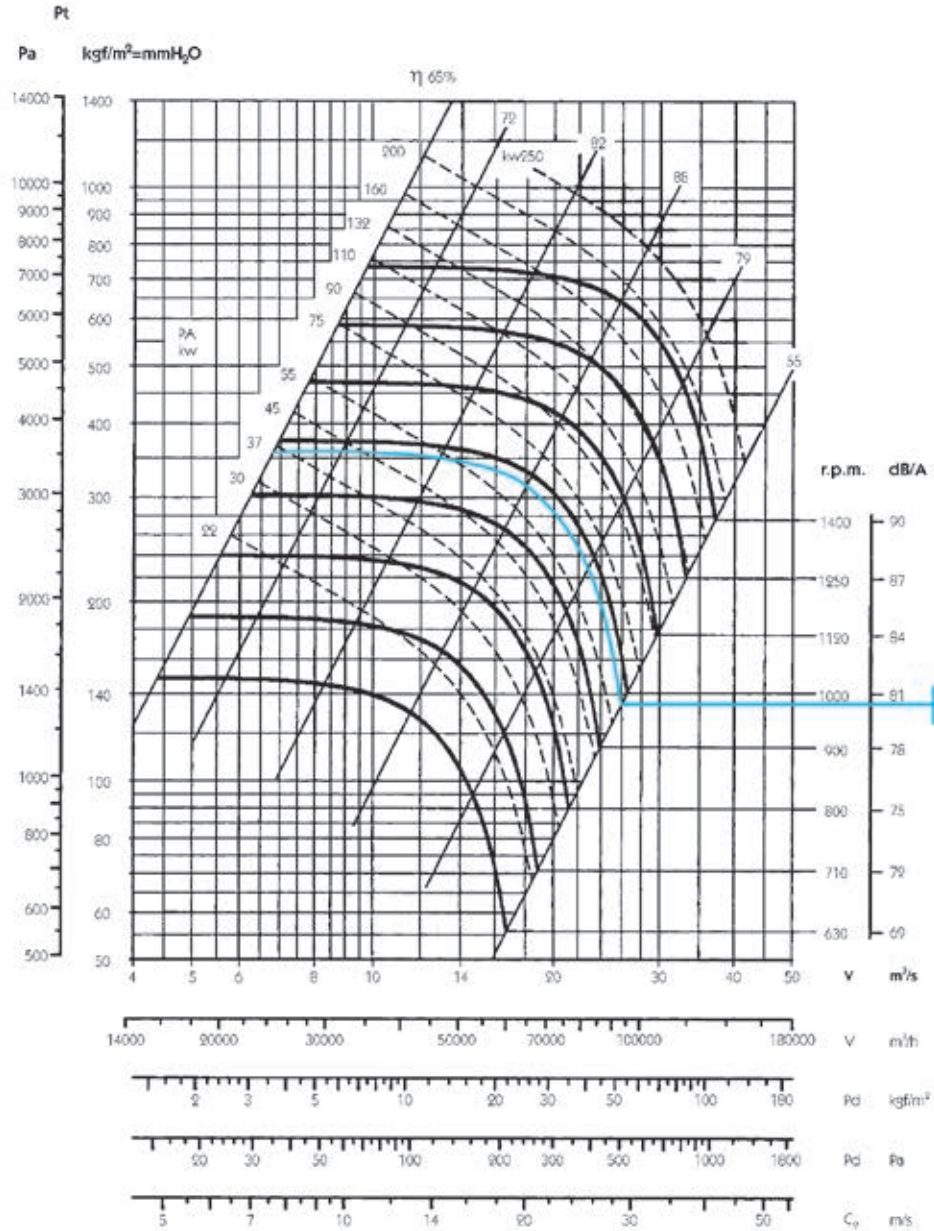
**RPM**

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



Characteristic curves

MB 1400



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

Impulsion characteristics

Maximum admissible RPM

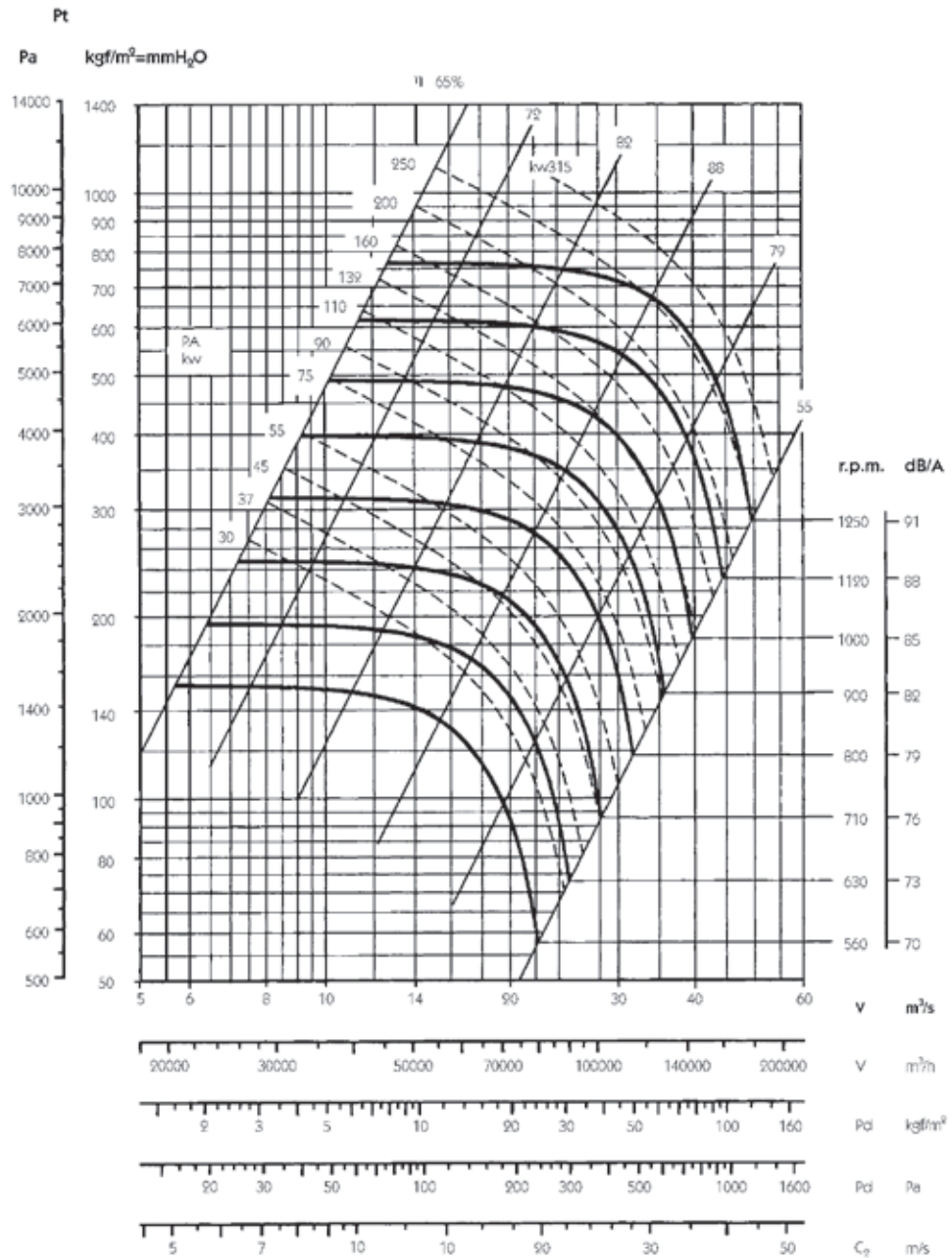
Class 1	
≤ 100°C	1400
101 ... 200°C	1250
201 ... 300°C	1120

RPM

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

### Characteristic curves

## MB 1600



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

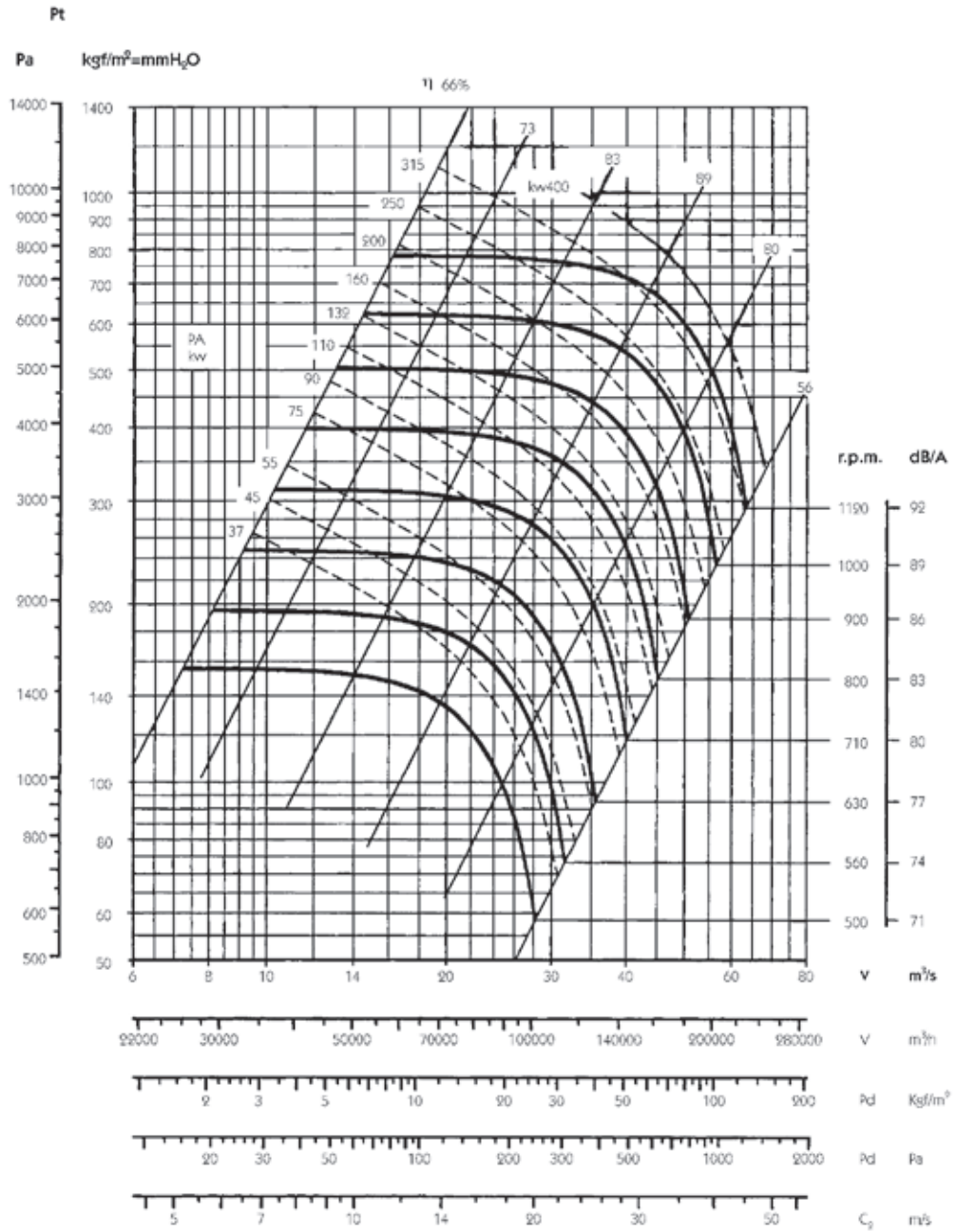
Maximum admissible RPM

Class 1	
≤ 100°C	1250
101 ... 200°C	1120
201 ... 300°C	1000



Characteristic curves

MB 1800



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

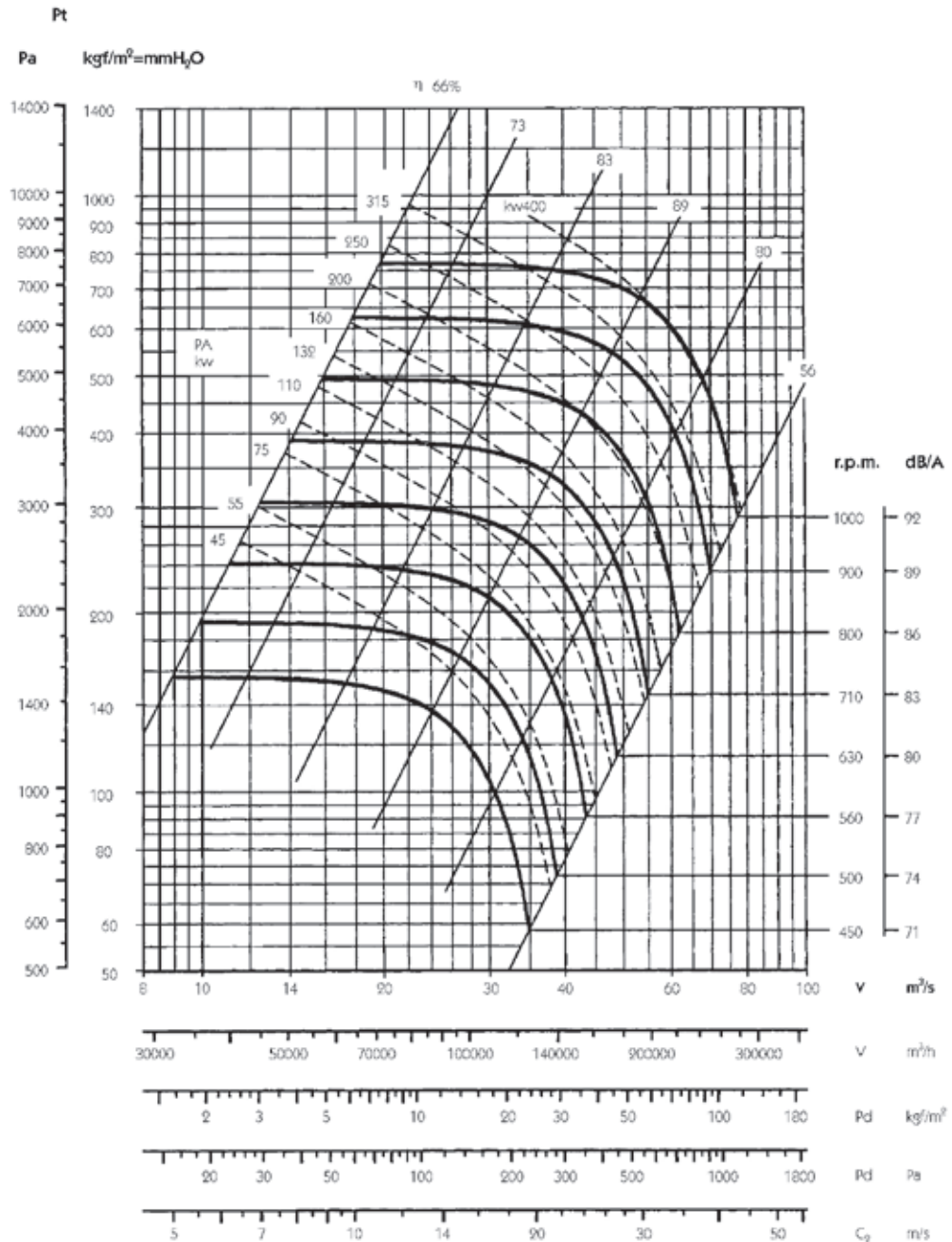
Maximum admissible RPM

Class 1	
≤ 100°C	1120
101 ... 200°C	1000
201 ... 300°C	900



## Characteristic curves

### MB 2000



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

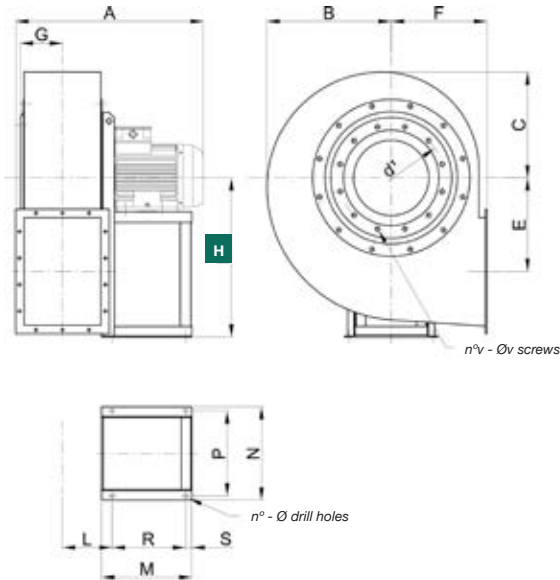
Maximum admissible RPM

**Class 1**

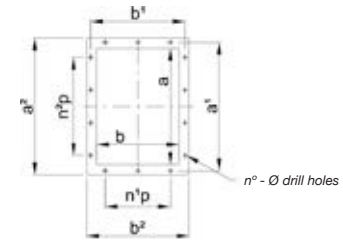
$\leq 100^\circ\text{C}$	1000
101 ... 200°C	900
201 ... 300°C	800

Dimensions mm

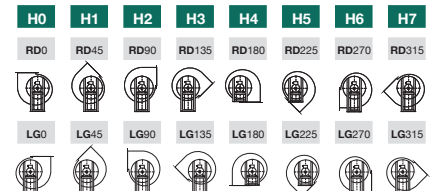
**MB 250...500**



**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	K	M*	N	P	R*	S
MB 250	71 A/2	405	240	210	175	195	86	315	195	315	126	-	190	244	220	115	25
MB 280	71 B/2	420	265	225	202	200	95	375	200	375	135	-	190	244	220	115	25
MB 310	80 B/2	465	300	225	229	225	105	400	225	400	144	-	190	244	220	115	25
MB 350	90 L/2	535	335	285	253	255	114	450	255	450	155	-	215	269	245	140	25
MB 400	112 M/2	585	380	320	286	285	128	500	285	500	168	-	260	312	280	185	25
MB 450	132 SB/2	700	425	360	321	320	143	560	320	560	182	-	320	342	310	245	25
MB 500	160 MA/2	805	470	405	355	360	158	600	360	600	198	-	425	440	400	345	30
MB 500	90 S/4	590	470	405	355	360	158	600	360	600	198	-	215	269	245	140	25

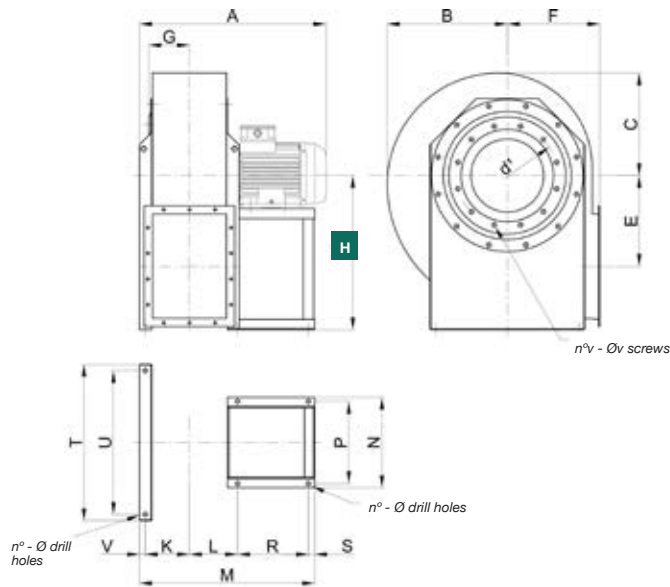
**OUTLET NOZZLE**

MOD.	n°	Ø	d¹	n°v	Øv	a	b	a¹	b¹	a²	b²	n¹p	n²p	n¹f	of	kg	WD²
MB 250	4	10	241	8	M6	205	146	241	182	275	216	1-112	1-112	8	12	23	0.1
MB 280	4	10	265	8	M6	229	164	265	200	299	234	1-112	1-112	8	12	28	0.15
MB 310	4	10	292	8	M8	256	183	292	219	326	253	1-112	2-112	10	12	35	0.25
MB 350	4	10	332	8	M8	288	205	332	249	368	285	1-125	2-125	10	12	65	0.4
MB 400	4	12	366	8	M8	322	229	366	273	402	309	1-125	2-125	10	12	110	0.75
MB 450	4	12	405	8	M8	361	256	405	300	441	336	1-125	2-125	10	12	145	1.1
MB 500	4	14	448	12	M8	404	288	448	332	484	368	2-125	3-125	14	12	220	2.2
MB 500	4	10	448	12	M8	404	288	448	332	484	368	2-125	3-125	14	12	125	2.3

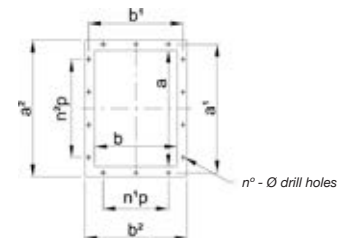
(\*) For "HIGH TEMP." constructions, elevations "A-M-R" + 50 mm.  
(kg) = Weight of fan with motor.  
WD² = Moment of inertia of the impeller, expressed in kg x m²

Dimensions mm

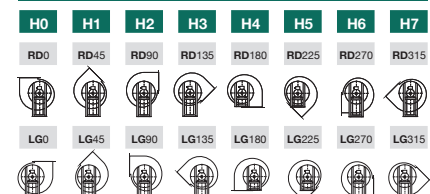
**MB 560...630**



**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
MB 560/B	160 MB/2	870	525	445	390	400	179	670	400	670	214	196	808	440	400	345	30	690
MB 560/A	160 L/2	950	525	445	390	400	179	670	400	670	214	196	808	440	400	345	30	690
MB 560/A	100 LA/4	710	525	445	390	400	179	670	400	670	214	196	634	312	280	185	25	690
MB 630/B	200 LA/2	1060	590	505	441	450	199	750	450	750	264	217	964	558	515	420	40	760
MB 630/A	200 LB/2	1060	590	505	441	450	199	750	450	750	264	217	964	558	515	420	40	760
MB 630/A	112 M/4	720	590	505	441	450	199	750	450	750	234	217	654	312	280	185	25	760

**OUTLET NOZZLE**

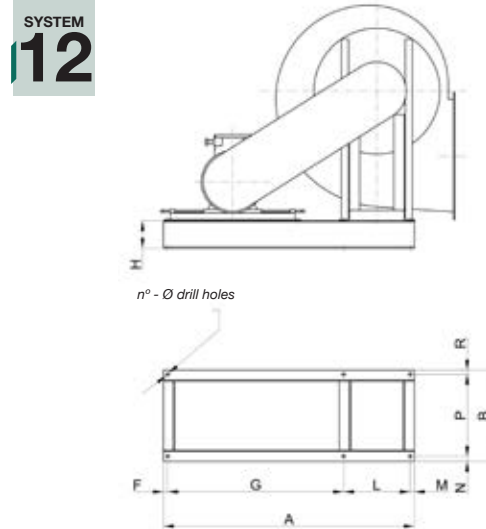
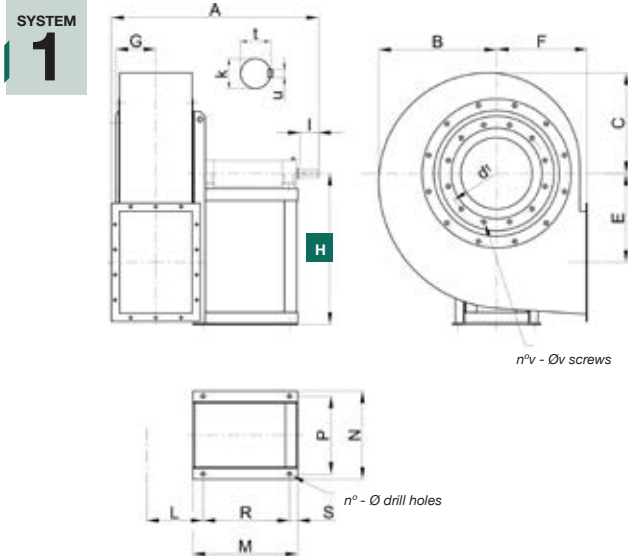
MOD.	U	V	n°	Ø	Ø'	d <sup>1</sup>	n°v	Øv	a	b	a <sup>1</sup>	b <sup>1</sup>	a <sup>2</sup>	b <sup>2</sup>	n <sup>1</sup> p	n <sup>2</sup> p	n <sup>1</sup> f	Øf	kg	WD <sup>2</sup>
MB 560/B	630	23	4+2	14	17	497	12	M8	453	322	497	366	533	402	2-125	3-125	14	12	275	3.5
MB 560/A	630	23	4+2	14	17	497	12	M8	453	322	497	366	533	402	2-125	3-125	14	12	285	3.8
MB 560/A	630	23	4+2	12	17	497	12	M8	453	322	497	366	533	402	2-125	3-125	14	12	140	3.7
MB 630/B	700	23	4+2	19	17	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	370	5.4
MB 630/A	700	23	4+2	19	17	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	400	5.9
MB 630/A	700	23	4+2	12	17	551	12	M8	507	361	551	405	587	441	2-125	3-125	14	12	170	5.7

(\*) For "HIGH TEMP." constructions, elevations "A-M-R" + 50 mm.  
(kg) = Weight of fan with motor.  
WD<sup>2</sup> = Moment of inertia of the impeller, expressed in kg x m<sup>2</sup>



Dimensions mm

MB 250...500



MOD.	A*	B	C	E	F	G	H0	H1	H2	H3
MB 250	465	240	210	175	195	86	315	315	315	315
MB 280	560	265	225	202	200	95	375	375	375	375
MB 310	580	300	255	229	225	105	400	400	400	400
MB 350	805	335	285	253	255	114	450	450	450	450
MB 400	930	380	320	286	285	128	500	500	500	500
MB 450	960	425	360	321	320	143	560	560	560	560
MB 500	1000	470	405	355	360	158	600	600	600	600

MOD.	A	B*	H	F	G	L	M	N	P*
MB 250	700	185	80	15	480	190	15	20	145
MB 280	895	265	100	20	630	230	15	25	215
MB 310	895	265	100	20	630	230	15	25	215
MB 350	980	450	120	20	630	310	20	25	400
MB 400	1020	530	120	20	650	330	20	25	480
MB 450	1175	530	120	25	800	330	20	25	480
MB 500	1265	495	160	25	830	385	25	30	430

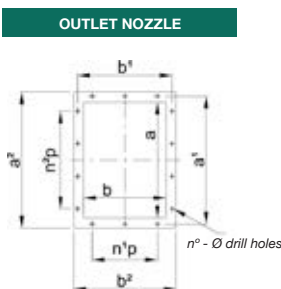
MOD.	H4	H5	H6	H7	L	M*	N	P	R*	S
MB 250	195	195	315	315	126	220	214	190	145	25
MB 280	200	200	375	375	135	290	254	230	215	25
MB 310	225	225	400	400	144	290	254	230	215	25
MB 350	255	255	450	450	155	480	350	310	400	30
MB 400	285	285	500	500	168	560	370	330	480	30
MB 450	320	320	560	560	182	560	370	330	480	30
MB 500	360	360	600	600	198	520	438	385	430	40

MOD.	R	N°	Φ	kg
MB 250	20	6	10	19
MB 280	25	6	12	30
MB 310	25	6	12	30
MB 350	25	6	14	45
MB 400	25	6	14	50
MB 450	25	6	14	55
MB 500	35	6	17	78

MOD.	n°	Φ	k	l	t	u	d <sup>1</sup>	n°v	Φv	kg	WD <sup>2</sup>
MB 250	4	10	19k6	40	21.5	6	241	8	M6	25	0.1
MB 280	4	12	24k6	50	27	8	265	8	M6	35	0.15
MB 310	4	12	24k6	50	27	8	292	8	M8	40	0.25
MB 350	4	14	28k6	60	31	8	332	8	M8	70	0.4
MB 400	4	14	38k6	80	41	10	366	8	M8	80	0.75
MB 450	4	14	38k6	80	41	10	405	8	M8	100	1.1
MB 500	4	17	42k6	110	45	12	448	12	M8	140	2.2

(<sup>1</sup>) For "HIGH TEMP." constructions in models 250 to 500, elevations "B-P" + 50 mm.  
kg = Weight of the support base

(<sup>2</sup>) For "HIGH TEMP." constructions in models 250 to 500, elevations "A-M-R" + 50 mm.  
(kg) = Weight of fan without motor.  
WD<sup>2</sup> = Moment of inertia of the impeller, expressed in kg x m<sup>2</sup>



MOD.	a	b	a <sup>1</sup>	b <sup>1</sup>	a <sup>2</sup>	b <sup>2</sup>	n°p	n°v	n°f	Φf
MB 250	205	146	241	182	275	216	1-112	1-112	8	12
MB 280	229	164	265	200	299	234	1-112	1-112	8	12
MB 310	256	183	292	219	326	253	1-112	2-112	10	12
MB 350	288	205	332	249	368	285	1-125	2-125	10	12
MB 400	322	229	366	273	402	309	1-125	2-125	10	12
MB 450	361	256	405	300	441	336	1-125	2-125	10	12
MB 500	404	288	448	332	484	368	2-125	3-125	14	12

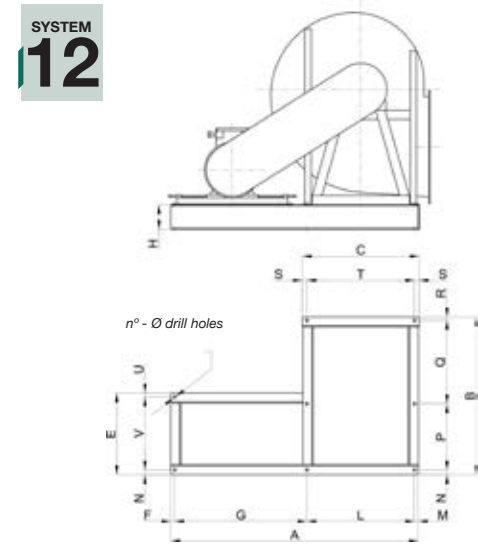
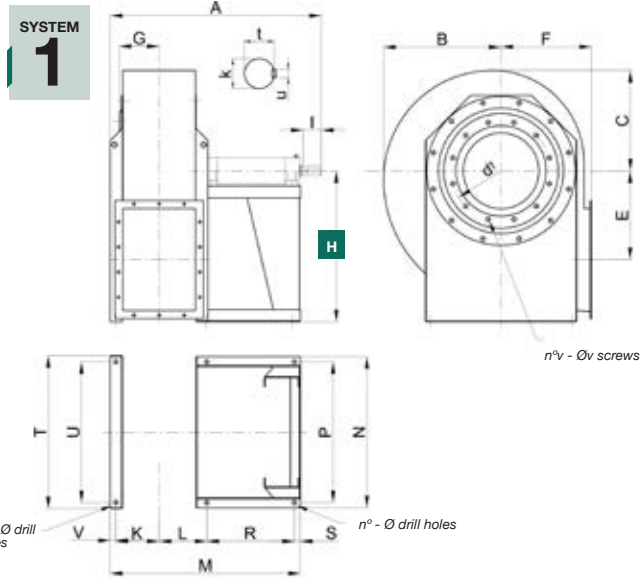
**ORIENTATIONS**

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

MB 560...630



MOD.	A*	B	C	E	F	G	H0	H1	H2
MB 560	1055	525	445	390	400	179	670	670	670
MB 630	1095	590	505	441	450	199	750	750	750

MOD.	A	B*	C	E	H	F	G	L	M	N	P*
MB 560	1415	893	690	510	160	25	735	630	25	30	430
MB 630	1610	933	760	530	160	25	860	700	25	30	430

MOD.	H3	H4	H5	H6	H7	L	K	M*	N
MB 560	670	400	400	670	670	214	196	903	683
MB 630	750	450	450	750	750	233	217	943	753

MOD.	Q	R	S	T	U	V	N <sup>°</sup>	$\Phi$	kg
MB 560	410	23	30	630	25	455	8	17	105
MB 630	450	23	30	700	25	475	8	17	115

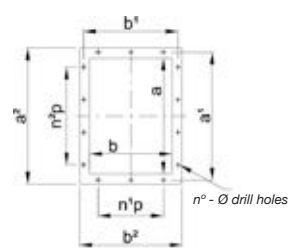
MOD.	P	R*	S	T	U	V	n <sup>°</sup>	$\Phi$	k
MB 560	630	430	40	690	630	23	4+2	17	48k6
MB 630	700	430	40	760	700	23	4+2	17	48k6

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

MOD.	l	t	u	d <sup>1</sup>	n <sup>°</sup> v	$\Phi v$	kg	WD <sup>2</sup>
MB 560	110	51.5	14	497	12	M8	170	3.8
MB 630	110	51.5	14	551	12	M8	200	5.6

(\*) For "HIGH TEMP." constructions in models 560 to 630, elevations "A-M-R" + 50 mm.  
(kg) = Weight of fan without motor.  
WD<sup>2</sup> = Moment of inertia of the impeller, expressed in kg x m<sup>2</sup>

OUTLET NOZZLE



OUTLET NOZZLE

MOD.	a	b	a'	b'	a''	b''	n <sup>°</sup> p	n <sup>°</sup> f	$\Phi f$
MB 560	453	322	497	366	533	402	2-125	3-125	14 12
MB 630	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

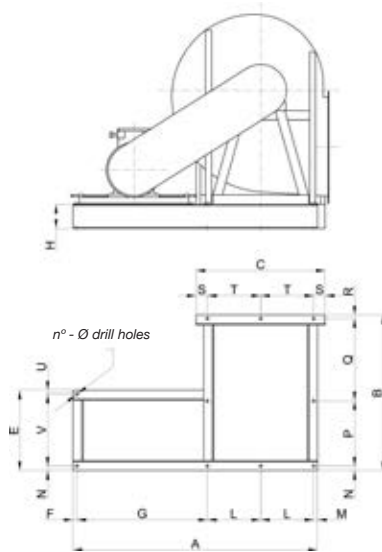
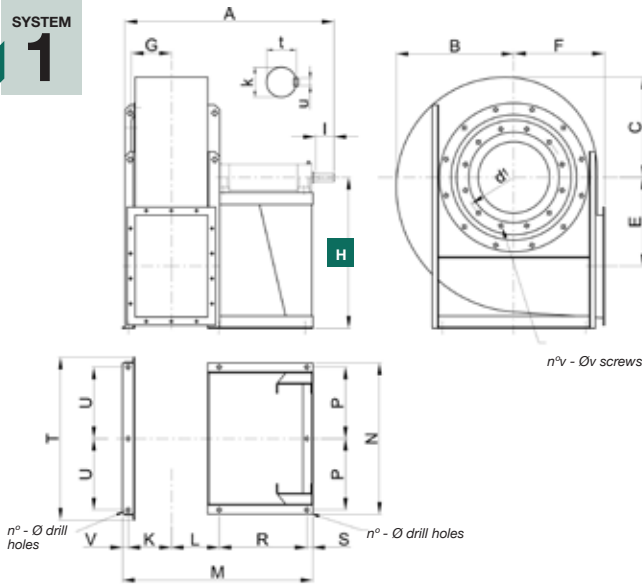
H \*The measurement of height H (distance between the ground and the axis) varies depending on the orientations

Dimensions mm

MB 710...2000

SYSTEM 12

SYSTEM 1



MOD.	A*	B	C	E	F	G	H0	H1	H2	H3
MB 710	1235	670	570	500	500	221	670	670	670	670
MB 800	1335	745	635	560	560	245	750	750	750	750
MB 900	1390	835	710	630	630	275	850	850	850	850
MB 1000	1545	930	795	710	710	306	950	950	950	950
MB 1120	1820	1045	895	800	800	340	1060	1060	1060	1060
MB 1250	1895	1175	1005	900	900	385	1180	1180	1180	1180
MB 1400	2060	1305	1115	1000	1000	430	1320	1320	1120	1120
MB 1600	2350	1535	1245	1120	1120	480	1500	1500	1250	1250
MB 1800	2530	1705	1390	1250	1250	515	1650	1550	1400	1320
MB 2000	2650	1920	1555	1400	1400	575	1850	1700	1600	1450

MOD.	H4	H5	H6	H7	L	K	M*	N	P	R*
MB 710	500	500	850	850	251	243	1078	831	385	515
MB 800	560	560	950	950	276	267	1177	921	430	565
MB 900	630	630	1060	1060	303	297	1231	1021	480	565
MB 1000	710	710	1180	1180	334	323	1353	1120	530	605
MB 1120	800	800	1320	1320	398	365	1627	1260	590	760
MB 1250	900	900	1500	1500	437	403	1704	1390	655	760
MB 1400	1000	1000	1700	1500	500	446	1840	1530	725	780
MB 1600	1120	1120	1900	1600	568	505	2117	1720	820	920
MB 1800	1250	1250	2120	1800	623	569	2226	1910	915	920
MB 2000	1400	1400	2360	2000	684	631	2379	2110	1015	920

MOD.	S	T	U	V	n°	Φ	k	l	t	u
MB 710	40	920	385	29	5+3	19	48k6	110	51.5	14
MB 800	40	1000	430	29	5+3	19	55m6	110	59	16
MB 900	40	1100	480	26	5+3	19	55m6	110	59	16
MB 1000	50	1230	530	41	5+3	19	65 m6	140	69	18
MB 1120	50	1370	590	54	5+3	24	75m6	140	79.5	20
MB 1250	50	1540	655	54	5+3	24	75m6	140	79.5	20
MB 1400	60	1690	725	54	5+3	24	80m6	170	85	22
MB 1600	60	1950	820	64	5+3	28	90m6	170	95	25
MB 1800	60	2150	915	54	5+3	28	100j6	210	106	28
MB 2000	60	2390	1015	84	5+3	28	100j6	210	106	28

MOD.	d <sup>1</sup>	n°v	Φv	kg	WD <sup>2</sup>
MB 710	629	12	M8	280	11.3
MB 800	698	12	M8	350	19.1
MB 900	775	16	M10	400	36
MB 1000	861	16	M10	520	72
MB 1120	958	16	M10	850	91
MB 1250	1067	24	M10	1050	160
MB 1400	1200	24	M10	1500	264
MB 1600	1337	24	M10	1950	476
MB 1800	1491	32	M10	2800	800
MB 2000	1663	32	M12	3500	1250

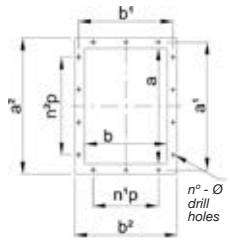
(\*) For "HIGH TEMP." constructions in models 710 to 900, elevations "A-M-R" + 50 mm.  
 (kg) = Weight of fan without motor.  
 WD<sup>2</sup> = Moment of inertia of the impeller, expressed in kg x m<sup>2</sup>

MOD.	A	B*	C	E	H	F	G	L	M	N	P*	Q
MB 710	1980	1072	920	690	180	30	1150	385	30	30	515	497
MB 800	2070	1166	1000	690	180	30	1150	430	30	30	565	543
MB 900	2200	1224	1100	750	180	30	1180	480	30	30	565	600
MB 1000	2300	1329	1230	755	180	30	1180	530	30	35	605	657
MB 1120	2470	1592	1370	830	180	35	1220	590	35	35	760	763
MB 1250	2600	1667	1540	830	180	35	1220	655	35	35	760	840
MB 1400	3150	1794	1690	990	180	35	1630	725	35	35	780	946
MB 1600	3340	2063	1950	990	180	35	1630	820	35	35	920	1073
MB 1800	3600	2185	2150	1100	180	35	1700	915	35	35	920	1192
MB 2000	3800	2309	2390	1100	180	35	1700	1015	35	35	920	1315

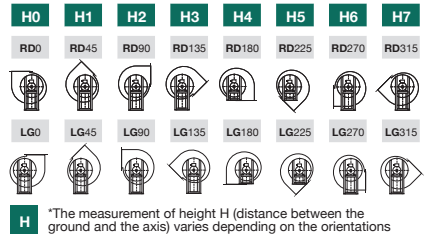
MOD.	R	S	T	U	V	N°	Φ	kg
MB 710	30	75	385	30	630	10	19	167
MB 800	28	70	430	30	630	10	19	175
MB 900	29	70	480	30	690	10	19	190
MB 1000	32	85	530	30	690	10	19	200
MB 1120	34	95	590	35	760	10	24	295
MB 1250	32	115	655	35	760	10	24	310
MB 1400	33	120	725	35	920	10	24	365
MB 1600	35	155	820	35	920	10	28	390
MB 1800	38	160	915	35	1030	10	28	475
MB 2000	39	180	1015	35	1030	10	28	500

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

OUTLET NOZZLE



ORIENTATIONS



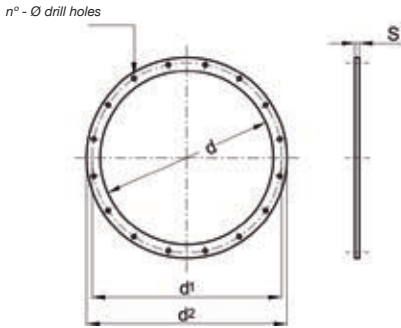
OUTLET NOZZLE

MOD.	a	b	a'	b'	a''	b''	n°p	n°p'	n°f	Φf
MB 710	569	404	629	464	669	504	2-160	3-160	14	14
MB 800	638	453	698	513	738	553	2-160	3-160	14	14
MB 900	715	507	775	567	815	607	2-160	4-160	16	14
MB 1000	801	569	871	639	921	689	2-200	3-200	14	14
MB 1120	898	638	968	708	1018	758	3-200	4-200	18	14
MB 1250	1007	715	1077	785	1127	835	3-200	4-200	18	14
MB 1400	1130	801	1210	881	1270	941	3-200	5-200	20	18
MB 1600	1267	898	1347	978	1407	1038	4-200	6-200	24	18
MB 1800	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18
MB 2000	1593	1130	1683	1220	1753	1290	5-200	7-200	28	22



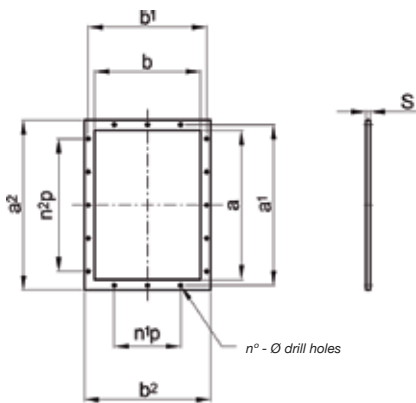
Accessories

Inlet counter-flange



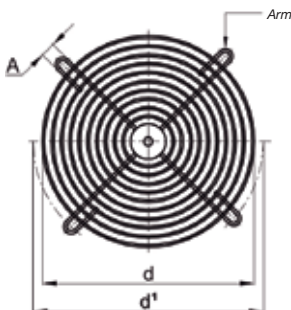
MOD.	d	d'	d''	n°	Φ	s	kg
MB 250	205	241	275	8	9	4	0.75
MB 280	229	265	299	8	9	4	0.8
MB 310	255	292	325	8	11	4	1
MB 350	286	332	366	8	11	5	1.6
MB 400	321	366	401	8	11	5	1.8
MB 450	361	405	441	8	11	5	2
MB 500	406	448	486	12	11	5	2.2
MB 560	456	497	536	12	11	5	2.5
MB 630	506	551	586	12	11	5	2.7
MB 710	568	629	668	12	11	6	4.6
MB 800	638	698	738	12	11	6	5
MB 900	718	775	818	16	13	6	5.5
MB 1000	808	861	908	16	13	6	6.2
MB 1120	908	958	1008	16	13	6	7
MB 1250	1008	1067	1108	24	13	6	7.8
MB 1400	1130	1200	1250	24	13	8	14
MB 1600	1260	1337	1380	24	13	8	15.5
MB 1800	1410	1491	1530	32	13	8	17
MB 2000	1610	1663	1730	32	15	8	19.5

Impulsion counter-flange



MOD.	a	b	a'	b'	a²	b²	n°p	n°p	n°	Φ	s	kg
MB 250	205	146	241	182	275	216	1-112	1-112	8	12	4	0.9
MB 280	229	164	265	200	299	234	1-112	1-112	8	12	4	1
MB 310	256	183	292	219	326	253	1-112	2-112	10	12	4	1.1
MB 350	288	205	332	249	368	285	1-125	2-125	10	12	5	1.8
MB 400	322	229	366	273	402	309	1-125	2-125	10	12	5	2
MB 450	361	256	405	300	441	336	1-125	2-125	10	12	5	2.2
MB 500	404	288	448	332	484	368	2-125	3-125	14	12	5	2.4
MB 560	453	322	497	366	533	402	2-125	3-125	14	12	5	2.7
MB 630	507	361	551	405	587	441	2-125	3-125	14	12	5	3
MB 710	569	404	629	464	669	504	2-160	3-160	14	14	6	5
MB 800	638	453	698	513	738	553	2-160	3-160	14	14	6	5.6
MB 900	715	507	775	567	815	607	2-160	4-160	16	14	8	6.2
MB 1000	801	569	871	639	921	689	2-200	3-200	14	14	8	11.2
MB 1120	898	638	968	708	1018	758	3-200	4-200	18	14	8	12.5
MB 1250	1007	715	1077	785	1127	835	3-200	4-200	18	14	8	14
MB 1400	1130	801	1210	881	1270	941	3-200	5-200	20	18	8	18
MB 1600	1267	898	1347	978	1407	1038	4-200	6-200	24	18	8	20
MB 1800	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18	8	22.3
MB 2000	1593	1130	1683	1220	1753	1290	5-200	7-200	28	22	8	28.5

Inlet protection net

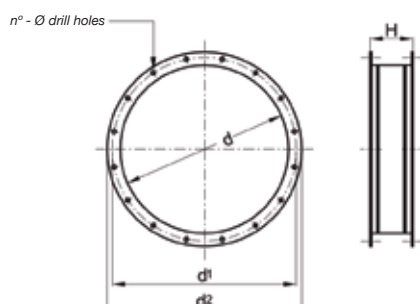


MOD.	d	d'	A	n°	kg
MB 250	205	241	9	4	0.2
MB 280	229	265	9	4	0.25
MB 310	255	292	11	4	0.3
MB 350	286	332	11	4	0.35
MB 400	321	366	11	4	0.4
MB 450	361	405	11	8	0.7
MB 500	406	448	11	8	0.8
MB 560	456	497	11	8	0.9
MB 630	506	551	11	8	1
MB 710	568	629	11	8	1.2
MB 800	638	698	11	8	1.5
MB 900	718	775	13	8	2
MB 1000	808	861	13	8	2.5
MB 1120	908	958	13	8	3
MB 1250	1008	1067	13	8	3.5
MB 1400	1130	1200	13	8	4
MB 1600	1260	1337	13	8	4.5
MB 1800	1410	1491	13	8	5
MB 2000	1610	1663	15	8	5.5



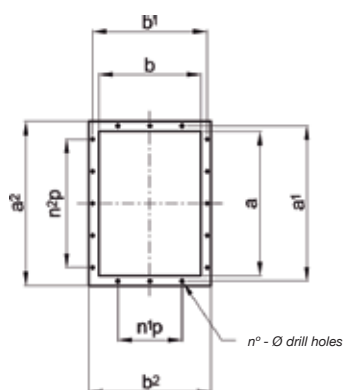
## Accessories

### Inlet anti-vibration seal



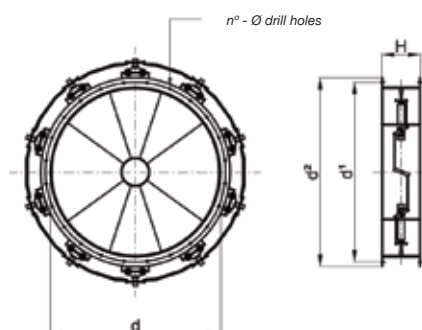
MOD.	d	d'	d''	n°	Φ	H	kg
MB 250	205	241	275	8	9	200	1.8
MB 280	229	265	299	8	9	200	2
MB 310	255	292	325	8	11	200	2.2
MB 350	286	332	366	8	11	200	3.4
MB 400	321	366	401	8	11	200	3.8
MB 450	361	405	441	8	11	200	4.2
MB 500	406	448	486	12	11	200	4.6
MB 560	456	497	536	12	11	200	5.1
MB 630	506	551	586	12	11	200	5.6
MB 710	568	629	668	12	11	200	9.4
MB 800	638	698	738	12	11	200	10.4
MB 900	718	775	818	16	13	200	11.6
MB 1000	808	861	908	16	13	200	13
MB 1120	908	958	1008	16	13	200	14.4
MB 1250	1008	1067	1108	24	13	200	16
MB 1400	1130	1200	1250	24	13	200	28.5
MB 1600	1260	1337	1380	24	13	200	31.5
MB 1800	1410	1491	1530	32	13	200	34.5
MB 2000	1610	1663	1730	32	15	200	39.5

### Impulsion anti-vibration seal



MOD.	a	b	a'	b'	a''	b''	n°p	n°p'	n°	Φ	H	kg
MB 250	205	146	241	182	275	216	1-112	1-112	8	12	200	2
MB 280	229	164	265	200	299	234	1-112	1-112	8	12	200	2.2
MB 310	256	183	292	219	326	253	1-112	2-112	10	12	200	2.4
MB 350	288	205	332	249	368	285	1-125	2-125	10	12	200	3.8
MB 400	322	229	366	273	402	309	1-125	2-125	10	12	200	4.2
MB 450	361	256	405	300	441	336	1-125	2-125	10	12	200	4.6
MB 500	404	288	448	332	484	368	2-125	3-125	14	12	200	5
MB 560	453	322	497	366	533	402	2-125	3-125	14	12	200	5.6
MB 630	507	361	551	401	587	441	2-125	3-125	14	12	200	6.2
MB 710	569	404	629	464	669	504	2-160	3-160	14	14	200	10.2
MB 800	638	453	698	513	738	553	2-160	3-160	14	14	200	11.4
MB 900	715	507	775	567	815	607	2-160	4-160	16	14	200	12.6
MB 1000	801	569	871	639	921	689	2-200	3-200	14	14	200	23
MB 1120	898	638	968	708	1018	758	3-200	4-200	18	14	200	25.5
MB 1250	1007	715	1077	785	1127	835	3-200	4-200	18	14	200	28.5
MB 1400	1130	801	1210	881	1270	941	3-200	5-200	20	18	200	37
MB 1600	1267	898	1347	978	1407	1038	4-200	6-200	24	18	200	41
MB 1800	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18	200	45.5
MB 2000	1593	1130	1683	1220	1753	1290	5-200	7-200	28	22	200	58

### Flow regulator at the inlet

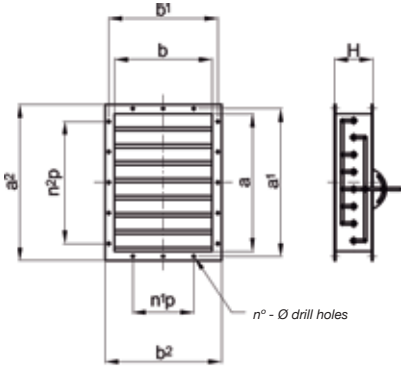


MOD.	d	d'	d''	n°	Φ	H	kg
MB 400	321	366	401	8	11	200	24
MB 450	361	405	441	8	11	250	26
MB 500	406	448	486	12	11	250	30
MB 560	456	497	536	12	11	250	32
MB 630	506	551	586	12	11	250	45
MB 710	568	629	668	12	11	250	50
MB 800	638	698	738	12	11	300	58
MB 900	718	775	818	16	13	300	68
MB 1000	808	861	908	16	13	350	87
MB 1120	908	958	1008	16	13	350	102
MB 1250	1008	1067	1108	24	13	350	120
MB 1400	1130	1200	1250	24	13	400	150
MB 1600	1260	1337	1380	24	13	400	170
MB 1800	1410	1491	1530	32	13	400	190
MB 2000	1610	1663	1730	32	15	450	220



Accessories

Opposite facing fin type damper

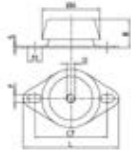


MOD.	a	b	a <sup>1</sup>	b <sup>1</sup>	a <sup>2</sup>	b <sup>2</sup>	n <sup>1</sup> p	n <sup>2</sup> p	n <sup>0</sup>	Φ	H (1)	H (2)	kg (1)	kg (2)
MB 400	322	229	366	273	402	309	1-125	2-125	10	12	220	250	11	12
MB 450	361	256	405	300	441	336	1-125	2-125	10	12	220	250	14	15
MB 500	404	288	448	332	484	368	2-125	3-125	14	12	220	250	18	19
MB 560	453	322	497	366	533	402	2-125	3-125	14	12	220	250	21	22
MB 630	507	361	551	405	587	441	2-125	3-125	14	12	220	250	24	25
MB 710	569	404	629	464	669	504	2-160	3-160	14	14	220	250	28	29
MB 800	638	453	698	513	738	553	2-160	3-160	14	14	220	250	32	33
MB 900	715	507	775	567	815	607	2-160	4-160	16	14	220	250	36	38
MB 1000	801	569	871	639	921	689	2-200	3-200	14	14	220	250	44	46
MB 1120	898	638	968	708	1018	758	3-200	4-200	18	14	220	250	50	52
MB 1250	1007	715	1077	785	1127	835	3-200	4-200	18	14	220	250	55	58
MB 1400	1130	801	1210	881	1270	941	3-200	5-200	20	18	220	250	81	84
MB 1600	1267	898	1347	978	1407	1038	4-200	6-200	24	18	220	250	92	96
MB 1800	1421	1007	1501	1087	1561	1147	4-200	6-200	24	18	220	250	105	110
MB 2000	1593	1130	1683	1220	1753	1290	5-200	7-200	28	22	220	250	140	145

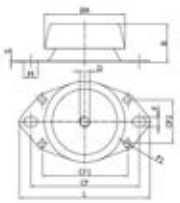
(1) Up to 300 mm H<sub>2</sub>O  
(2) Above 300 mm H<sub>2</sub>O

Shock-absorbers

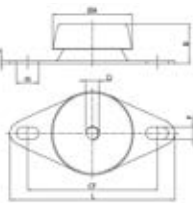
TYPE 1



TYPE 2



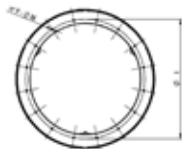
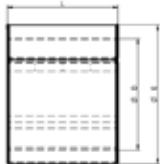
TYPE 3



SHOCK-ABSORBERS MODEL

MOD.	SHOCK-ABSORBERS MODEL	TYPE	αA	B	D	CF	CF1	CF2	F	αF1	L	M	S
MB-250	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-280	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-310	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-350	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-400	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-450	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-500	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-560	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-630	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-710	CF 623110	1	67	33...34	10	76.5	-	-	9	-	90.5	16	2
MB-800	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
MB-900	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
MB-1000	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
MB-1120	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
MB-1250	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
MB-1400	CF 924512	2	92	44...45	12	120	98	50	10.5	8.5	130	15.5	2.5
MB-1600	CF 1204516	3	92	45	26,5	149,5			14		190	16	3,5
MB-1800	CF 1204516	3	92	45	26,5	149,5			14		190	16	3,5
MB-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