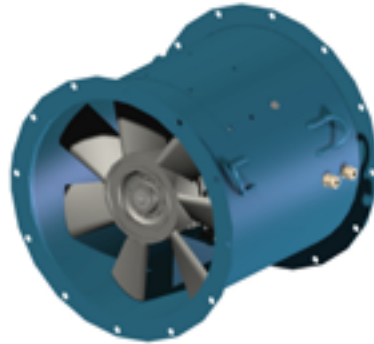




# AXIAL FANS & VANEAXIAL FANS

TYPE  
MPV



## APPLICATIONS

Typical application for this fan is mechanical ventilation of cargo rooms, engine room a.o. Where you have transportation of big air volumes at relative small pressure drops. In duct, or duct-top mounted.

### MPV-A1

For low volumes and moderate pressure drops up to high volumes and low pressure drops. Preferably where system resistance are on the inlet end, i.e. in normal exhaust, of the ventilation system. Care should be taken when installed in systems where the resistance is at the exhaust end, particularly if this occurs shortly after the fan. The resulting whirl can increase the resistance to a multiple of the computed values.

### MPV-D1

For low volumes and moderate pressure drops up to high volumes and average pressure drops. Preferably where system resistance are at the exhaust end. HVAC, air circulation and exhaust system. With D impeller with various pitch angles to suit specified capacities and pressures. The blades are also adjustable at rest. With type D impeller, the fan will also be equipped with guide vanes. The MPV - can be delivered in the range **from size no 260 to size no 1600.**

## DESIGN

Long experience has contributed to a simple construction, with the propeller mounted directly to the motor shaft, combining the best of simplicity and reliability with the lowest possible price. Also tailor made solutions to meet customers specification, like spark proof design.

## EXECUTION

Normally manufactured in Grade A ship steel hot dip galvanized. Other materials as sea water resistant aluminium or stainless steel on request.

The MPV - are supplied in many executions of different types of material.

### IMPELLER

The impeller is made of salt- and ammonia resistant aluminium, aerodynamically shaped and balanced, or made of plastic (Polyamide). It is performed in two types.

Type A: Cast in one unit

### ELECTRIC MOTOR

The fans are usually supplied with standard squirrel caged inductive electric motors. They may also be supplied with other types of electric motors, like explosion proof or 2-speed motors.

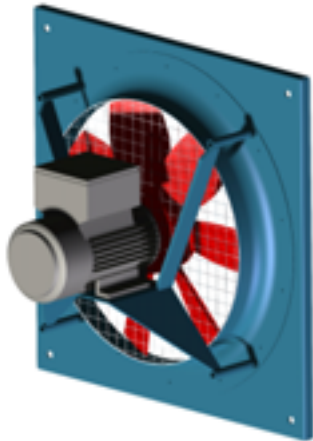
## ACCESSORIES

- Contra flanges
- Protection grid inlet/outlet (included for MPV – E and MPV – B)
- Feet for horizontal-/vertical mounting
- Flexible connection set (inlet/outlet)
- External terminal box
- Ex – execution with anti-spark track
- Vibration dampers

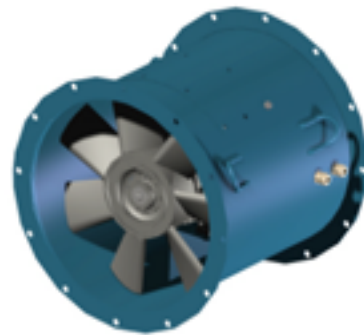


## AXIAL FANS

MPV - A1B



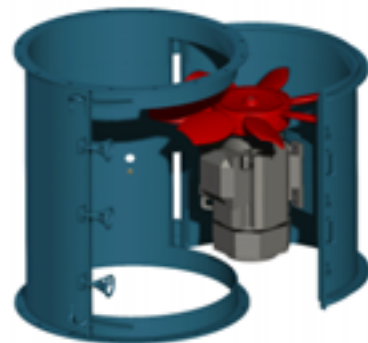
MPV - A1K



MPV - A1E



MPV - A1M



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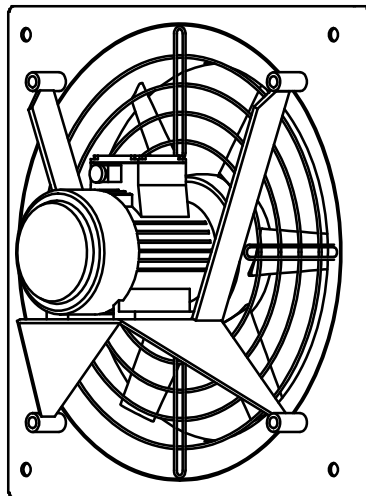
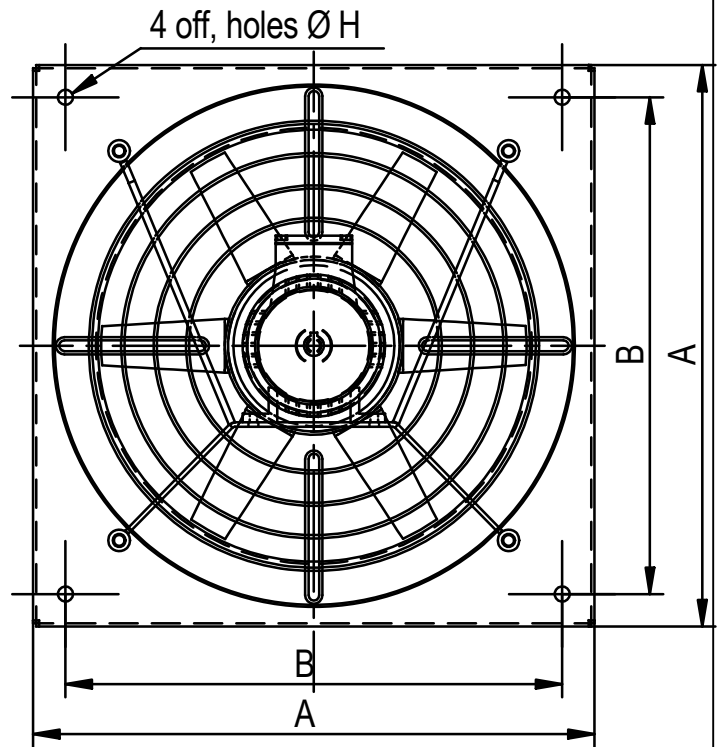
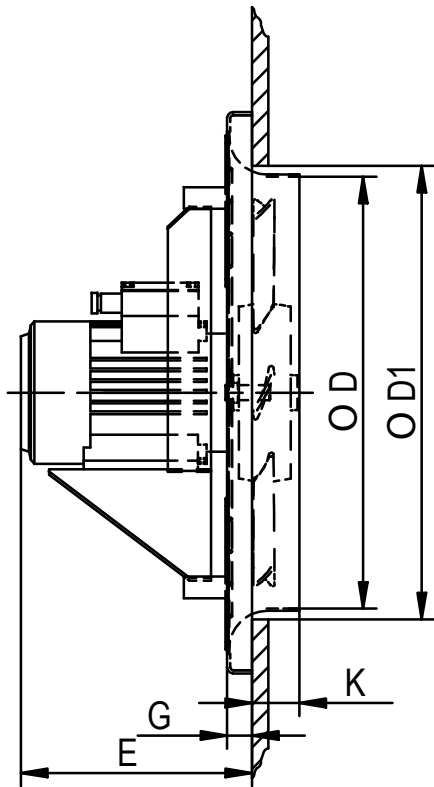


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# NYBORG AXIAL FLOW FAN Type "B"

## MPV - A1B



MPV	A	B	Ø D	Ø D1	E	K	G	Ø H	Weight [kg] ex cl. motor
250	340	285	250	280	180	40	15	10	
315	400	350	315	320	200	45	15	10	
355	460	410	355	370	210	45	15	10	
400	520	460	400	420	220	45	20	14	
450	570	510	450	470	250	45	20	14	
500	650	580	500	520	210	70	20	14	
550	700	630	550	570	220	70	20	14	
630	800	720	630	650	235	80	20	14	
710	870	800	710	730	260	115	25	14	
800	970	900	800	830	360	115	25	18	
900	1080	980	900	930	400	122	28	18	
1000	1180	1100	1000	1030	440	151	34	18	
1120	1300	1200	1120	1140	650	151	34	18	

### GENERAL DESCRIPTION :

AXIAL FLOW FAN, MPV-A1B, is a medium pressure axial fan, designed for static pressure up to 1000 Pa. The MPV-A1B is made in heavy duty design, for industry, mining, marine and offshore applications. Ex-execution is also available.

FAN FRAME and MOTOR PEDESTAL are normally made of steel (st.37), and are hot dipped galvanized. Other materials are also available as options like AISI 316L or Alum.

The IMPELLER is designed for high efficiency and low noise. The impeller is made of a salt- and amoniareisitive aluminium alloy or PAG.

WIRE GUARD: Included.

MOTOR : The fans are normally delivered with 3-phased motors in accordance with the IEC recommendations, or special motors on request, like ex-motors.

4-2218

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15/11-02



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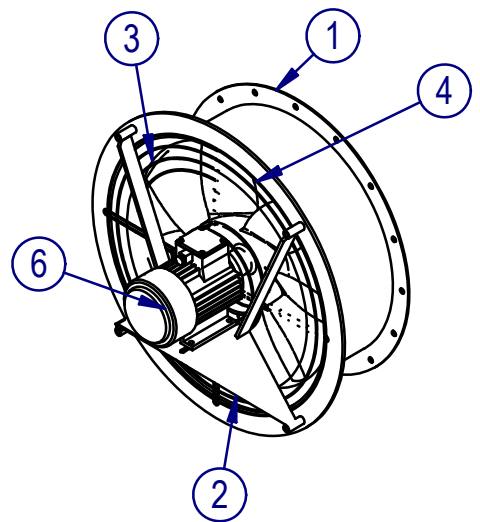
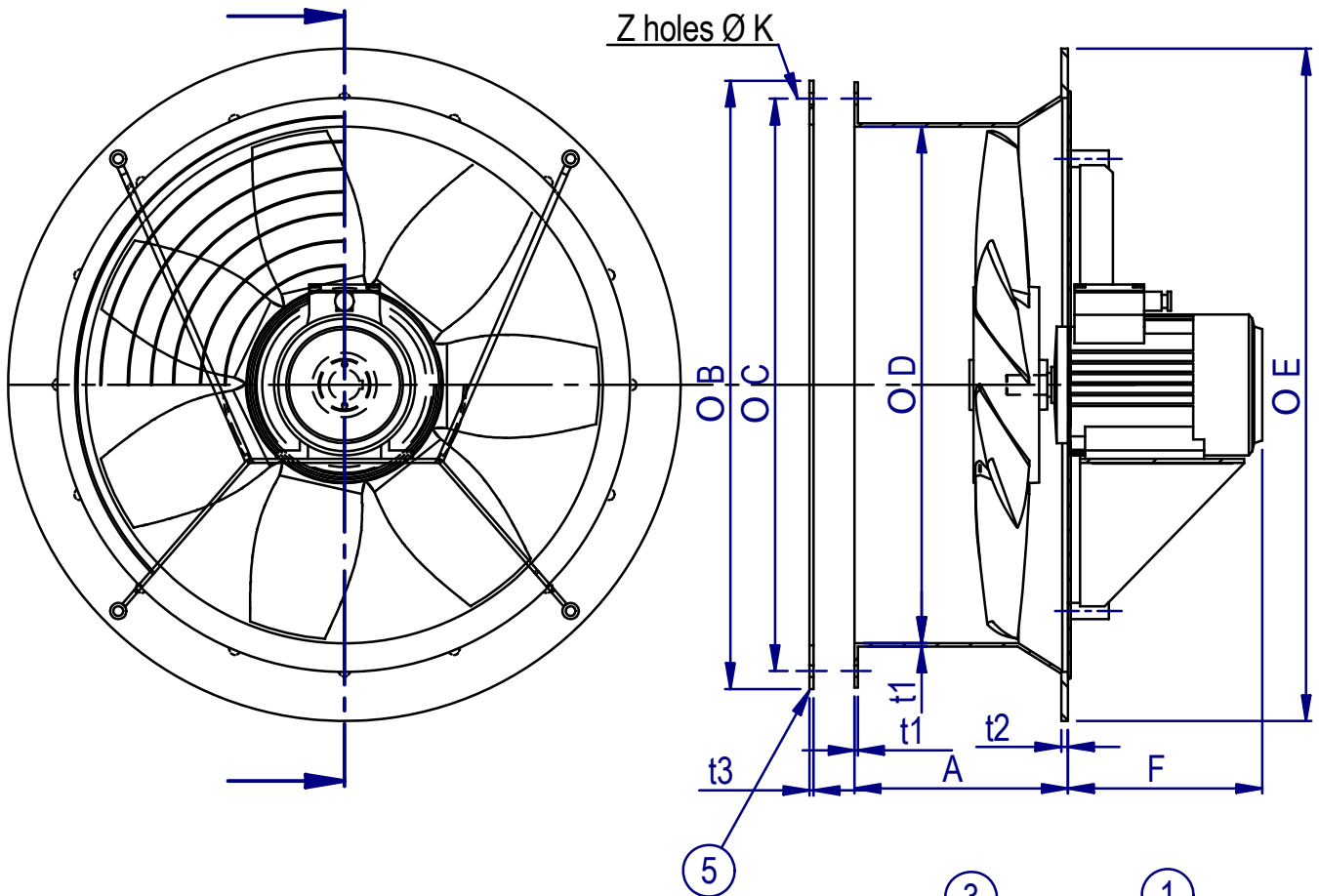
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## MPV - A1B



# NYBORG AXIAL FLOW FAN Type "E"

**MPV - A1E**



MPV	A	B	C	Ø D	Ø E	F	Z x K	t1	t2	t3	Max weight fan [kg]
250	202	334	310	250	430		8x 12	3	6	5	15
315	194	400	360	315	430		8x 14	3	6	5	17
355	195	440	405	355	485		8x 14	3	6	8	19
400	198	484	460	400	530		12x 14	3	6	8	24
450	215	534	510	450	595		12x 14	4	6	8	27
500	250	584	560	500	660		12x 14	4	6	8	36
630	260	736	698	630	820		16x 14	4	8	8	51
710	320	816	775	710	900		16x 14	4	8	8	73
800	320	906	870	800	990		16x 19	4	8	8	85
900	320	1028	980	900	1110		16x 19	4	8	10	112
1000	400	1128	1080	1000	1275		20x 19	6	8	10	186
1120	420	1248	1200	1120	1405		20x 19	6	10	12	232
1250	520	1380	1320	1250	1550		24x 14	6	10	12	
1400	520	1530	1490	1400	1740		32x 19	6	10	12	

6	E.Motor, min IP54, IEC std		
5	Contra Flange	St.37	Option
4	Wire Guard	St.37/HDG	
3	Impeller	Alum./PAG	
2	Motor Bracket	St.37/HDG	
1	Fan Housing	St.37/HDG	
Item	Description	Material	Remarks

4-2239

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18/11-02



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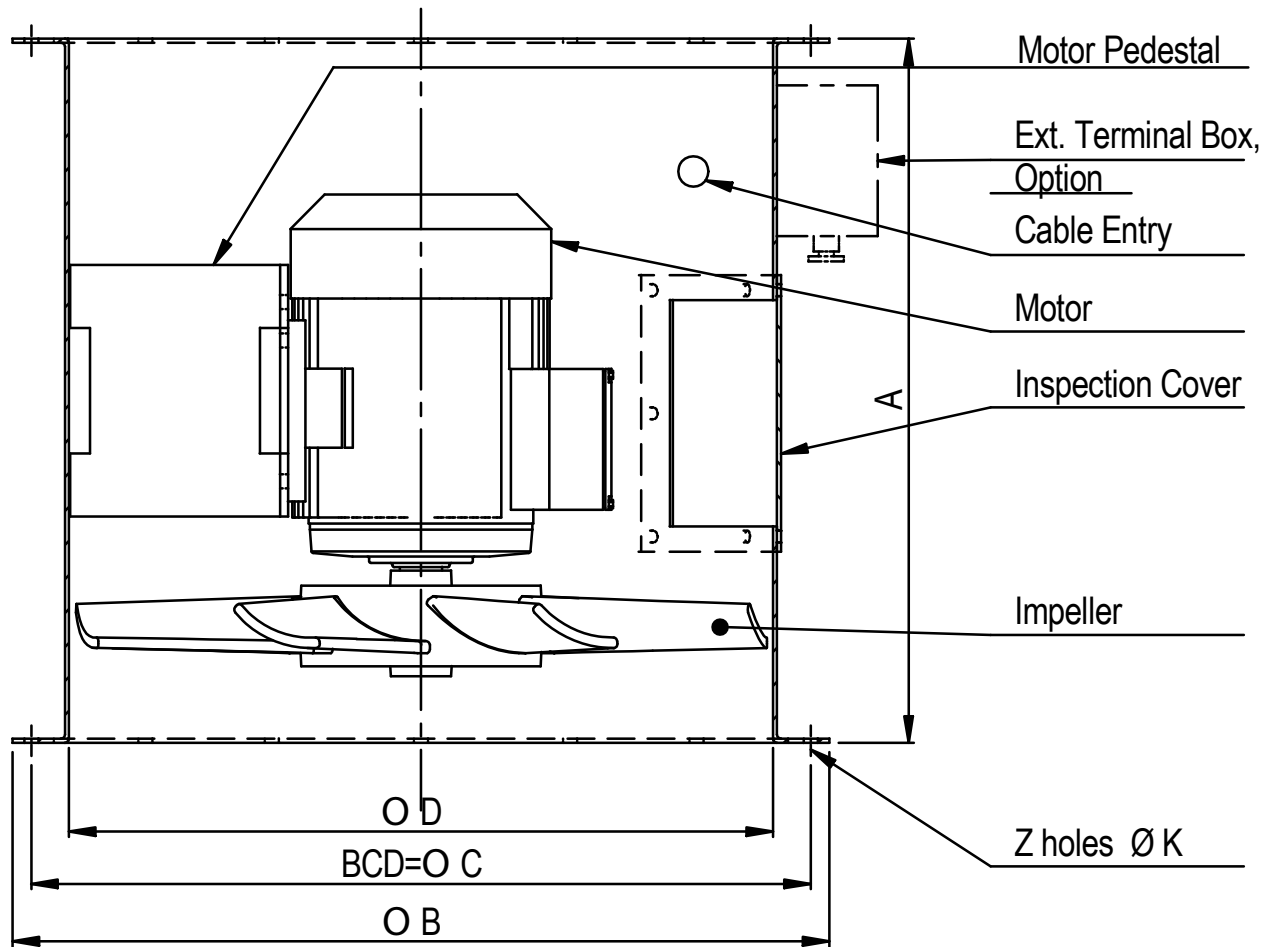
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**MPV - A1E**

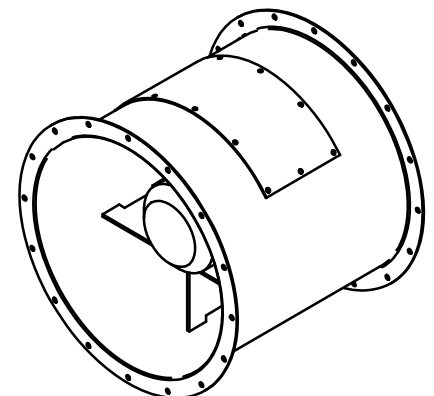


# NYBORG AXIAL FLOW FAN Type "K"

**MPV - A1K**



MPV	A	B	C	D	T	Z x K	Weight [kg] ex cl. motor
250	330	334	310	250	3	8x12	10
315	360	400	360	315	3	8x14	12
355	420	440	405	355	3	8x14	17
400	420	484	460	400	3	12x14	19
450	500	534	510	450	3	12x14	26
500	500	584	560	500	3	12x14	30
630	630	736	698	630	4	16x14	58
710	700	816	775	710	4	16x14	76
800	750	906	870	800	5	16x19	150
900	800	1028	980	900	5	16x19	190
1000	890	1128	1080	1000	6	20x19	230
1120	1000	1248	1200	1120	6	20x19	290
1250	1000	1380	1320	1250	6	24x14	330
1400	1300	1530	1490	1400	6	32x19	420



4-2227

04/04-02

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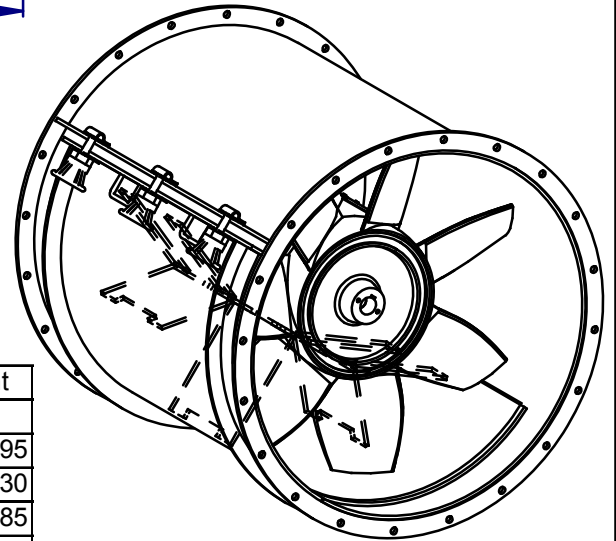
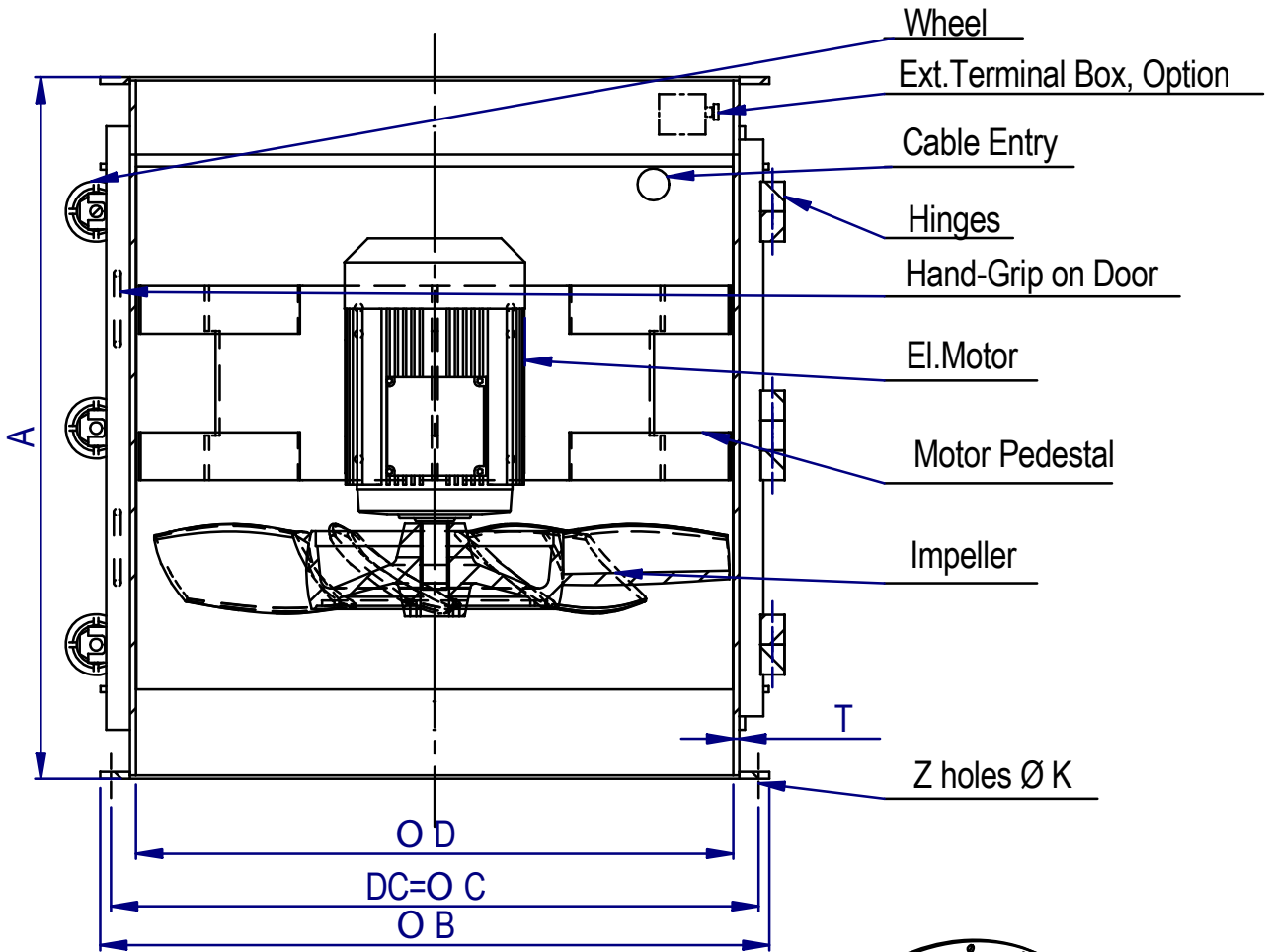
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**MPV - A1K**



# NYBORG AXIAL FLOW FAN Type "M"

**MPV - A1M**



MPV	A	B	C	D	T	Z x K	Weight
400	550	484	460	400	10	12x14	95
500	600	584	560	500	10	12x14	130
630	685	736	698	630	10	16x14	185
710	825	816	775	710	10	16x14	261
800	890	906	870	800	10	16x19	303
900	1175	1028	980	900	10	16x19	434
1000	1175	1128	1080	1000	10	20x19	476
1120	1250	1248	1200	1120	10	20x19	598
1250	1400	1380	1320	1250	10	24x14	675
1400	1500	1530	1490	1400	10	32x19	750

4-2231

13/12-02  
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**MPV - A1M**



## SOUND POWER LEVELS (SWL) CALC. NYBORG AXIAL- FLOW FANS

50Hz

FAN DATA			dB values at centre Hz									Theor
FAN MODEL	Rpm	Impeller	63	125	250	500	1000	2000	4000	8000	dB(A)	
MPV 250 A	1450	A6T/24	55	62	59	64	65	61	57	55	58	
MPV 250 A	2900	A6T/24	60	79	71	77	79	75	72	70	74	
MPV 315 A	1450	315/6/35	58	66	62	66	69	65	60	59	62	
MPV 315 A	2900	315/6/30	64	83	75	81	83	79	76	74	78	
MPV 355 A	1450	355/6/35	57	65	63	65	67	63	59	57	64	
MPV 355 A	2900	355/8/35	67	86	78	84	86	82	79	77	81	
MPV 400 A	1450	400/8/35	68	65	66	68	69	66	61	57	68	
MPV 400 A	2900	400/8/35	69	88	80	86	88	84	82	79	84	
MPV 500 A	1450	500/8/35	75	72	73	75	76	73	68	64	74	
MPV 500 A	2900	500/10/30	75	94	86	92	94	90	88	85	92	
MPV 630 A	1450	A7T/22	81	78	79	81	82	79	74	70	79	
MPV 710 A	1450	A7T/24	85	82	83	85	86	83	78	75	86	
MPV 800 A	1450	A7T/22	88	85	96	88	89	86	82	78	88	
MPV 900 A	1450	A7T/22	91	90	92	92	93	90	85	81	92	
MPV 1000 A	950	A7T/21	83	85	83	85	87	84	78	74	86	
MPV 1000 A	1450	A7T/21	95	93	86	95	96	94	88	84	95	
MPV 1120 A	950	A7L/16	88	90	88	90	92	89	83	79	91	
MPV 1120 A	1450	A7L/16	98	96	96	98	99	96	91	87	98	
MPV 1250 A	950	A7L/16	92	94	92	93	95	92	86	82	94	
MPV 1250 A	1450	A7L/16	101	98	99	101	102	99	94	90	101	

- Sound power levels in dB. ref. 10<sup>-12</sup> W, internal values in fan openings.
- dBA values applies to 1 m. distance based on a theoretical free field environment.
- The sound power level values above are only intended as a guide, and may be used for calculations for sound pressure levels. (heard by the human ear).



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# SOUND POWER LEVELS (SWL) CALC. NYBORG AXIAL- FLOW FANS

60Hz

FAN DATA			dB values at centre Hz								Theor
FAN MODEL	Rpm	Impeller	63	125	250	500	1000	2000	4000	8000	dBA
MPV 250 A	1750	A6T/24	55	63	62	67	67	63	59	57	60
MPV 250 A	3500	A6T/24	77	77	79	82	83	80	77	66	74
MPV 315 A	1750	315/6/35	58	66	62	66	69	65	60	59	64
MPV 315 A	3500	315/6/30	84	84	85	88	87	88	82	74	80
MPV 355 A	1750	355/6/35	60	68	64	68	70	66	62	60	66
MPV 355 A	3500	355/8/35	59	85	76	84	86	82	81	79	83
MPV 400 A	1750	400/8/35	63	71	67	71	73	69	65	63	70
MPV 400 A	3500	400/8/35	63	89	80	88	90	86	85	83	86
MPV 500 A	1750	500/8/35	69	77	73	77	79	75	71	69	76
MPV 500 A	3500	500/10/30	70	96	87	95	97	93	92	90	94
MPV 630 A	1750	A7T/22	76	84	80	84	86	82	78	76	81
MPV 710 A	1750	A7T/24	78	90	86	90	92	88	84	82	88
MPV 800 A	1750	A7T/22	85	93	89	93	95	91	87	85	91
MPV 900 A	1750	A7T/22	89	93	92	96	98	94	90	88	94
MPV 1000 A	1150	A7T/21	89	88	88	90	93	88	82	82	89
MPV 1000 A	1750	A7T/21	90	98	94	98	100	96	92	90	98
MPV 1120 A	1150	A7L/16	95	94	94	96	98	94	88	84	95
MPV 1120 A	1750	A7L/16	93	101	97	101	103	99	95	93	101
MPV 1250 A	1150	A7L/16	97	96	96	98	100	96	90	86	98
MPV 1250 A	1750	A7L/16	98	105	101	105	98	93	99	97	105

- Sound power levels in dB. ref. 10<sup>-12</sup> W, internal values in fan openings.
- dBA values applies to 1 m. distance based on a theoretical free field environment.
- The sound power level values above are only intended as a guide, and may be used for calculations for sound pressure levels. (heard by the human ear).



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# GALVANIZE SPECIFICATION STEEL FANS

Step No	Description	Thickness	Type	Manufacturer
1	Cleaning	-	Nitric acid	-
2	Galvanizing	80 my	Zn	-



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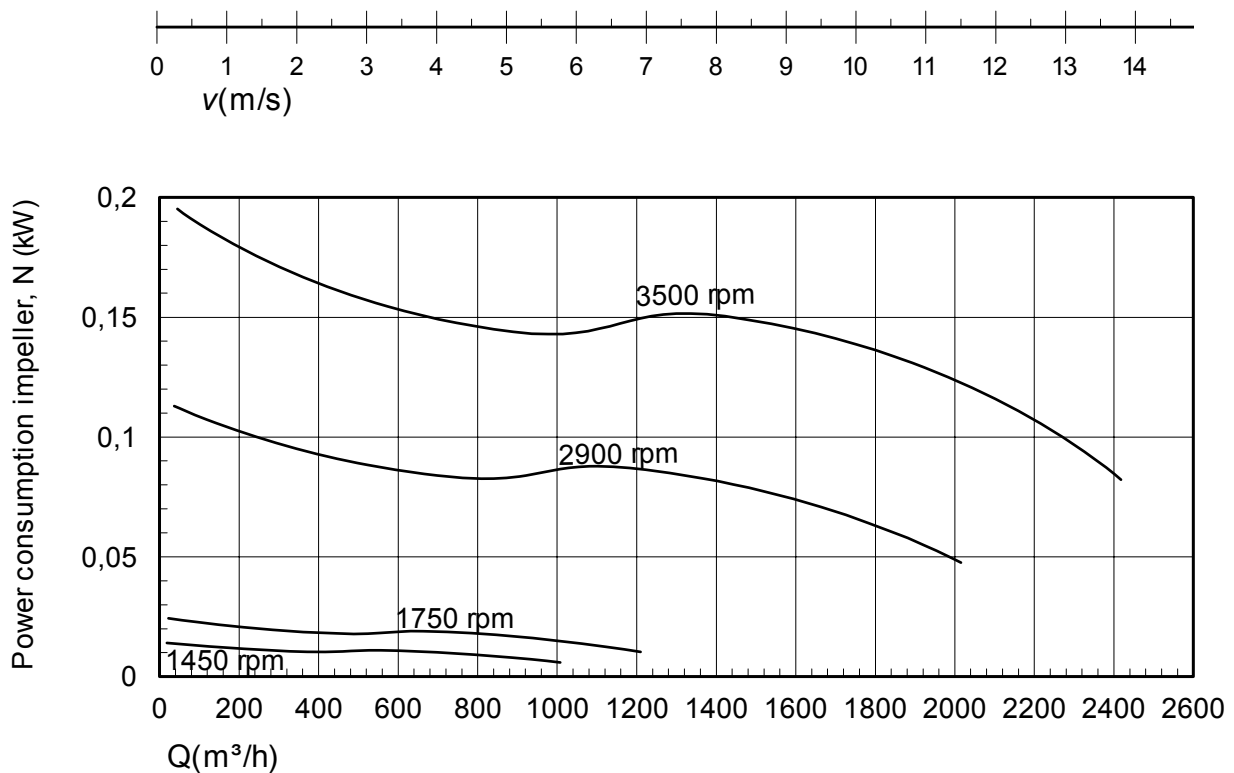
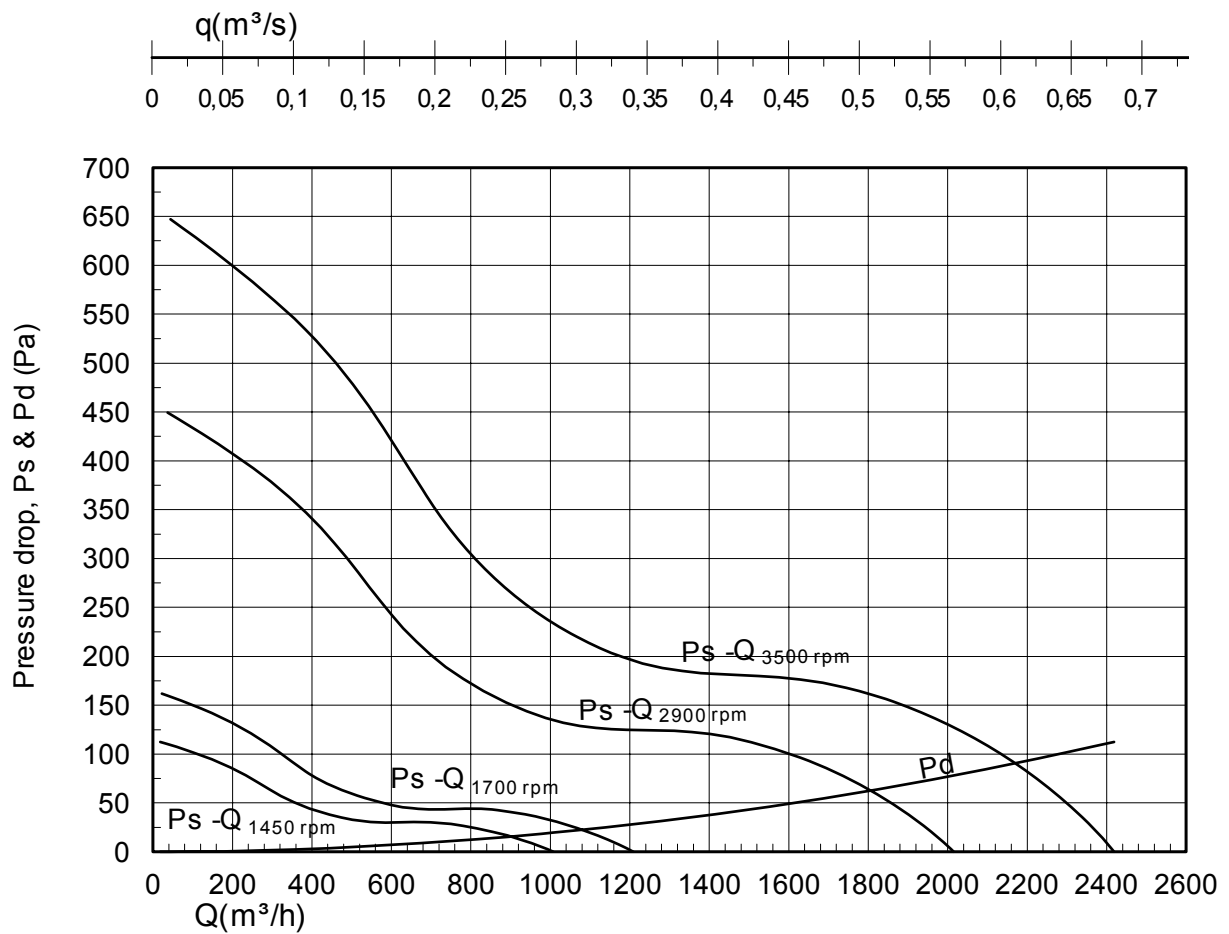
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# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 250 A**

Imp: A6T / 24



nyborg12.prs/32



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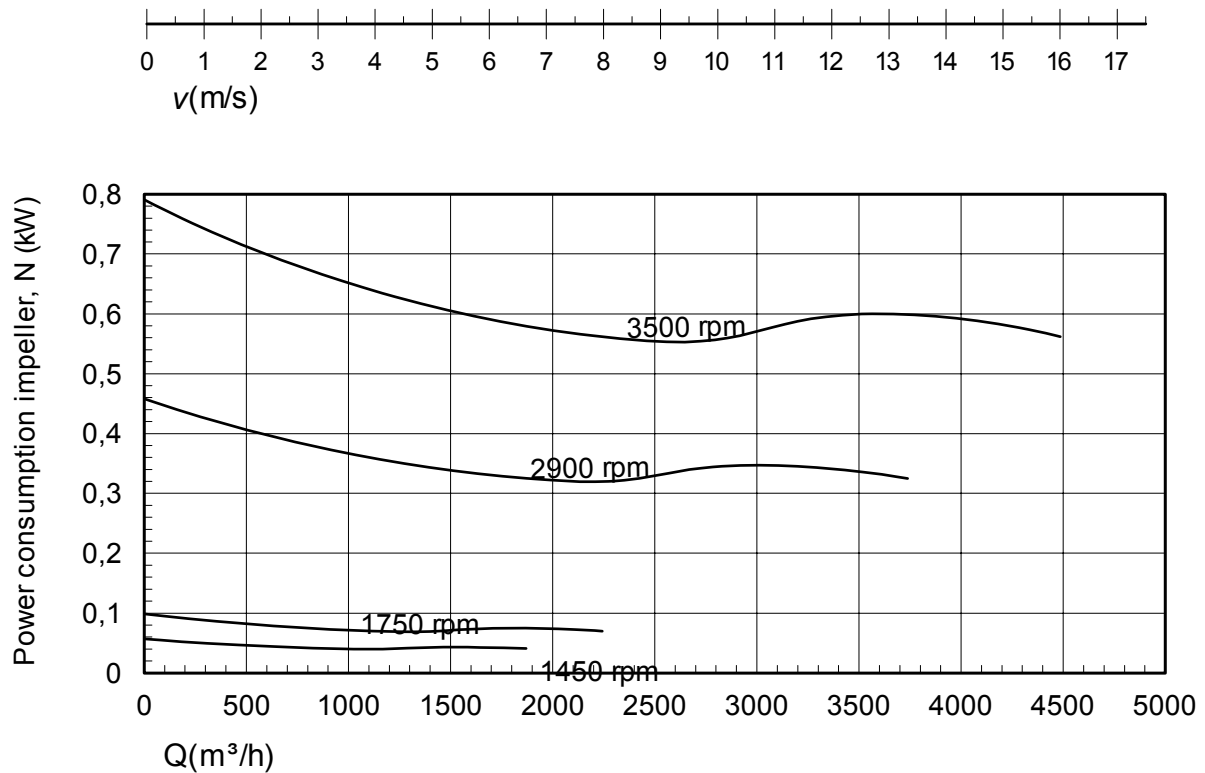
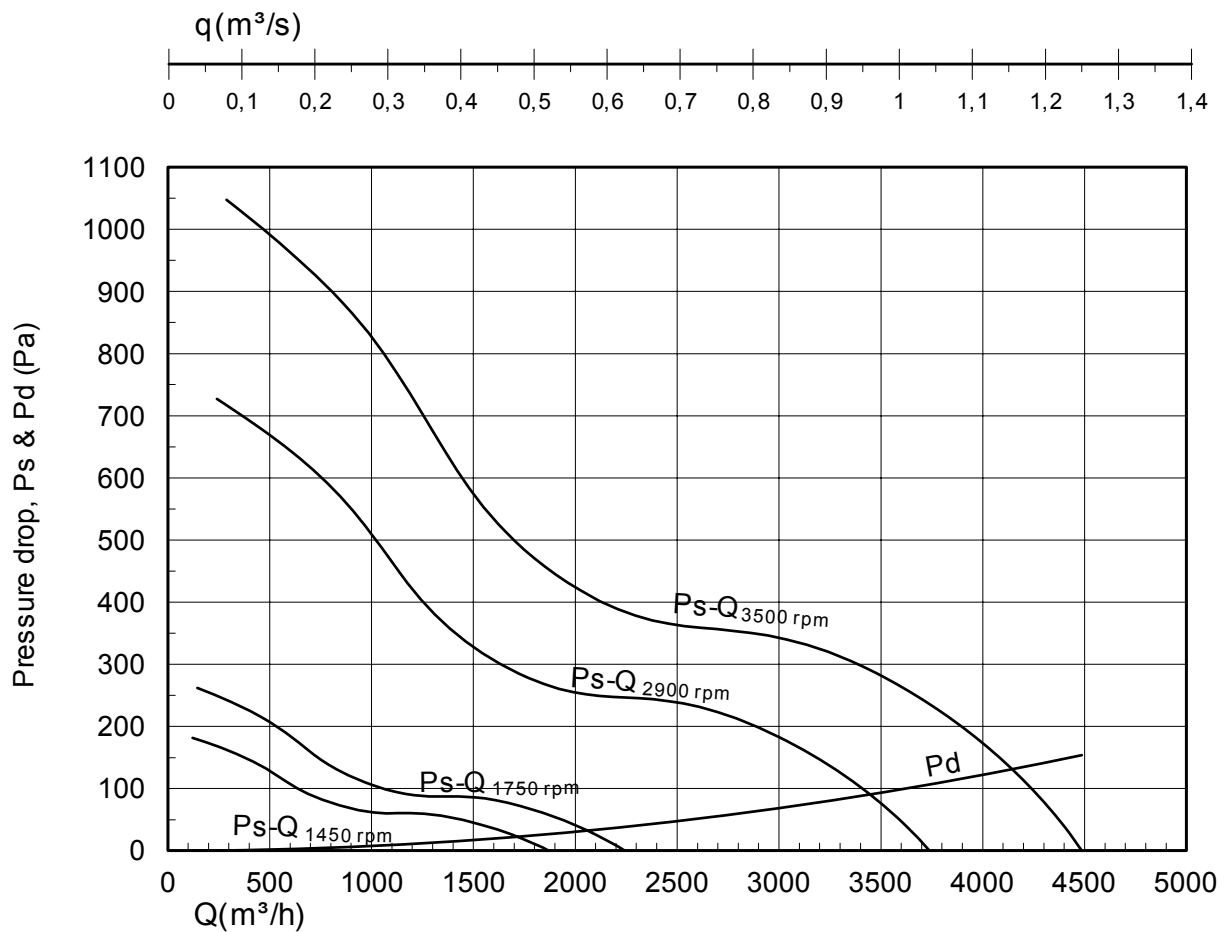
**MPV 250 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 315 A**

Imp: A6T / 24

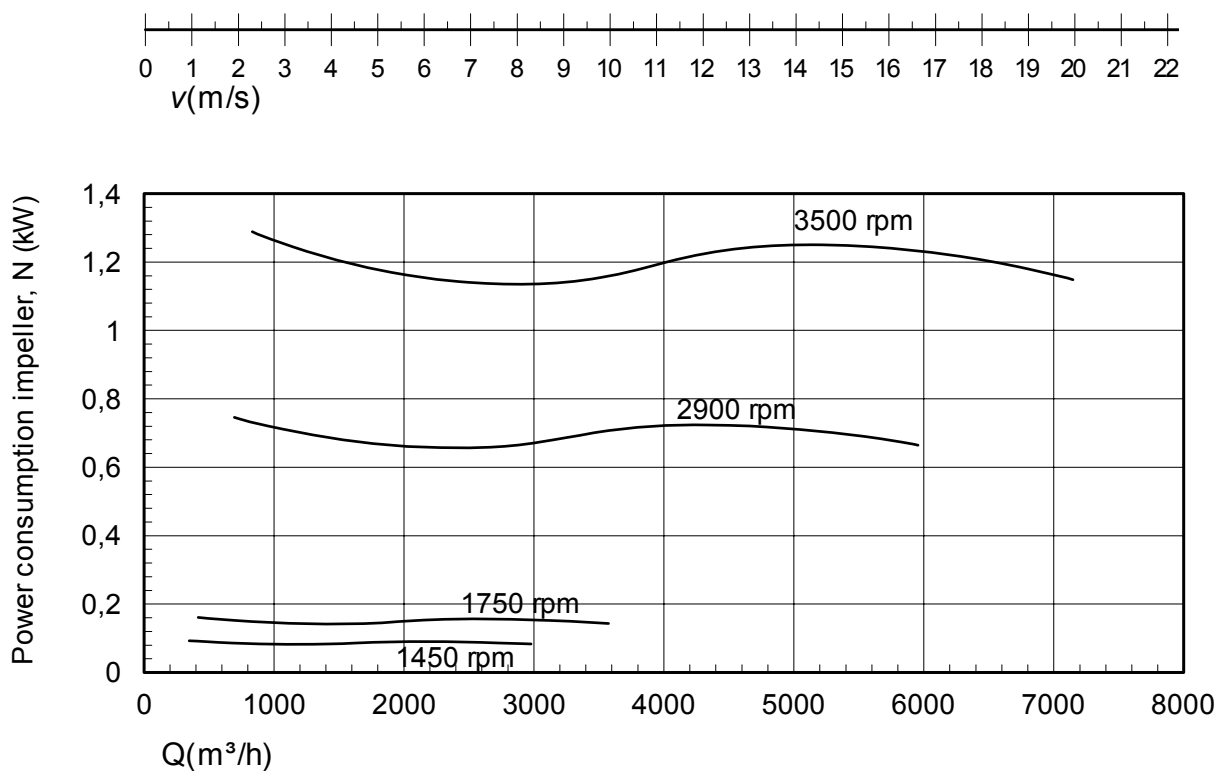
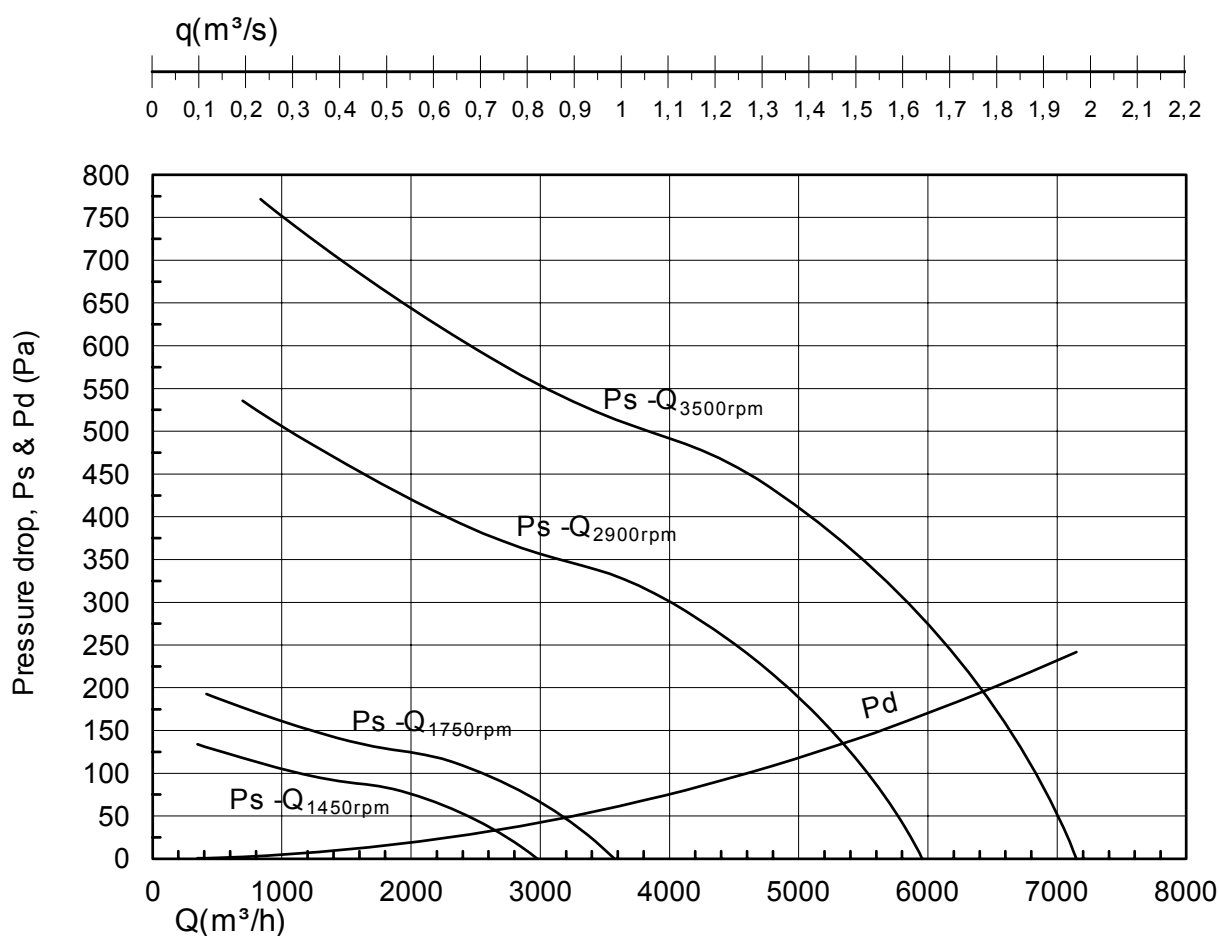




# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 355 A**

Imp: A6T / 22



nyborg12.prs/27



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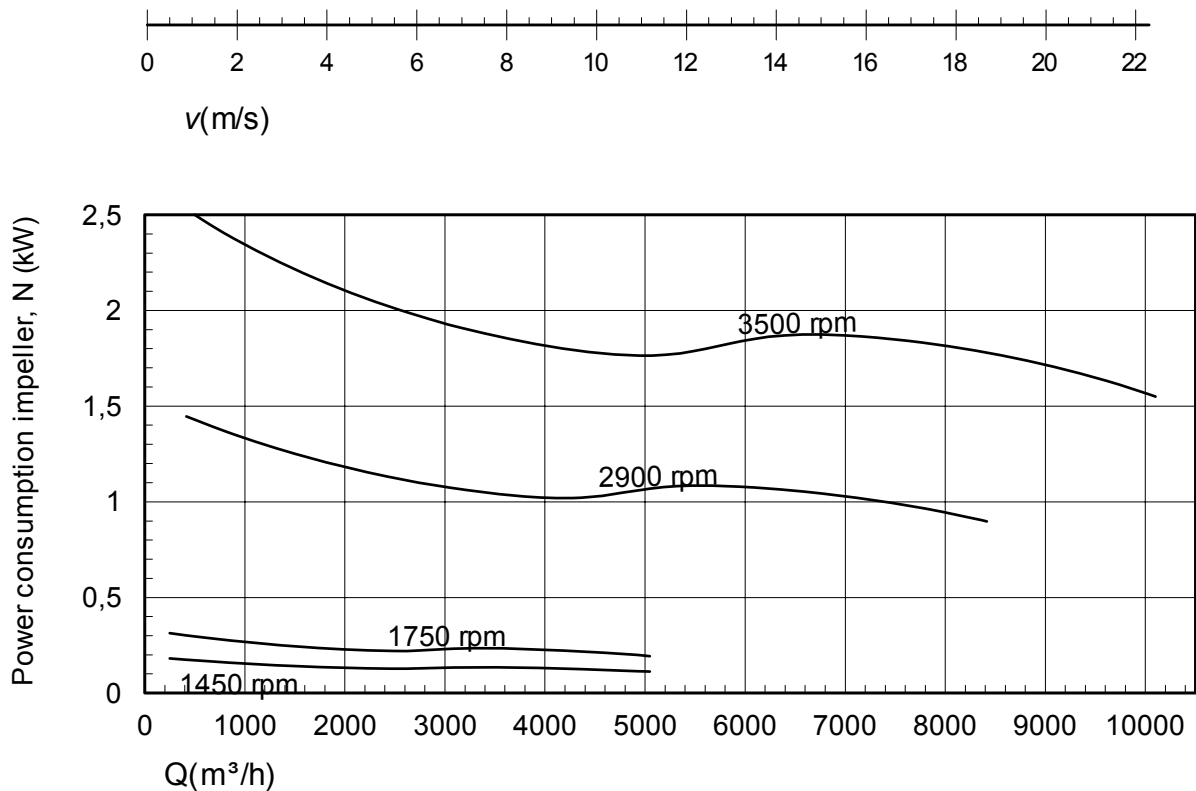
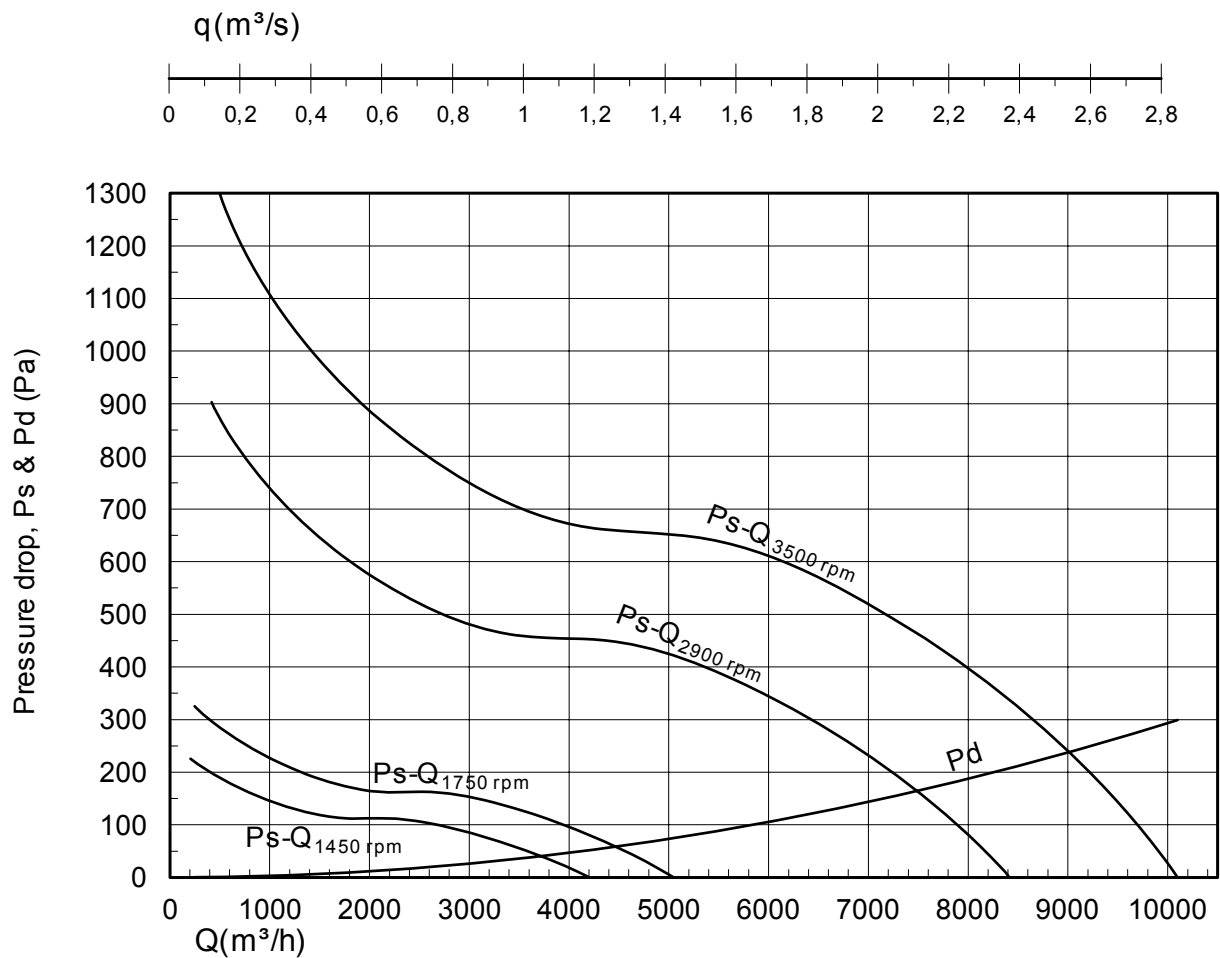
**MPV 355 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 400 A**

Imp: A7L / 13



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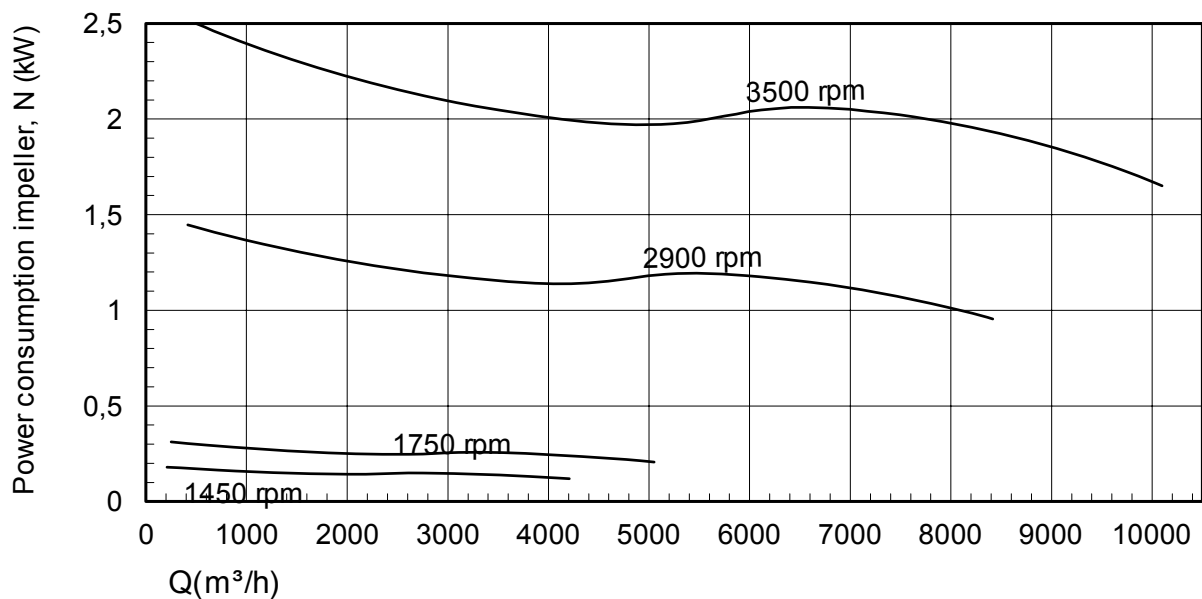
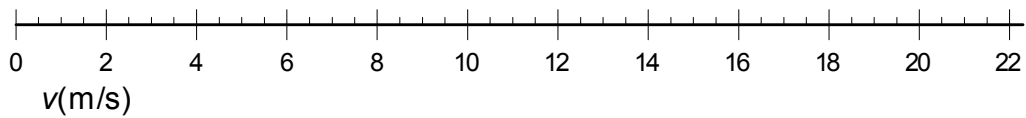
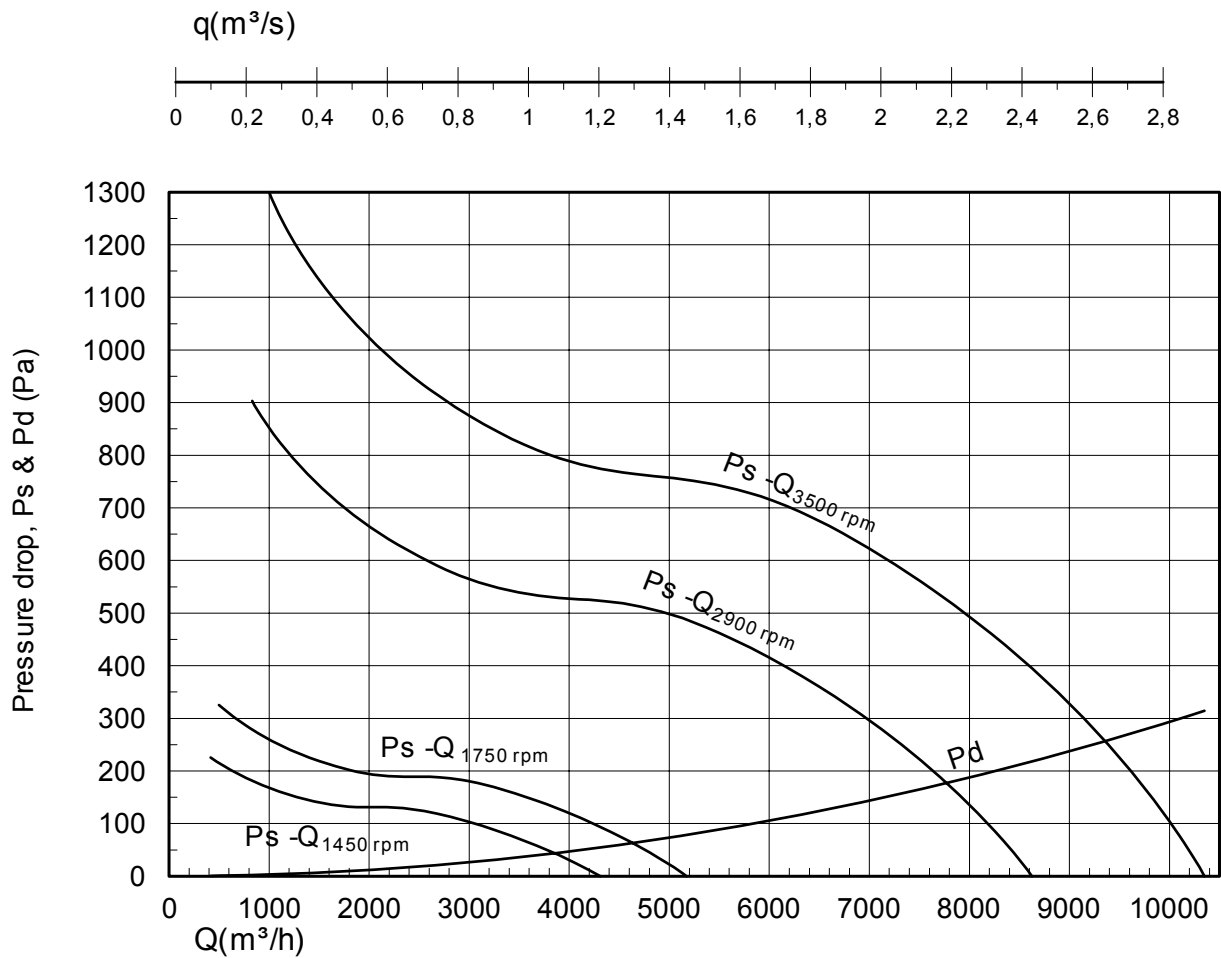
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**MPV 400 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 400 A**  
Imp: A7T / 22



nyborg12.prs/38



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office@nyborgfan.com  
www.nyborgfan.com

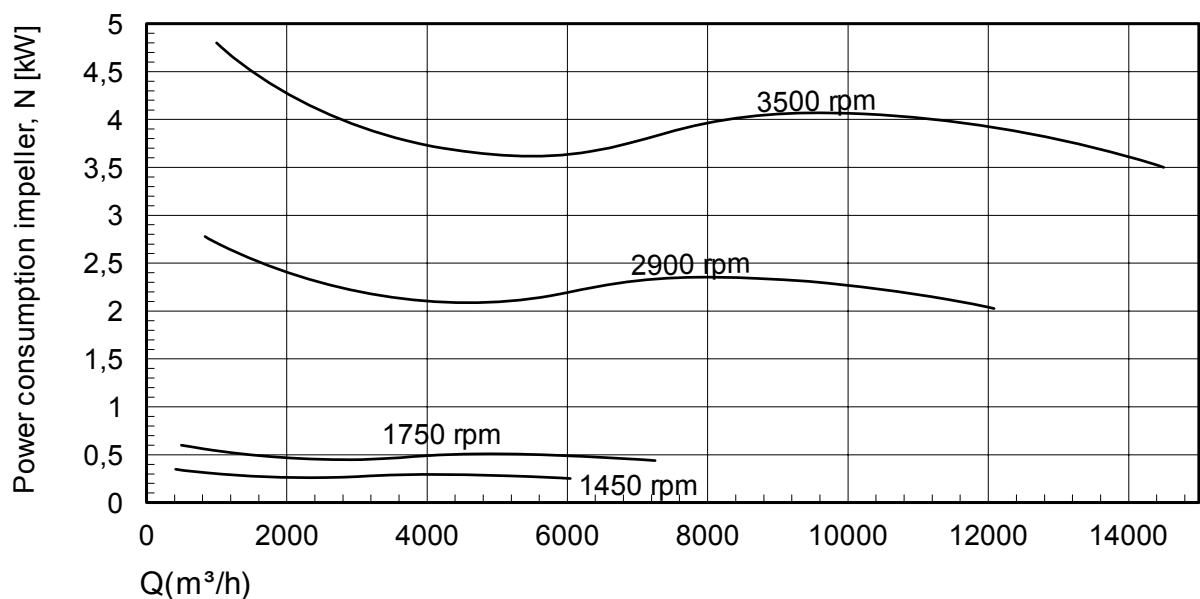
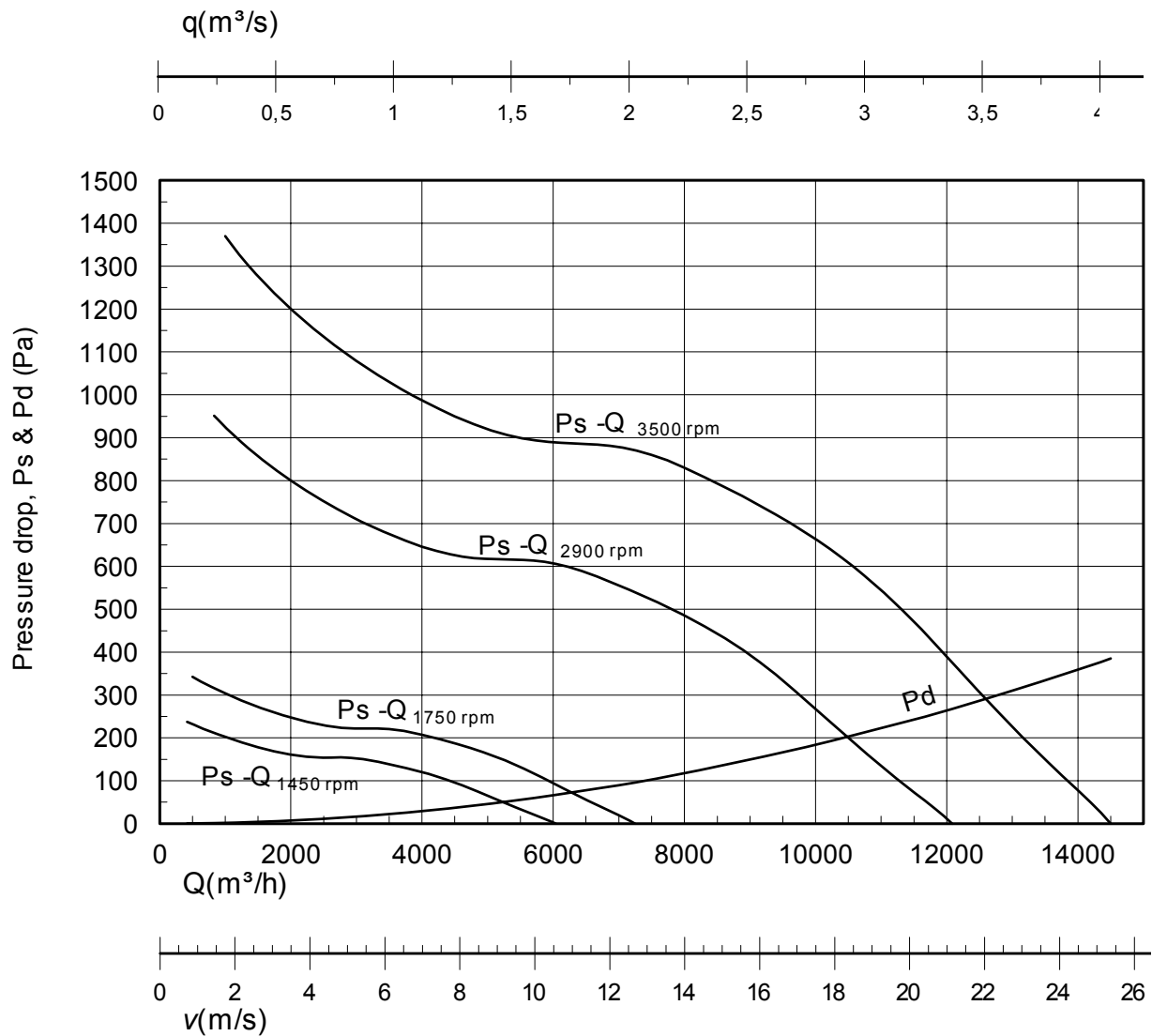
**MPV 400 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 450 A**

Imp: A7L / 14



nyborg12.prs/35



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N-6230 Sykkylven, Norway  
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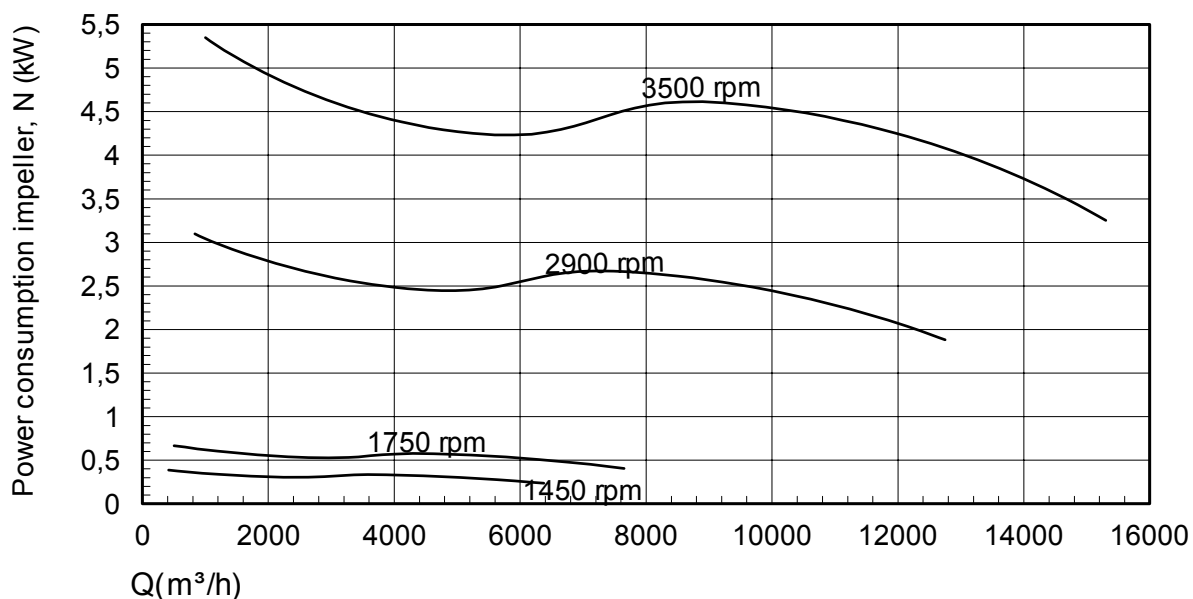
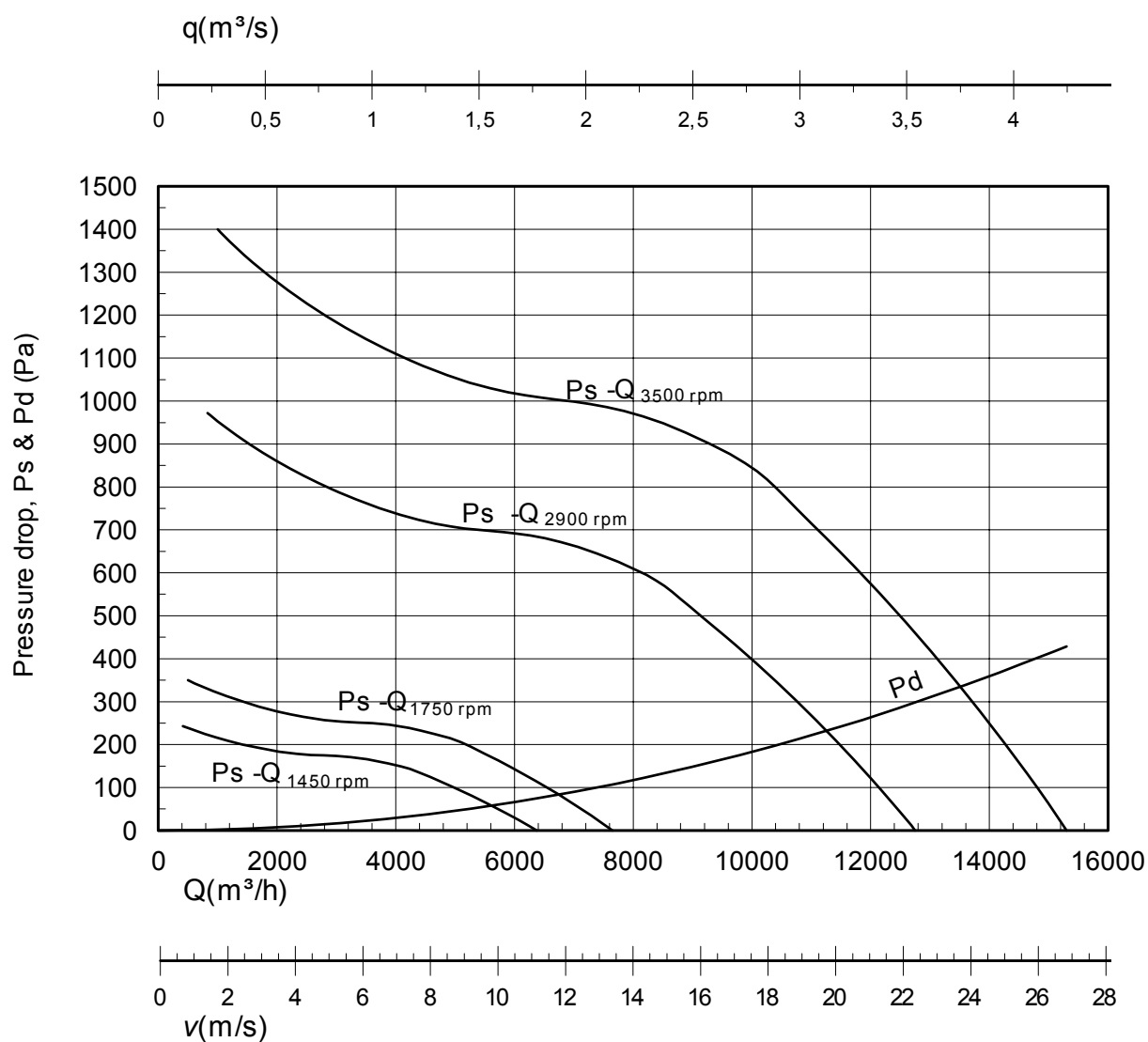
**MPV 450 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 450 A**

Imp: A7T / 22



nyborg12.prs/33



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**MPV 450 A**

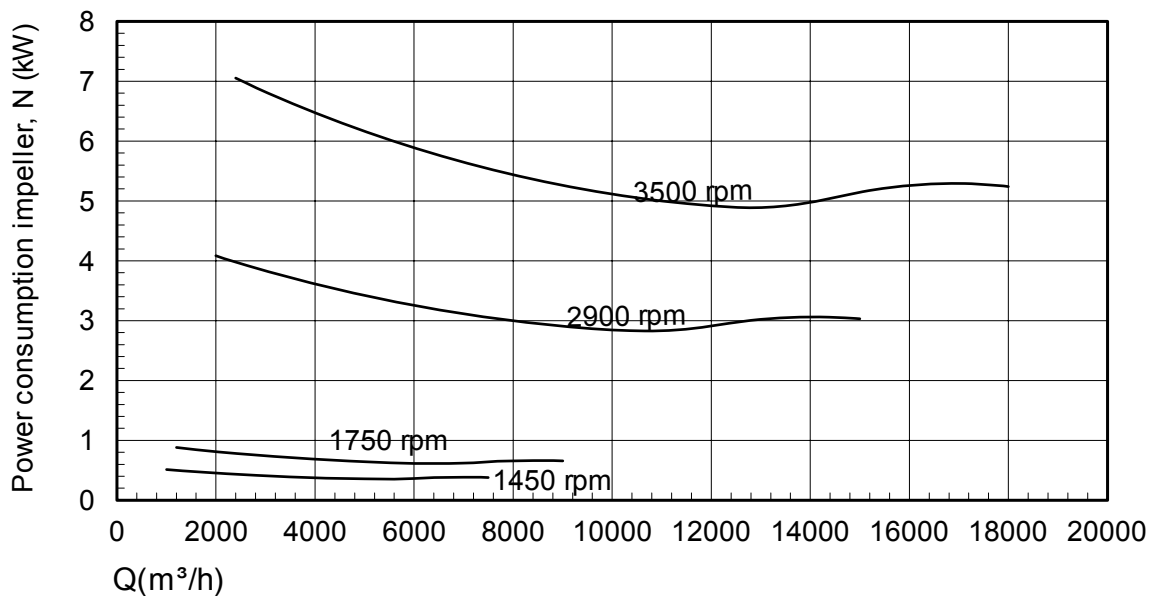
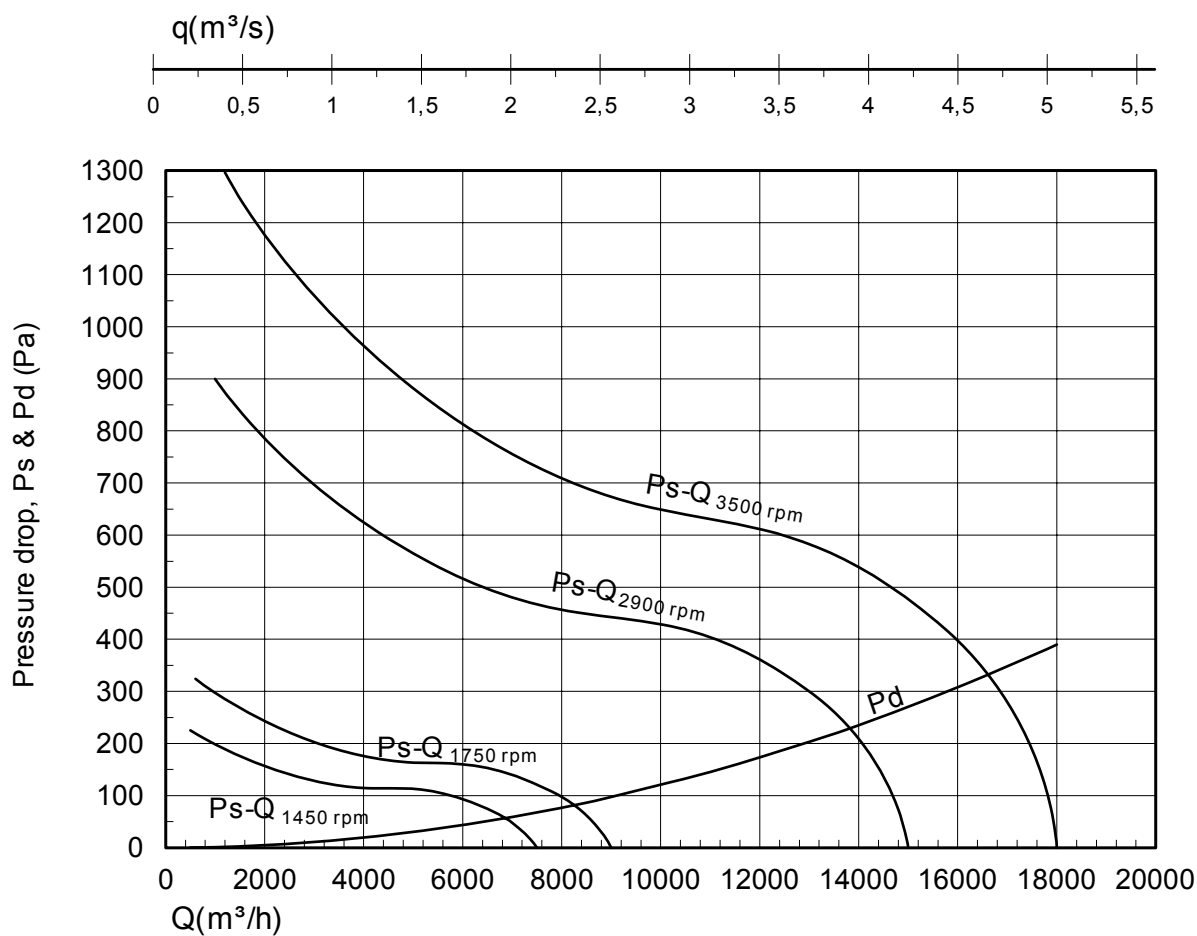




# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 500 A**

Imp: A7L / 16

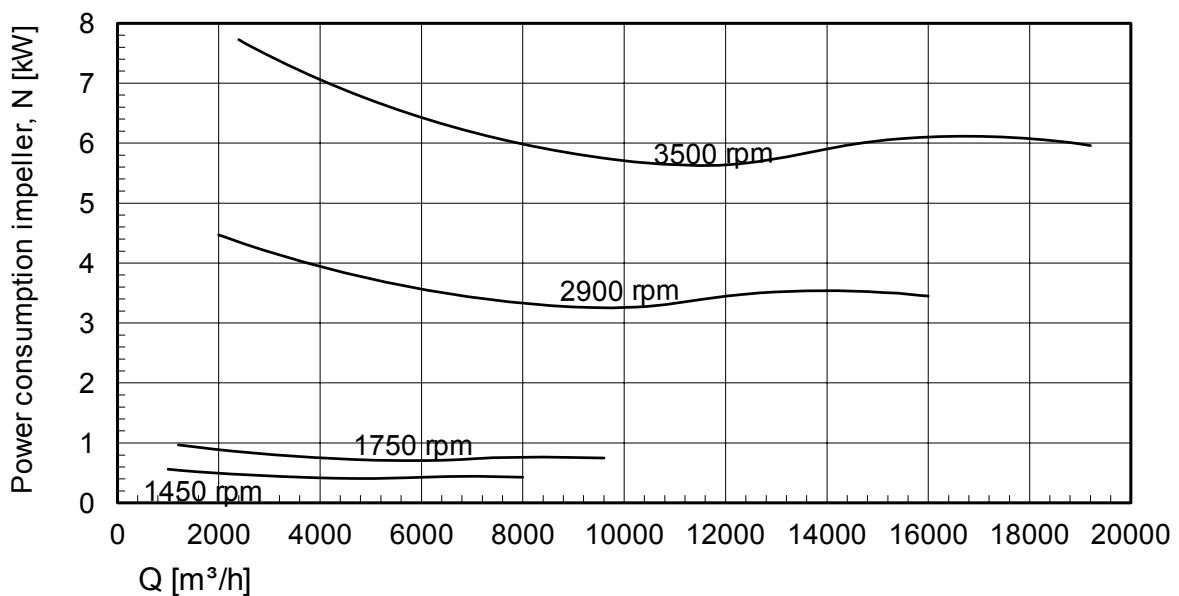
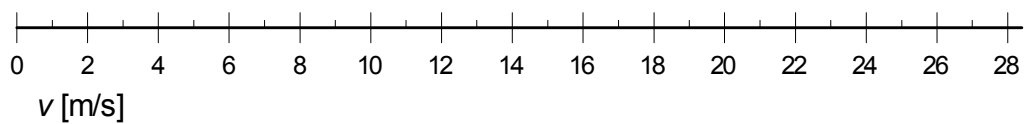
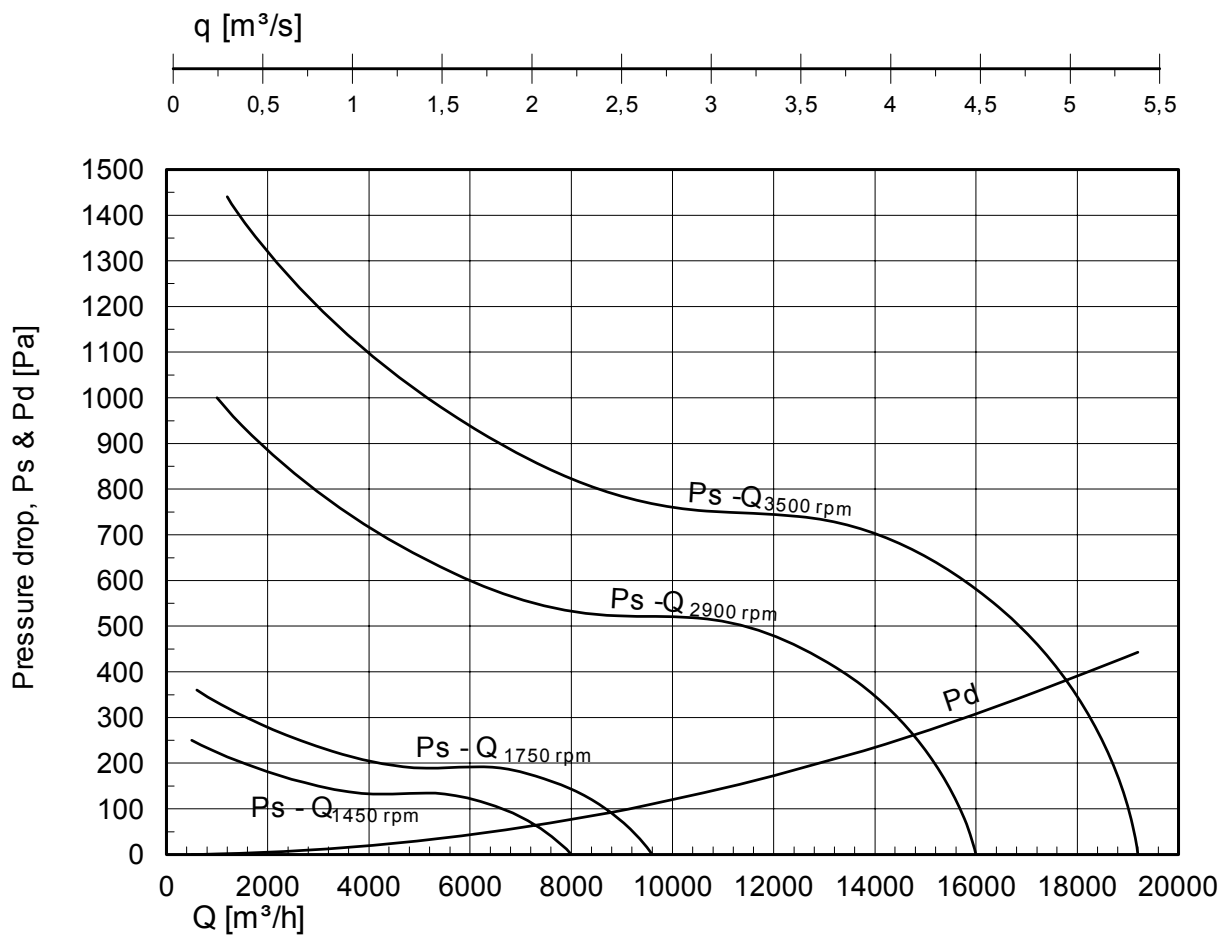




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**MPV 500 A**

Imp: A7T / 22

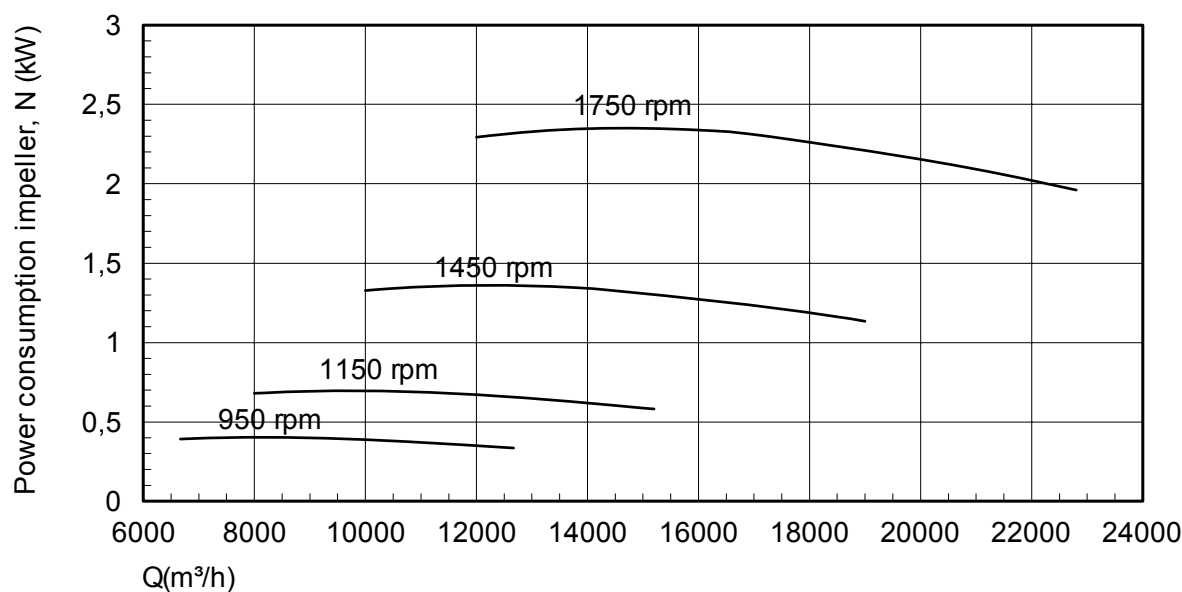
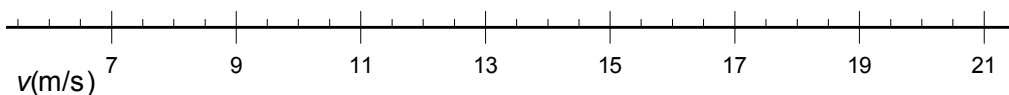
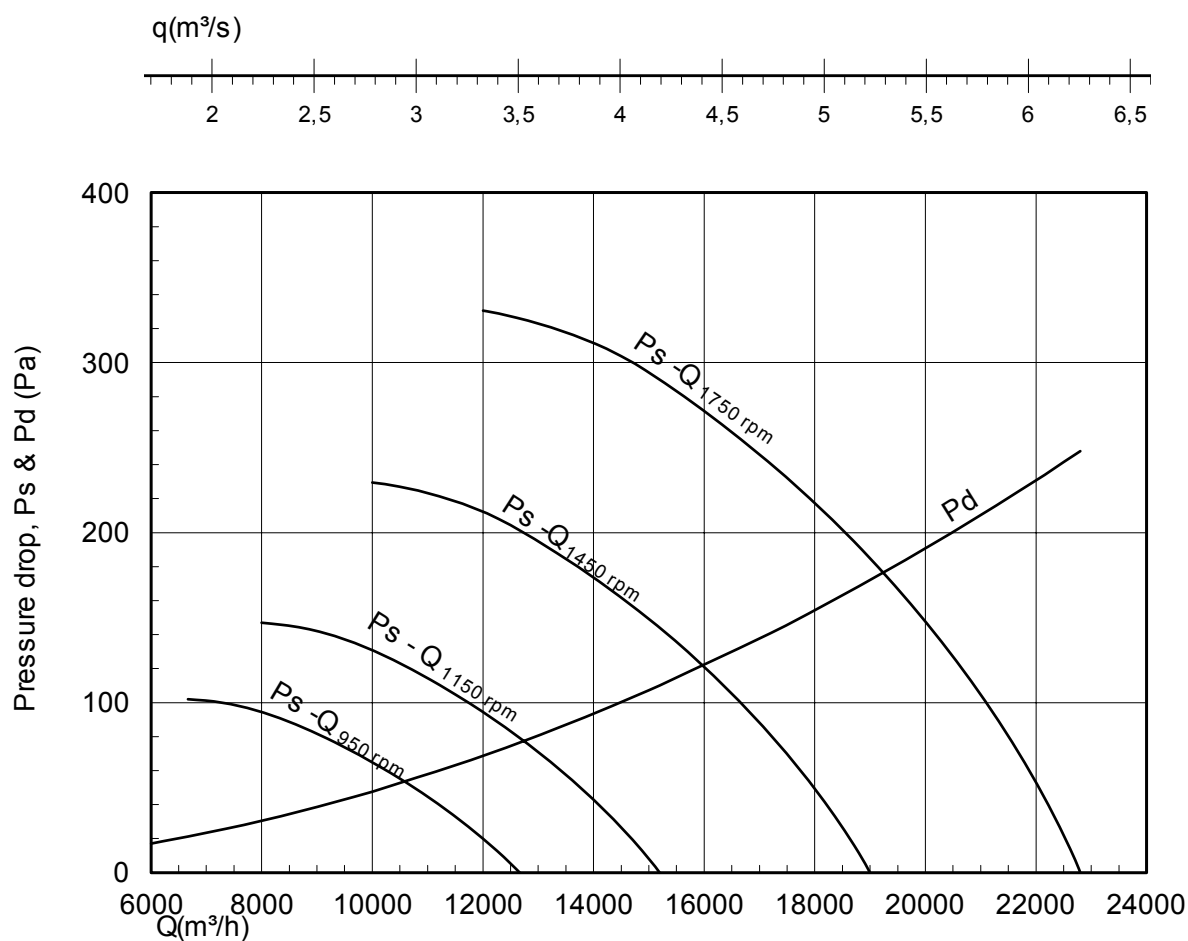




# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 630 A**

Imp: A7L / 18



nyborg12.prs/25



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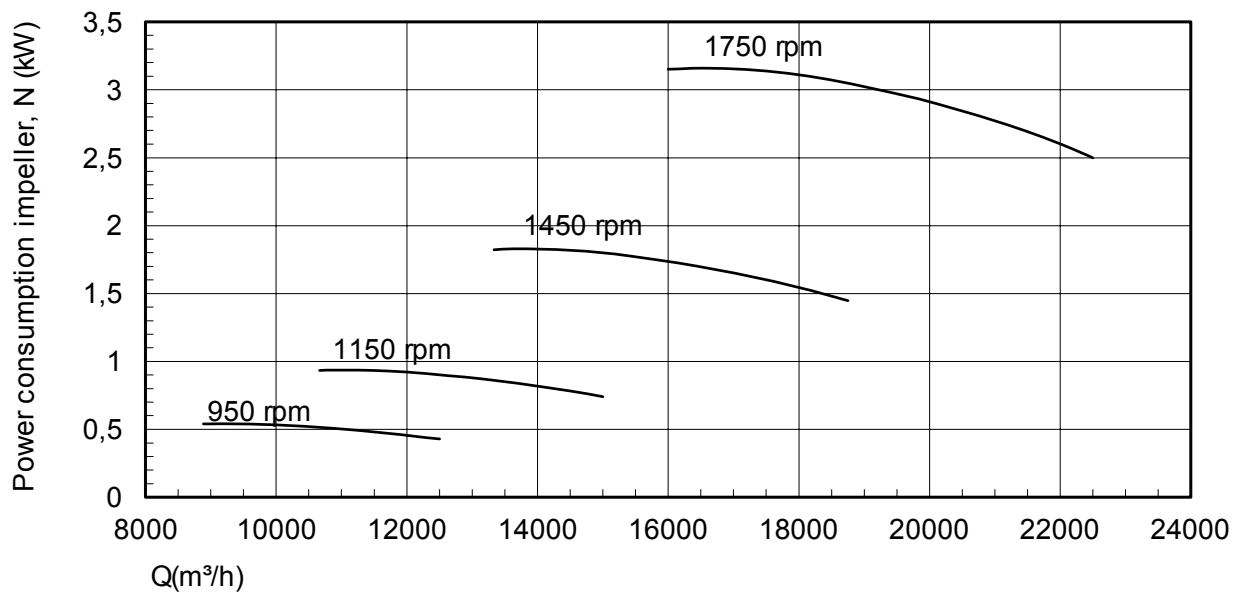
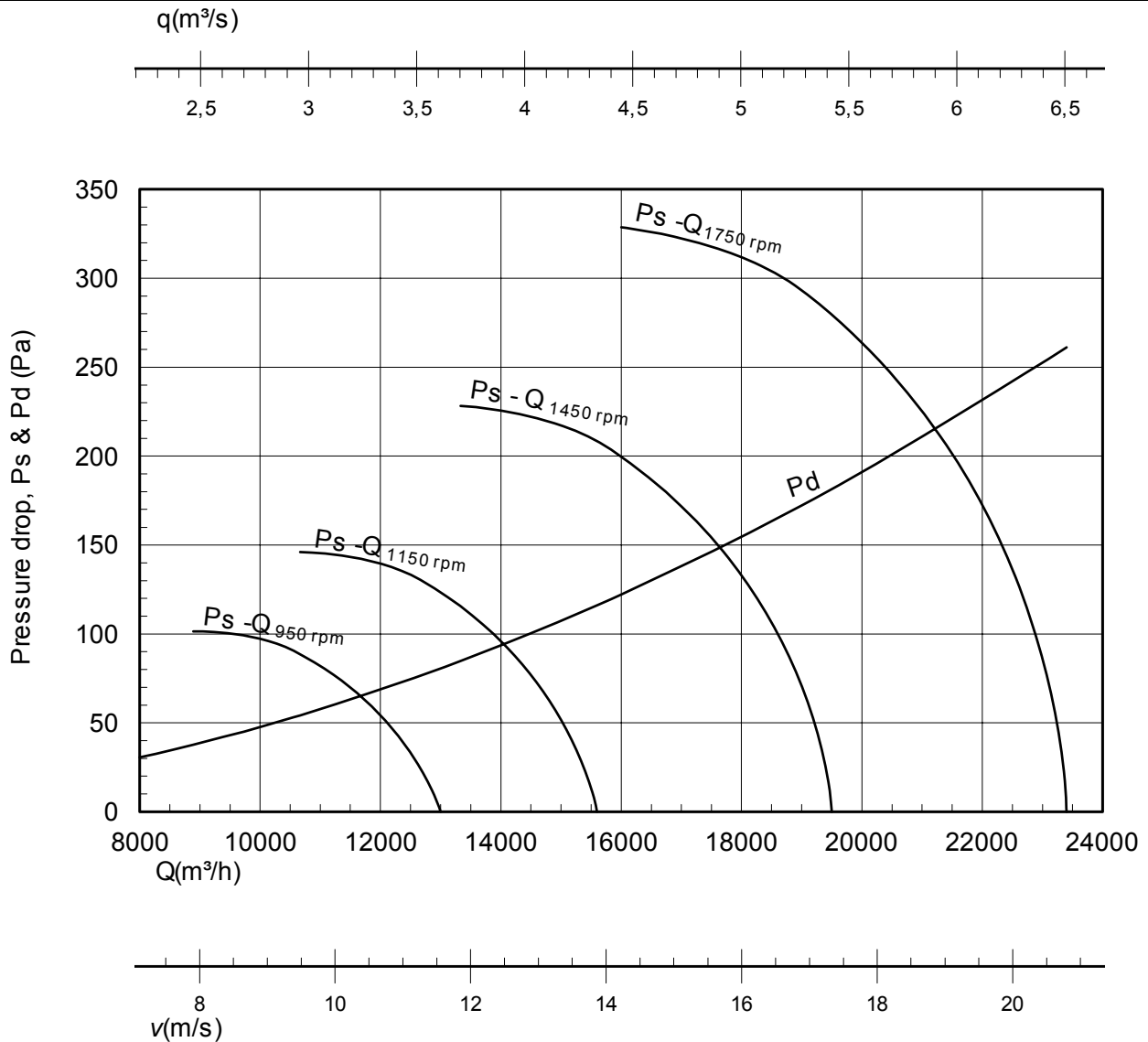
**NYBORG AS**  
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**MPV 630 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 630 A**  
Imp: A7T / 22



nyborg12.prs/26



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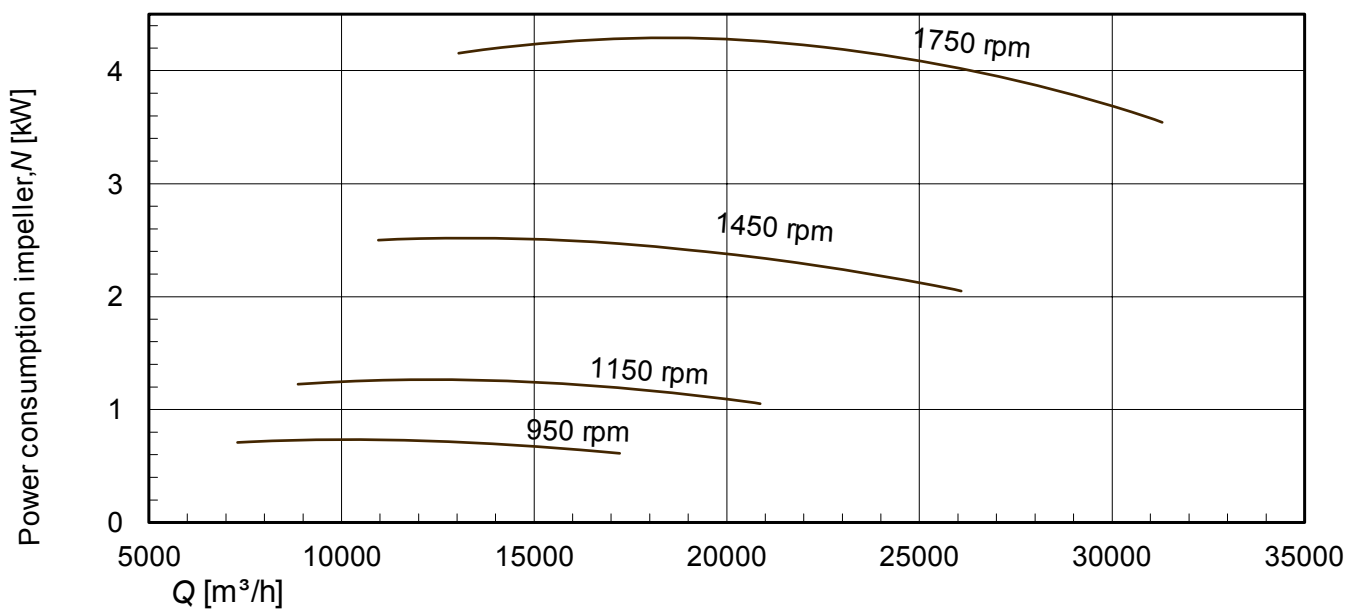
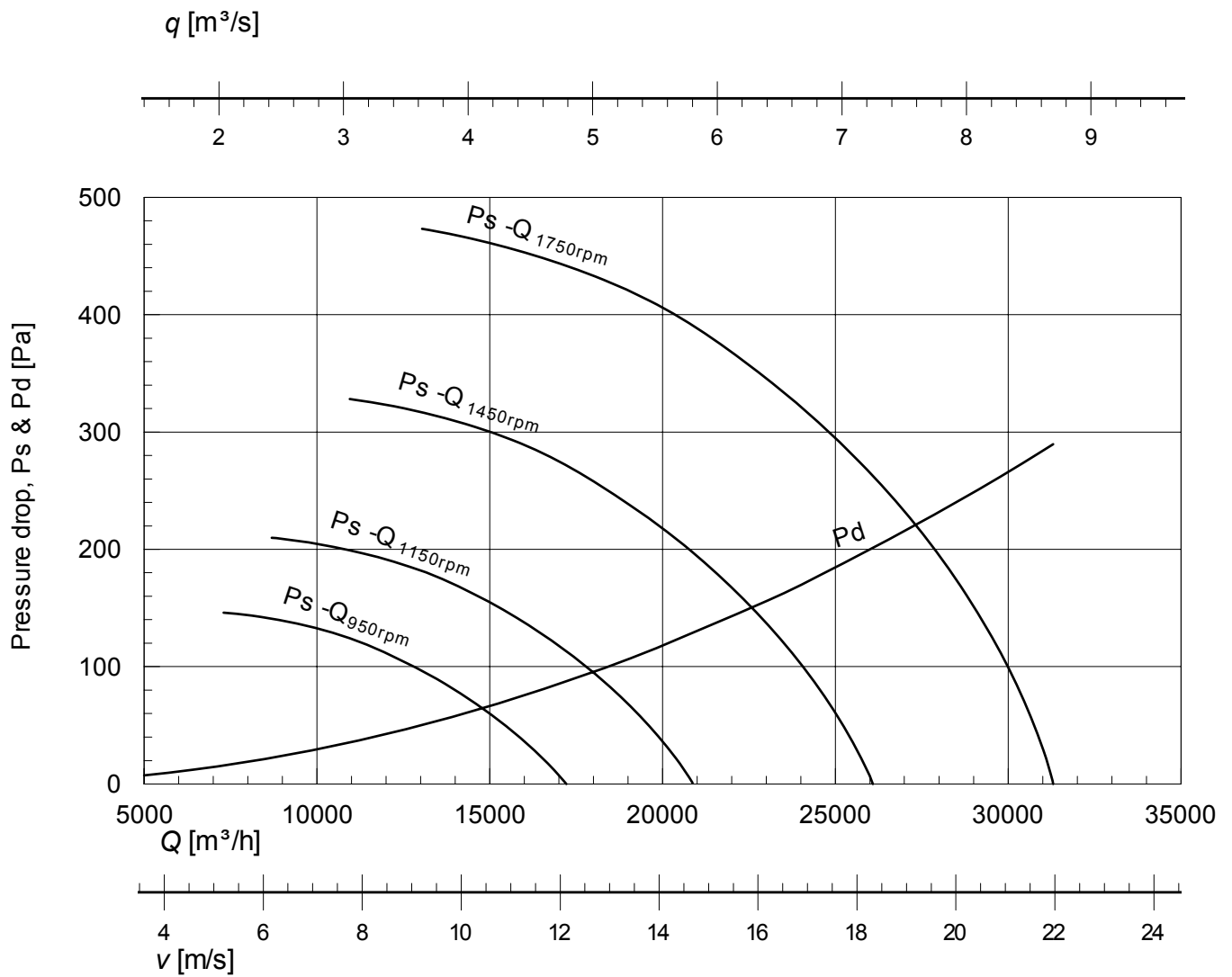
**MPV 630 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 710 A**

Imp: A7L / 18



nyborg12.prs/21



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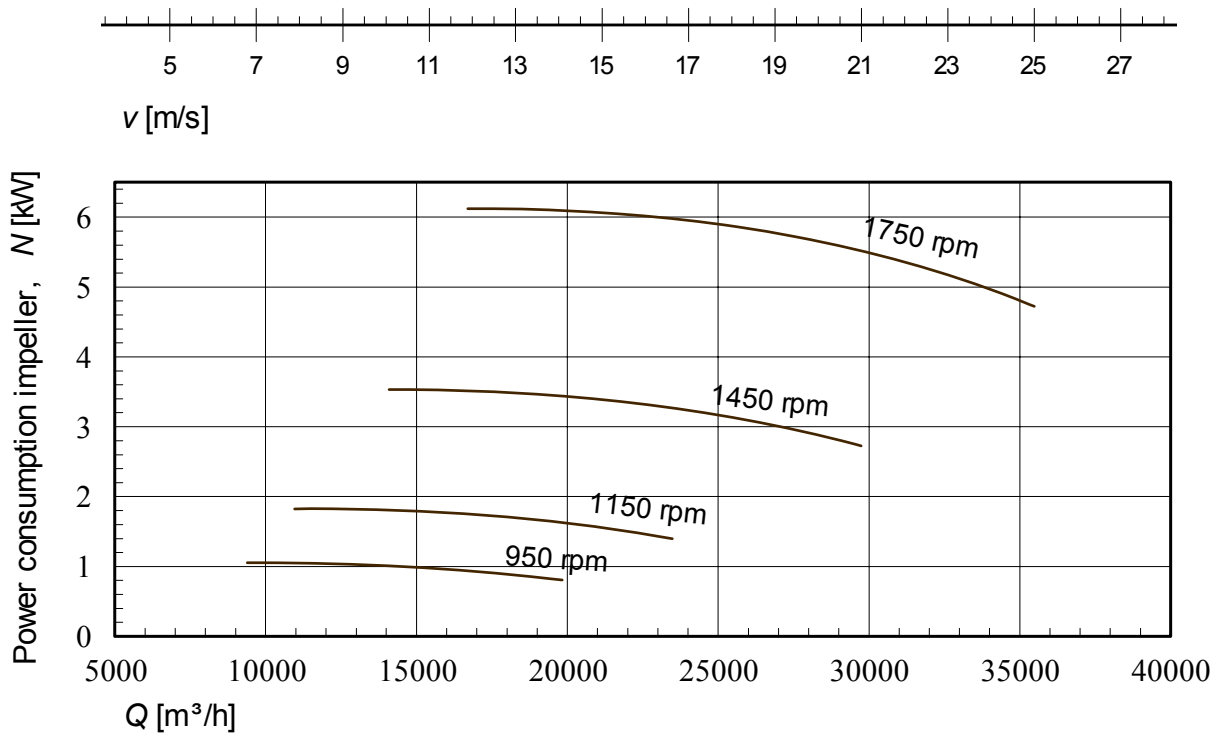
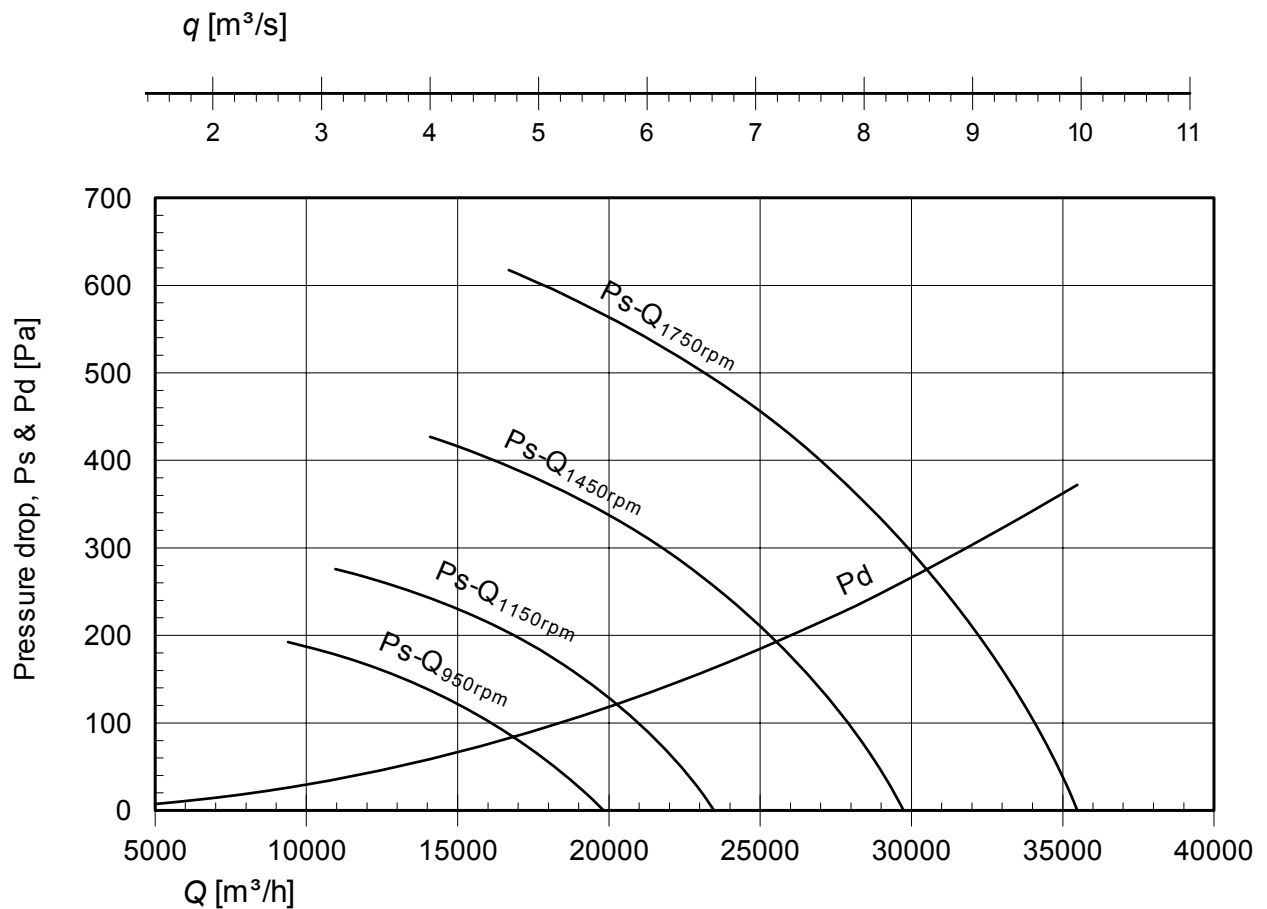
**MPV 710 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 710 A**

Imp: A7T / 24

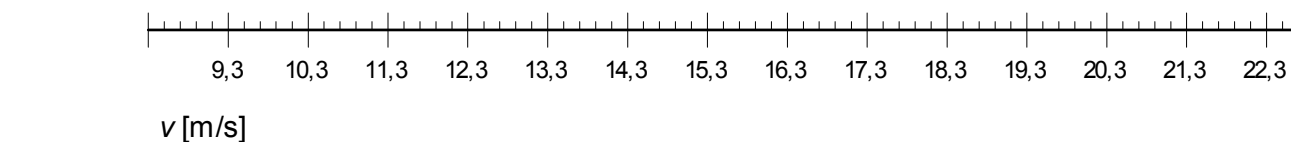
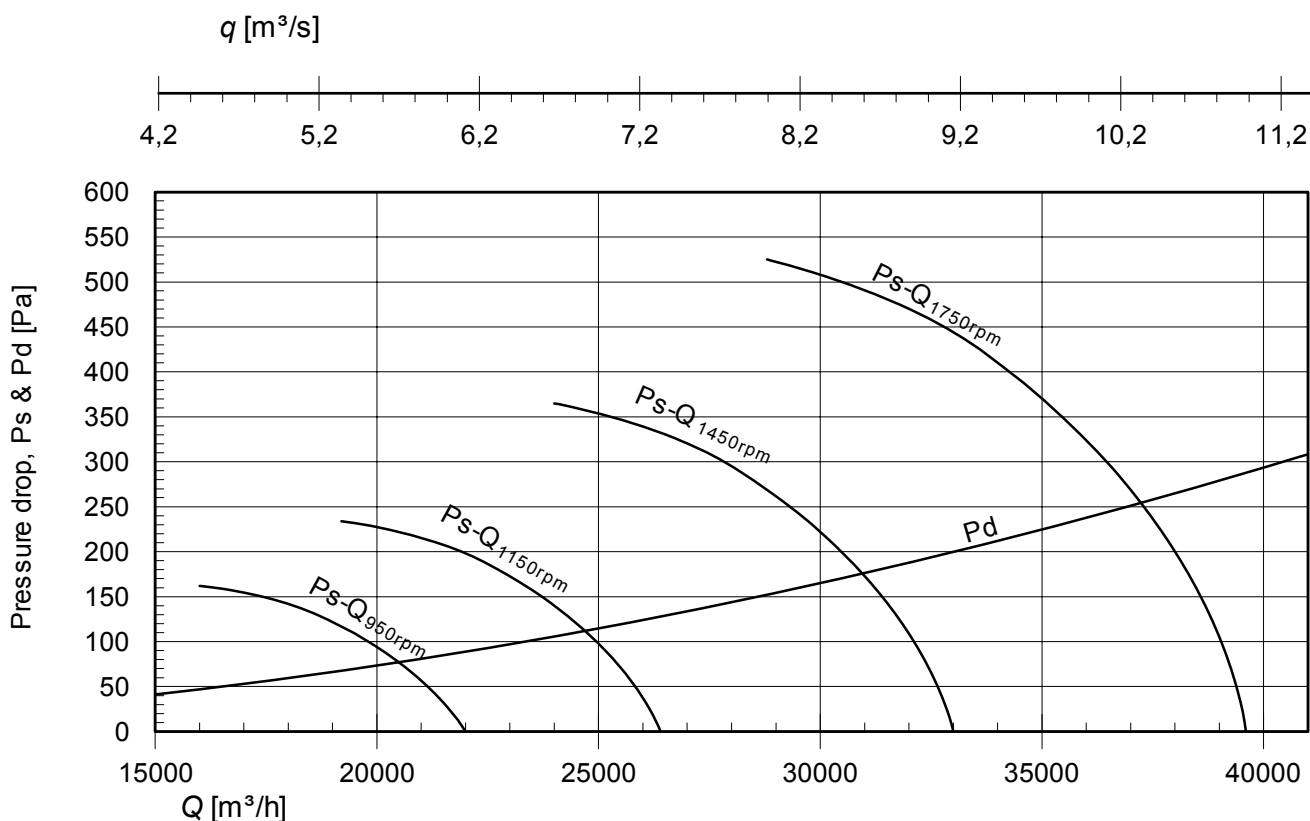




# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 800 A**

Imp: A7L / 16



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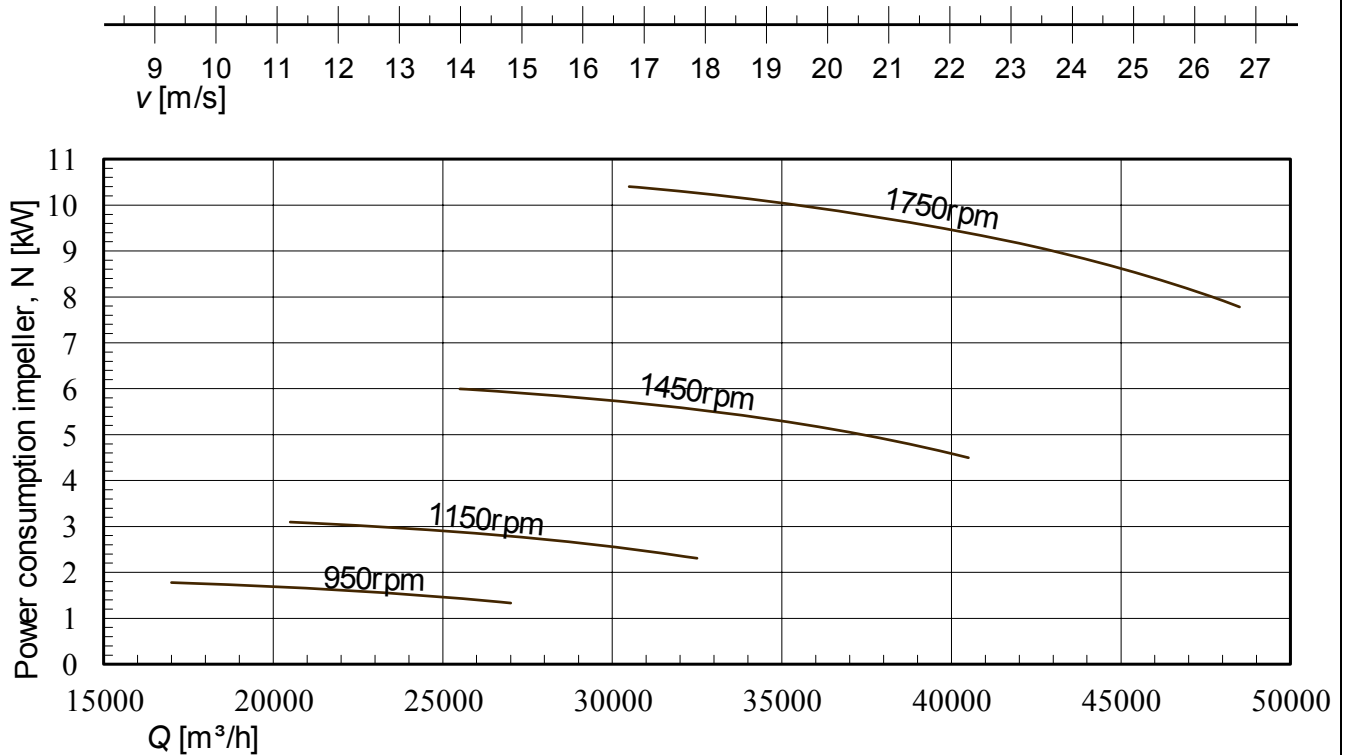
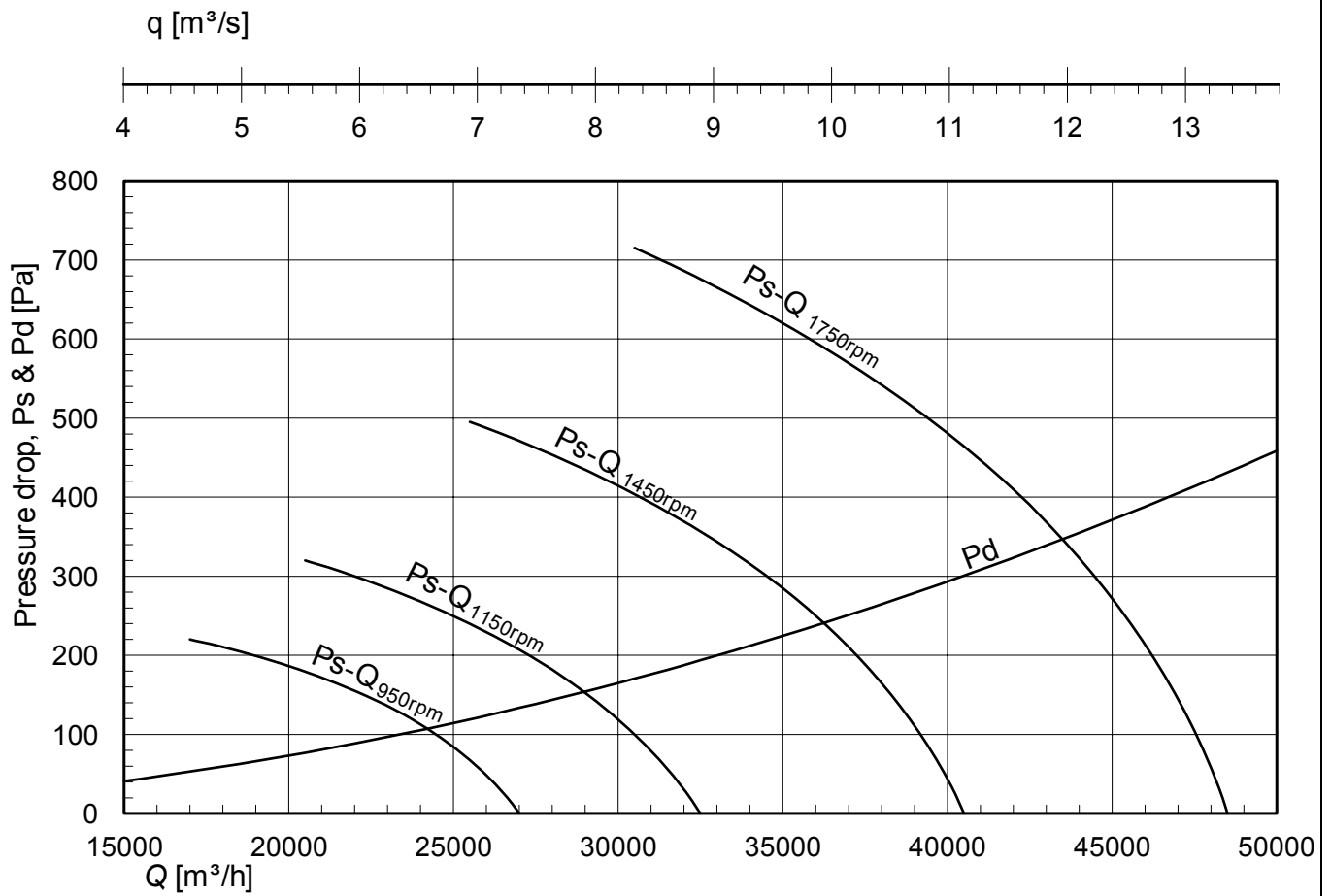
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**MPV 800 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 800 A**  
Imp: A7T / 22



nyborg12.prs/28



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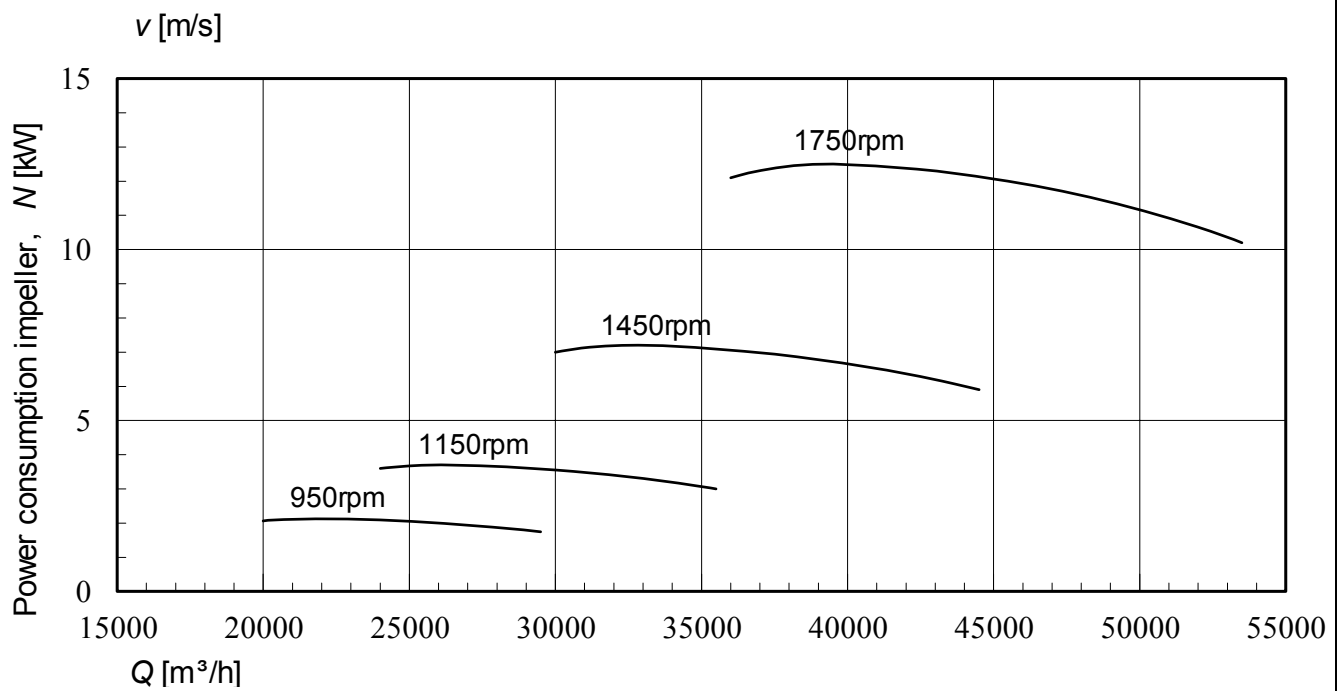
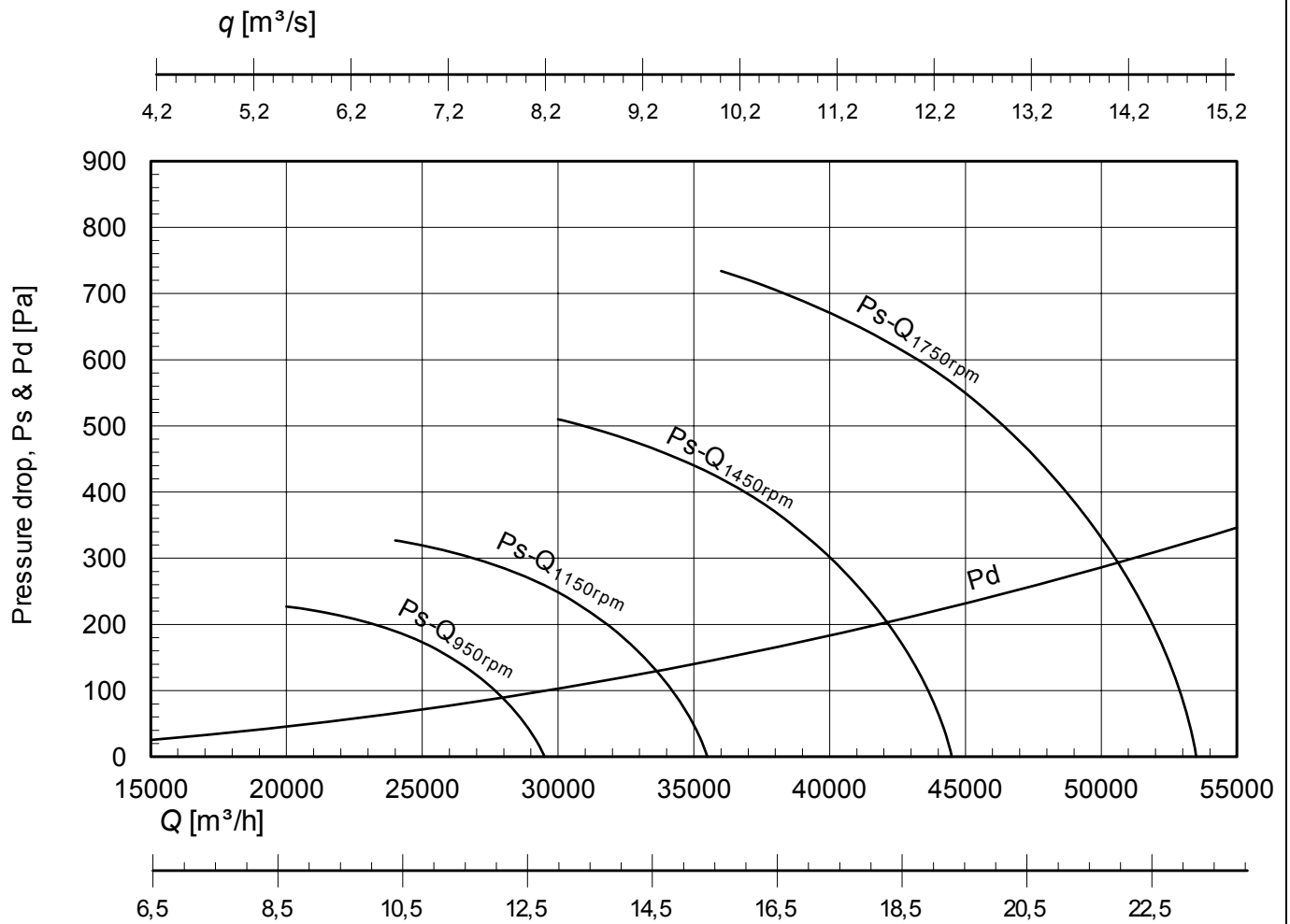
**MPV 800 A**





# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 900 A**  
Imp: A7L / 16



nyborg12.prs/5



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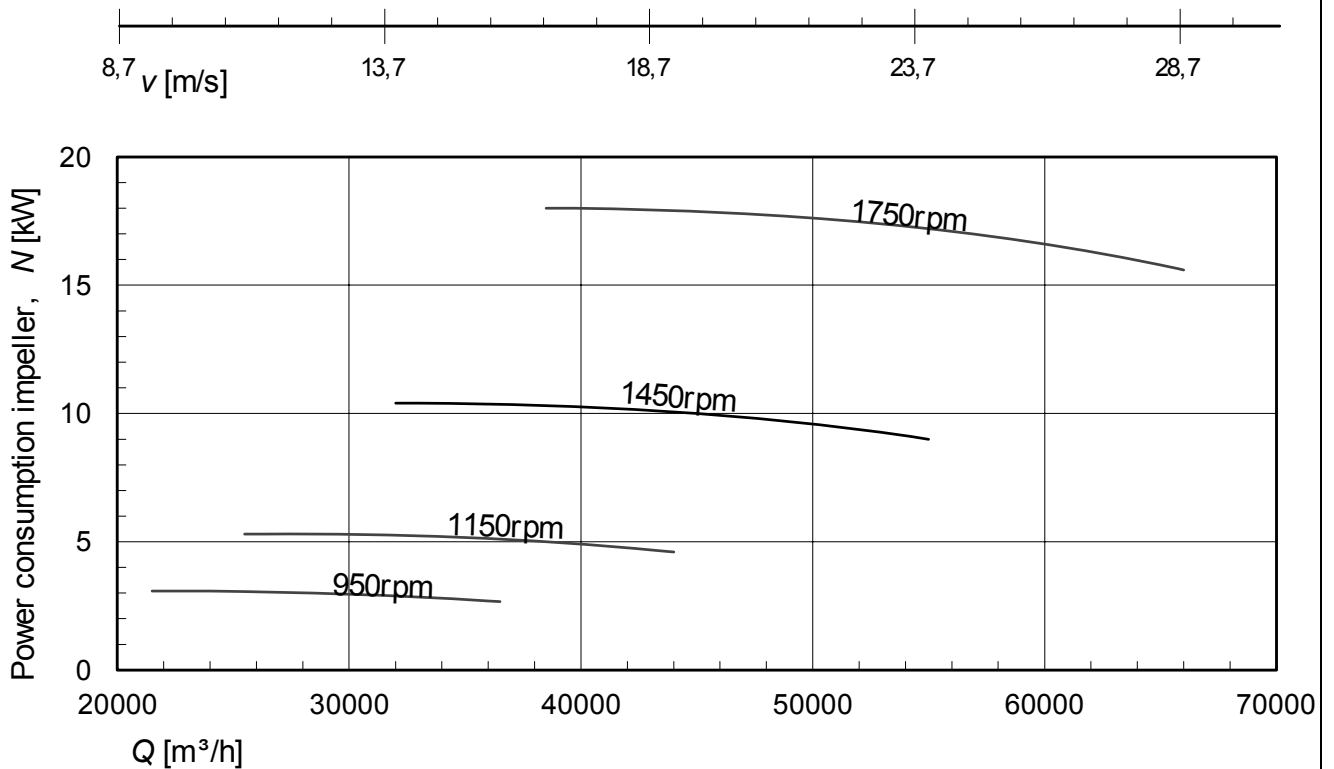
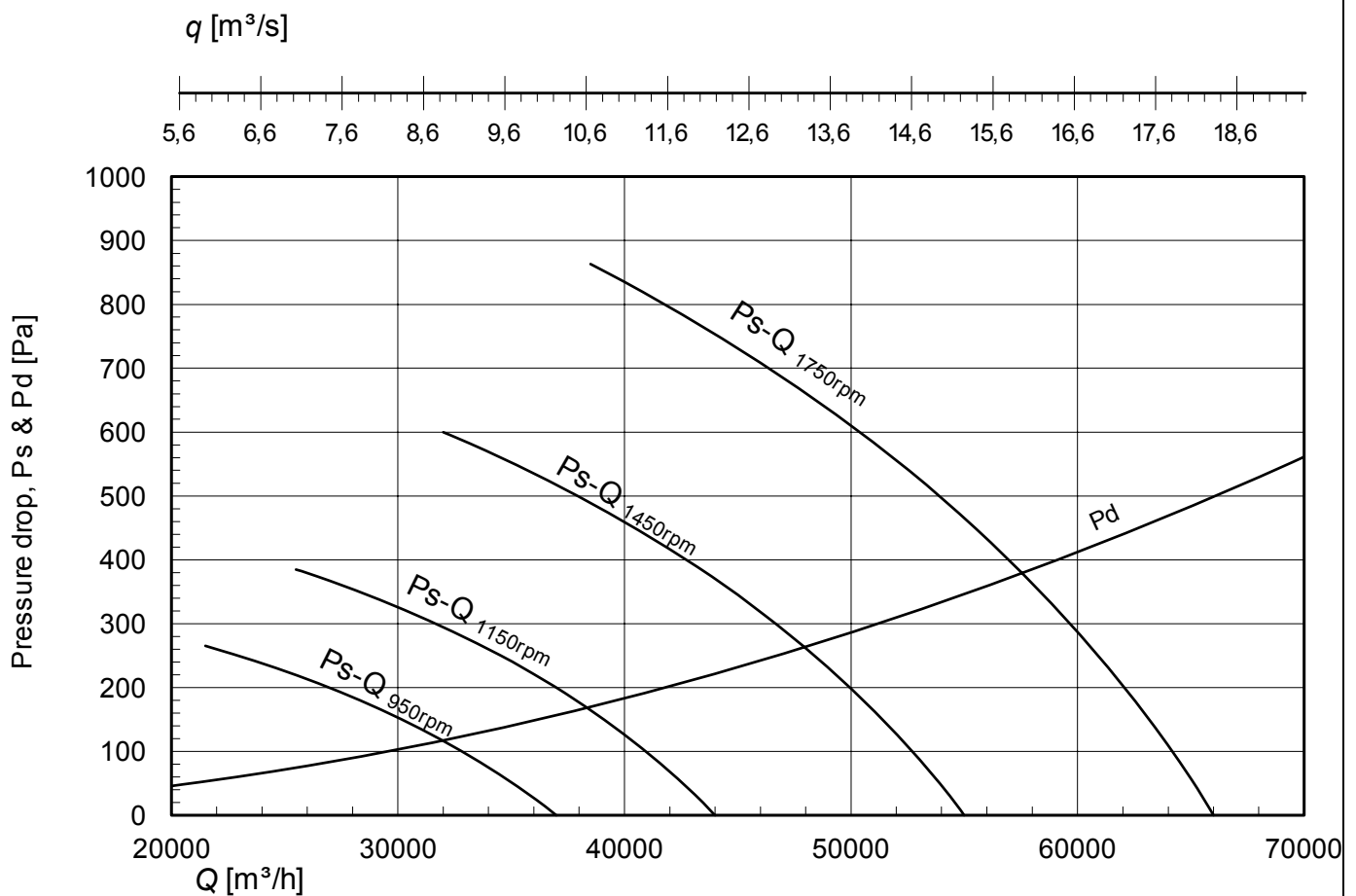
**NYBORG AS**  
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**MPV 900 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 900 A**  
Imp: A7T / 22



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N-6230 Sykkylven, Norway  
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fax: +47 70 25 29 08  
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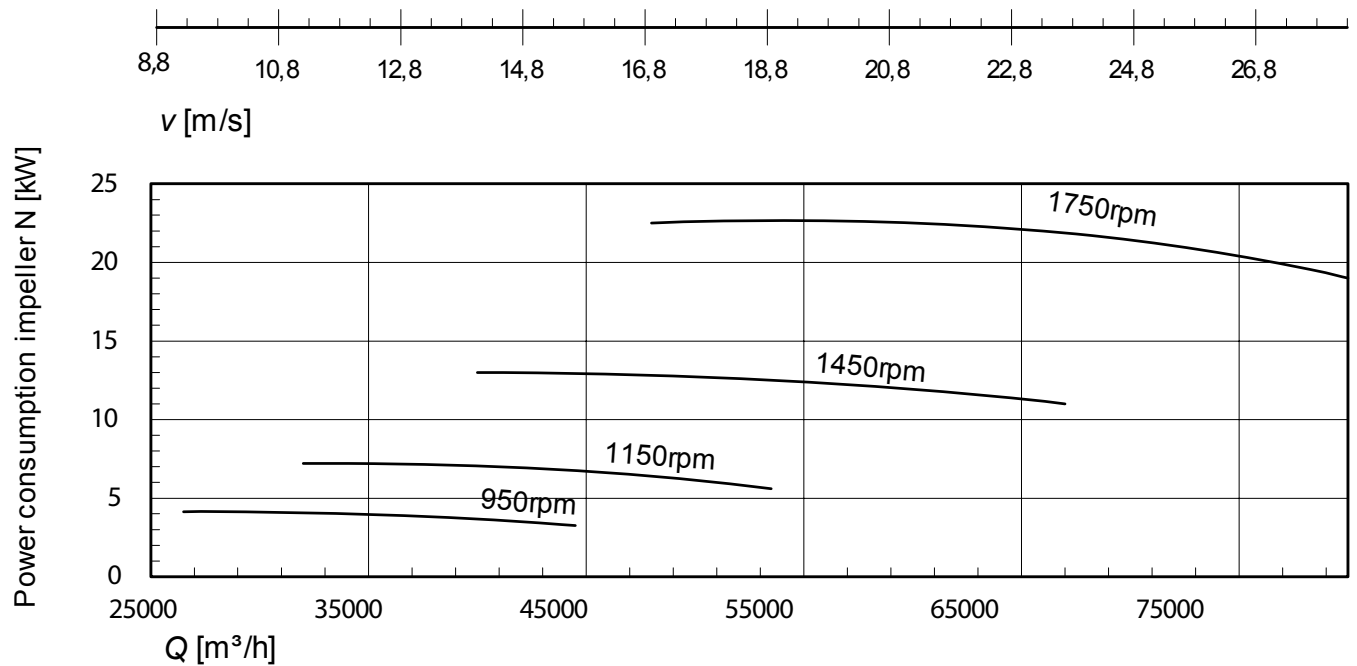
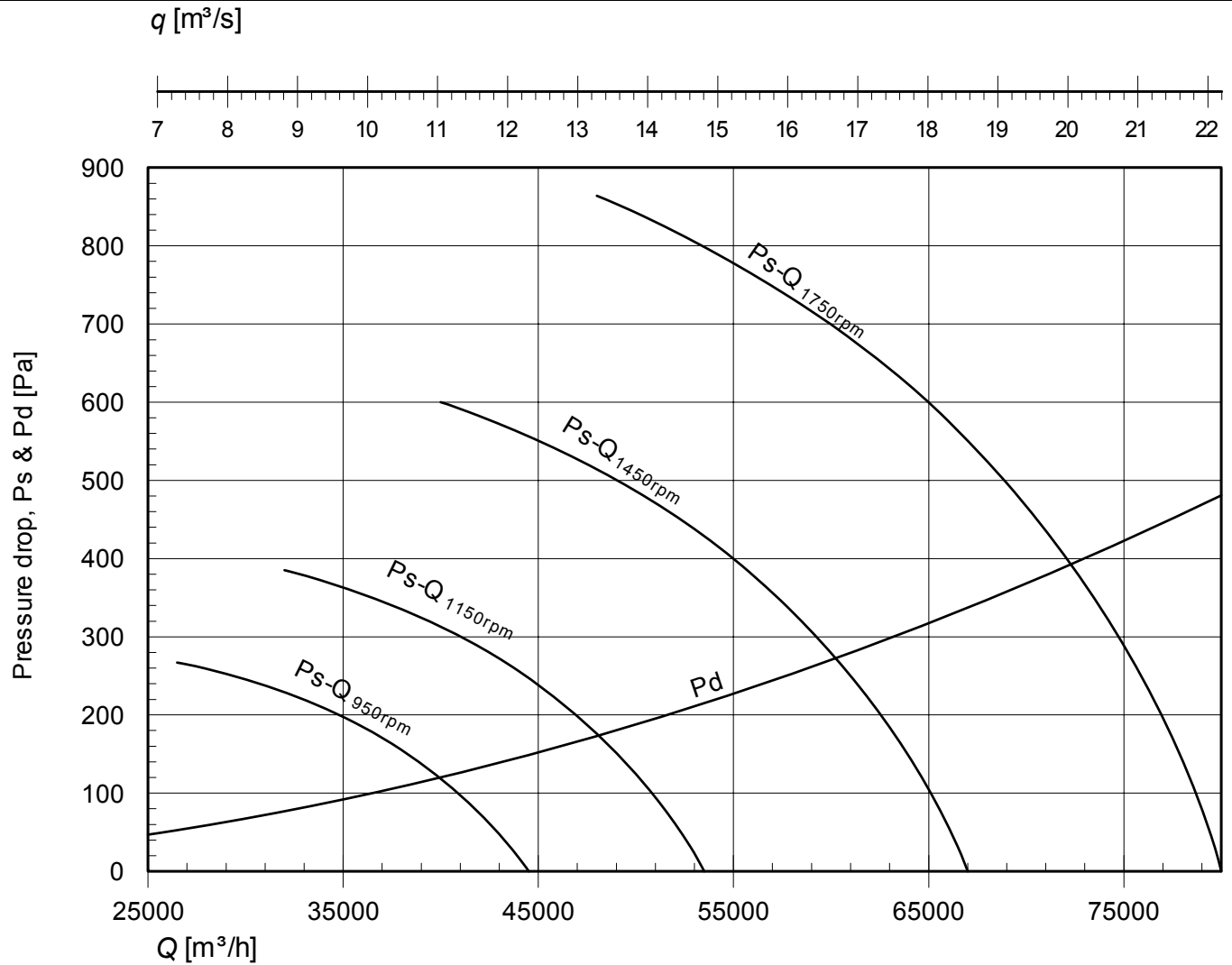
**MPV 900 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 1000 A**

Imp: A7L / 16



nyborg12.prs/7



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N-6230 Sykkylven, Norway  
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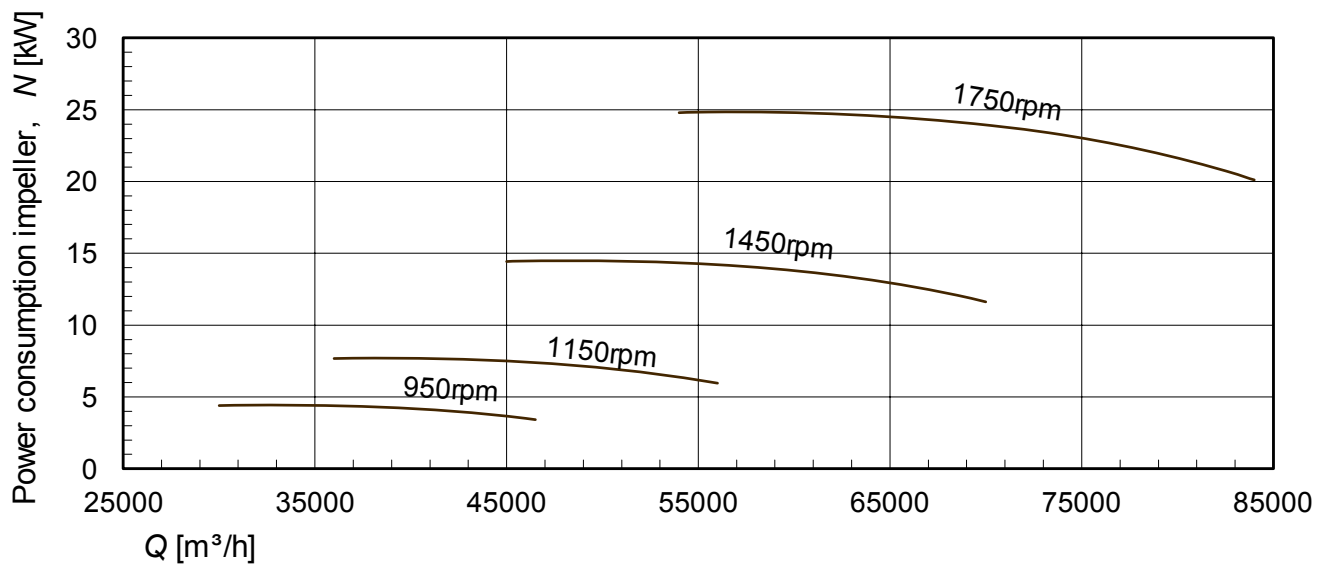
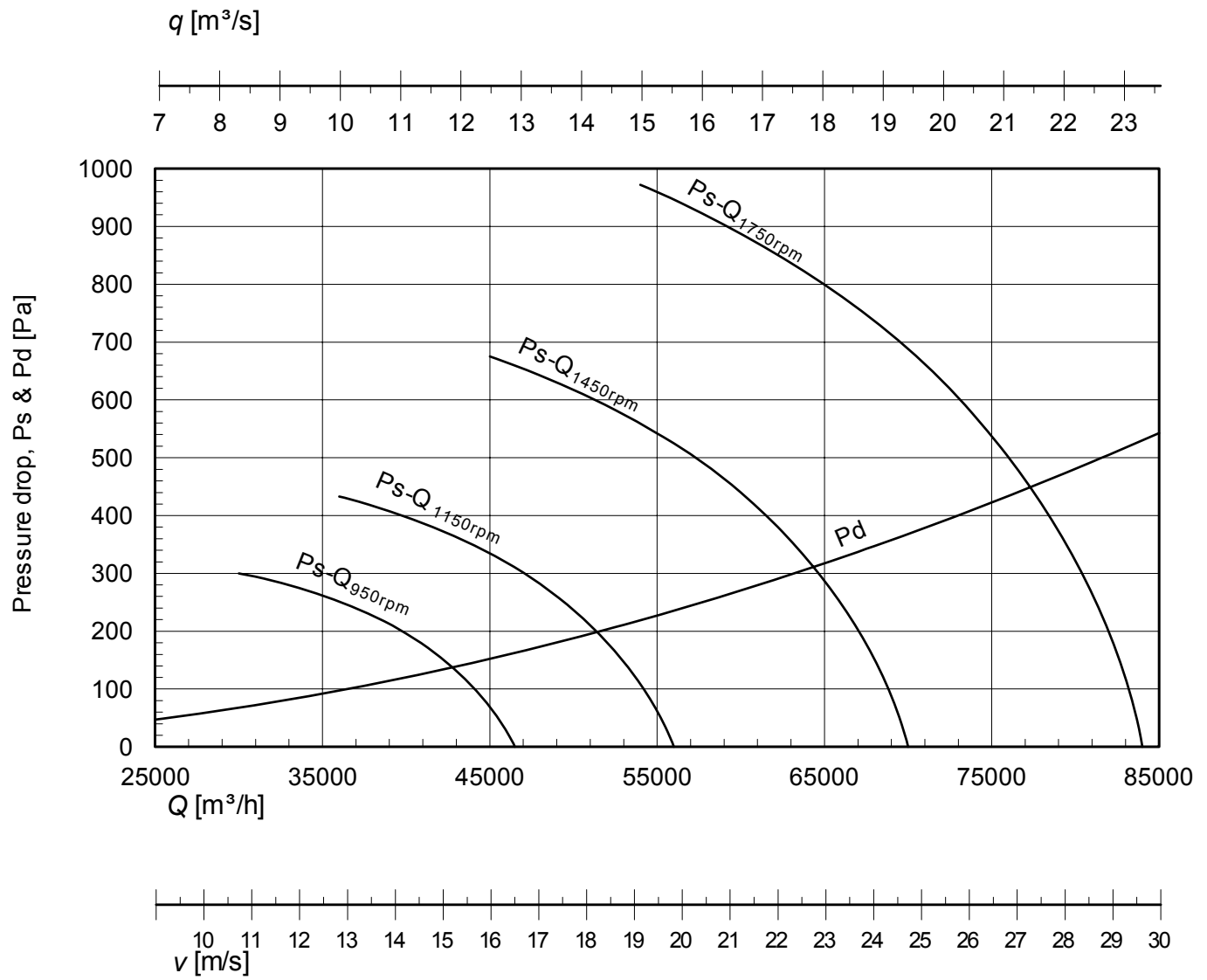
**MPV 1000 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 1000 A**

Imp: A7T / 21



nyborg12.prs/8



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N-6230 Sykkylven, Norway  
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fax: +47 70 25 29 08  
office@nyborgfan.com  
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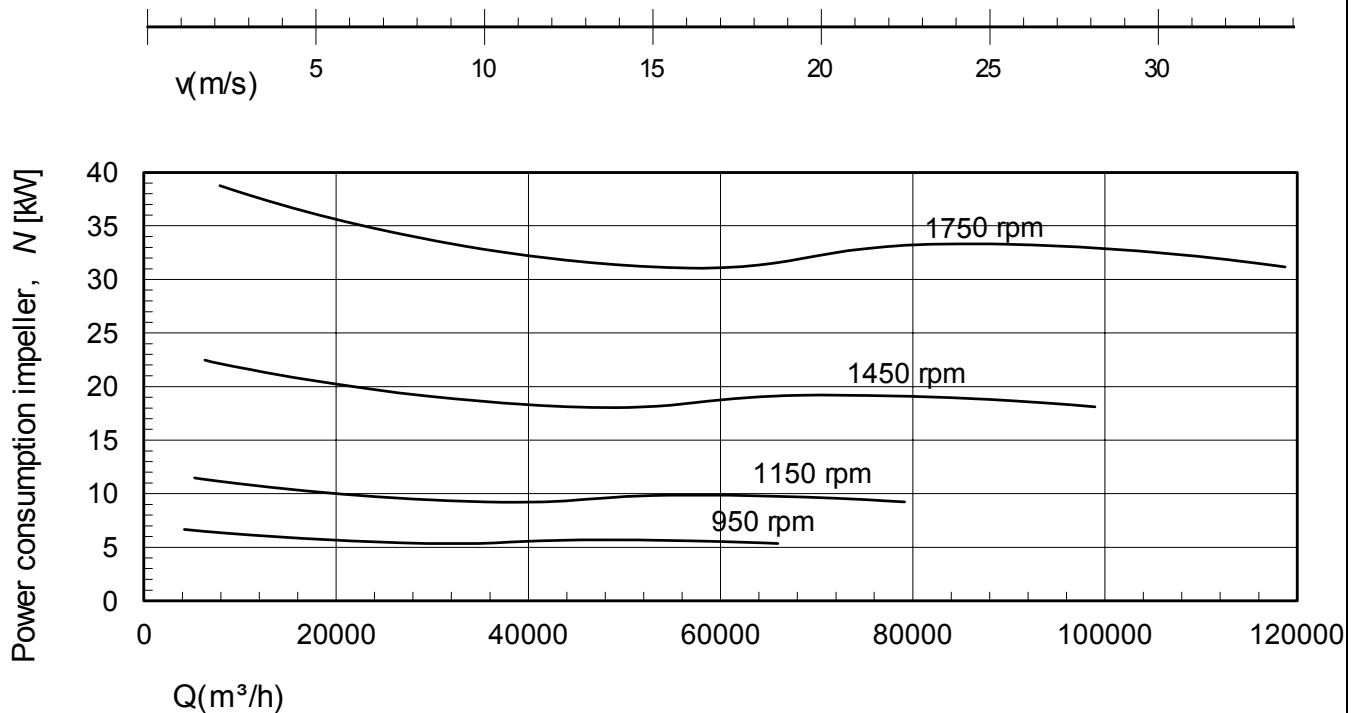
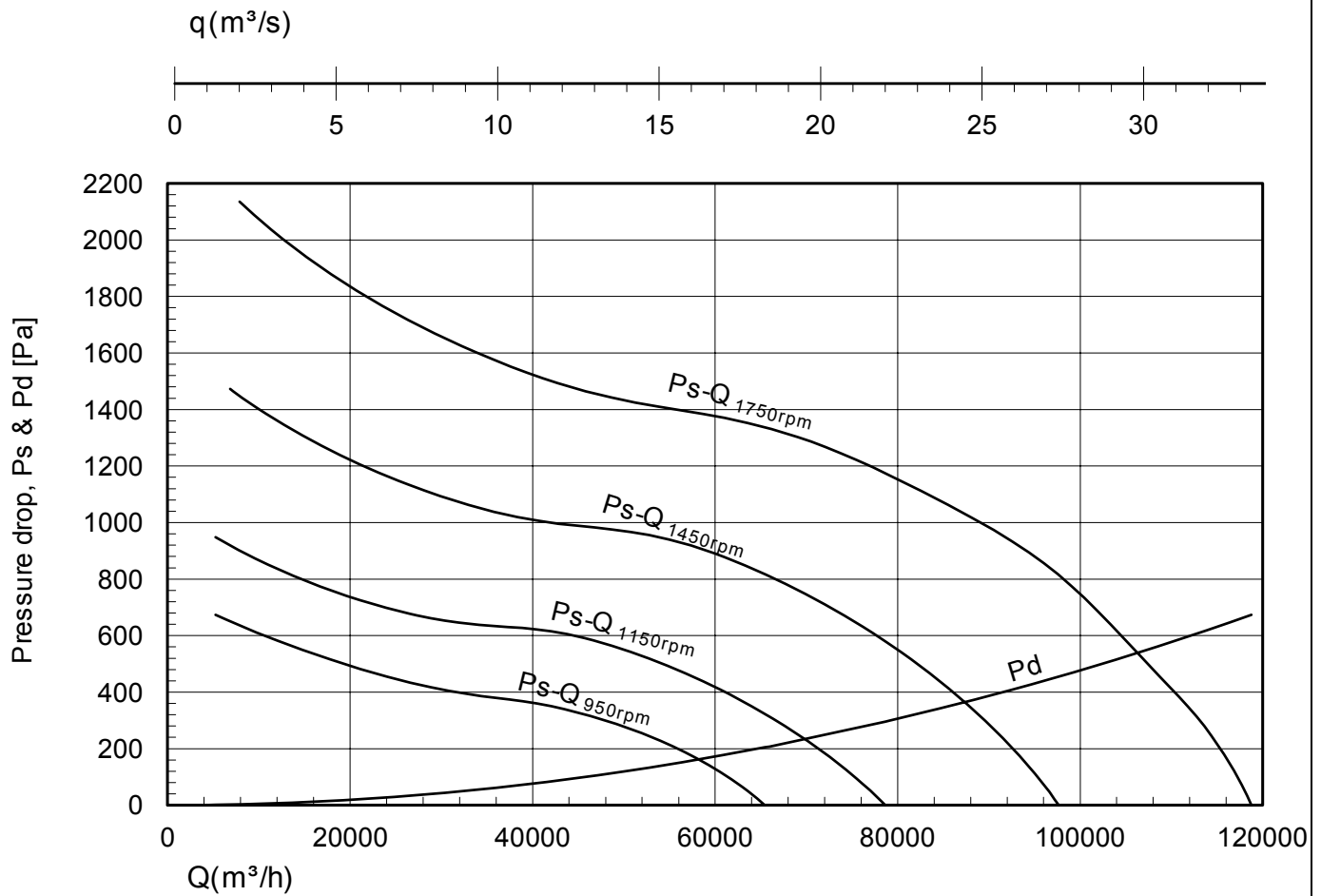
**MPV 1000 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

## MPV 1120 A

Imp: A7L / 16



nyborg20.prs/15



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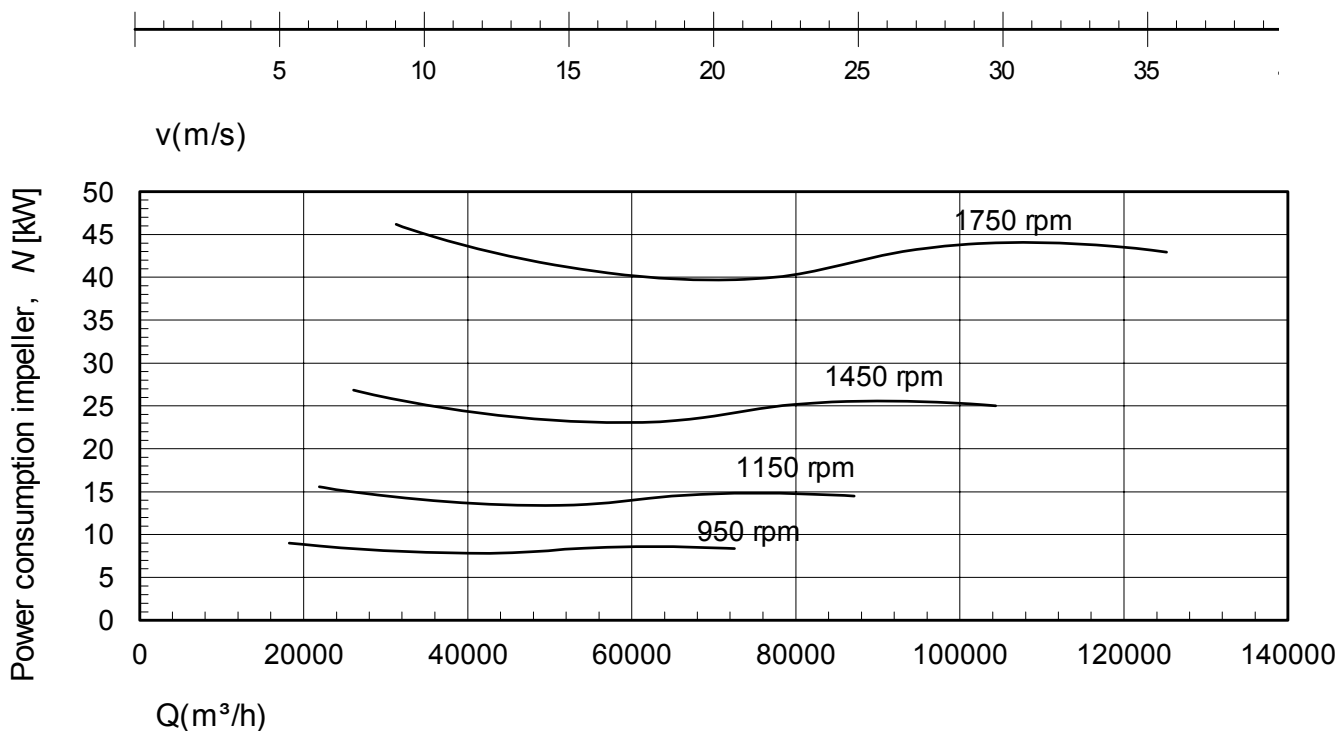
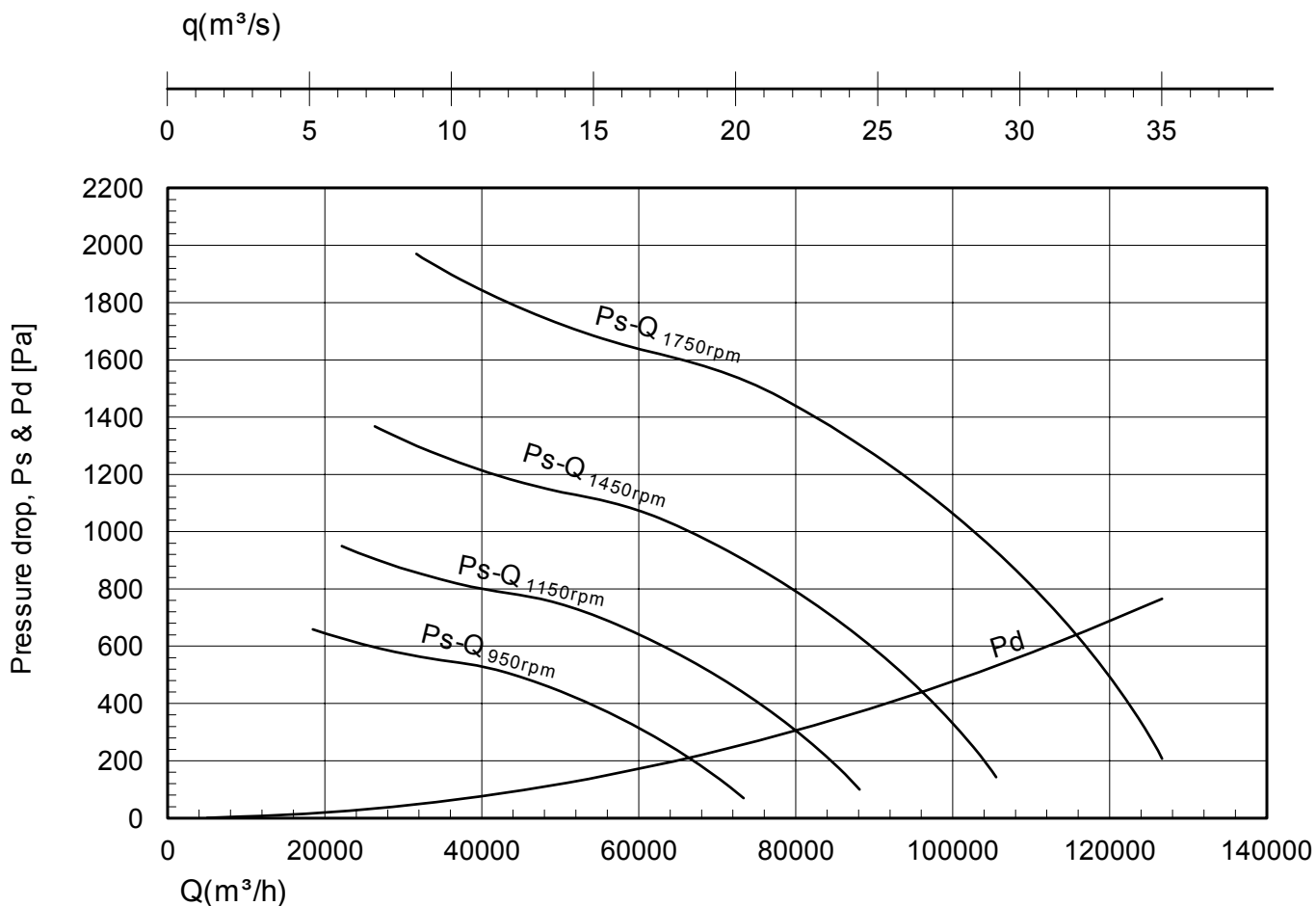
## MPV 1120 A



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 1120 A**

Imp: A9T / 21



nyborg20.prs/14



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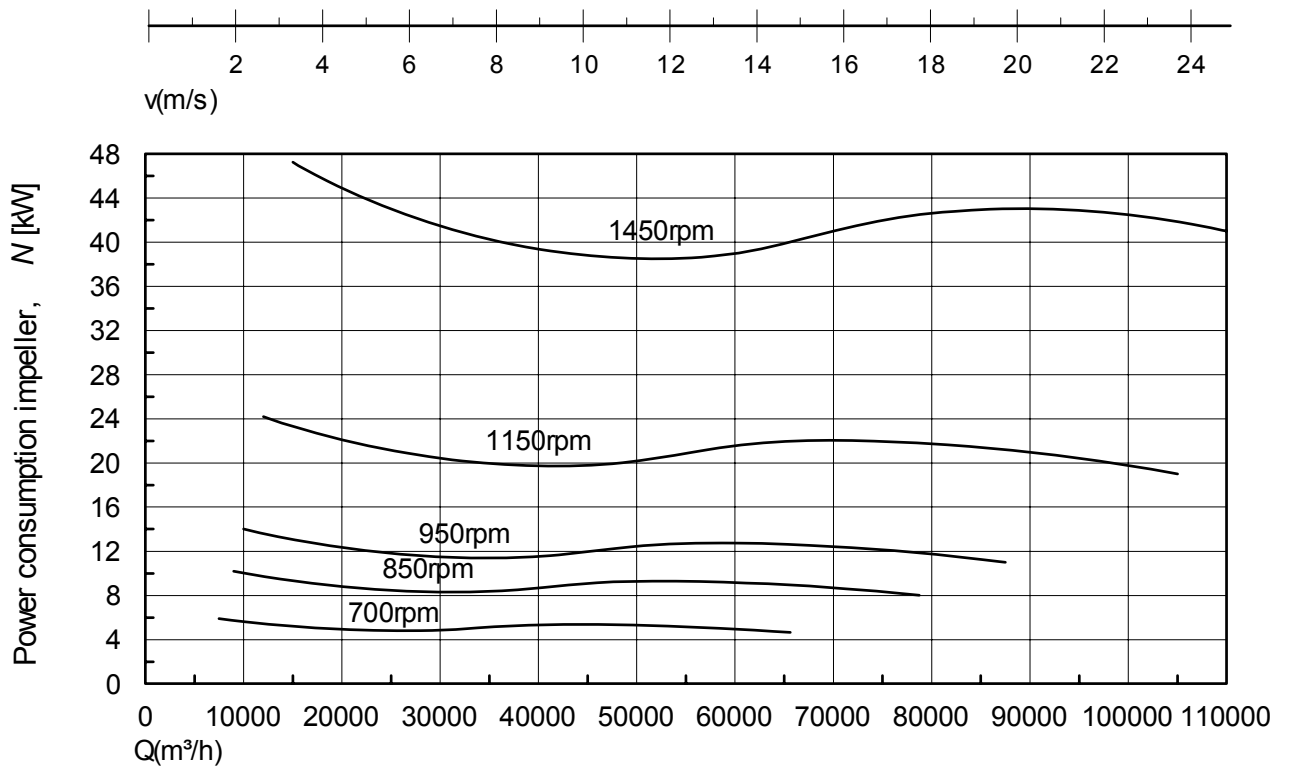
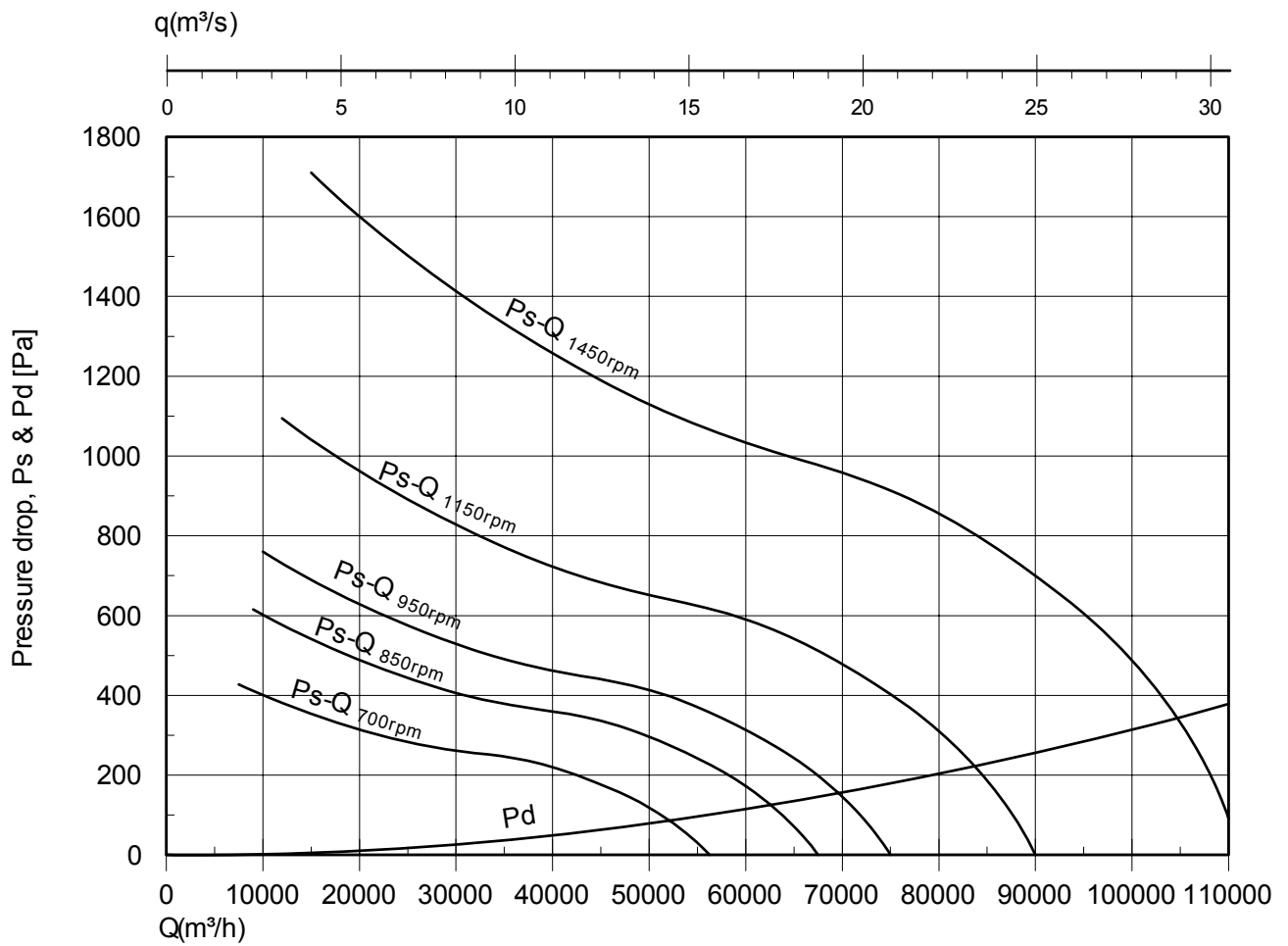
**MPV 1120 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 1250 A**

Imp: A7L / 16



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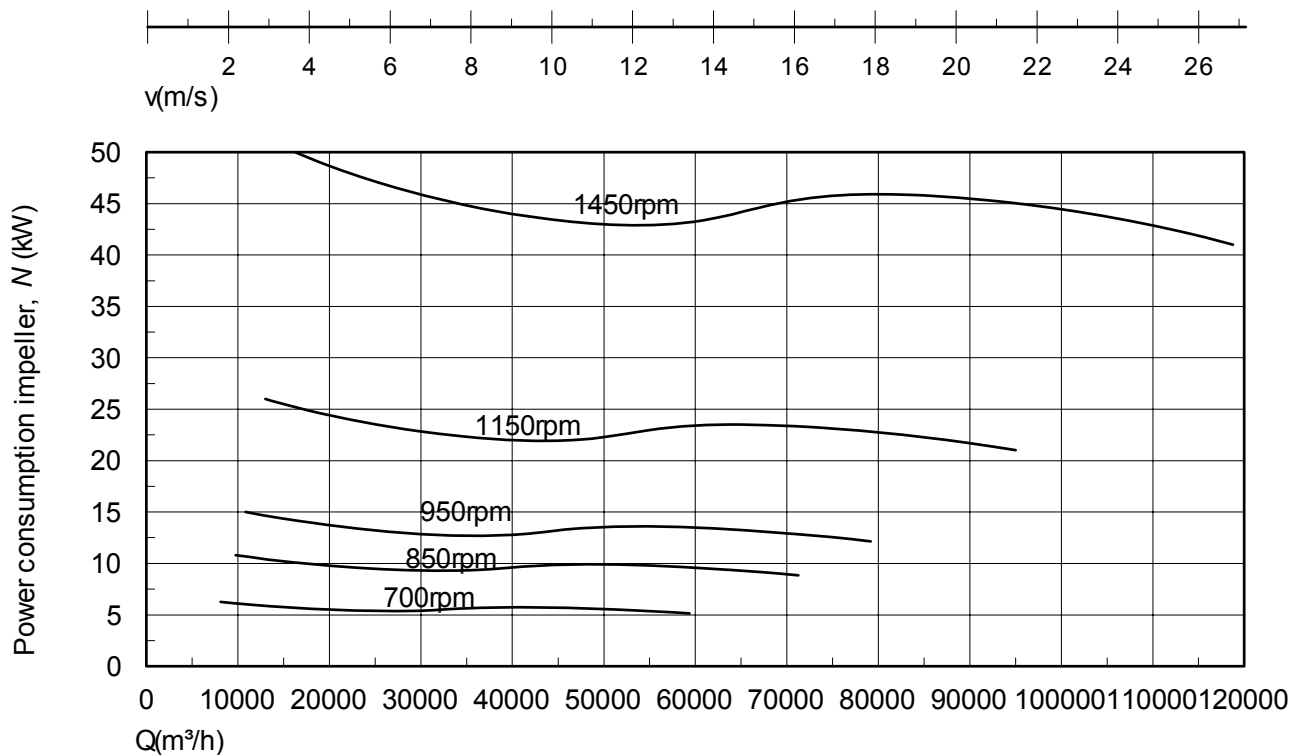
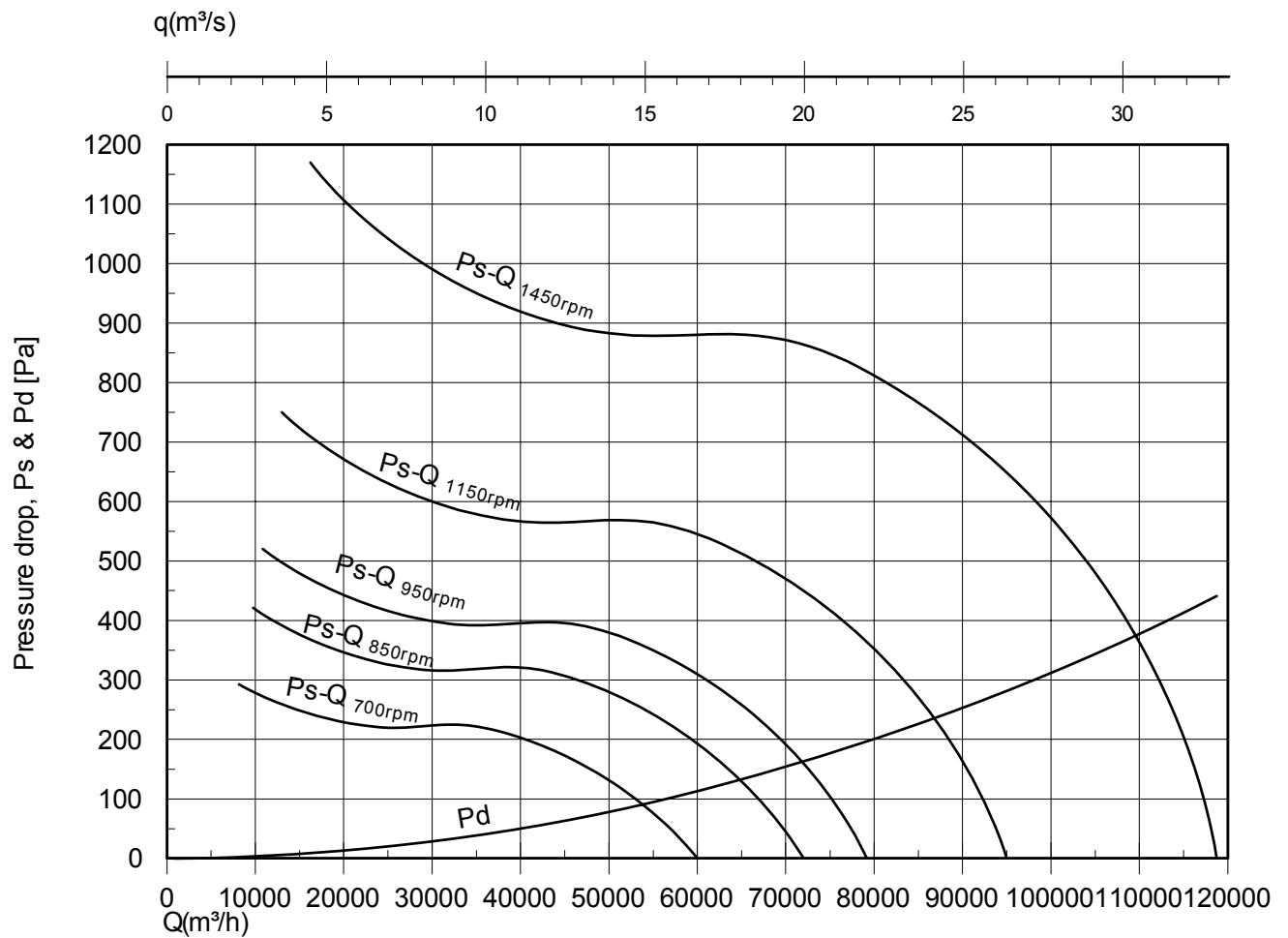
**MPV 1250 A**



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

**MPV 1250 A**

Imp: A9T / 21



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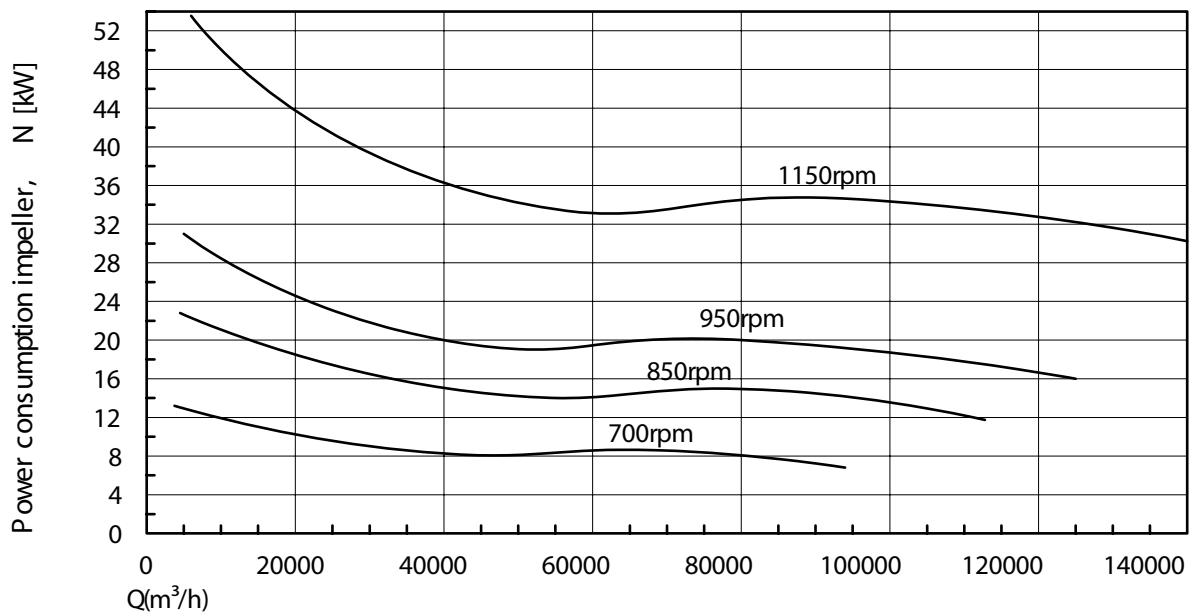
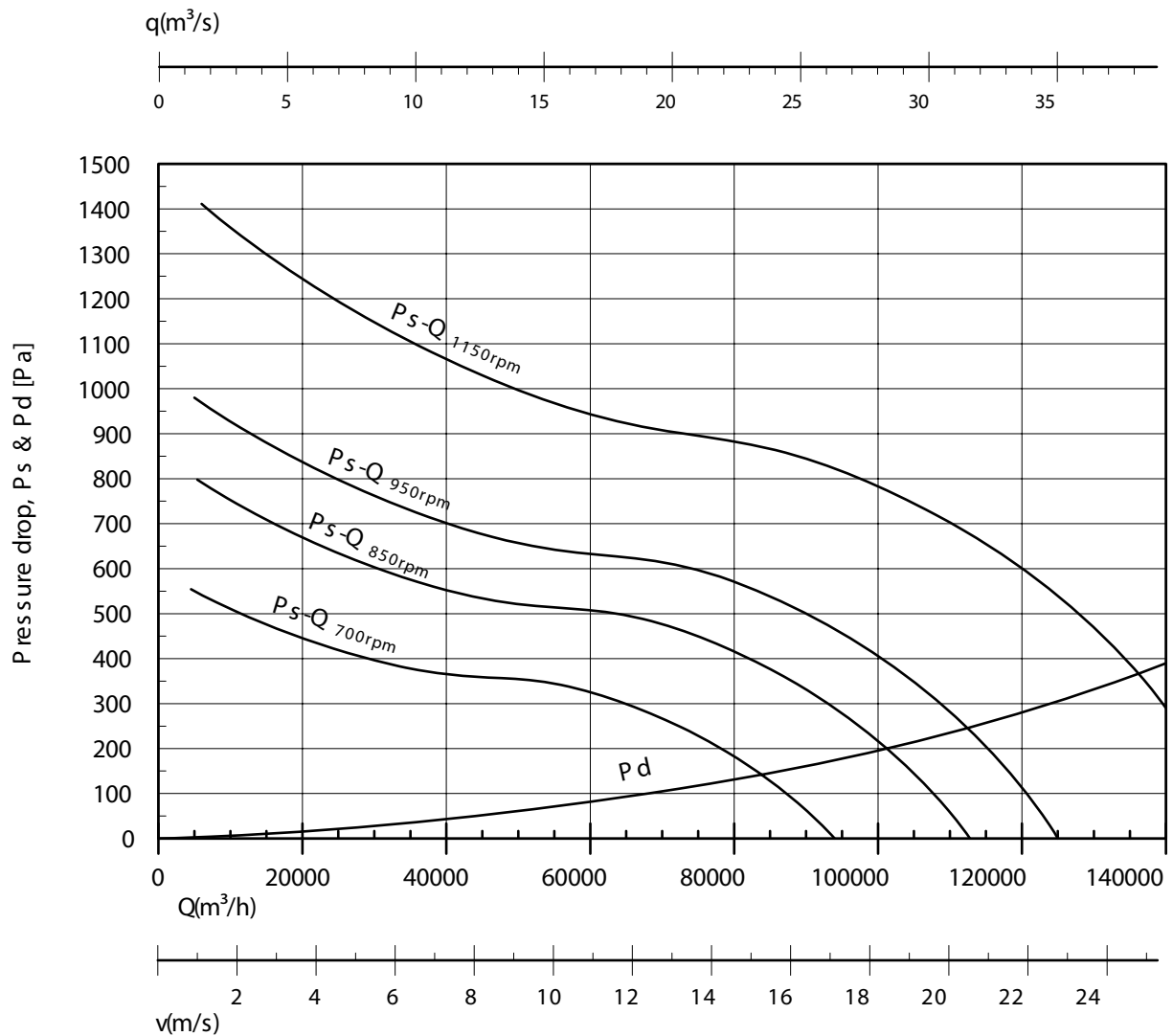
**MPV 1250 A**





# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

MPV 1400 A  
Imp: A9T / 22



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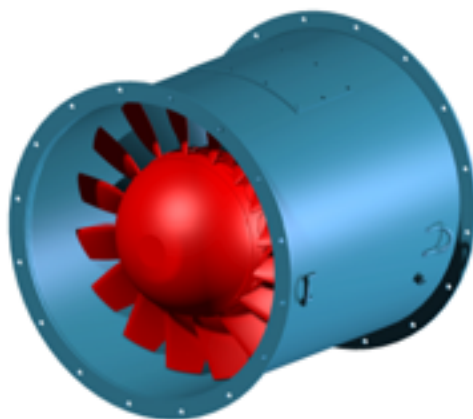
**NYBORG AS**  
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MPV 1400 A

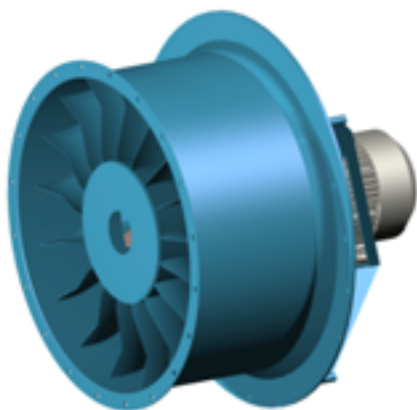


## VANEAXIAL FANS

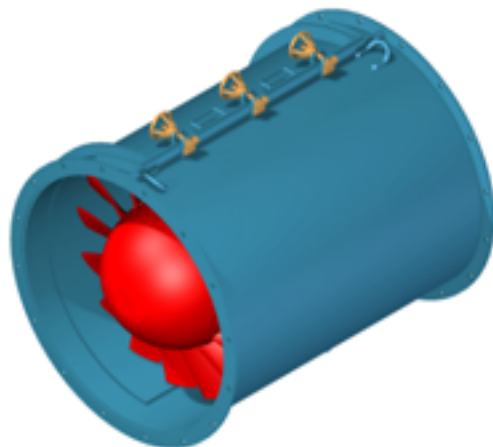
MPV - D1K  
WOMR - 025K ÷ 050K  
WOM - 63 ÷ 160



MPV - D1E



MPV - D1M  
WOMB - 040K ÷ 050K  
WOM(O) - 63 ÷ 160



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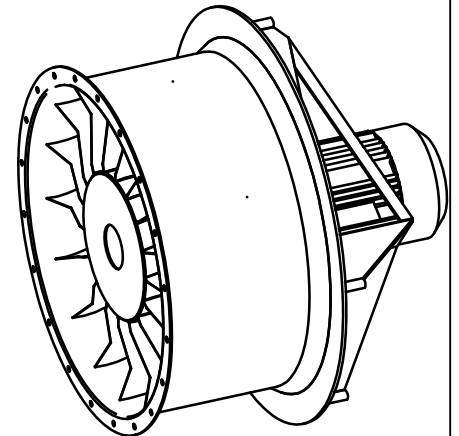
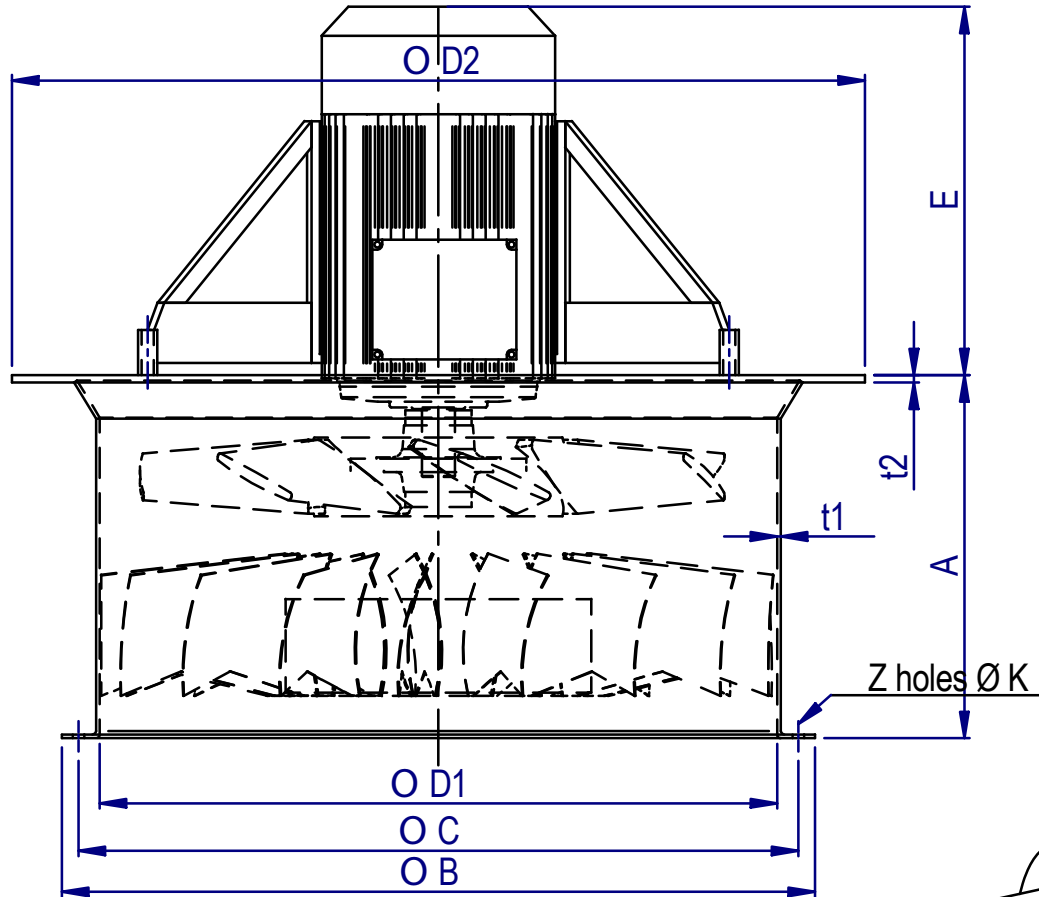


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# NYBORG VANEAXIAL FAN Type "E"

**MPV - D1E**



MPV	A	B	C	D1	D2	E	t1	t2	Z x K
250		337	310	250	280		3	6	8x12
315		387	360	315	430		3	6	8x14
355		442	405	355	485		3	6	8x14
400		492	460	400	530		4	6	12x14
450		542	510	450	595		4	6	12x14
500		592	560	500	660		4	6	12x14
630		741	698	630	820		4	8	16x14
710		816	775	710	900		4	8	16x14
800		911	870	800	990		4	8	16x19
900		1028	980	900	1110		5	8	16x19
1000		1120	1080	1000	1275		6	8	20x19
1120		1248	1200	1120	1405		6	10	20x19

4-2234

17/12-02

R.Berge



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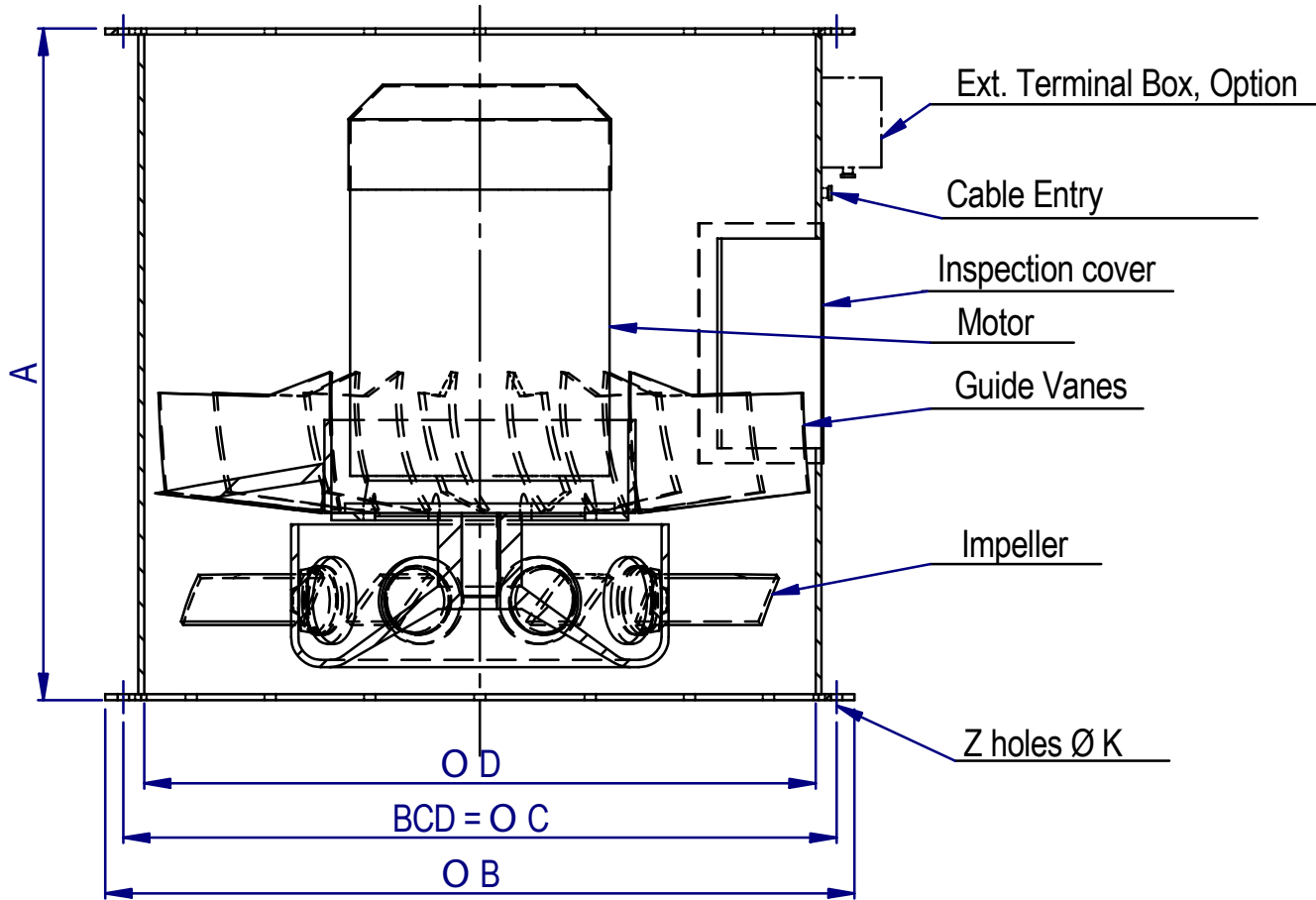
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**MPV - D1E**

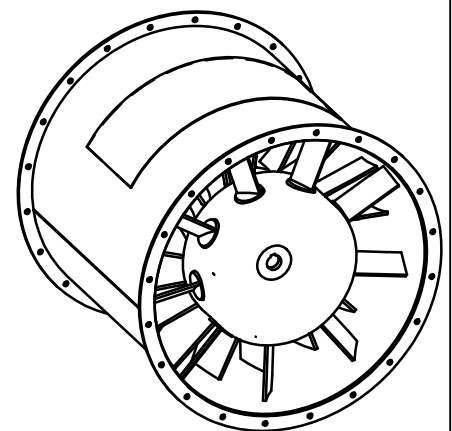


# NYBORG VANEAXIAL FAN Type "K"

**MPV - D1K**



MPV	A	B	C	D	T	Z x K	Weight [kg] excl. motor
250	400	334	310	250	3	8x12	22
315	350	400	360	315	3	8x14	25
355	455	440	405	355	3	8x14	46
400	410	484	460	400	3 (10)	12x14	52 (65)
500	600	584	560	500	3	12x14	80
630	510	736	698	630	4 (10)	16x14	81 (132)
710	660	806	775	710	4 (10)	16x14	126 (202)
800	720	906	870	800	4 (10)	16x19	146 (236)
900	970	1028	980	900	5 (10)	16x19	230 (336)
1000	970	1128	1080	1000	5 (10)	20x19	246 (377)
1120	1050	1228	1200	1120	5 (10)	20x19	337 (480)
1250	1200	1380	1320	1250	6 (10)	24x14	401 (588)
1600	1600	1730	1690	1600	6 (10)	32x19	745 (1095)



4-2226

16/12-02  
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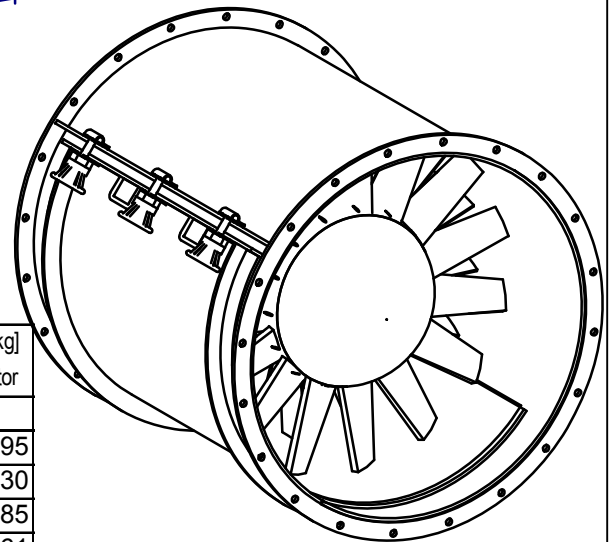
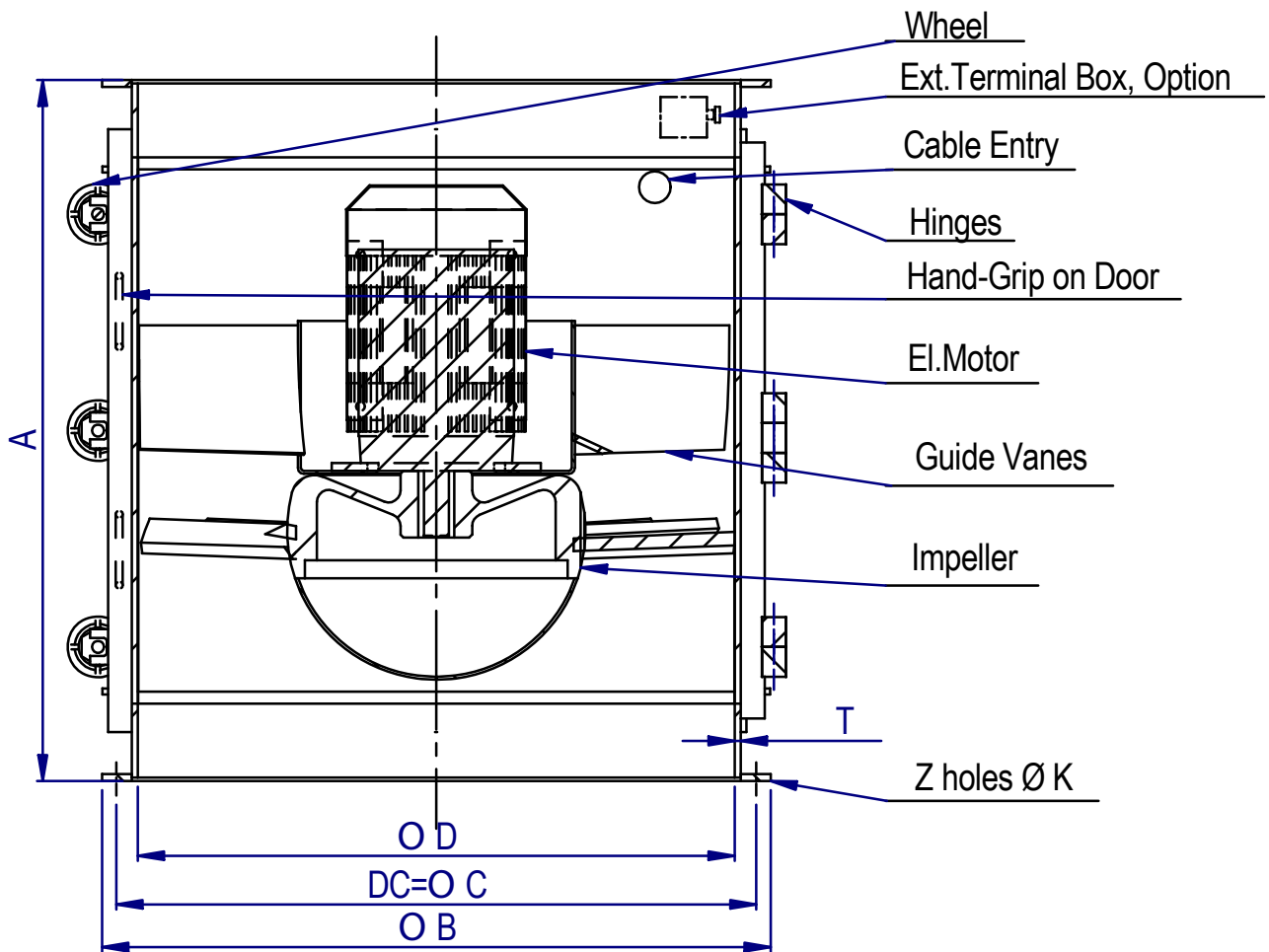
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**MPV - D1K**



# NYBORG VANEAXIAL FAN Type "M"

**MPV - D1M**



MPV	A	B	C	D	T	Z x K	Weight [kg] excl.motor
400	550	484	460	400	10	12x14	95
500	600	584	560	500	10	12x14	130
630	685	736	698	630	10	16x14	185
710	825	816	775	710	10	16x14	261
800	890	906	870	800	10	16x19	303
900	1175	1028	980	900	10	16x19	434
1000	1175	1128	1080	1000	10	20x19	476
1120	1250	1248	1200	1120	10	20x19	598
1250	1400	1380	1320	1250	10	24x14	675
1400	1500	1530	1490	1400	10	32x19	750

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**MPV - D1M**

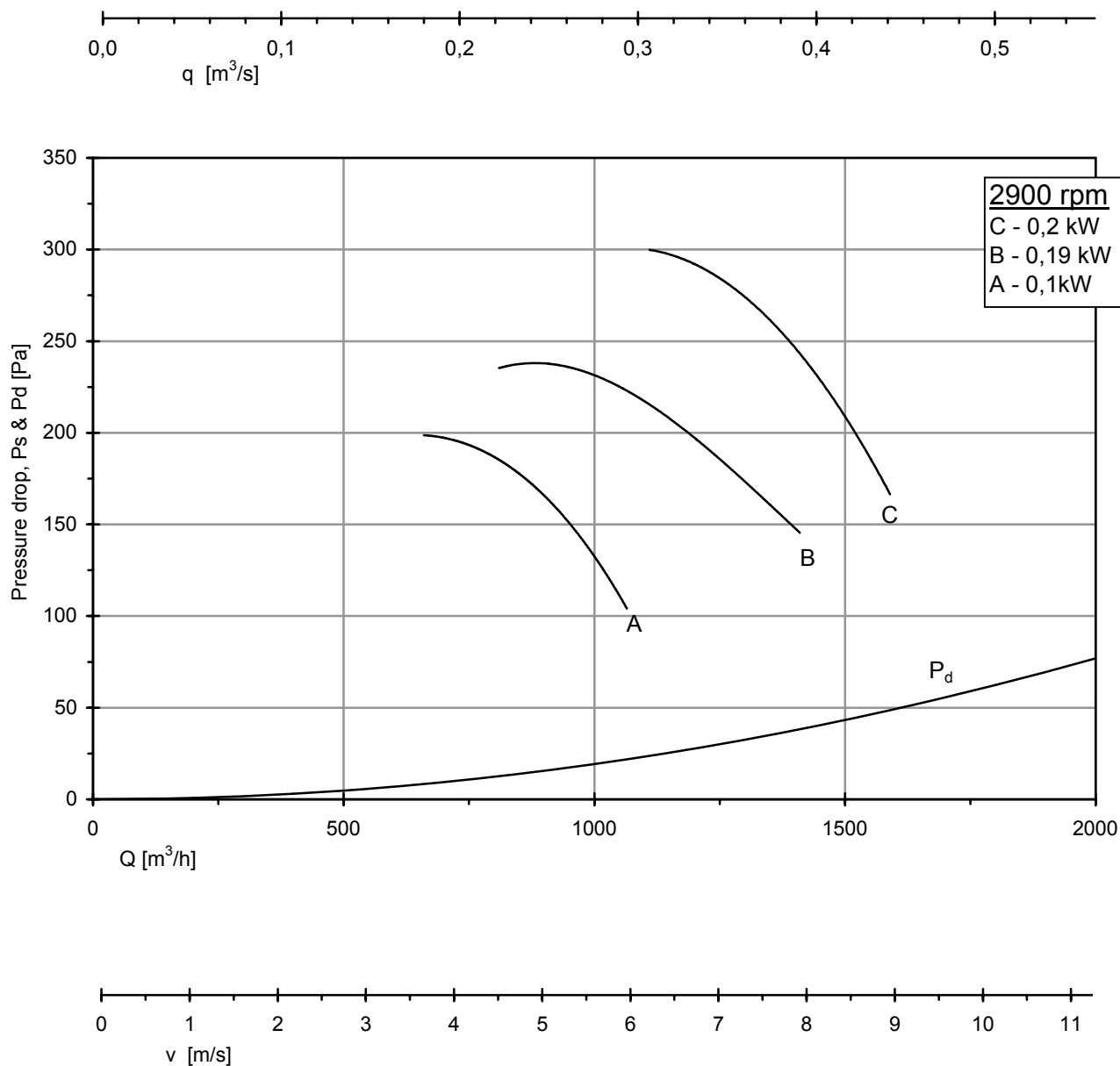


# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 2900 rpm (50Hz)

**MPV 250 D**

WOMR – 025K



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23.09.2005



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**MPV 250 D**  
WOMR – 025K

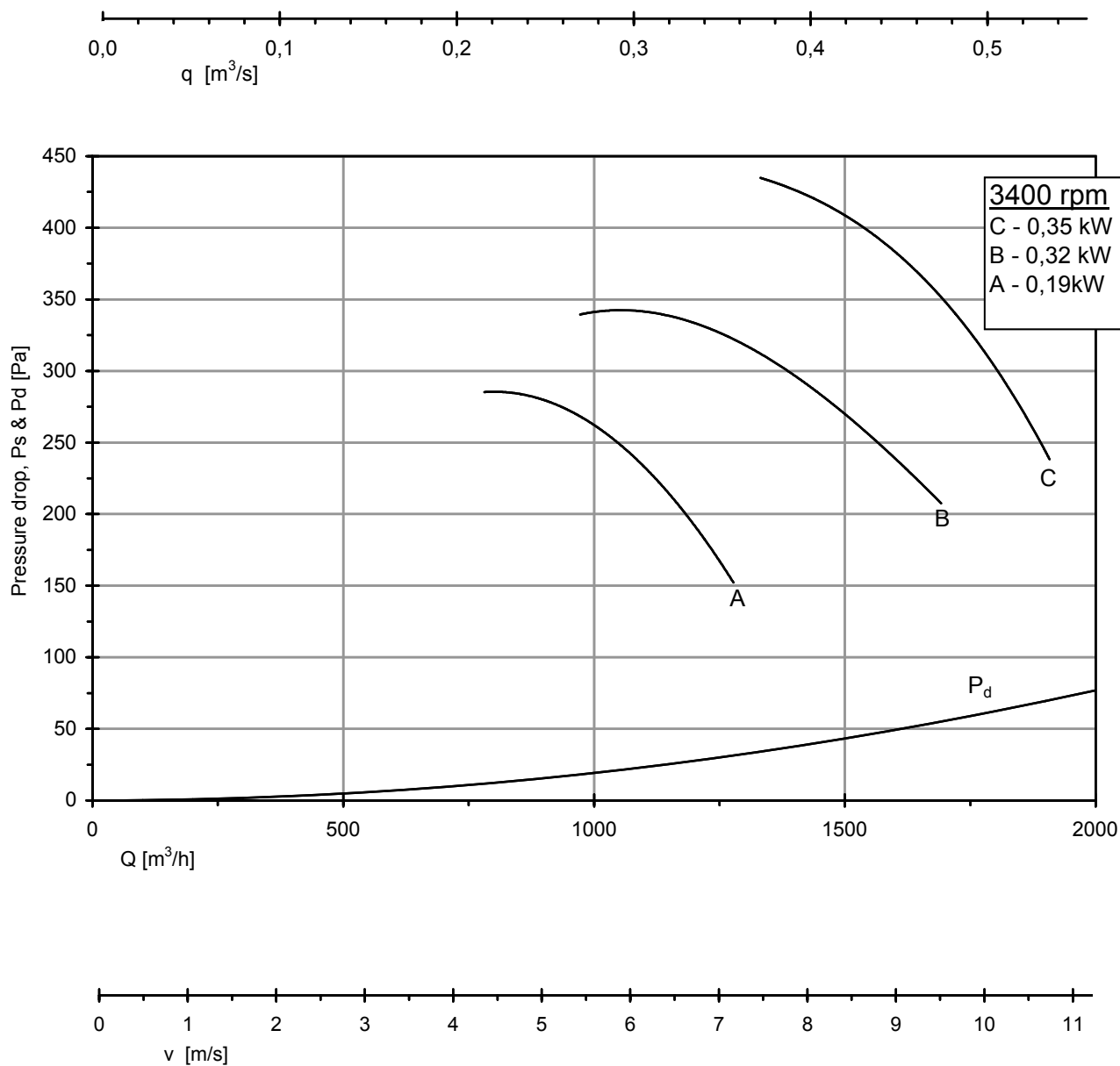


# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 3400 rpm (60Hz)

**MPV 250 D**

WOMR – 025K



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23.09.2005



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**MPV 250 D**

WOMR – 025K

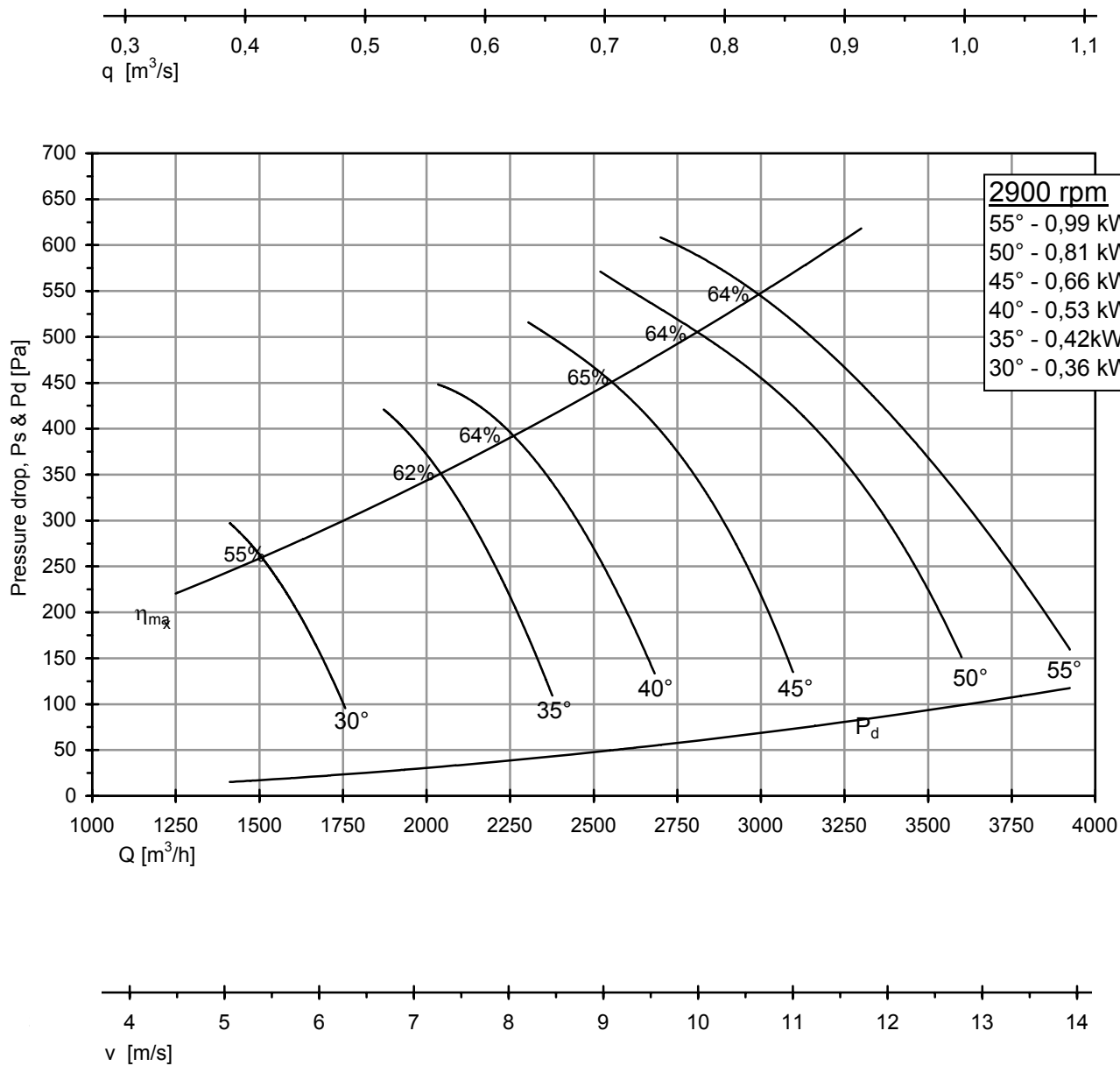


# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 2900 rpm (50Hz)

**MPV 315 D**

WOMR-031K



nybmw\_xls1-3



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**MPV 315 D  
WOMR - 031K**



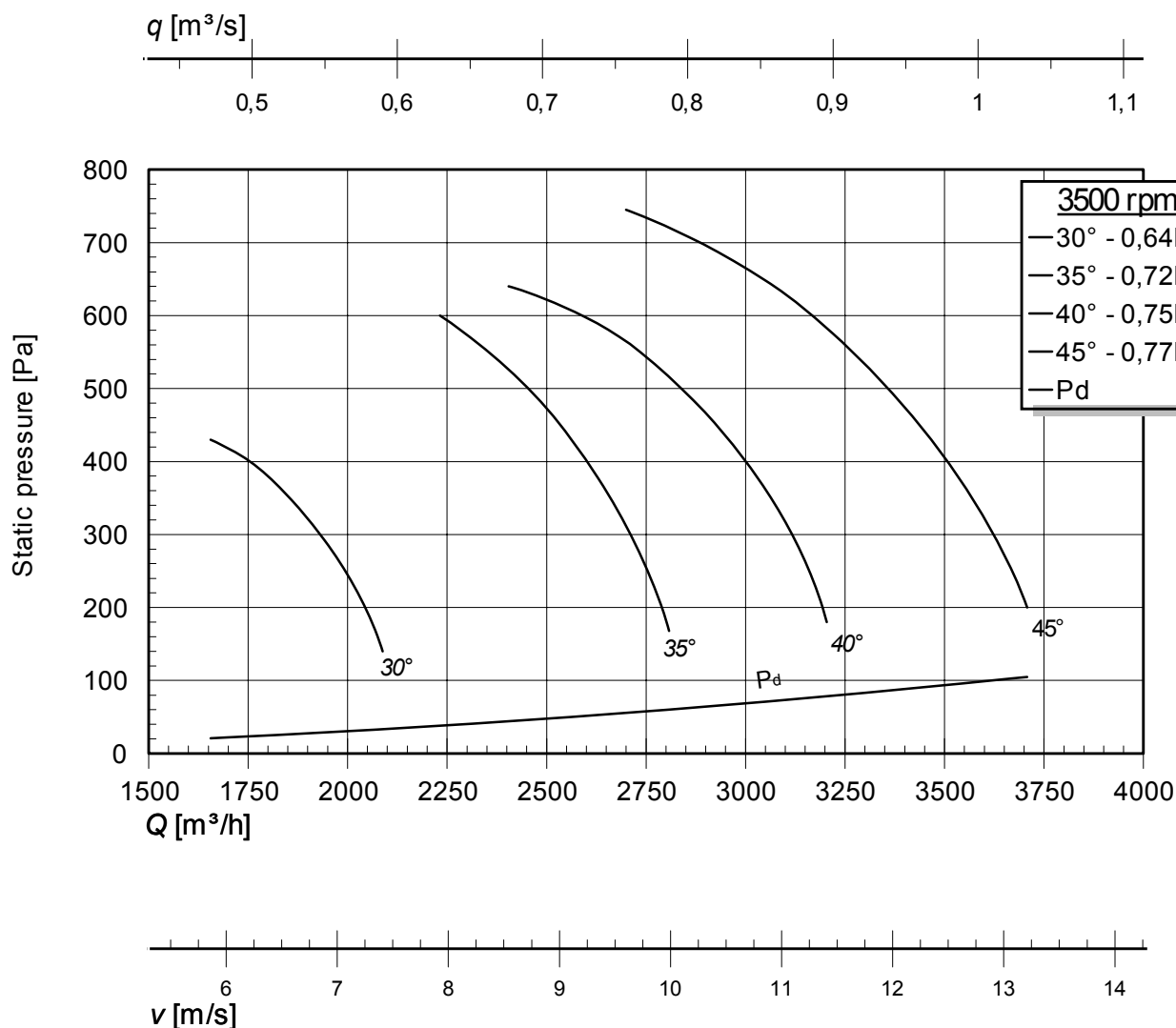


# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 3500rpm (60Hz)

**MPV 315 D**

WOMR-031K



N-mw04-29



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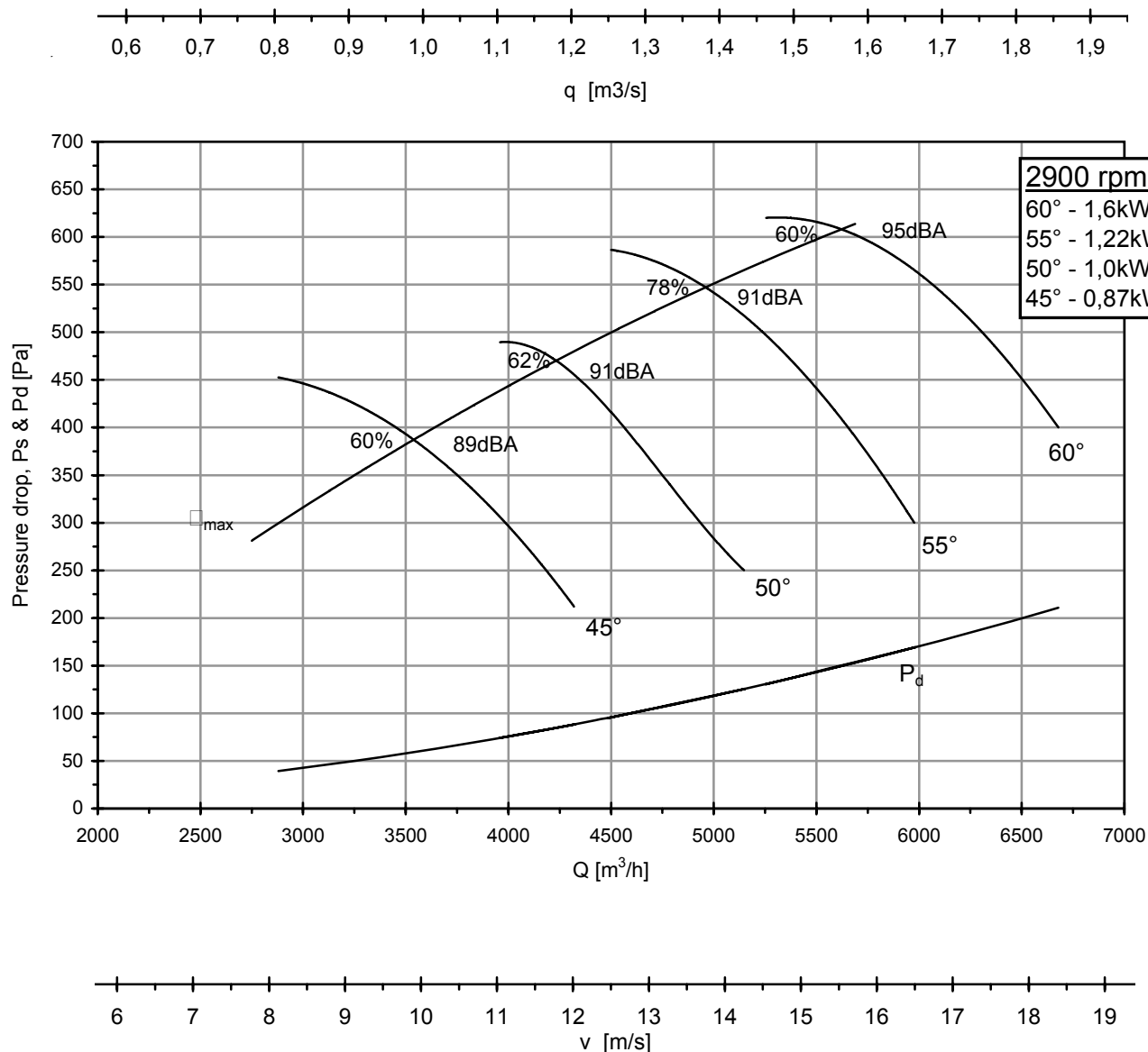
**MPV 315 D  
WOMR - 031K**



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 2900 rpm (50Hz)

Imp: WOM-355

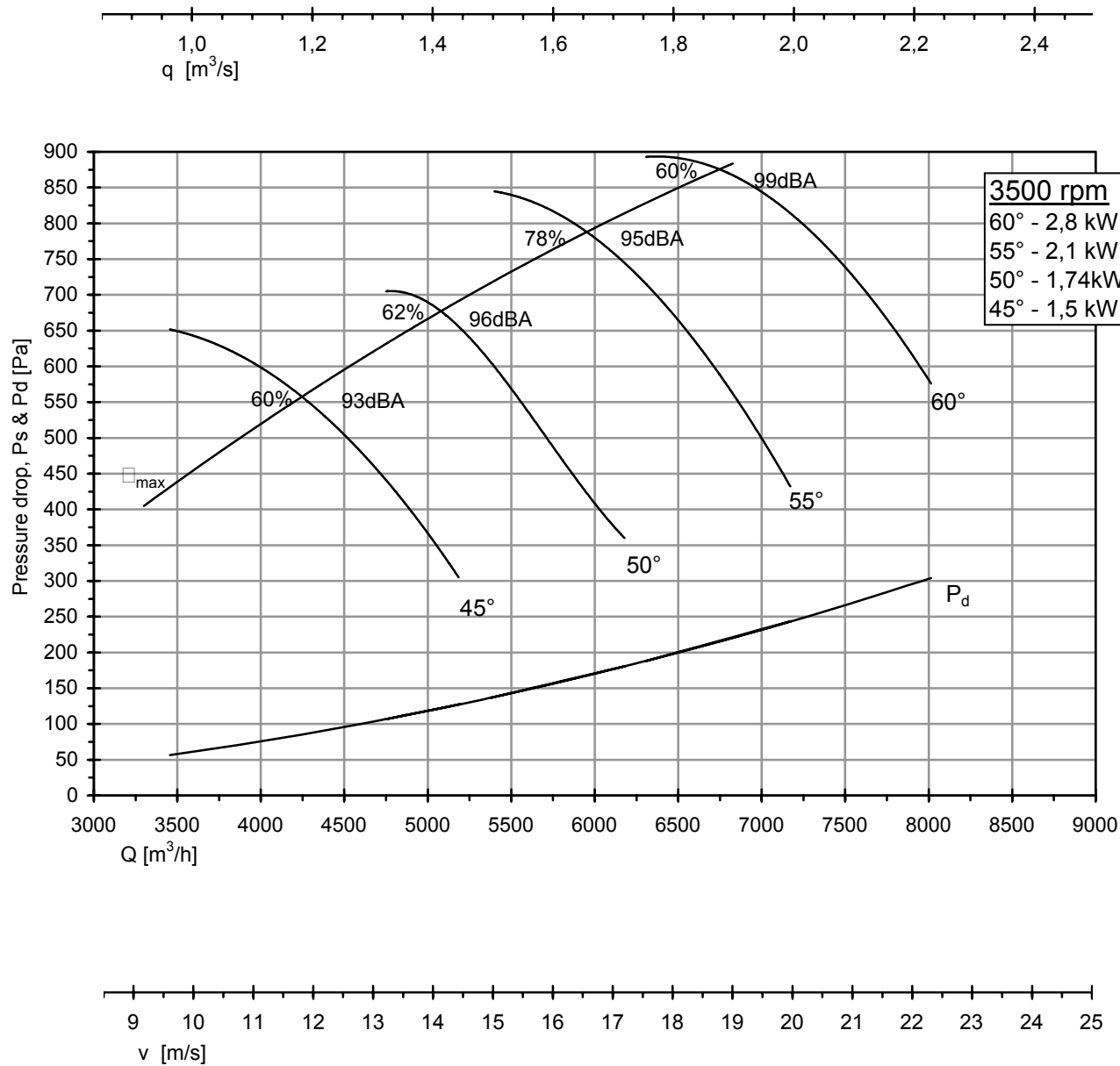




# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 3500 rpm (60Hz)

**MPV 355 D1**

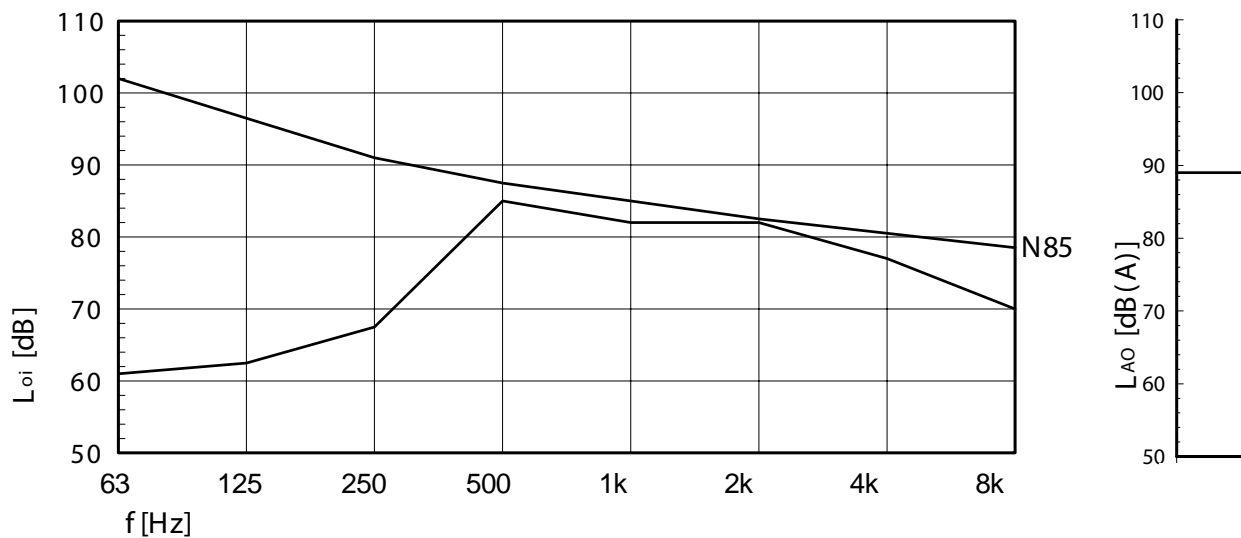
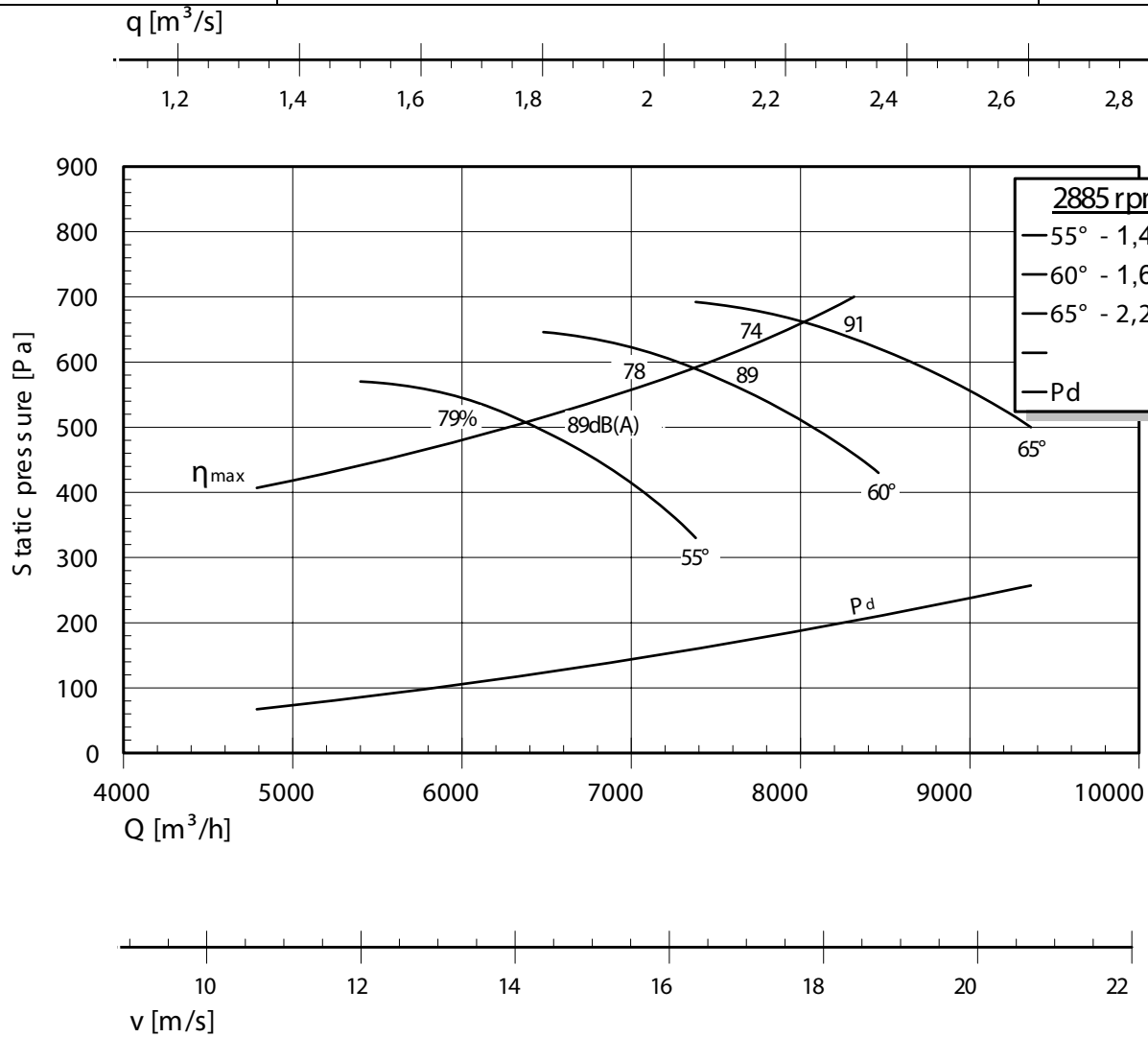




# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 2855 rpm (50Hz)

MPV 400 D1  
WOM(O) 40



Acoustic pressure level spectrum  $L_{oi}$  measured close to optimum working point for  $n=2885$  r.p.m. and angle  $55^\circ$ , distance = 1m

n-mw04prs-2



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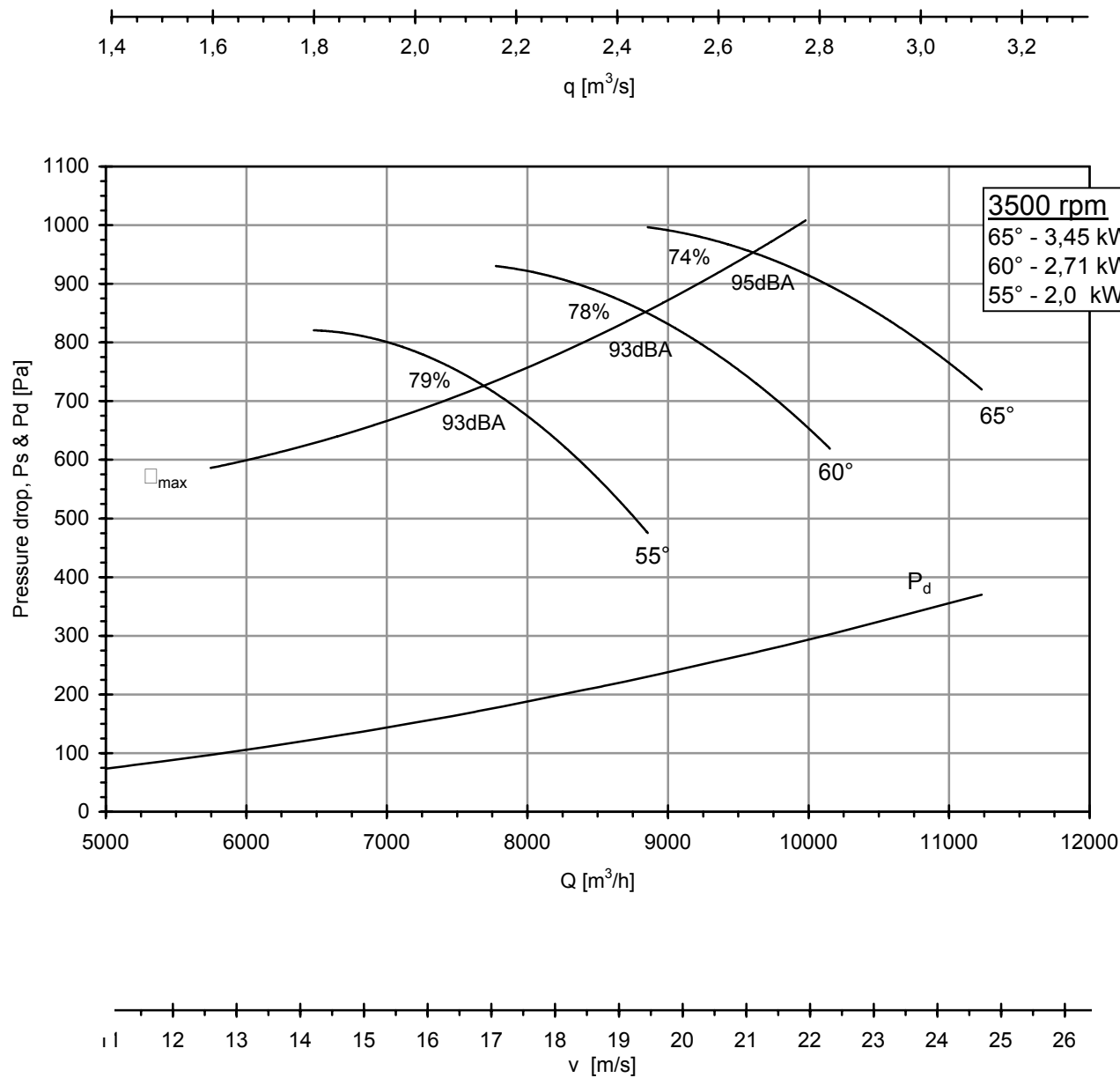
MPV 400 D1  
WOM(O) 40



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 3500 rpm (60Hz)

MPV 400 D1  
WOM(O) 40



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27.09.2005



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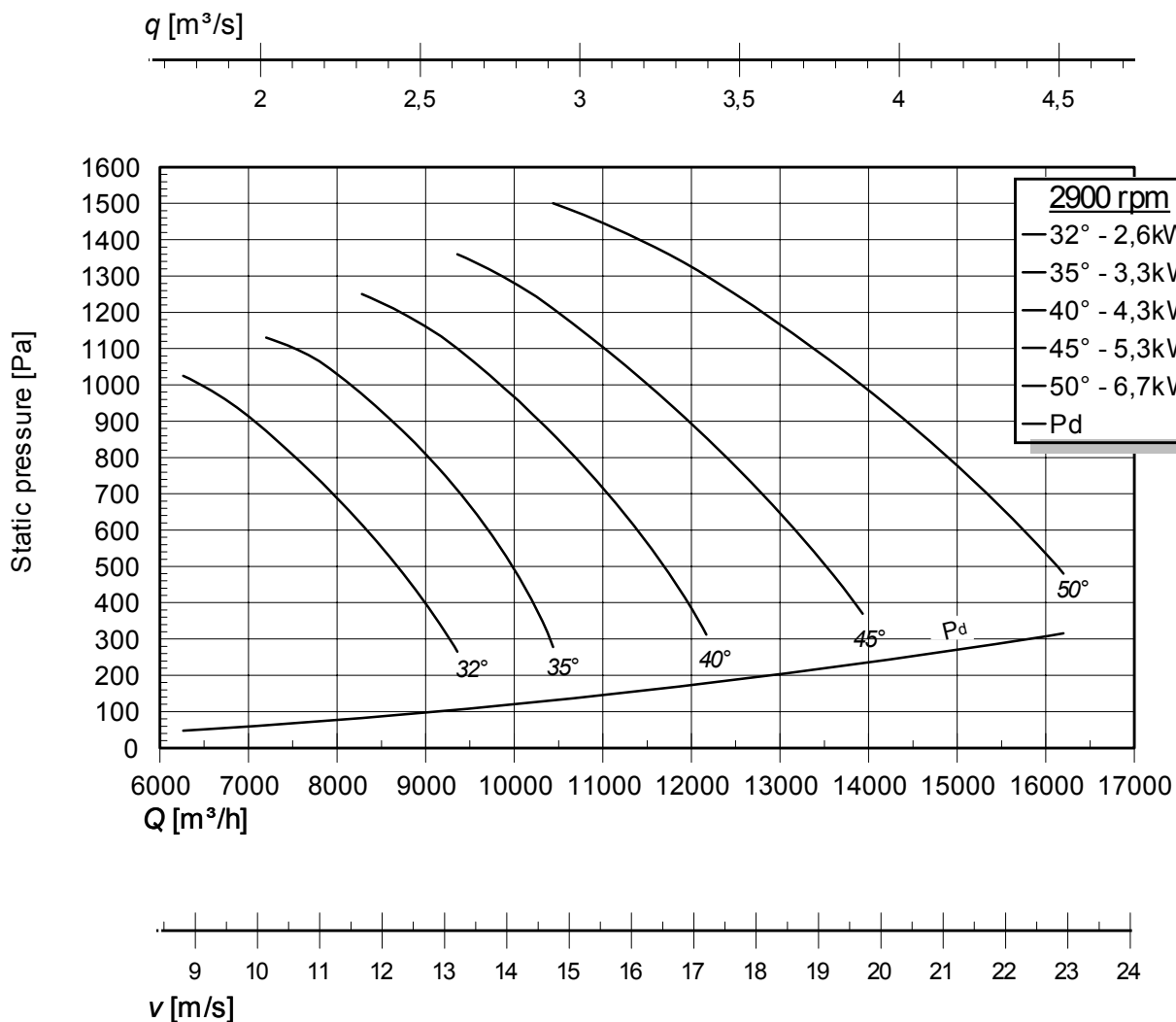
MPV 400 D1  
WOM(O) 40



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 2900rpm (50Hz)

**MPV 500 D**  
WOMR 050K  
WOMB 050K



N-mw04-26



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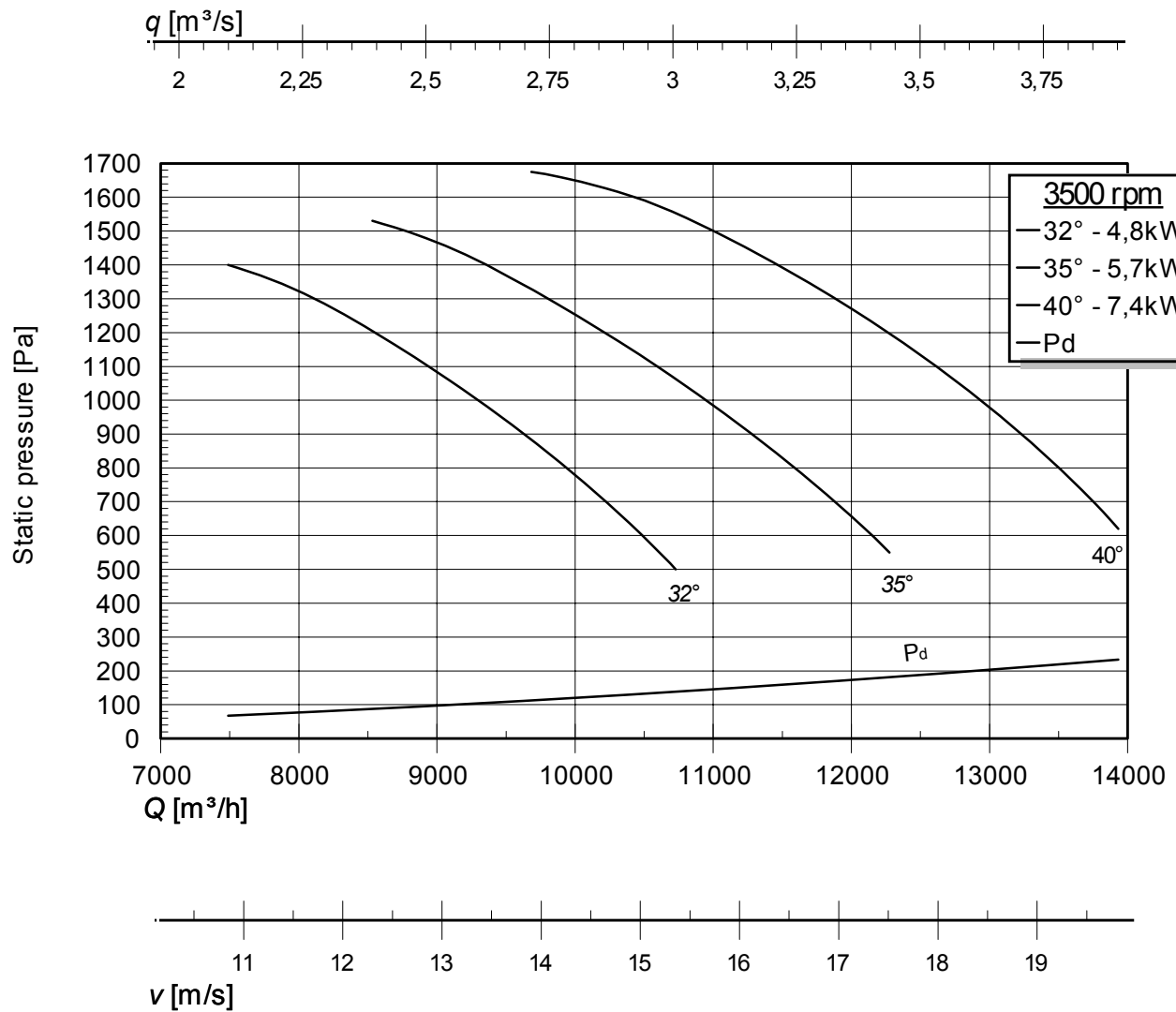
**MPV 500 D**  
WOMR 050K  
WOMB 050K



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 3500rpm (60Hz)

**MPV 500 D**  
WOMR 050K  
WOMB 050K



N-mw04-27



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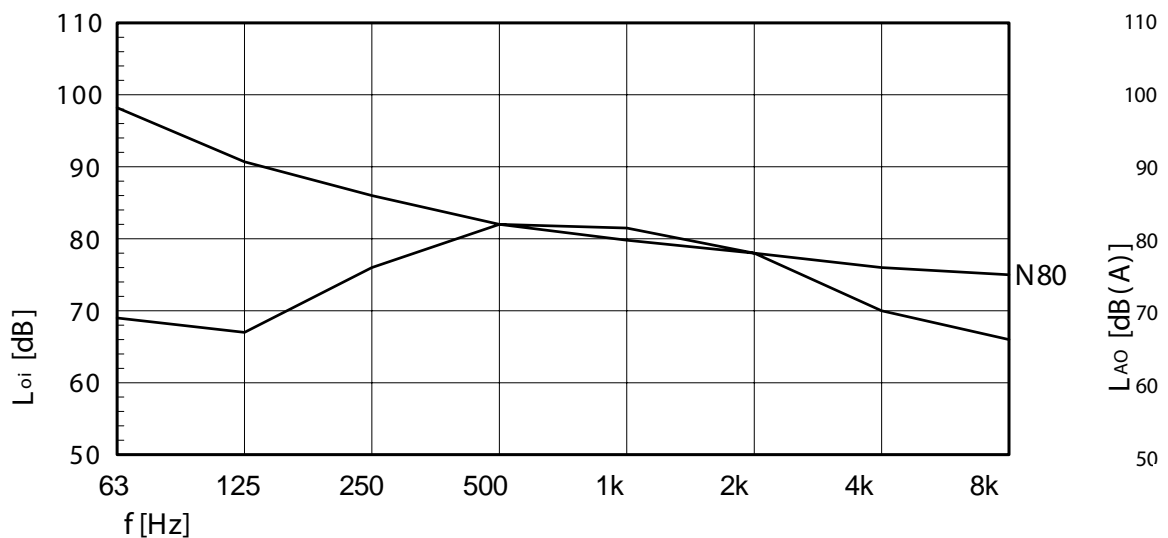
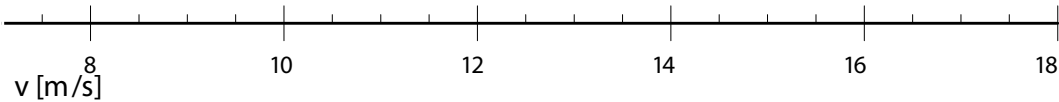
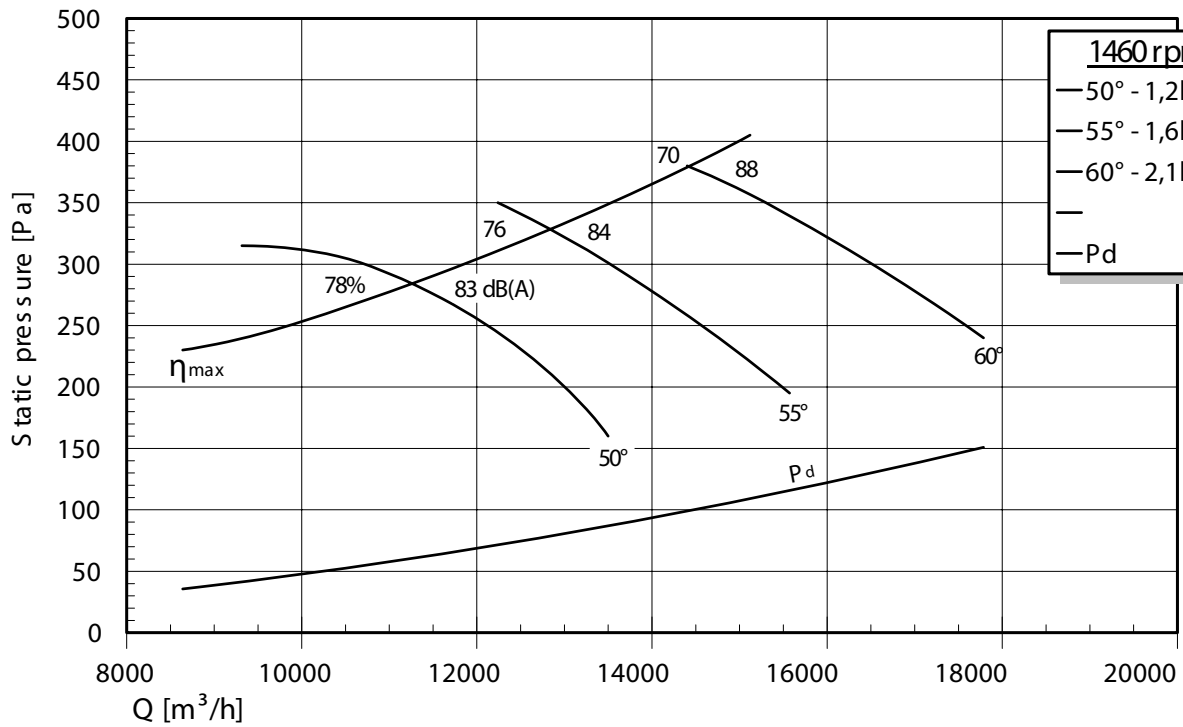
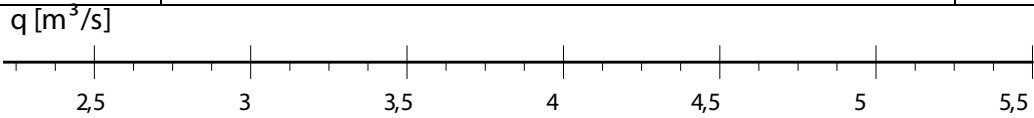
**MPV 500 D**  
WOMR 050K  
WOMB 050K



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1460 rpm (50Hz)

MPV 630 D1  
WOM(O) - 63



n-mw04prs-4



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MPV 630 D1  
WOM(O) - 63

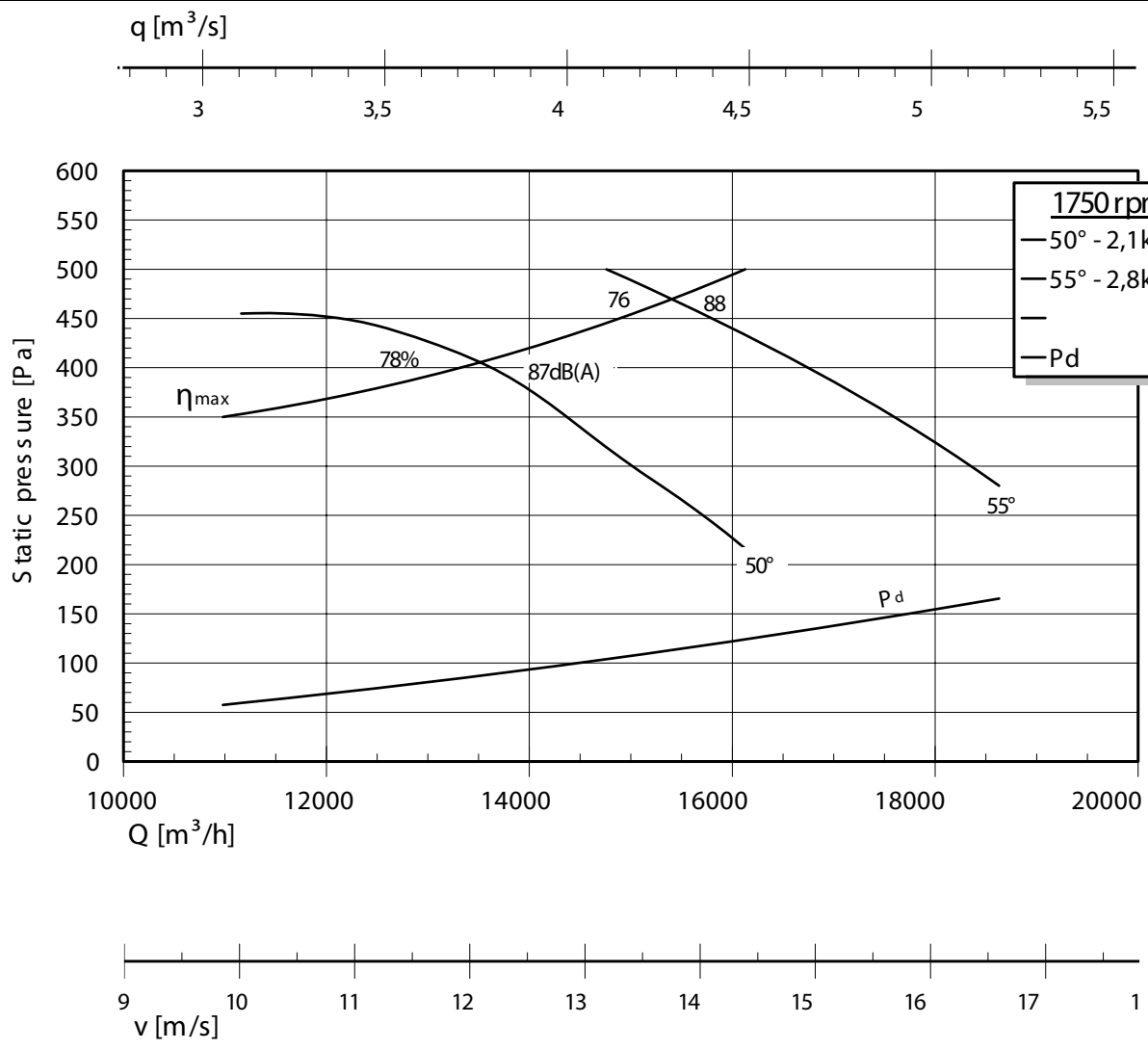




# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1750 rpm (60Hz)

MPV 630 D1  
WOM(O) - 63



n-mw04prs-5



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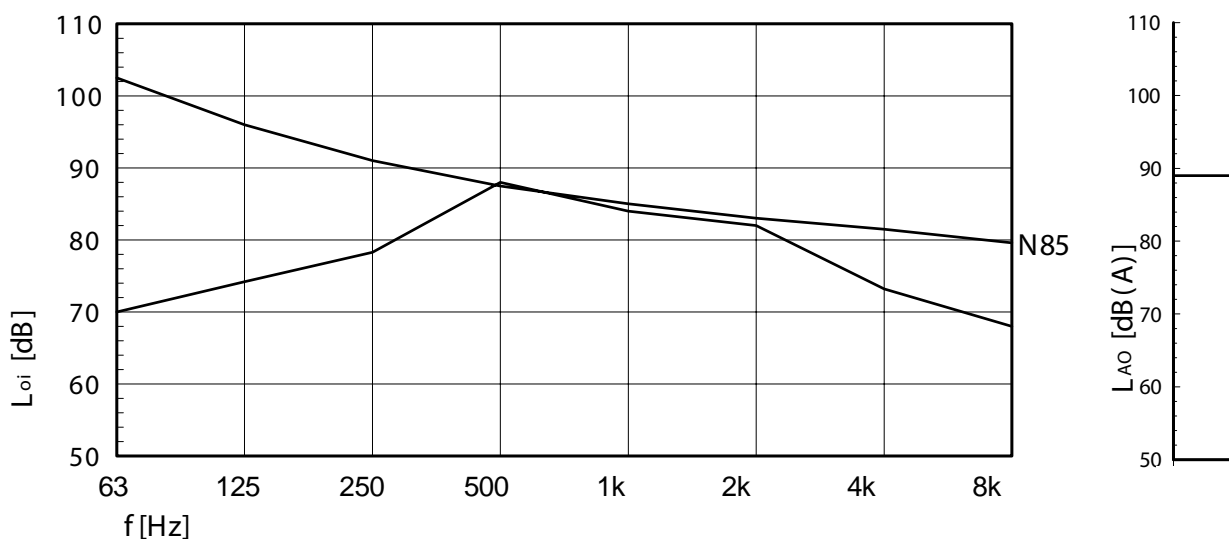
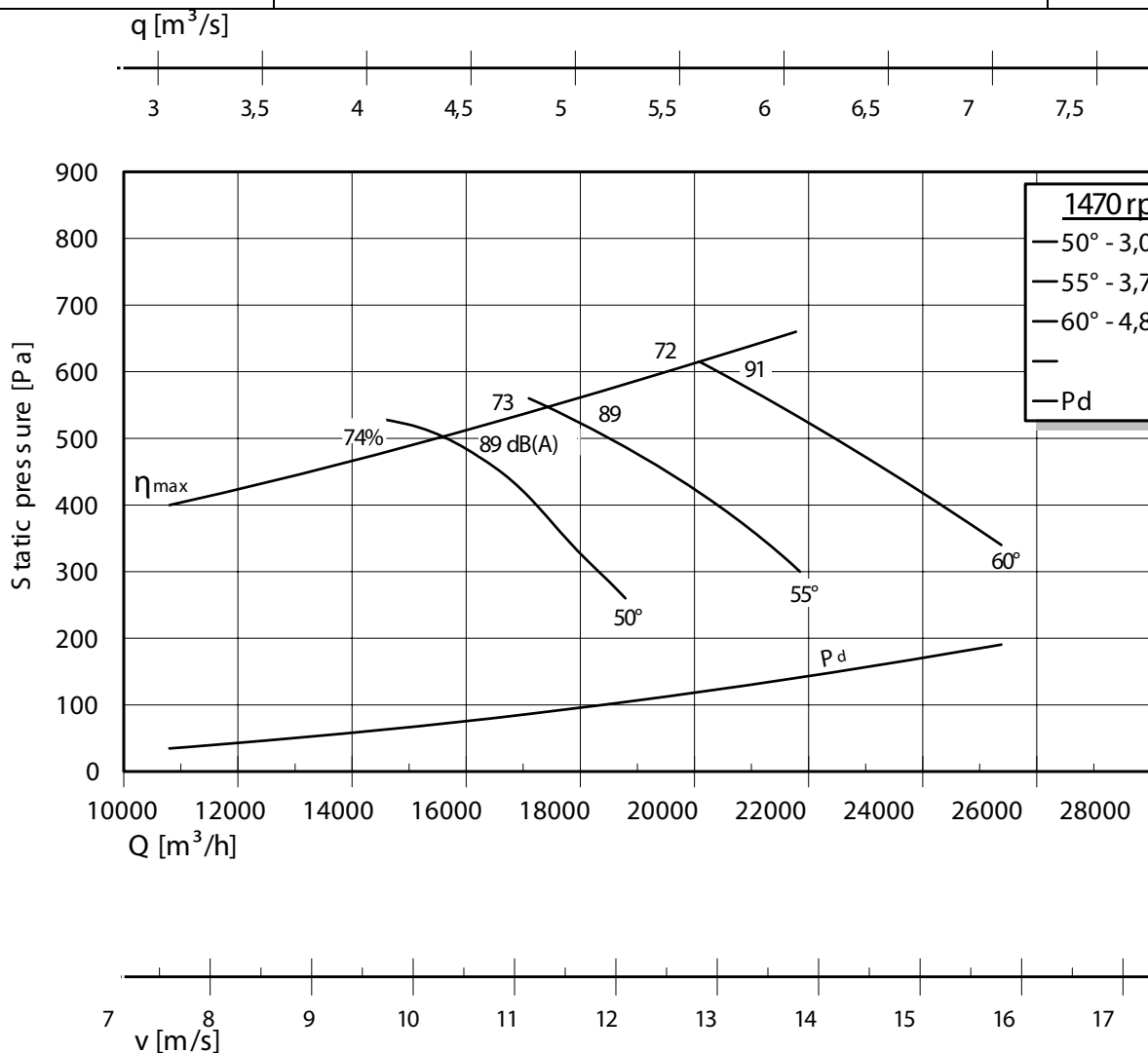
MPV 630 D1  
WOM(O) - 63



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1470 rpm (50Hz)

MPV 710 D1  
WOM(O) - 71



Acoustic pressure level spectrum  $L_{oi}$  measured close to optimum working point for  $n=1470$  r.p.m. and angle  $55^\circ$ , distance = 1m

n-mw04prs-6



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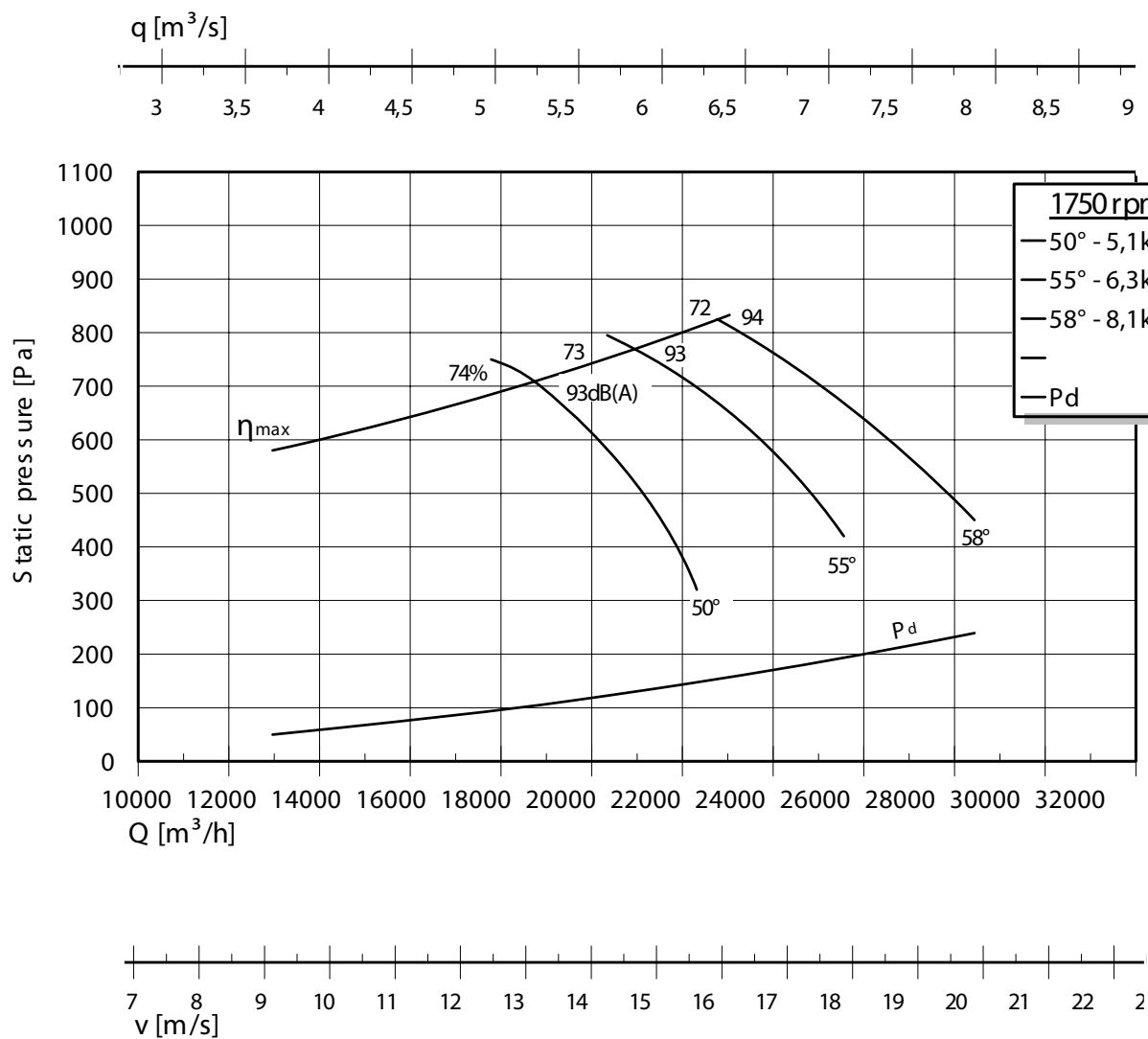
MPV 710 D1  
WOM(O) - 71



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1750 rpm (60Hz)

MPV 710 D1  
WOM(O) - 71



n-mw04prs-7



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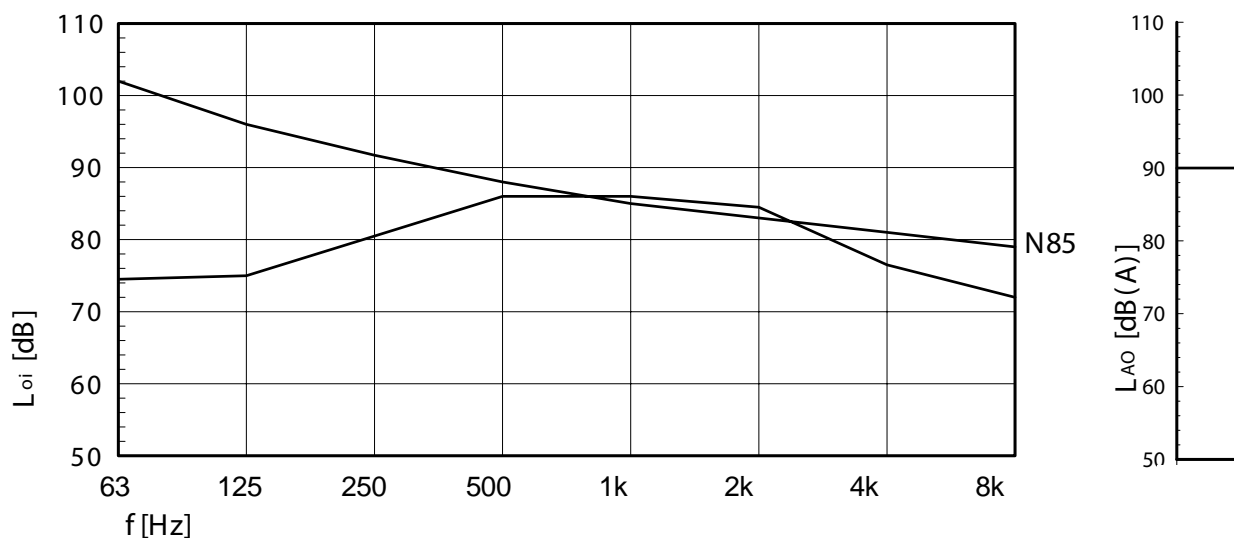
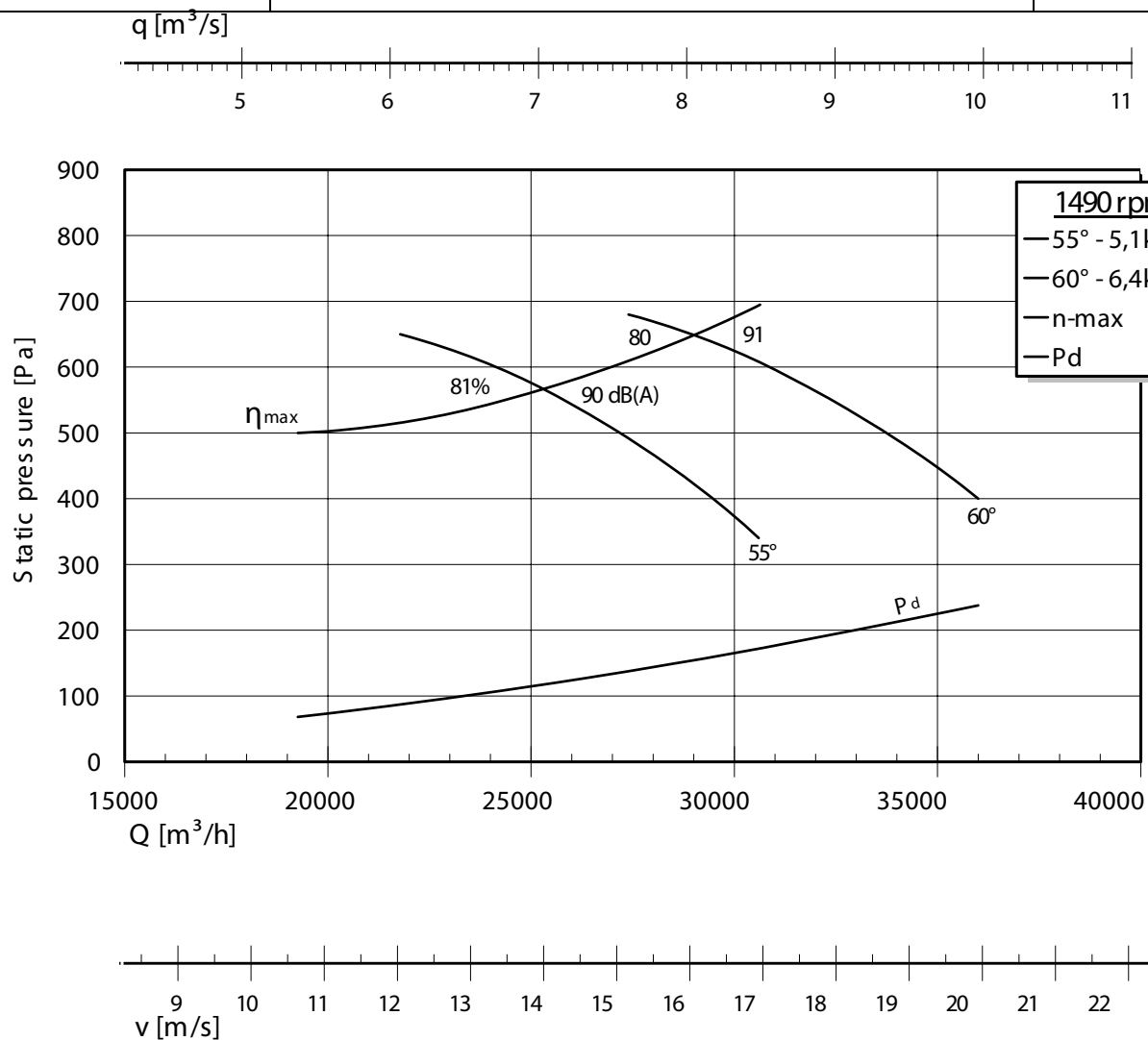
MPV 710 D1  
WOM(O) - 71



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1490 rpm (50Hz)

MPV 800 D1  
WOM(O) - 80



Acoustic pressure level spectrum  $L_{oi}$  measured close to optimum working point for  $n=1490$  r.p.m. and angle  $55^\circ$ , distance = 1m

n-mw04prs-8



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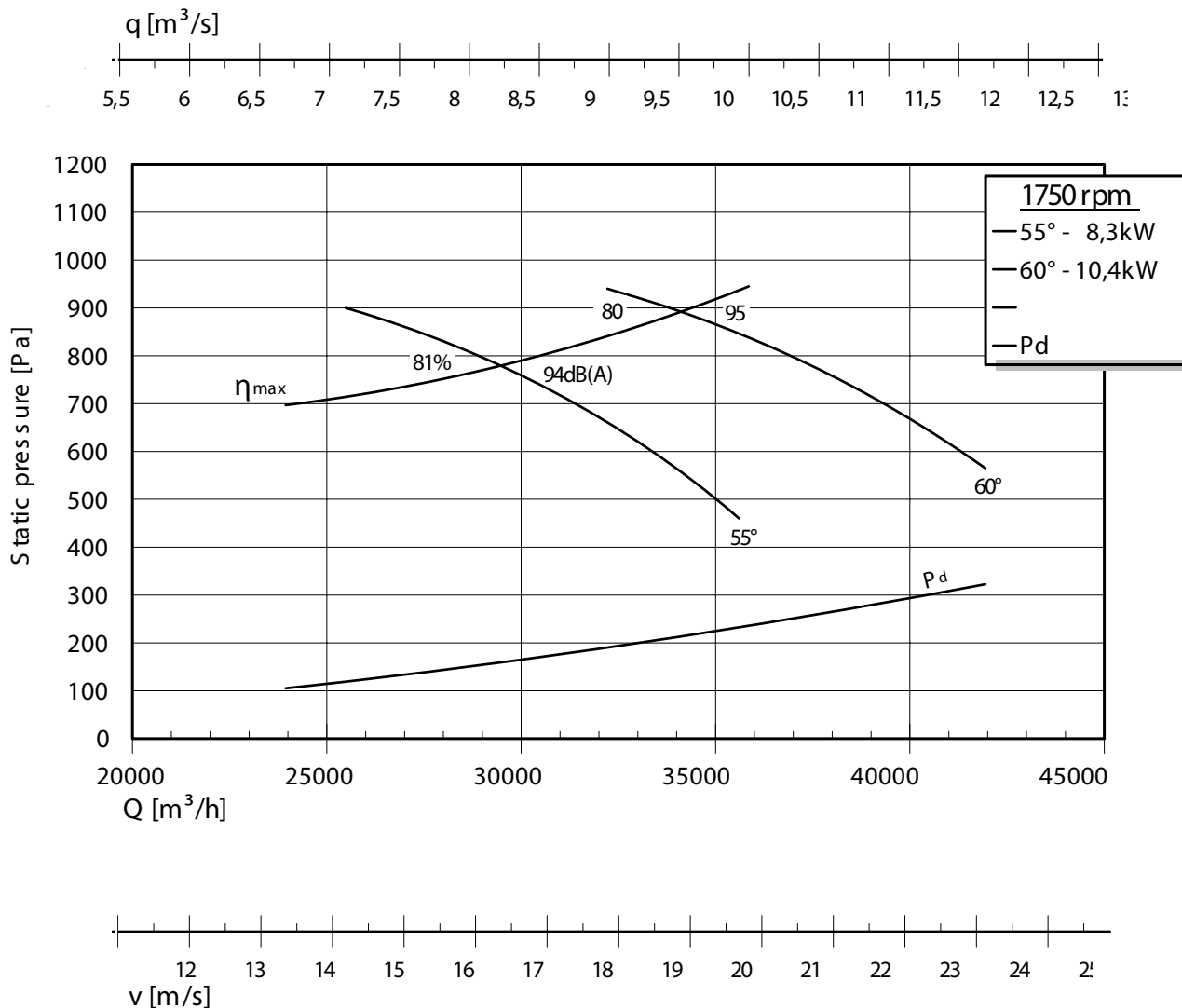
MPV 800 D1  
WOM(O) - 80



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1750 rpm (60Hz)

MPV 800 D1  
WOM(O) - 80



n-mw04prs-9



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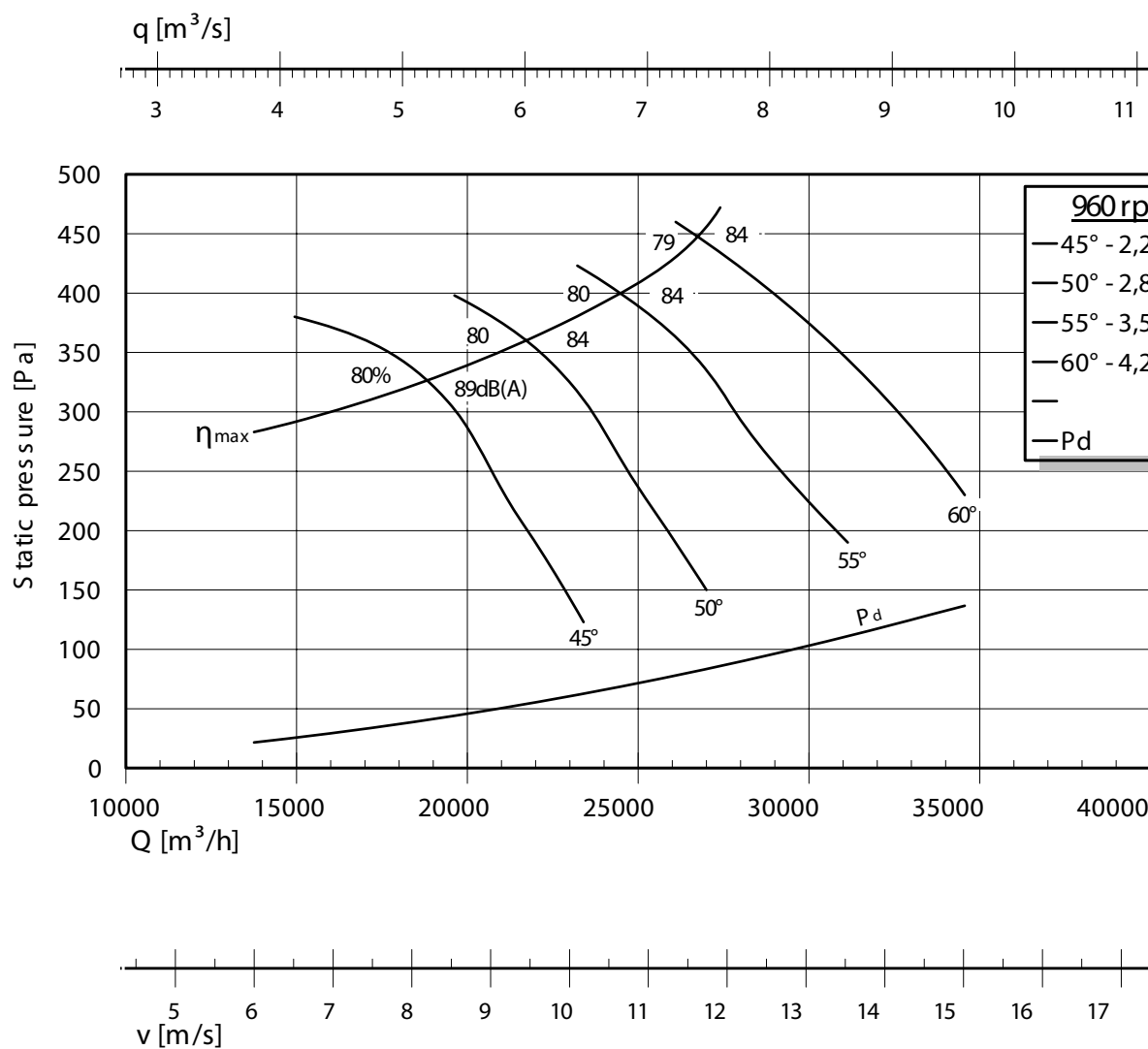
MPV 800 D1  
WOM(O) - 80



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 960 rpm (50Hz)

MPV 900 D1  
WOM(O) - 90



n-mw04prs-10



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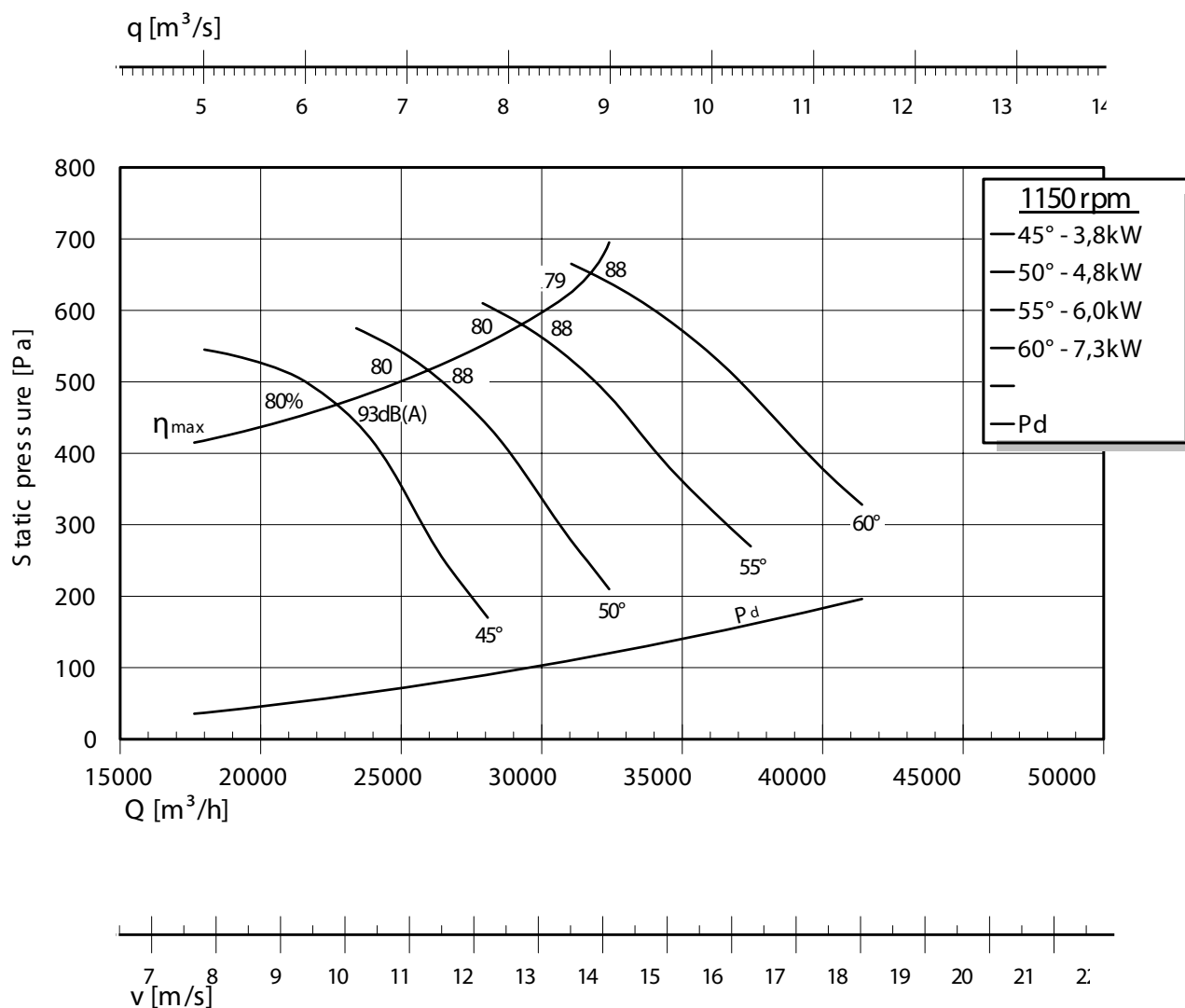
MPV 900 D1  
WOM(O) - 90



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1150 rpm (60Hz)

MPV 900 D1  
WOM(O) - 90



n-mw04prs-11



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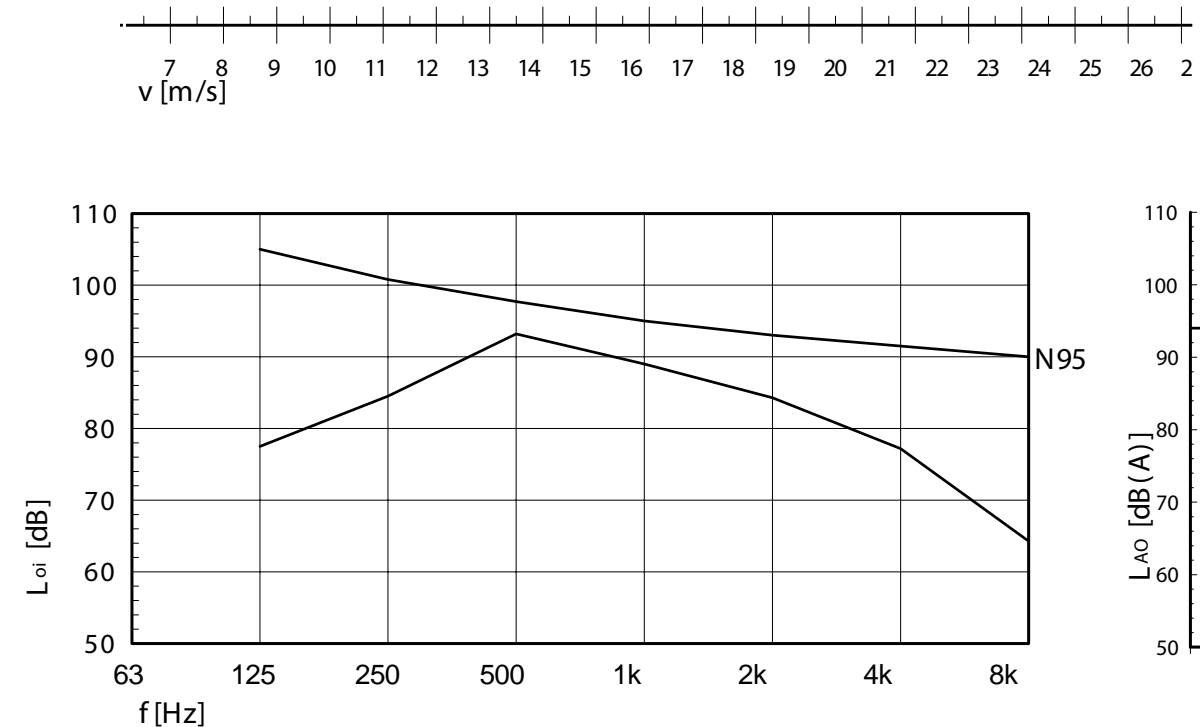
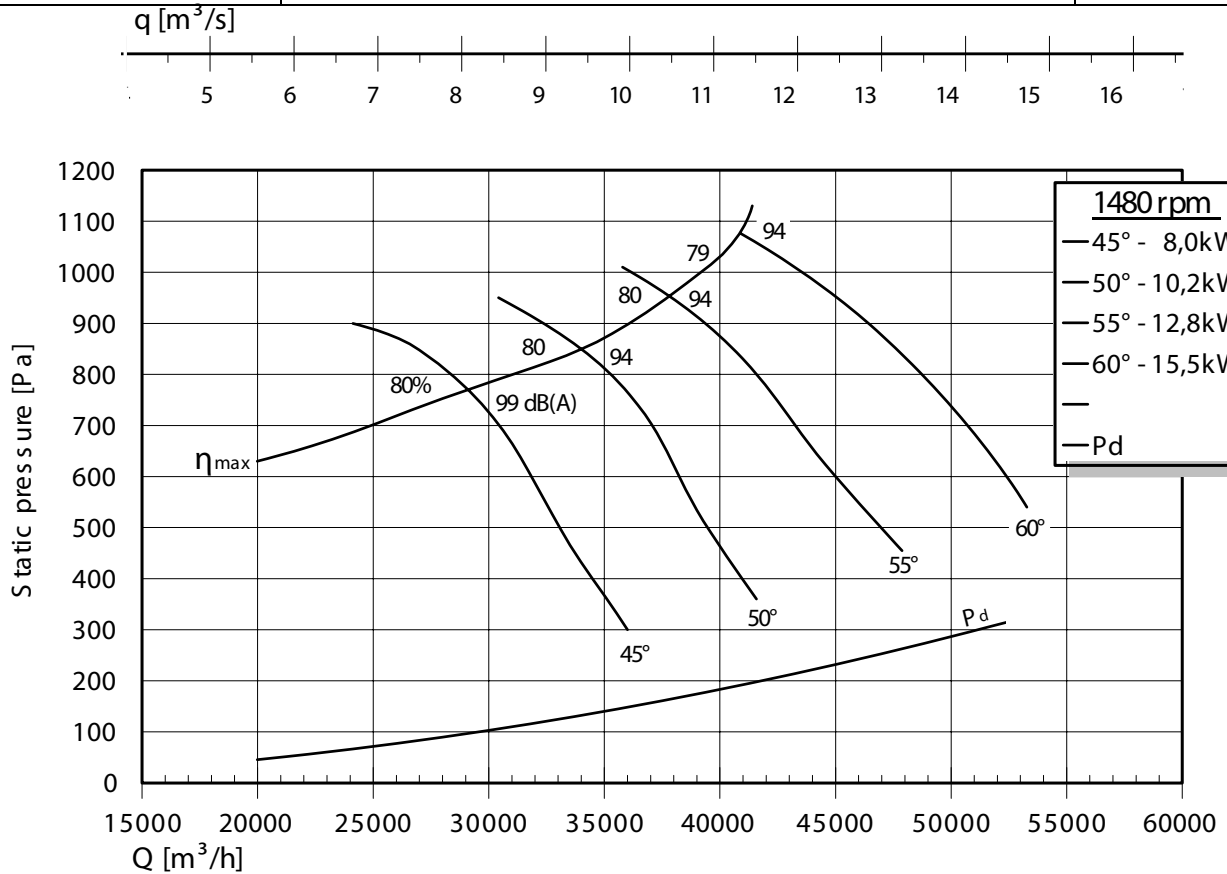
MPV 900 D1  
WOM(O) - 90



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1450 rpm (50Hz)

MPV 900 D1  
WOM(O) - 90



Acoustic pressure level spectrum  $L_{oi}$  measured close to optimum working point for  $n=1480$  r.p.m. and angle  $50^\circ$ , distance = 1m

n-mw04prs-12



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MPV 900 D1  
WOM(O) - 90

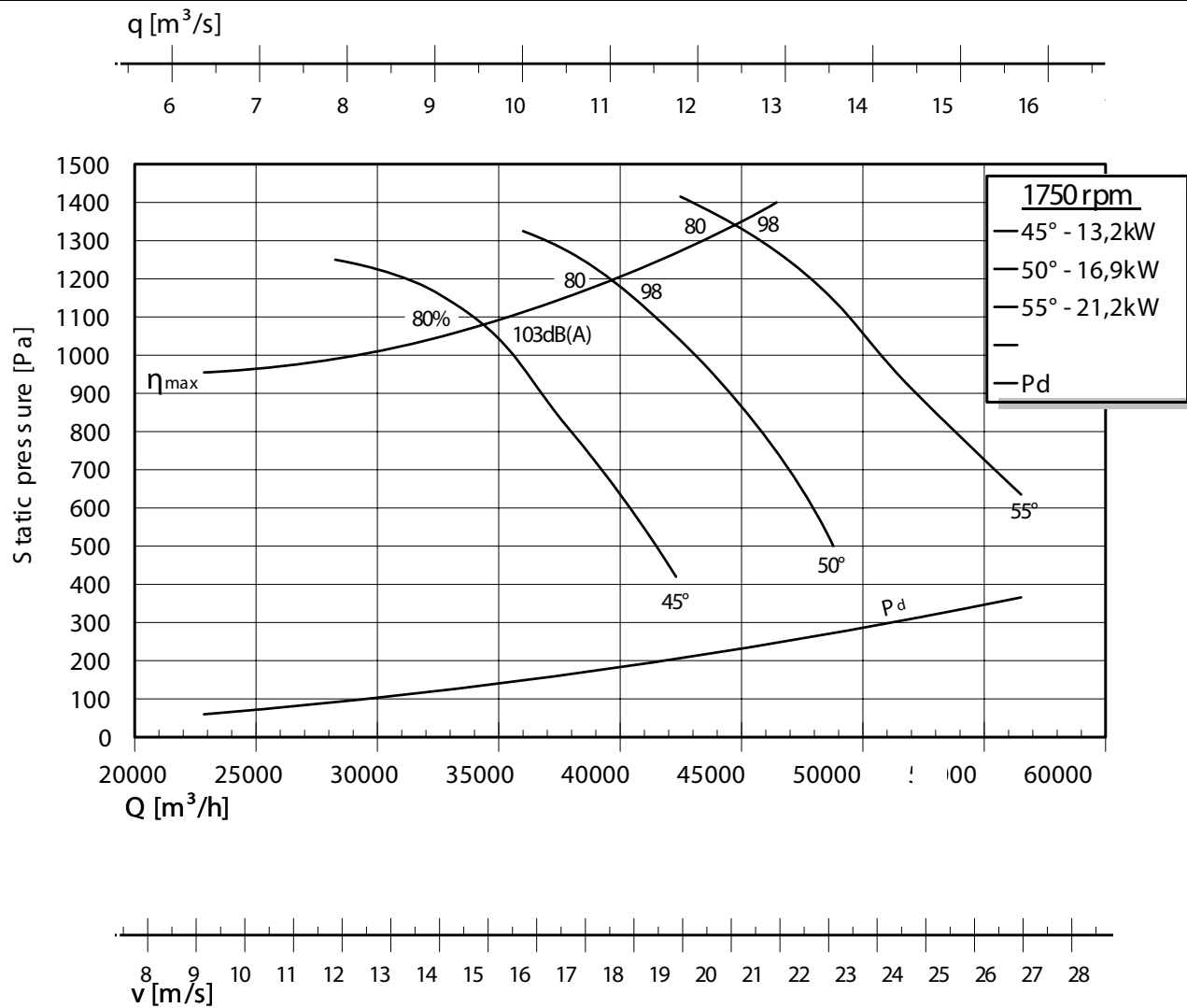




# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1750 rpm (60Hz)

MPV 900 D1  
WOM(O) - 90



n-mw04prs-13



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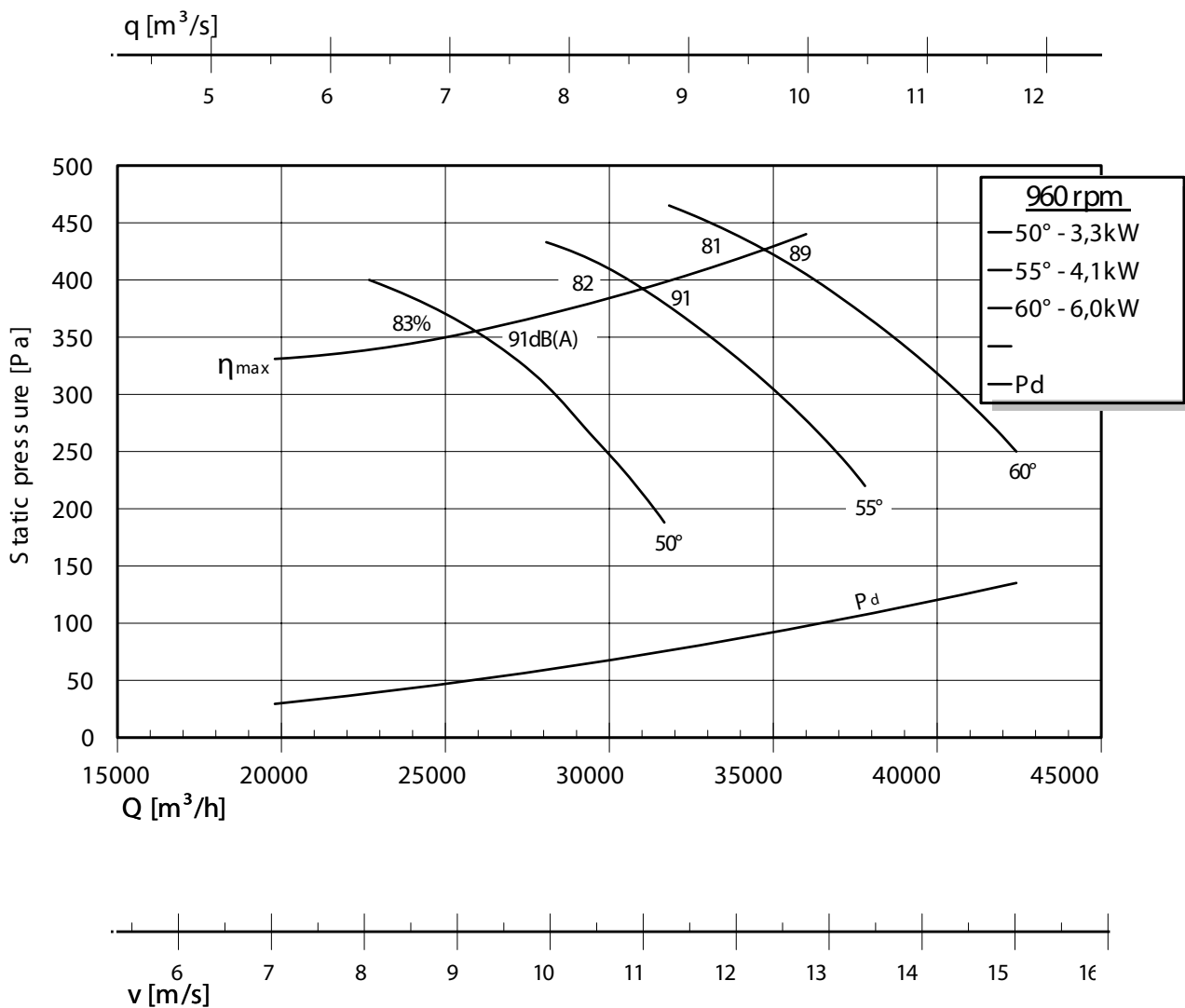
MPV 900 D1  
WOM(O) - 90



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 960 rpm (50Hz)

MPV 1000 D1  
WOM(O) - 100



n-mw04prs-14



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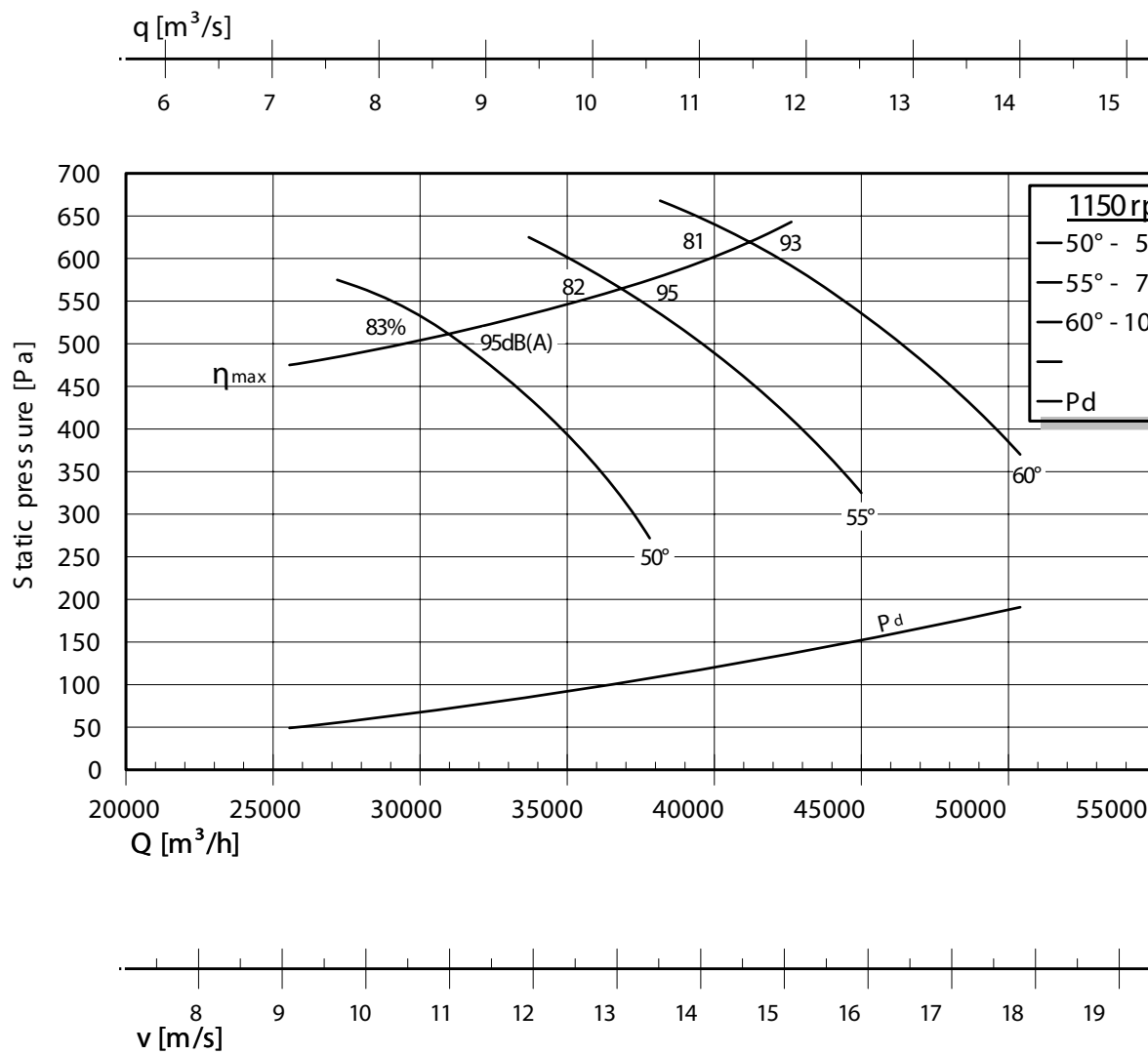
MPV 1000 D1  
WOM(O) - 100



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1150 rpm (60Hz)

MPV 1000 D1  
WOM(O) - 100



n-mw04prs-15



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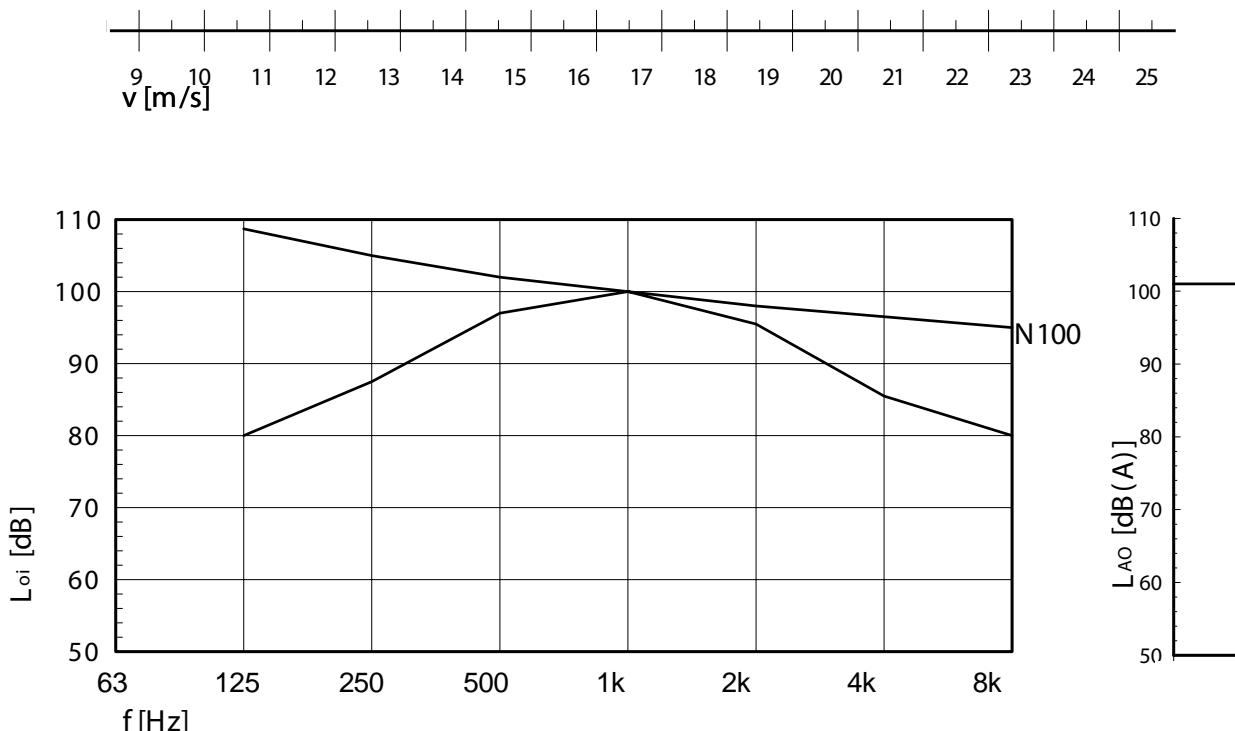
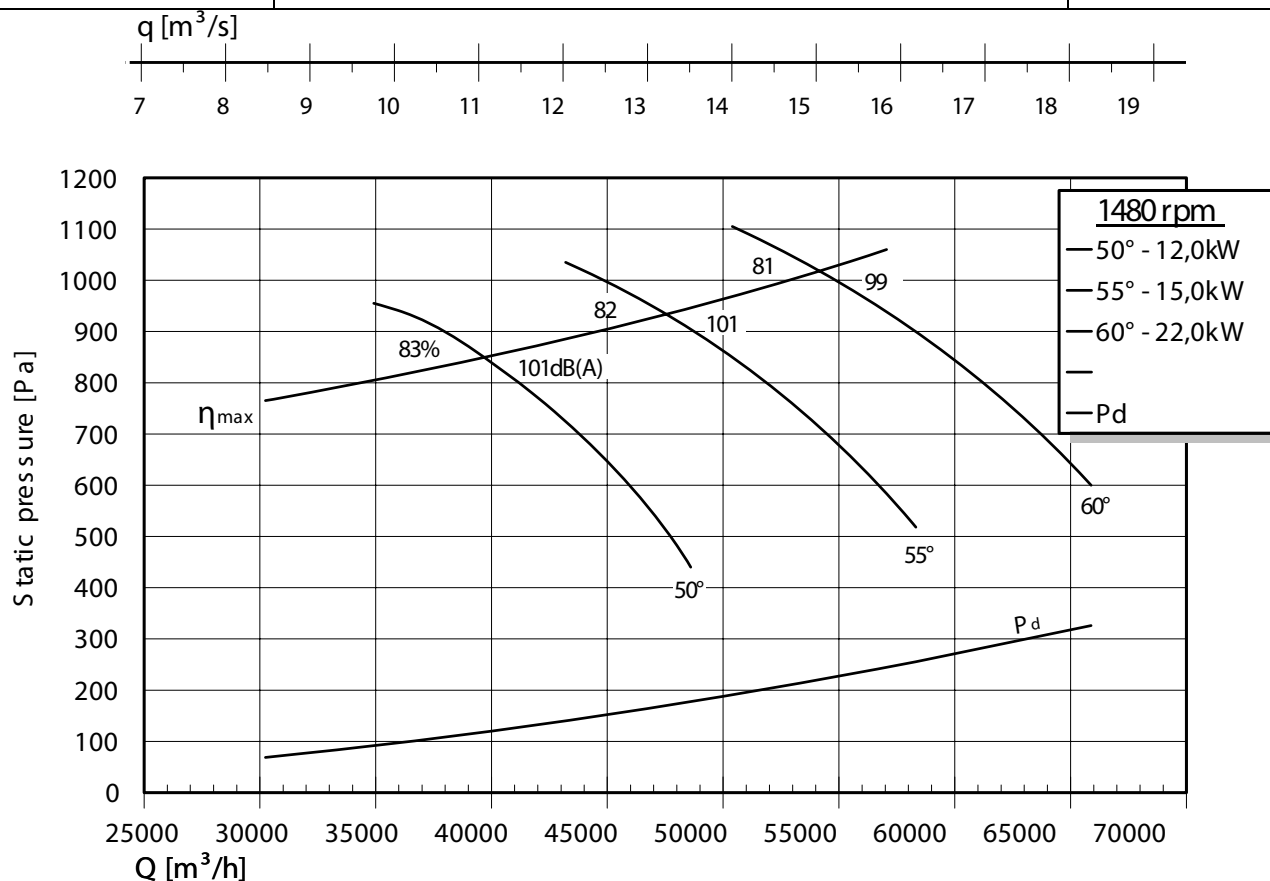
MPV 1000 D1  
WOM(O) - 100



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1480 rpm (50Hz)

MPV 1000 D1  
WOM(O) - 100



n-mw04prs-16



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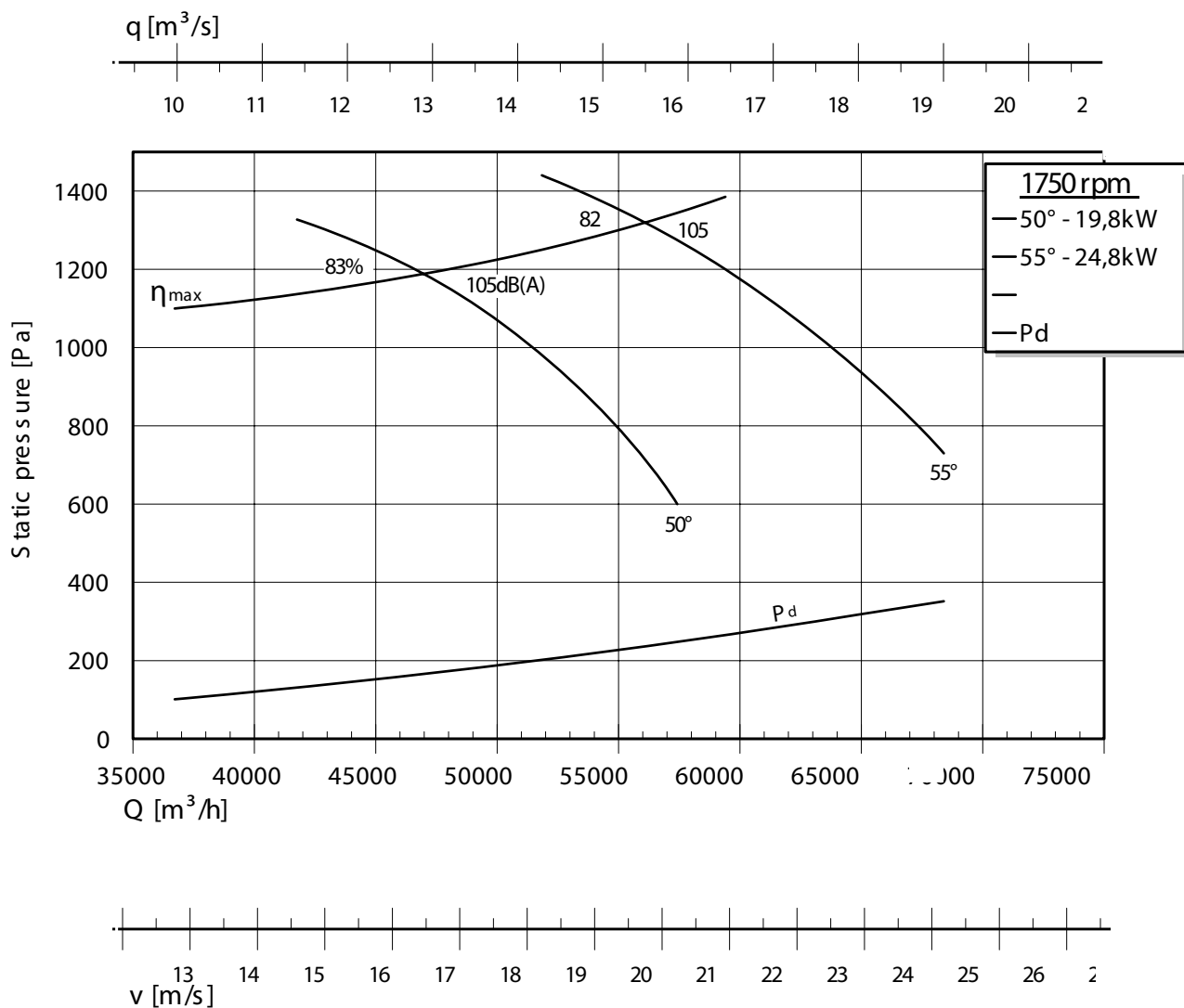
MPV 1000 D1  
WOM(O) - 100



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1750 rpm (60Hz)

MPV 1000 D1  
WOM(O) - 100



n-mw04prs-17



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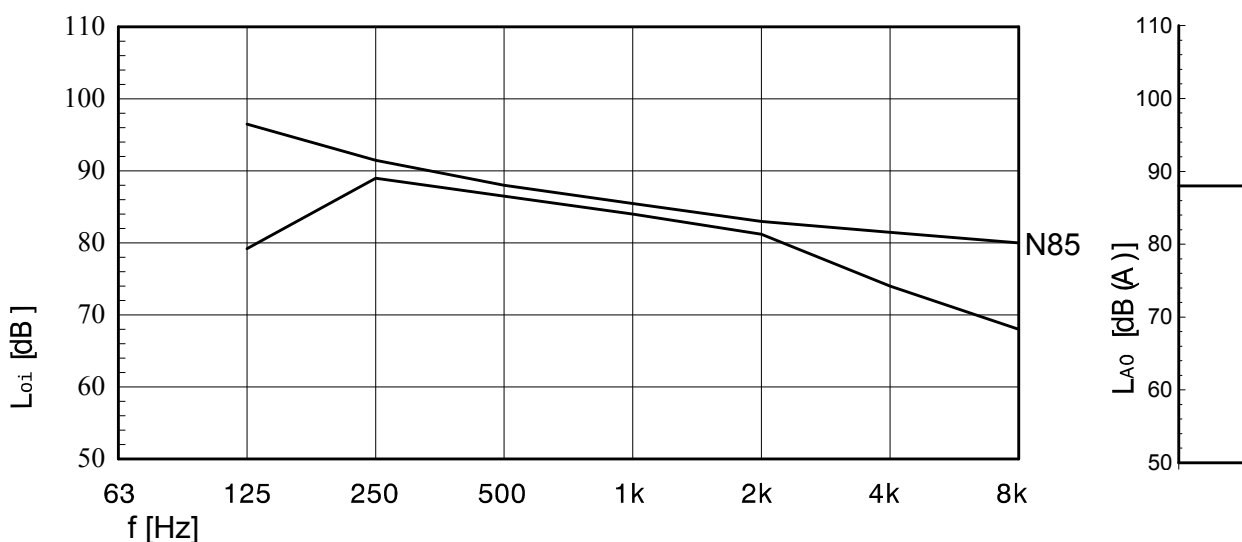
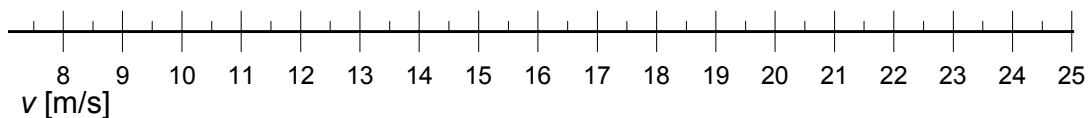
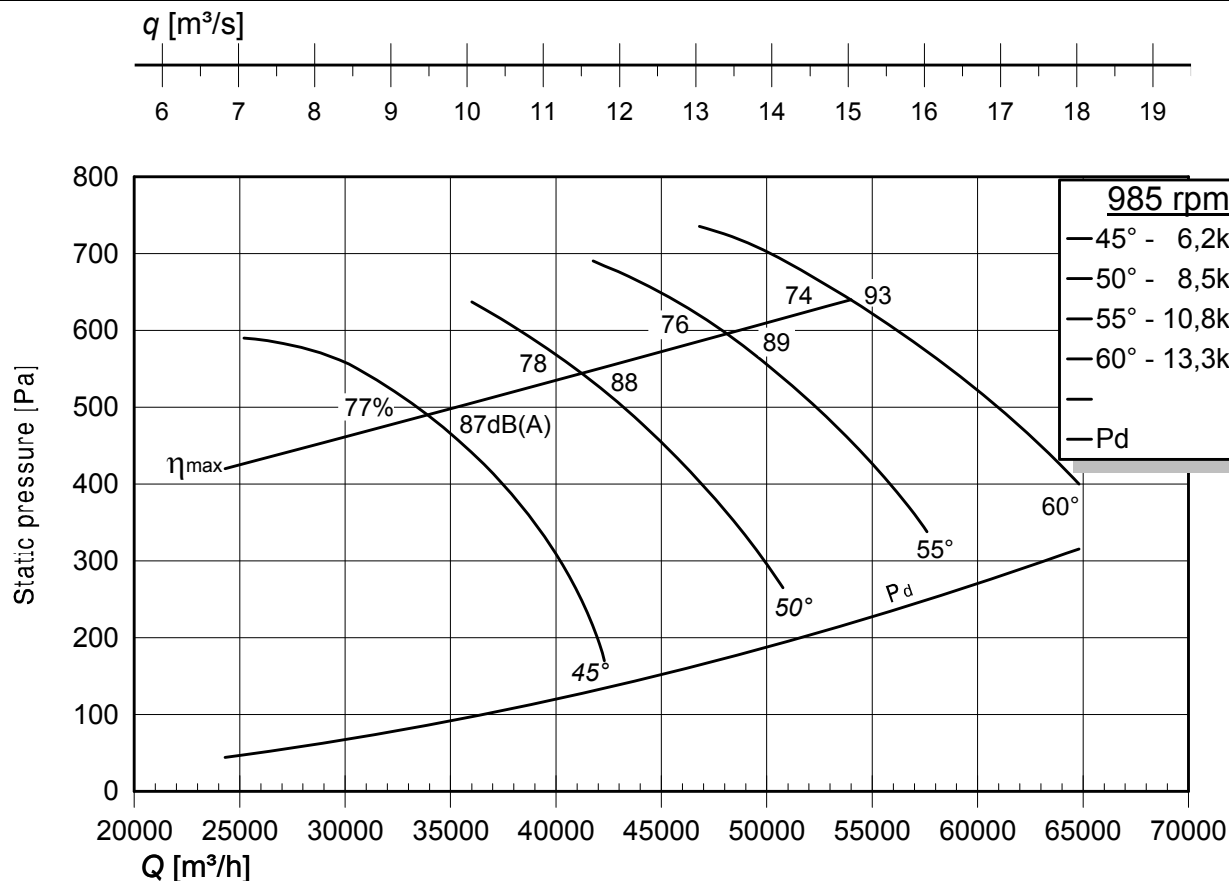
MPV 1000 D1  
WOM(O) - 100



# NYBORG AXIAL FLOW FAN PERFORMANCE DATA

Speed 985 rpm (50Hz)

MPV 1120 D1  
WOM(O) - 112



Acoustic pressure level spectrum  $L_{o1}$  measured close to optimum working point for  $n=985$  r.p.m. and angle  $50^\circ$

n-mw04prs-18



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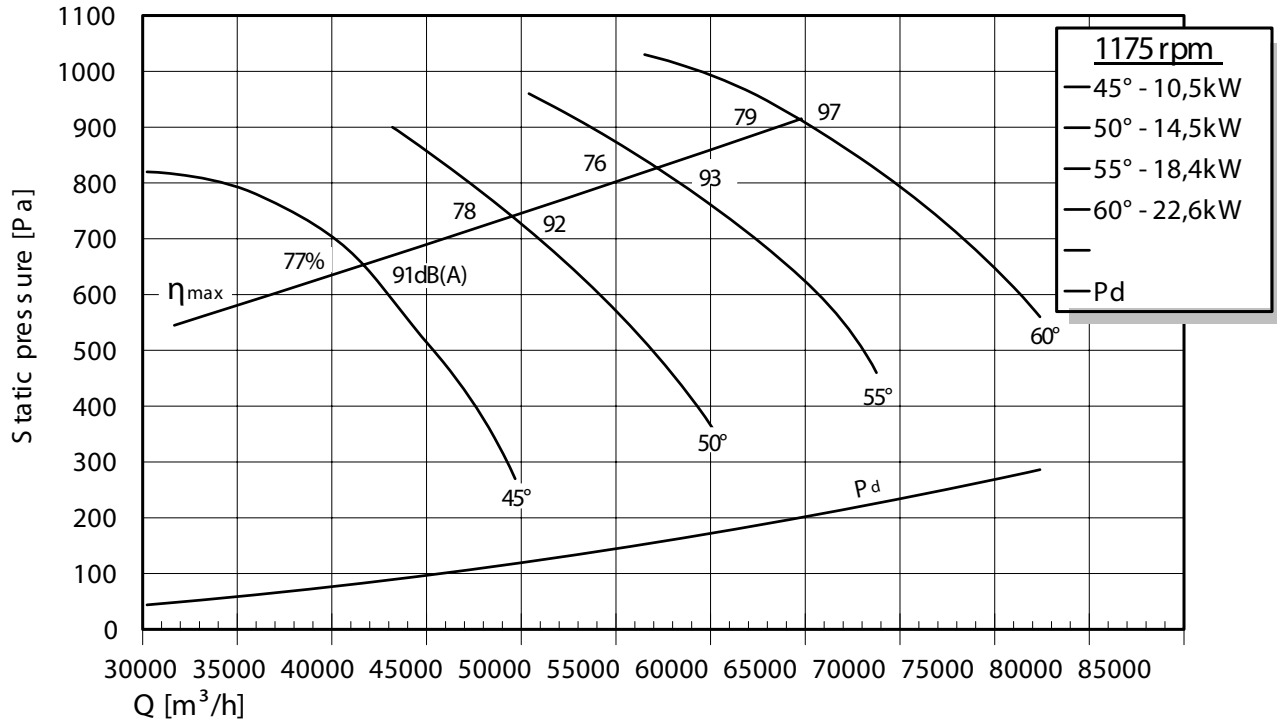
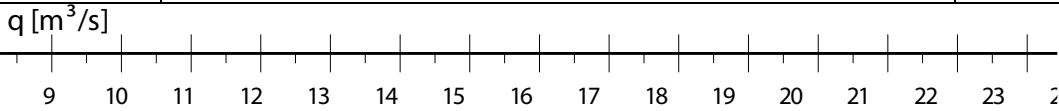
MPV 1120 D1  
WOM(O) - 112



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1175 rpm (60Hz)

MPV 1120 D1  
WOM(O) - 112



n-mw04prs-19



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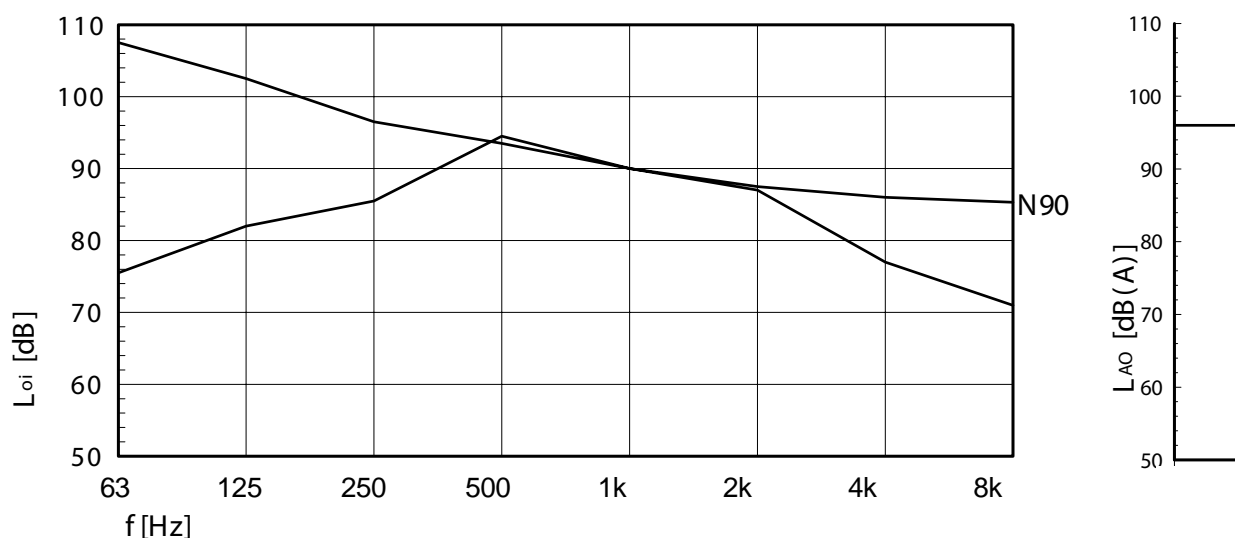
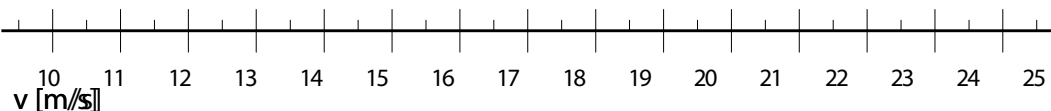
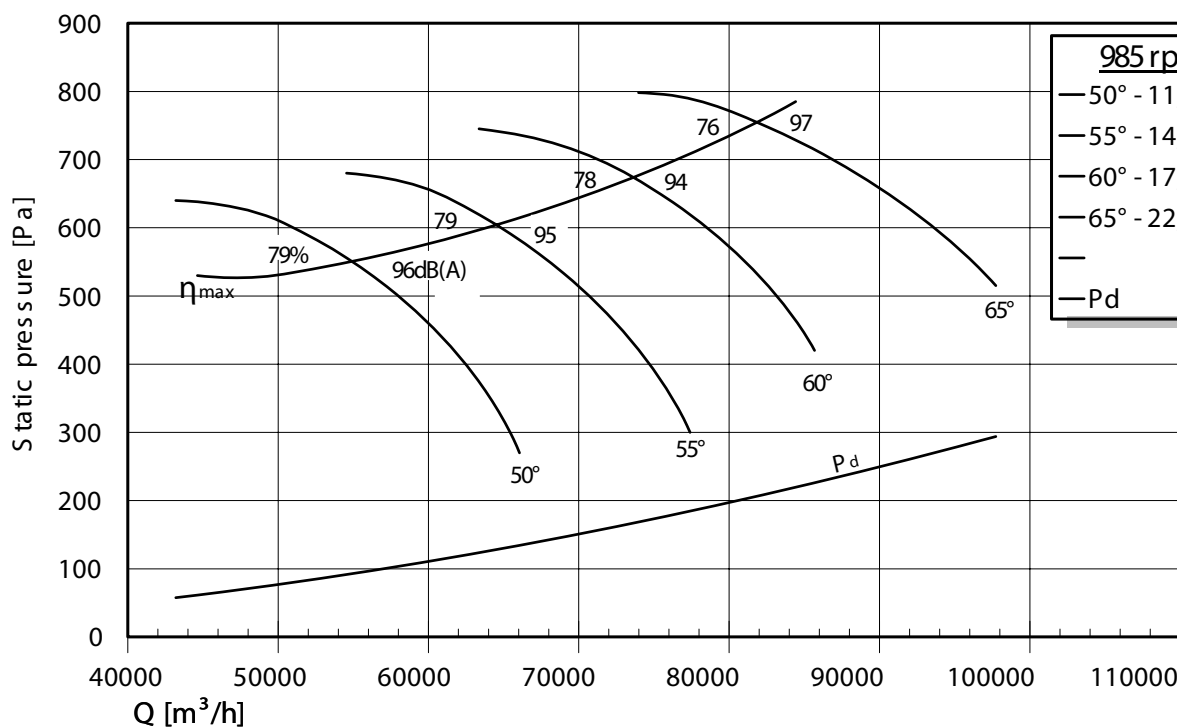
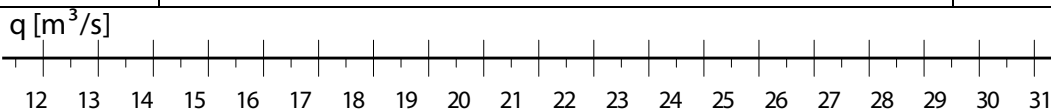
MPV 1120 D1  
WOM(O) - 112



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 985 rpm (50Hz)

**MPV 1250 D1**  
WOM(O) – 125



Acoustic pressure level spectrum  $L_{oi}$  measured close to optimum working point for  $n=985$  r.p.m. and angle  $50^\circ$ , distance = 1m

n-mw04prs-20



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**MPV 1250 D1**  
WOM(O) – 125

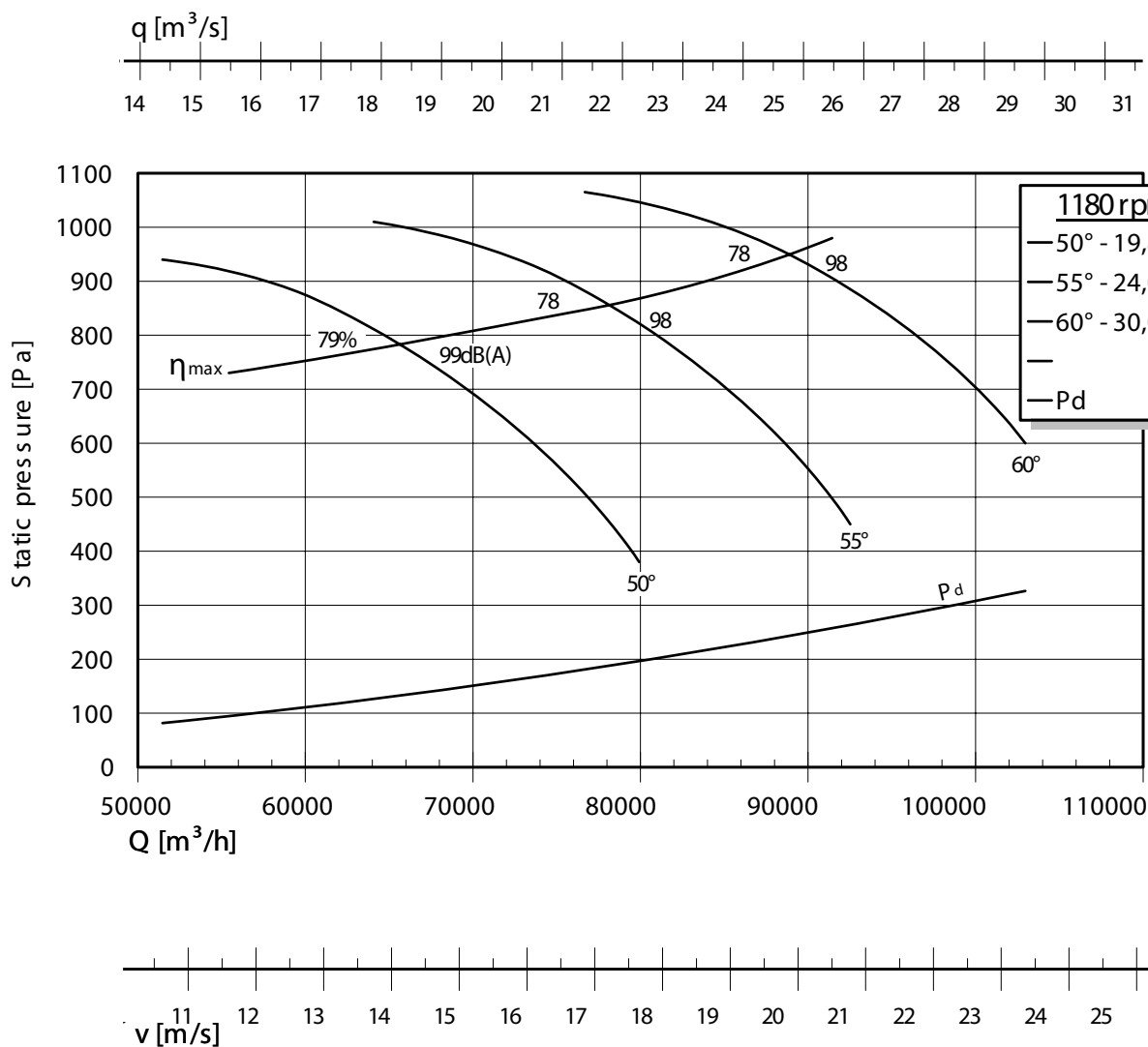




# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 1180 rpm (60Hz)

MPV 1250 D1  
WOM(O) - 125



n-mw04prs-21



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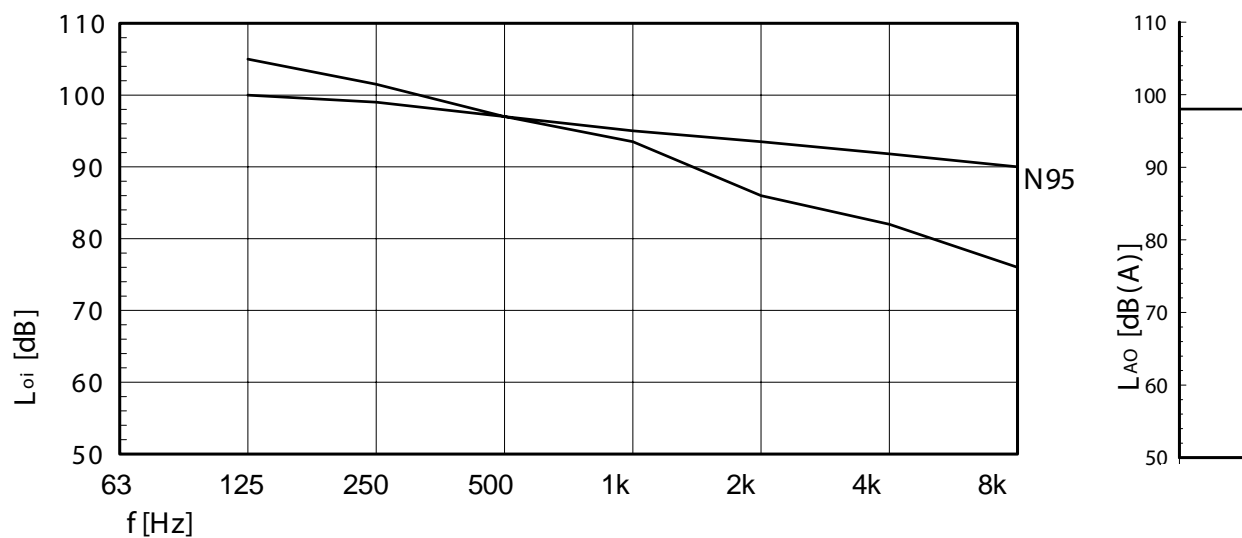
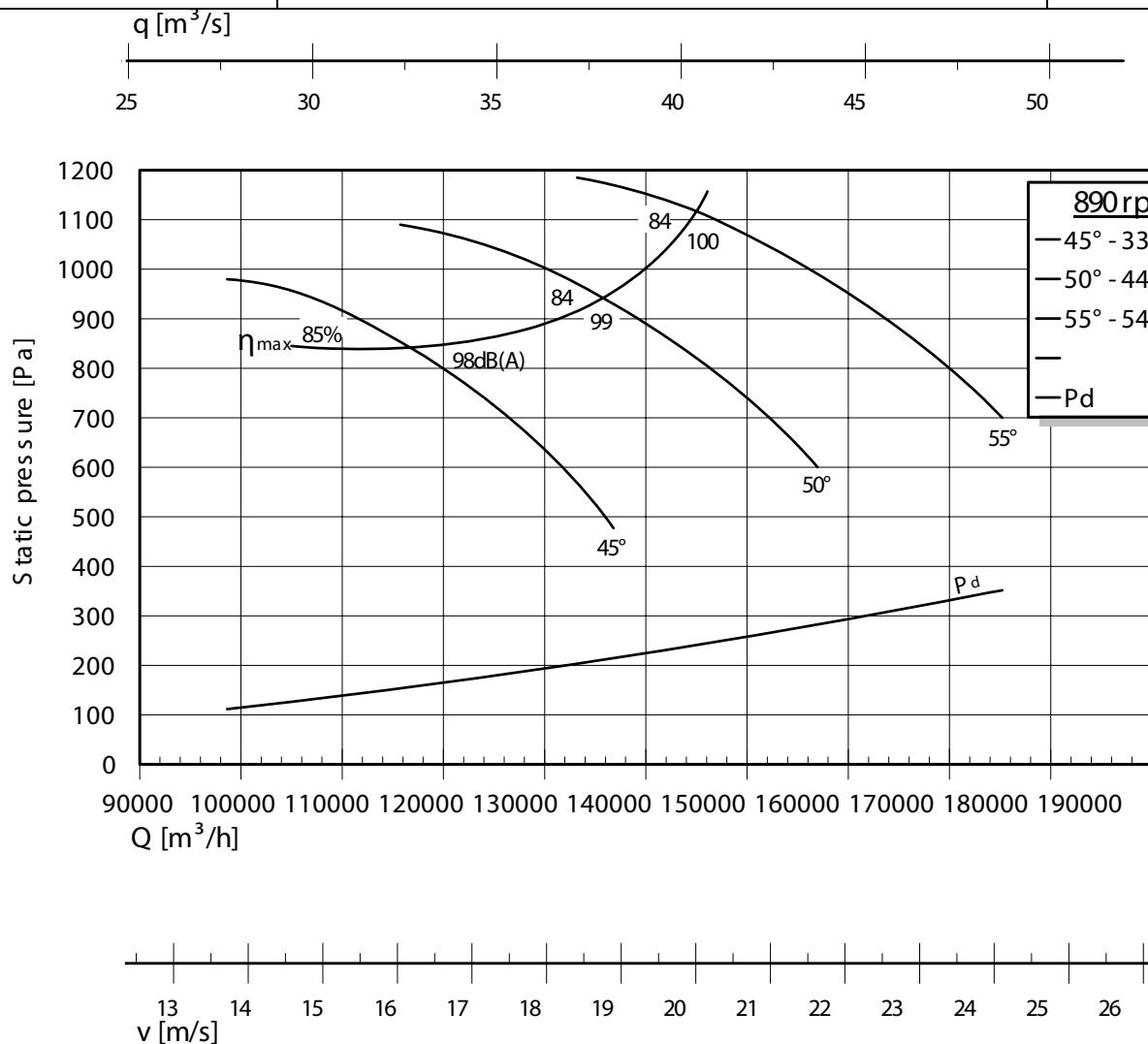
MPV 1250 D1  
WOM(O) - 125



# NYBORG VANEAXIAL FAN PERFORMANCE DATA

Speed 890 rpm (60Hz)

MPV 1600 D1  
WOM(O) - 160



Acoustic pressure level spectrum  $L_{oi}$  measured close to optimum working point for  $n=890$  r.p.m. and angle 50°, distance = 1m

n-mw04prs-22



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MPV 1600 D1  
WOM(O) - 160