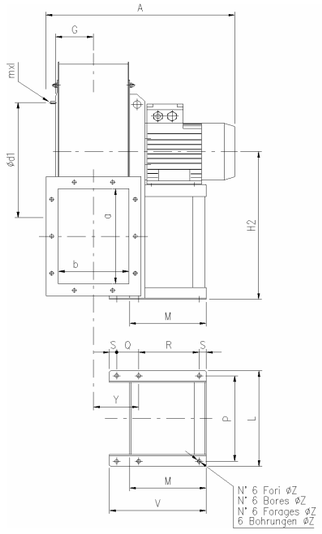
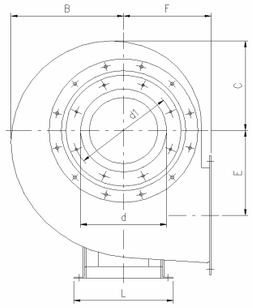
serie FP
pala profilo positivo

f.lli ferrari
ventilatori industriali S.p.A.

DIMENSIONI D'INGOMBRO SERIE **"FP P4"**
OVERALL DIMENSIONS SERIES **"FP P4"**

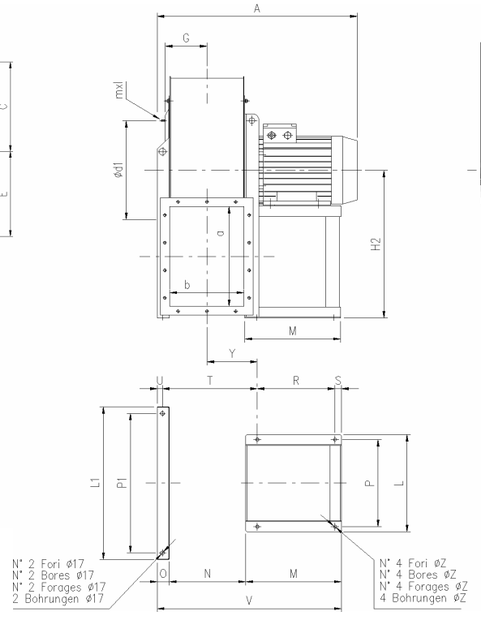
DIMENSIONS D'ENCOMBREMENT SERIE **"FP P4"**
GEWICHTE SERIE **"FP P4"**

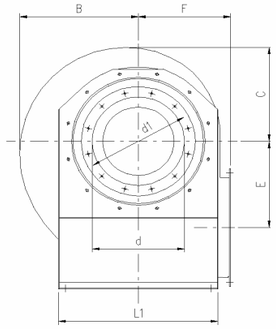




351÷501

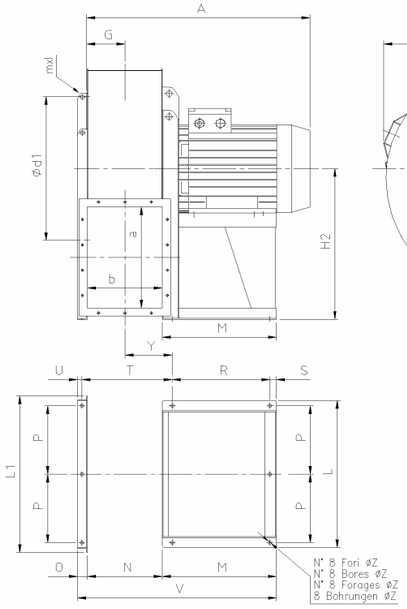
Il ventilatore e' orientabile
The fan is revolvable
Le ventilateur est orientable
Der Ventilator ist drehbar

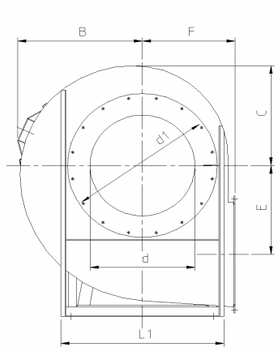




561÷631

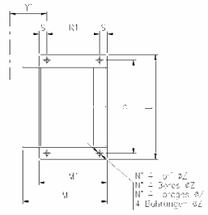
Il ventilatore e' orientabile
The fan is revolvable
Le ventilateur est orientable
Der Ventilator ist drehbar



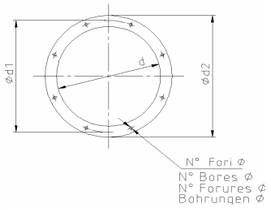


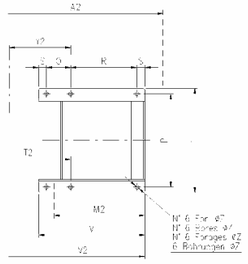
711÷801

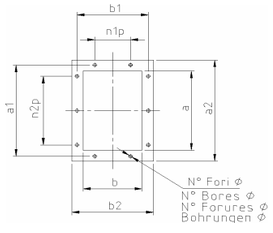
Il ventilatore non e' orientabile
The fan is not revolvable
Le ventilateur n'est pas oriental
Ventilatorgehause nicht drehbar



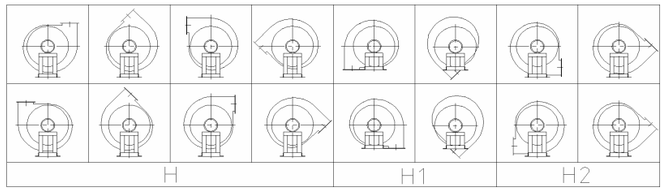
351÷631
orient. 90 ...G180







351÷631
asec. 43 (con vent. di raff.)



Tipo/Type/Typ Ventilatore / Fan / Ventilateur / Ventilator	Motore / Motor / Moteur / Motor	Ventilatore / Fan / Ventilateur / Ventilator									Basamento / Base / Chassis / Sockel															Flangia aspirante / Inlet flange / Bride à l'aspiration / Flansch saugseitig						Flangia premente / Outlet flange / Bride en refoulement / Flansch druckseiting										RD-LG 180				Esecuzione B					Peso / Weight / Poids / Gewicht	PD2
		A	B	C	E	F	G	H	H2	Y	L	L1	M	N	O	P	P1	Q	R	S	T	U	V	Z	d	d1	d2	n°	Ø	mxl	a	b	a1	b1	a2	b2	n1p	n2p	n°	Ø	Y1	M1	R1	H1	A2	Y2	M2	T2	V2	Kg	Kgf m2
FP 401 P4A	**132 SB2**	710	375	330	286	285	130	500	500	159	372	*	300	*	*	337	*	92	237	23	*	*	375	12	320	366	400	8	10	M8x20	322	229	366	273	402	309	1-125	2-125	10	12	181	261	215	285	765	214	355	*	*	125	0,96
FP 451 P4A	**160 MB2**	755	425	370	321	320	143	560	560	183	440	*	415	*	*	395	*	137	337	28	*	*	530	14	360	405	440	8	10	M8x20	361	256	405	300	441	336	1-125	2-125	10	12	200	376	320	320	810	238	470	*	*	201	1,6
FP 502 P4A	**160 MA2**	800								199	440	*	415	*	*	395	*	137	337	28	*	*	530	14																	216	376	320	360	855	254	460	*	*	240	2,2
FP 502 P4A	**160L2**	845	470	410	354	360	159	600	600	199	440	*	415	*	*	395	*	137	337	28	*	*	530	14	405	448	485	12	10	M8x20	404	288	448	332	484	368	2-125	3-125	14	12	216	376	320	360	900	254	460	*	*	242	2,2
FP 501 P4A	**160 MB2**	800								199	440	*	415	*	*	395	*	137	337	28	*	*	530	14																	216	376	320	360	855	254	460	*	*	242	2,9
FP 501 P4A	**180 M2**	905								219	488	*	460	*	*	434	*	152	357	33	*	*	575	17																	221	421	355	360	960	274	515	*	*	287	2,9
FP 562 P4A	**160 L2**	880								216	440	692	415	330	53	395	632	*	337	28	410	23	798	14																	242	367	311	400	935	271	470	*	*	282	3,8
FP 562 P4A	**200 LA2**	970	550	455	391	400	181	670	670	246	568	692	500	330	53	506	632	*	381	39	440	23	883	19	455	497	535	12	10	M8x20	453	322	497	366	533	402	2-125	3-125	14	12	253	452	374	400	1025	301	555	*	*	367	3,8
FP 561 P4A	**180 M2**	940								236	488	692	460	330	53	434	632	*	357	33	430	23	843	17																	247	412	346	400	995	291	515	*	*	306	4,5
FP 561 P4A	**200 LB2**	970								246	568	692	500	330	53	506	632	*	381	39	440	23	883	19																	253	452	374	400	1025	301	555	*	*	387	4,5
FP 632 P4A	**200 LB2**	1075								267	568	762	500	370	53	506	702	*	381	39	480	23	923	19																	274	452	374	450	1130	322	555	535	978	478	5,9
FP 632 P4A	**250 M2**	1190	625	515	441	450	200	750	750	277	676	762	600	370	53	604	702	*	471	39	490	23	1023	19	505	551	585	12	10	M8x20	507	361	551	405	587	441	2-125	3-125	14	12	274	552	474	450	1250	337	660	550	1143	638	5,9
FP 631 P4A	**225 M2**	1145								267	616	762	540	370	53	556	702	*	421	39	480	23	963	19																	274	492	414	450	1205	327	600	540	1023	548	6,8
FP 631 P4A	**280 S2**	1270								287	770	762	690	370	53	690	702	*	551	39	500	23	1113	21																	274	642	564	450	\	\	\	\	\	753	6,8
FP 712 P4A	**280 S2**	1325								262	836	896	690	404	60	386	*	*	591	39	497	27	1154	19																	293	638	560	500	\	\	\	\	\	773	11,3
FP 712 P4A	**315 S2**	1450	690	565	500	500	222	670	850	262	836	896	800	404	60	386	*	*	701	39	497	27	1264	19	566	629	666	12	10	M8x20	569	404	629	464	669	504	2-160	3-160	14	14	293	748	670	500	\	\	\	\	\	1028	11,3
FP 711 P4A	**280 M2**	1325								262	836	896	690	404	60	386	*	*	591	39	497	27	1154	19																	293	638	560	500	\	\	\	\	\	818	14
FP 711 P4A	**315 M2**	1450								262	836	896	800	404	60	386	*	*	701	39	497	27	1264	19																	293	748	670	500	\	\	\	\	\	1078	14

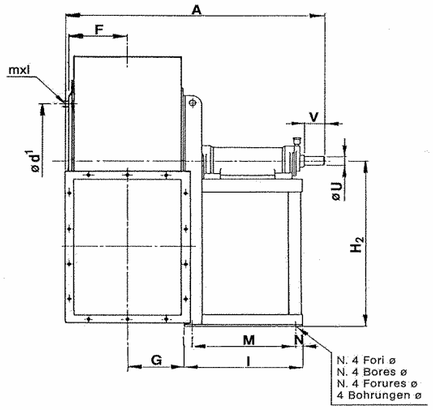
Tabella non impegnativa
The above data are unbinding

Tableau sans engagement
Unverbindliche Tabelle

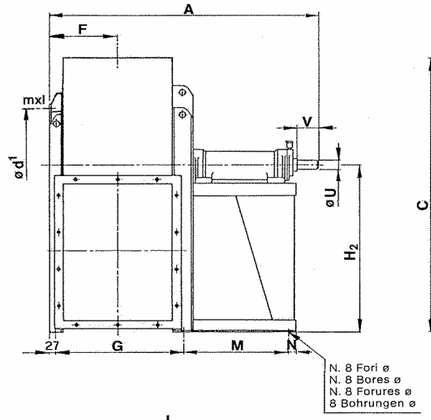
DIMENSIONI D'INGOMBRO SERIE **"FP P1"**
OVERALL DIMENSIONS SERIES **"FP P1"**

DIMENSIONS D'ENCOMBREMENT SERIE **"FP P1"**
GEWICHTE SERIE **"FP P1"**

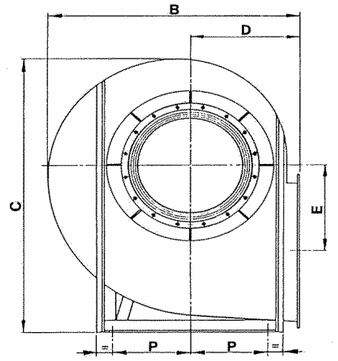
401 ÷ 501
Il ventilatore è orientabile
The fan is revolvable
Le ventilateur est orientable
Der Ventilator ist drehbar

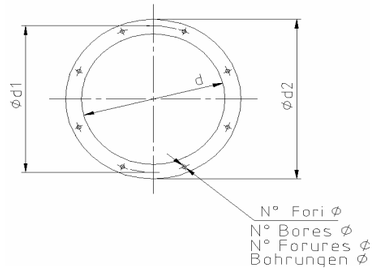


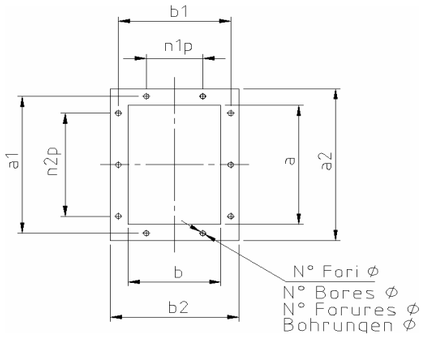
561 ÷ 631
Il ventilatore è orientabile
The fan is revolvable
Le ventilateur est orientable
Der Ventilator ist drehbar

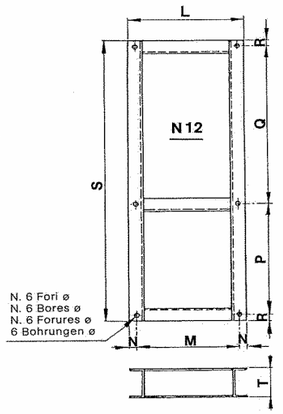


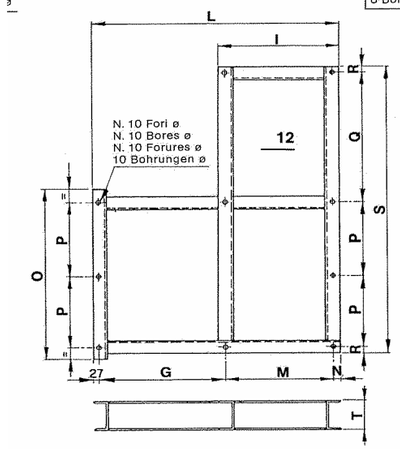
711 ÷ 901
Il ventilatore non è orientabile
The fan is not revolvable
Le ventilateur n'est pas orientable
Ventilatorgehäuse nicht drehbar

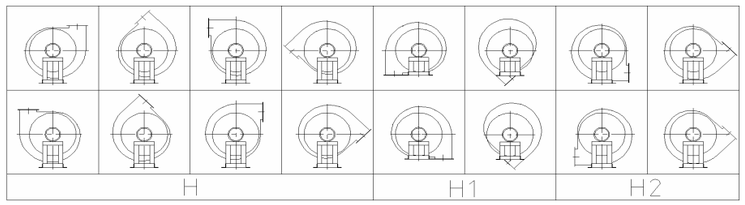












Tipo/Type/Typ Ventilatore Fan Ventilateur Ventilator	Ventilatore Fan Ventilateur Ventilator										Basamento Base Chassis Sockel											Peso Weight Poids Gewicht	Flangia aspirante Inlet flange Bride à l'aspiration Flansch saugseitig						Flangia premente Outlet flange Bride en refoulement Flansch druckseiting										Peso Weight Poids Gewicht	Albero Shaft Arbre Welle		PD2
	A	B	C	D	E	F	G	H	H1	H2	I	L	M	N	O	P	Q	R	S	T	Ø	Kg	d	d1	d2	n°	Ø	mxl	a	b	a1	b1	a2	b2	n1p	n2p	n°	Ø	Kg	U	V	Kgf m2
FP 401 P1A	855	660	830	285	286	130	118	500	285	500	485	463	407	28	-	355	611	22	1010	120	14	20	320	366	400	8	10		322	229	366	273	402	309	1-125	2-125	10	12	85	38	80	0,96
FP 451 P1A	885	745	930	320	321	143	132	560	320	560	485	463	407	28	-	355	611	22	1010	120	14	20	360	405	440	8	10		361	256	405	300	441	336	1-125	2-125	10	12	106	38	80	1,6
FP 501 P1A	1025	830	1010	360	354	159	150	600	360	600	560	543	477	33	-	364	732	27	1150	140	17	26	405	448	485	12	10		404	288	448	332	484	368	2-125	3-125	14	12	150	42	110	2,9
FP 561 P1A	1065	950	1125	400	390	181	410	670	400	670	543	943	477	33	692	632	678 *	30	1370 *	160	17	47	455	497	535	12	10	M8x20	453	322	497	366	533	402	2-125	3-125	14	12	190	48	110	4,5
FP 631 P1A	1100	1065	1265	450	439	200	450	750	450	750	543	983	477	33	762	702	708 *	30	1470 *	160	17	48	505	551	585	12	10		507	361	551	405	587	441	2-125	3-125	14	12	250	48	110	6,8
FP 711 P1A	1210	1190	1415	500	500	222	497	670	500	850	629	1114	551	39	896	386	807 *	32	1643 *	180	19	82	566	629	666	12	10		569	404	629	464	669	504	2-160	3-160	14	14	350	48	110	14
FP 801 P1A	1269	1330	1580	560	560	247	546	750	560	950	629	1163	551	39	986	431	842 *	32	1768 *	180	19	86	636	698	736	12	10		638	453	698	513	738	553	2-160	3-160	14	14	436	55	110	23
FP 901 P1A	1500	1490	1765	630	630	334	599	850	630	1060	650	1217	551	39	1086	481	987	32	2043	180	19	94	716	775	816	16	*	Ø12	715	507	775	567	815	607	2-160	4-160	16	14	560	65	140	43

FP 561 P1A quote Q e S +100mm per motori grandezza 200L 225S 225M
FP 631 P1A quote Q e S +100mm per motori grandezza 200L 225S 225M
FP 711 P1A quote Q e S +150mm per motori grandezza 250M 280S 280M
FP 801 P1A quote Q e S +100mm per motori grandezza 250M 280S 280M

Tabella non impegnativa
The above data are unbinding

Tableau sans engagement
Unverbindliche Tabelle

serie FP profilo positivo premente / FP range positive profile on discharge side

Tipo/Type/Typ						portata m3/s / capacity m3/s																												
Ventilatore Fan Ventilateur Ventilator	Motore Motor Moteur Motor	potenza max assorbita kW	potenza installata kW	velocità di rotazione giri/min.	rumorosità dB/A*	0,47	0,53	0,6	0,67	0,75	0,85	0,95	1,06	1,18	1,32	1,5	1,7	1,9	2,12	2,36	2,65	3	3,35	3,75	4,25	4,75	5,3	6	6,7	7,5	8,5	9,5	10,6	11,8
						Pressione totale mmH20 (in premente) / Total pressure mmH20 (discharge side)																												
FP 401 P4A	132 SB2	7,5	7,5	2890	76	274	281	288	293	297	298	295	289	282	269	248	222	194	166															
FP 451 P4A	160 MB2	13,5	15	2935	80				347	357	366	373	378	378	377	369	356	340	318	294	252	211												
FP 502 P4A	160 MA2	10,5	11	2930	82						392	403	411	421	424	425	420																	
FP 502 P4A	160 L2	17,9	18,5	2935	82						393	404	412	422	425	426	421	412	399	383	352	322	273											
FP 501 P4A	160 MB2	14,5	15	2935	83							434	446	456	467	470	471	465	456															
FP 501 P4A	180 M2	22	22	2940	83							435	447	457	468	471	472	466	457	442	424	390	357	301										
FP 562 P4A	160 L2	18	18,5	2935	86									495	510	522	531	537	538															
FP 562 P4A	200 LA2	29,5	30	2960	86									500	515	527	536	542	543	542	526	509	483	448	406									
FP 561 P4A	180 M2	22	22	2940	87										552	569	583	593	599	600														
FP 561 P4A	200 LB2	36,5	37	2960	87										558	575	589	599	605	606	600	587	568	540	500	453								
FP 632 P4A	200 LB2	36	37	2960	90												637	654	667	681	690	691	684											
FP 632 P4A	250 M2	55	55	2970	90												640	657	670	684	693	694	687	671	649	618	576	523	450	380				
FP 631 P4A	225 M2	44	45	2960	91													702	721	735	751	761	762	754	736									
FP 631 P4A	280 S2	74	75	2975	91													708	727	741	757	767	768	760	742	718	684	638	579	499	422			
FP 712 P4A	280 S2	71	75	2975	94															797	819	834	856	868	870	862	844	820						
FP 712 P4A	315 S2	104	110	2980	94															799	821	836	858	870	872	864	846	822	784	729	664	571	493	
FP 711 P4A	280 M2	89	90	2975	95																895	920	941	961	975	977	968	948	921					
FP 711 P4A	315 M2	132	132	2980	95																898	923	944	964	978	980	971	951	924	882	819	746	642	554

NB. Con potenze oltre 110 ÷ 132 kW è consigliabile l'esecuzione 8 (accoppiamento a giunto)
* Tubazione solo in premente

NB. For motor power more than 100 ÷ 132 kW we recommend arrangement 8 (flexible coupling)
* Piping only on discharge side

progetti\fppositivi.xls

serie FP profilo positivo aspirante / FI range positive profile on suction side

Tipo/Type/Typ						portata m3/s																												
Ventilatore Fan Ventilateur Ventilator	Motore Motor Moteur Motor	potenza max assorbita kW	potenza installata kW	velocità di rotazione giri/min.	rumorosità dB/A*	0,47	0,53	0,6	0,67	0,75	0,85	0,95	1,06	1,18	1,32	1,5	1,7	1,9	2,12	2,36	2,65	3	3,35	3,75	4,25	4,75	5,3	6	6,7	7,5	8,5	9,5	10,6	11,8
						Pressione totale mmH20 (in aspirante) / Total pressure mmH20 (suction side)																												
FP 401 P4A	132 SB2	7,5	7,5	2890	79	256	264	271	277	281	282	279	271	263	251	232	208	178	146															
FP 451 P4A	160 MB2	13,5	15	2935	83				324	335	345	353	358	359	356	348	333	317	298	275	231	188												
FP 502 P4A	160 MA2	10,5	11	2930	85						366	379	386	396	402	402	397																	
FP 502 P4A	160 L2	17,9	18,5	2935	85						367	380	387	397	403	403	398	386	376	353	328	299	251											
FP 501 P4A	160 MB2	14	15	2935	86							404	418	426	437	443	443	438	425															
FP 501 P4A	180 M2	22	22	2940	86							406	420	428	439	445	445	440	427	415	390	362	330	277										
FP 562 P4A	160 L2	17	18,5	2935	89									458	472	486	497	502	503															
FP 562 P4A	200 LA2	30	30	2960	89									464	478	492	503	508	509	503	489	471	447	410	370									
FP 561 P4A	180 M2	21	22	2940	90										512	528	543	555	561	562														
FP 561 P4A	200 LB2	37	37	2960	90										518	534	549	561	567	568	561	546	526	499	458	413								
FP 632 P4A	200 LB2	37	37	2960	93												600	619	634	650	659	660	654	637										
FP 632 P4A	250 M2	52	55	2970	93												604	623	638	654	663	664	658	641	618	586	545	496						
FP 631 P4A	225 M2	45	45	2960	94													662	682	699	717	727	728	721	702									
FP 631 P4A	280 S2	75	75	2975	94													666	686	703	721	731	732	725	706	681	642	596	542	461	374			
FP 712 P4A	280 S2	70	75	2975	97															748	773	795	812	826	829	821	802	773						
FP 712 P4A	315 S2	105	110	2980	97															750	775	797	814	828	831	823	804	775	738	686	624	539	448	
FP 711 P4A	280 M2	88	90	2975	98																840	868	893	912	928	931	922	901	868					
FP 711 P4A	315 M2	132	132	2980	98																842	870	895	914	930	933	924	903	870	829	770	701	605	503

NB. Con potenze oltre 110 ÷ 132 kW è consigliabile l'esecuzione 8 (accoppiamento a giunto)
* Tubazione solo in aspirante

NB. For motor power more than 100 ÷ 132 kW we recommend arrangement 8 (flexible coupling)
* Piping only on suction side

progetti\fppositivi.xls

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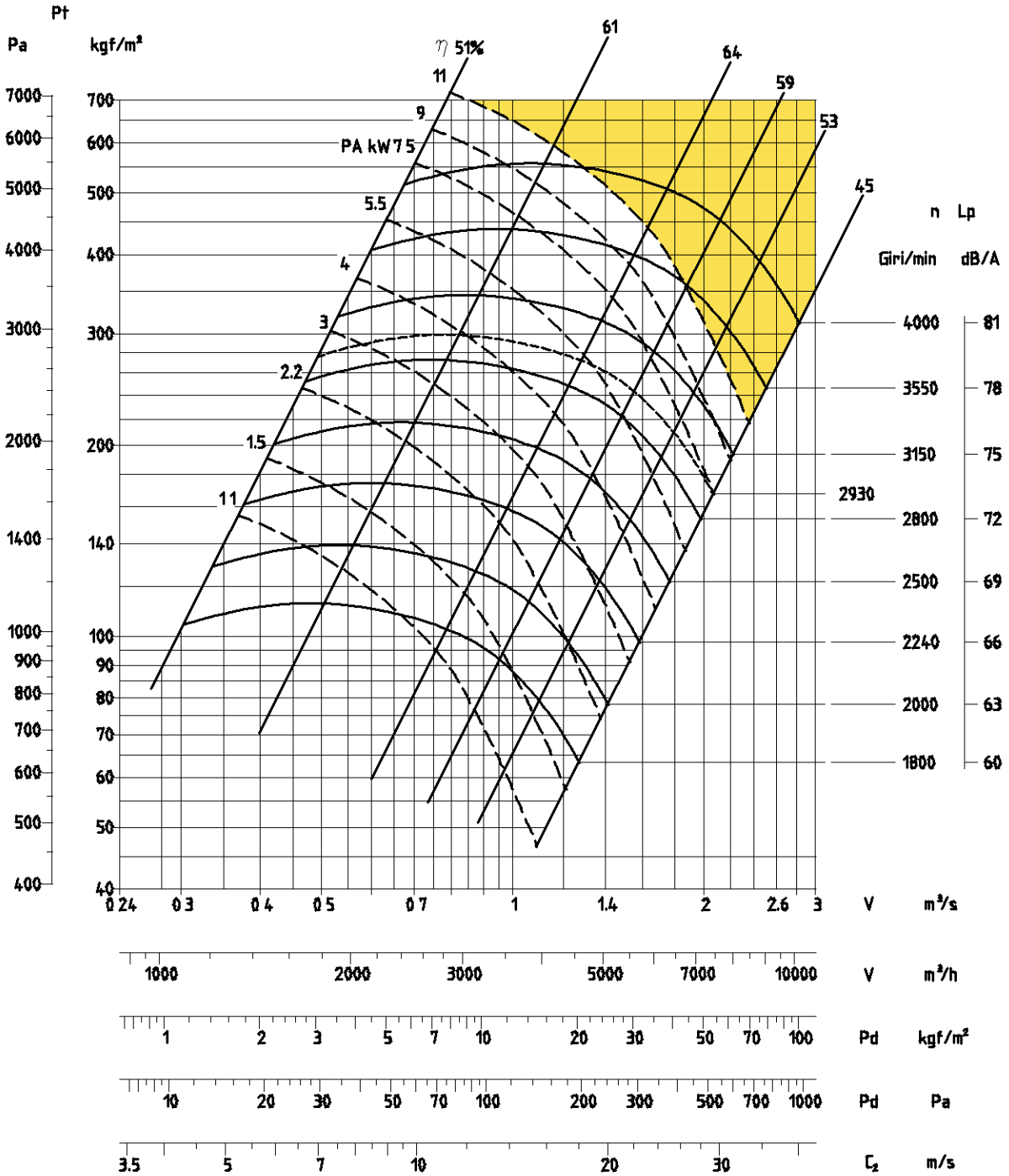
VENTILATORE TIPO **FP 401 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21111

Bocca premente **315X224**

Bocca aspirante **315**



Giri massimi ammissibili

≤ 100°C=	3750
101 – 200°C=	3350
201 ÷ 300°C=	3000

PD^2=0.96 kgf·m²

J =0.24 kg·m²

Densita` fluido 1.226 kg/m³

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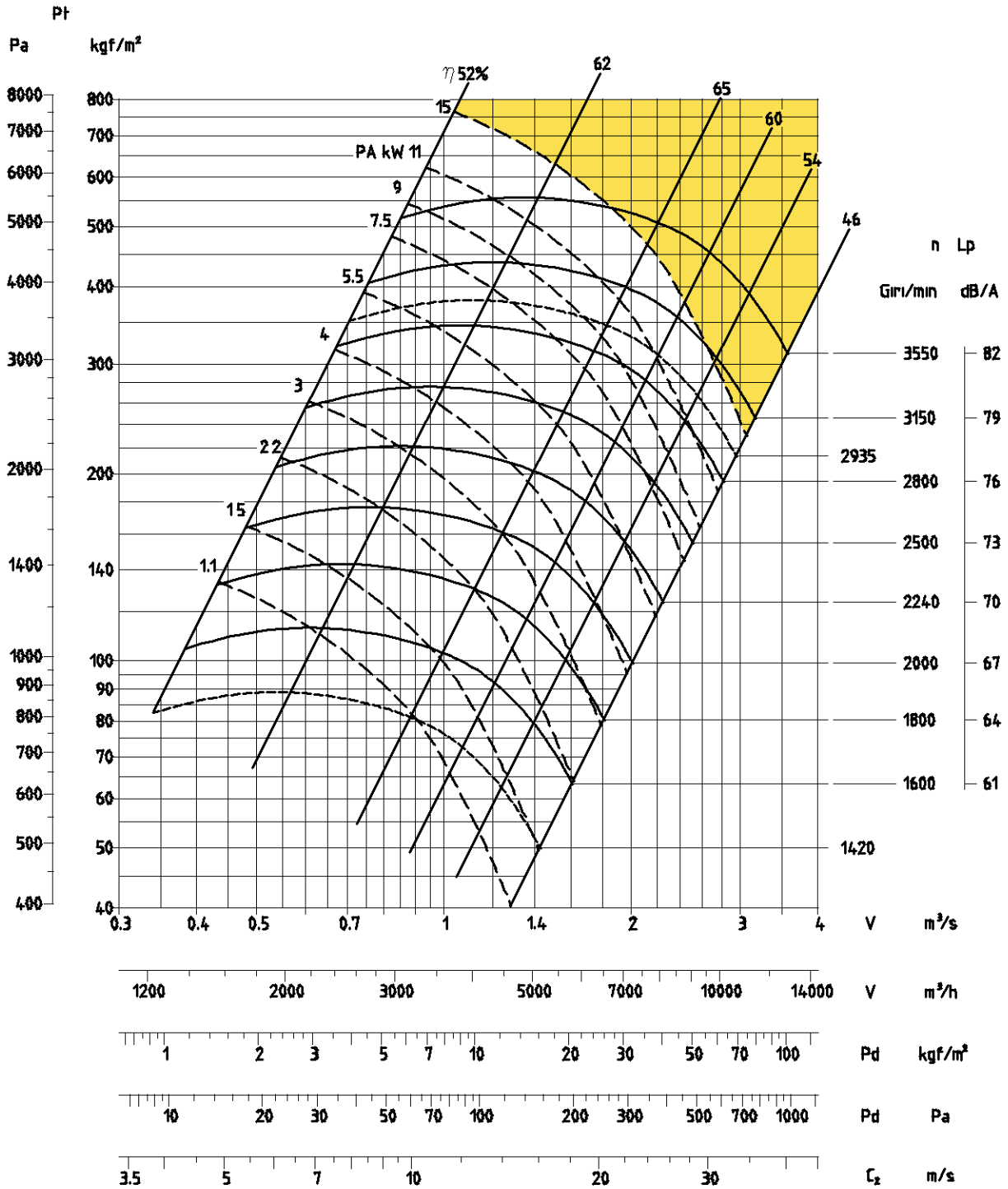
VENTILATORE TIPO **FP 451 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21110

Bocca premente **355X250**

Bocca aspirante **355**



Giri massimi ammissibili

≤ 100°C=	3550
101 – 200°C=	3150
201 ÷ 300°C=	2800

PD^2 =1.6 kgf·m²

J =0.4 kg·m²

Densita` fluido 1.226 kg/m³

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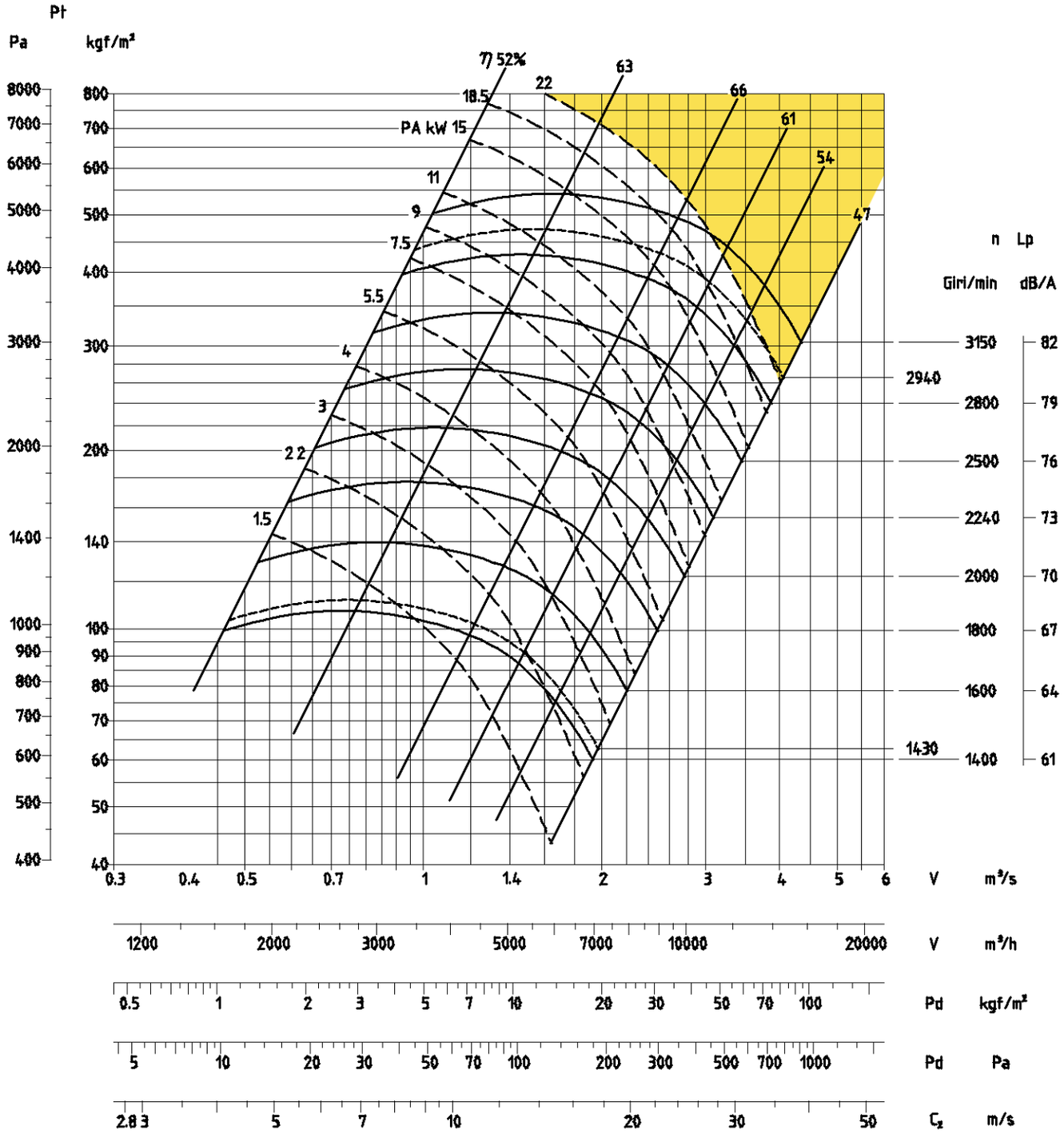
Arzignano (VICENZA)

VENTILATORE TIPO **FP 501 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21109

Bocca premente **400X280**
Bocca aspirante **400**



Giri massimi ammissibili

≤ 100°C=	3350
101 ÷ 200°C=	3000
201 ÷ 300°C=	2650

PD^2=2.9 kgf m^2
J =0.7 kg m^2

Densita` fluido 1.226 kg/m^3

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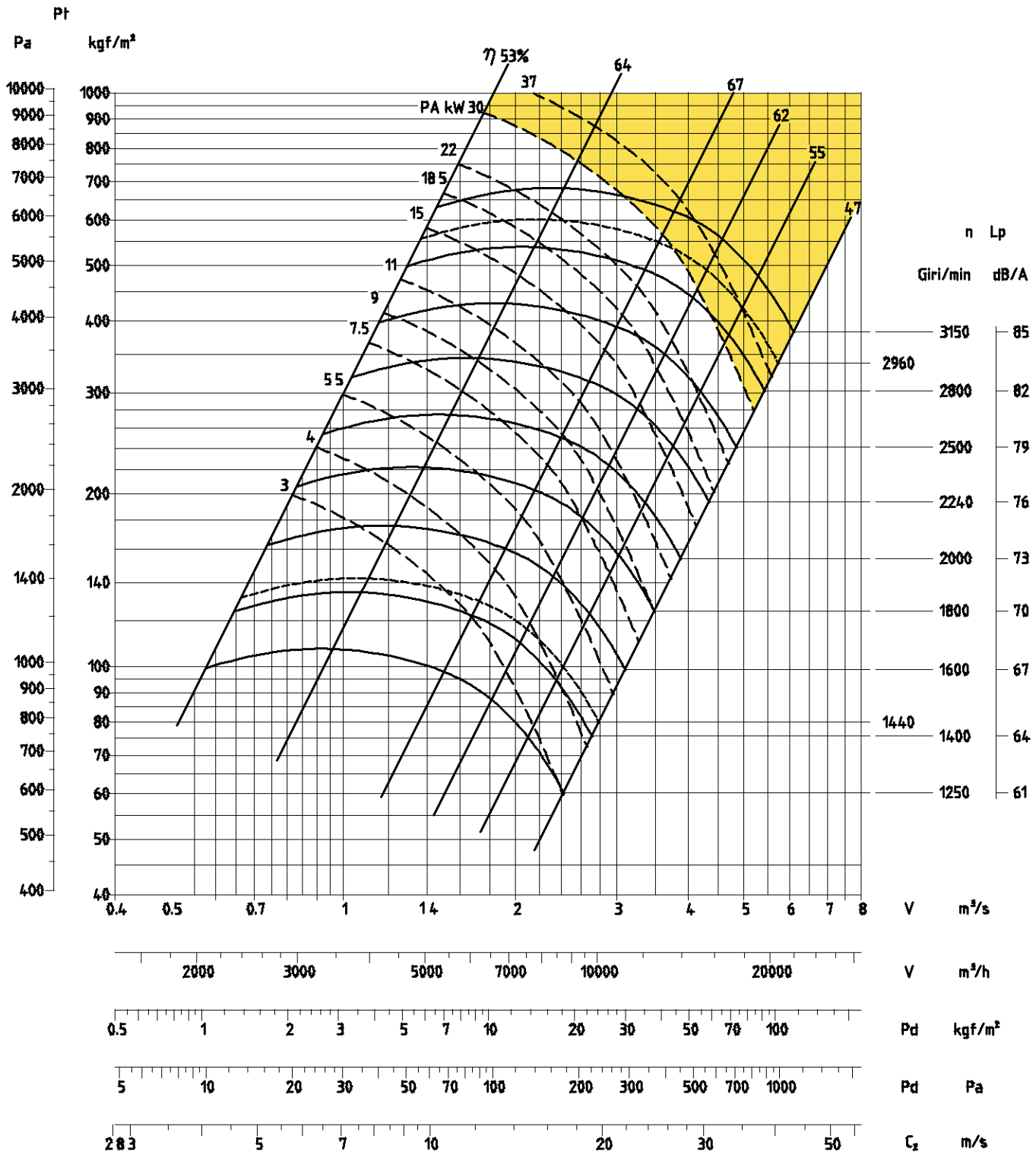
Arzignano (VICENZA)

VENTILATORE TIPO **FP 561 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21108

Bocca premente **450X315**
Bocca aspirante **450**



Giri massimi ammissibili

≤ 100°C=	3150
101 ÷ 200°C=	2800
201 ÷ 300°C=	2500

PD^2=4.5 kgf m²
J =1.1 kg m²

Densita` fluido 1.226 kg/m³

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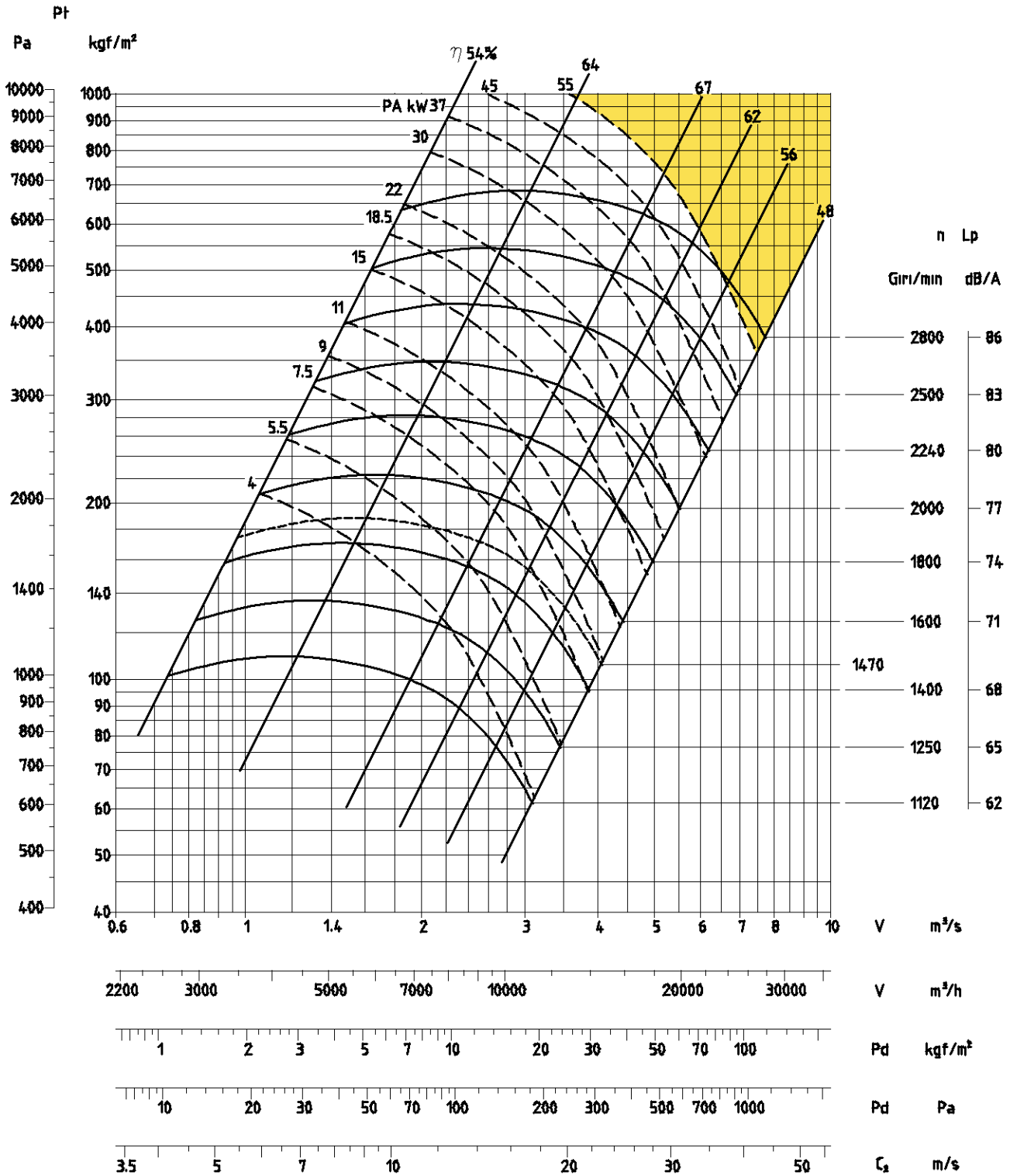
VENTILATORE TIPO **FP 631 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21107

Bocca premente **500X355**

Bocca aspirante **500**



Giri massimi ammissibili

≤ 100°C=	2800
101 – 200°C=	2500
201 ÷ 300°C=	2240

PD^2=6.8 kgf·m²

J =1.7 kg·m²

Densita` fluido 1.226 kg/m³

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Arzignano (VICENZA)

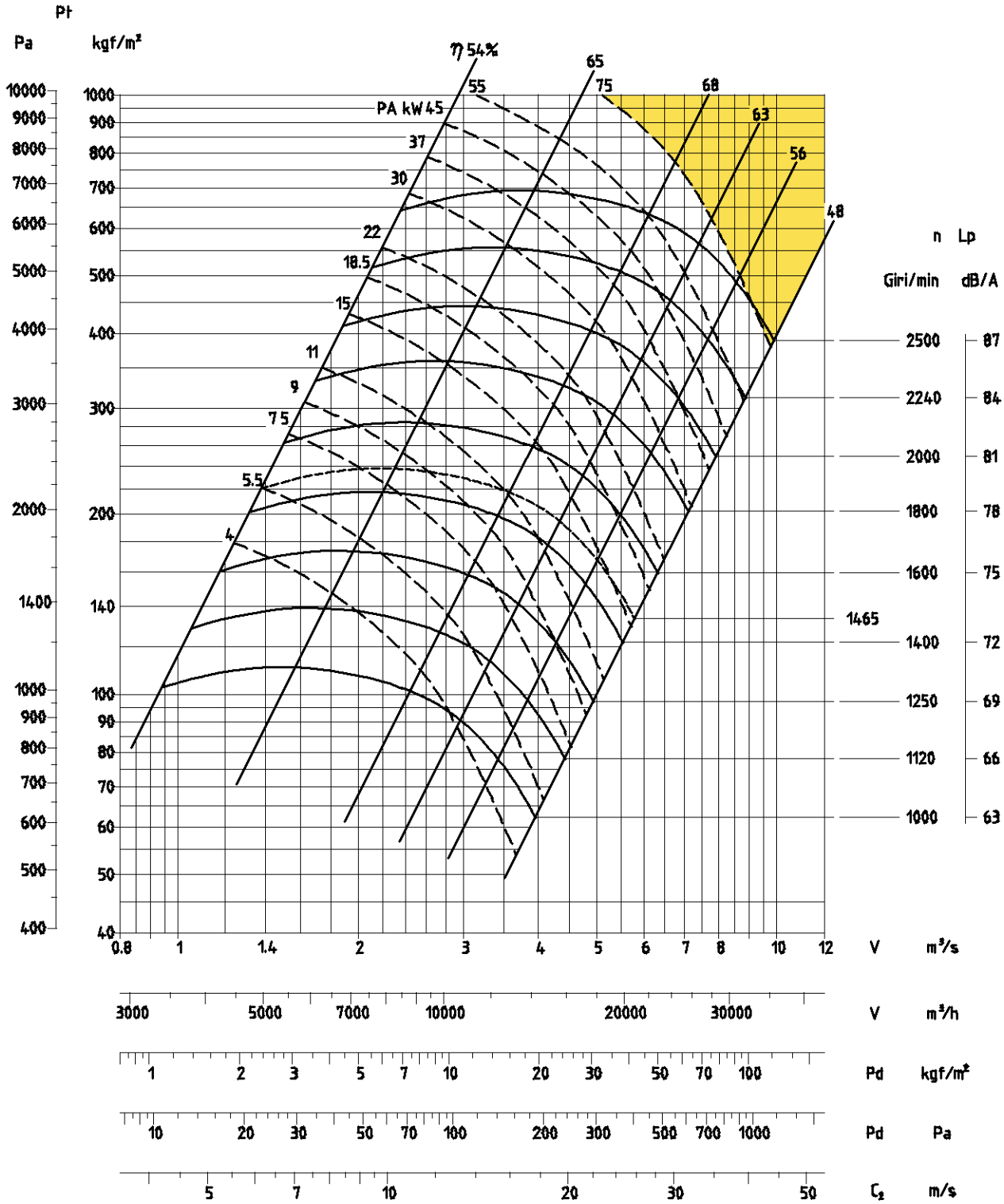
VENTILATORE TIPO **FP 711 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21106

Bocca premente **560X400**

Bocca aspirante **560**



Giri massimi ammissibili

≤ 100°C=	2500
101 – 200°C=	2240
201 ÷ 300°C=	2000

PD^2=14 kgf·m²

J =3.5 kg·m²

Densita` fluido 1.226 kg/m³

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ventilatori industriali S.p.A.
Arzignano (VICENZA)

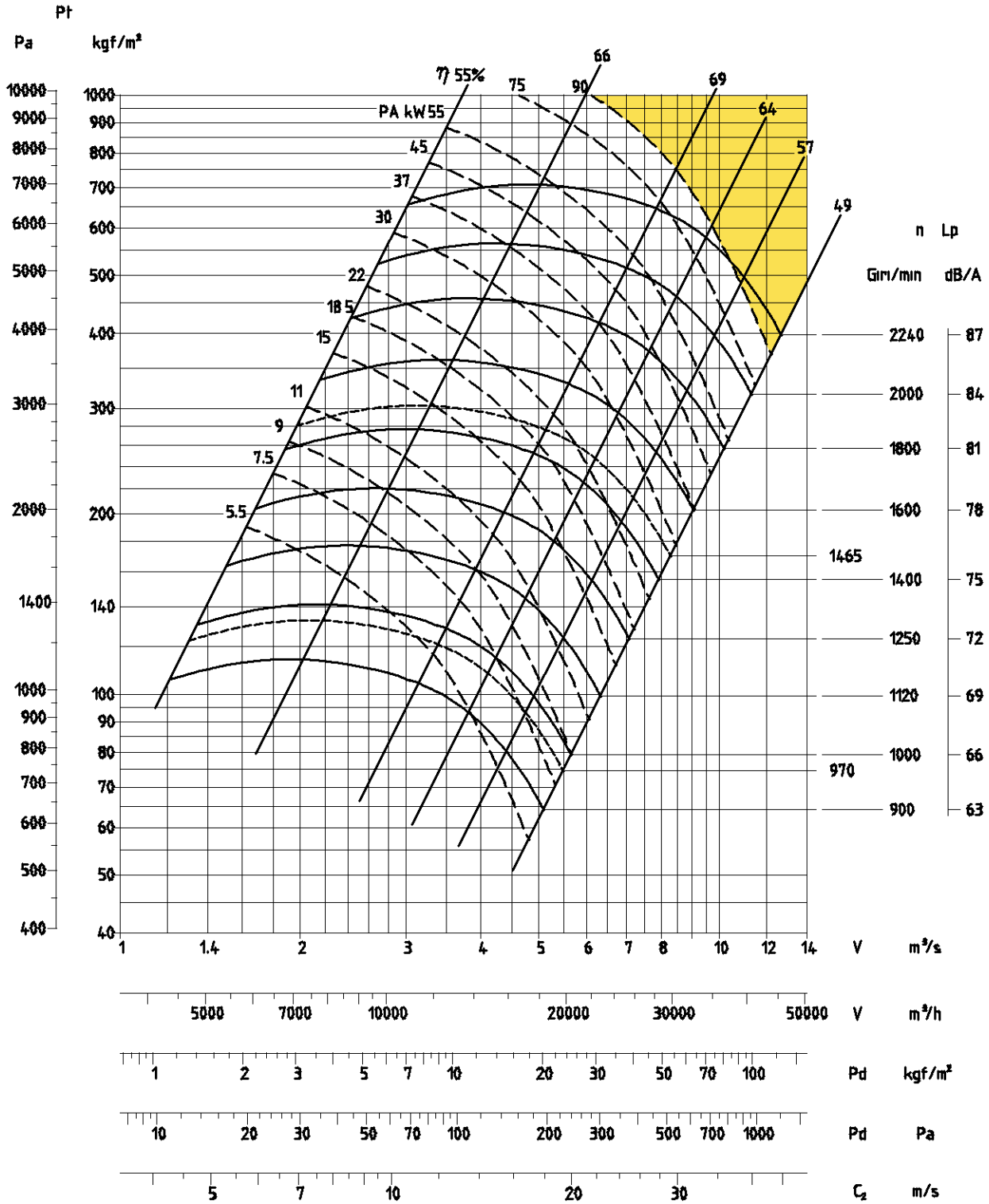
VENTILATORE TIPO **FP 801 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21105

Bocca premente **630X450**

Bocca aspirante **630**



Giri massimi ammissibili

≤ 100°C=	2240
101 – 200°C=	2000
201 ÷ 300°C=	1800

PD^2=23 kgf·m²

J =5.8 kg·m²

Densita` fluido 1.226 kg/m³

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ventilatori industriali S.p.A.
Arzignano (VICENZA)

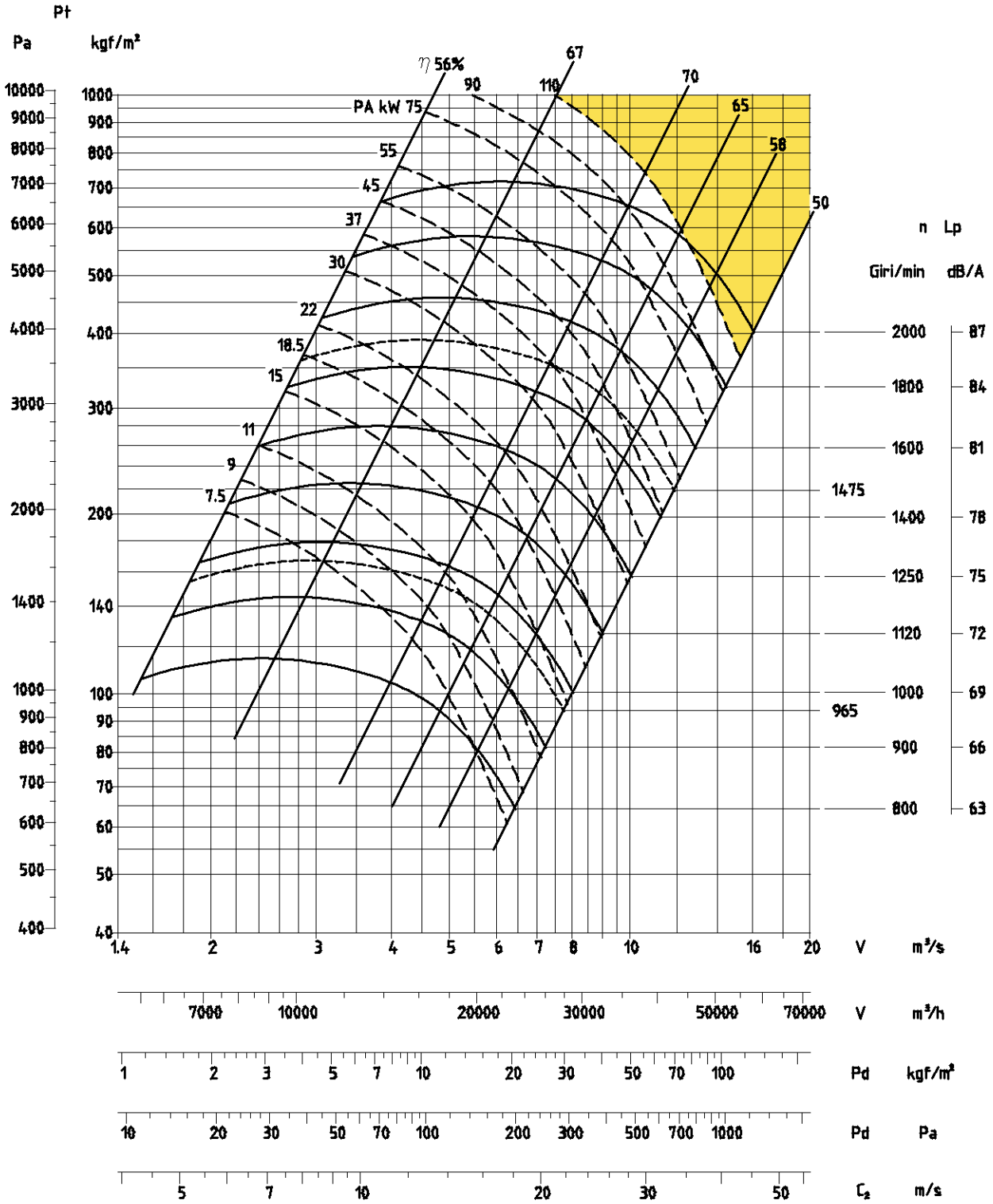
VENTILATORE TIPO **FP 901 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21112

Bocca premente **710X500**

Bocca aspirante **710**



Giri massimi ammissibili

≤ 100°C=	2000
101 – 200°C=	1800
201 ÷ 300°C=	1600

PD^2 =43 kgf·m²

J =10.8 kg·m²

Densita` fluido 1.226 kg/m³

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Arzignano (VICENZA)

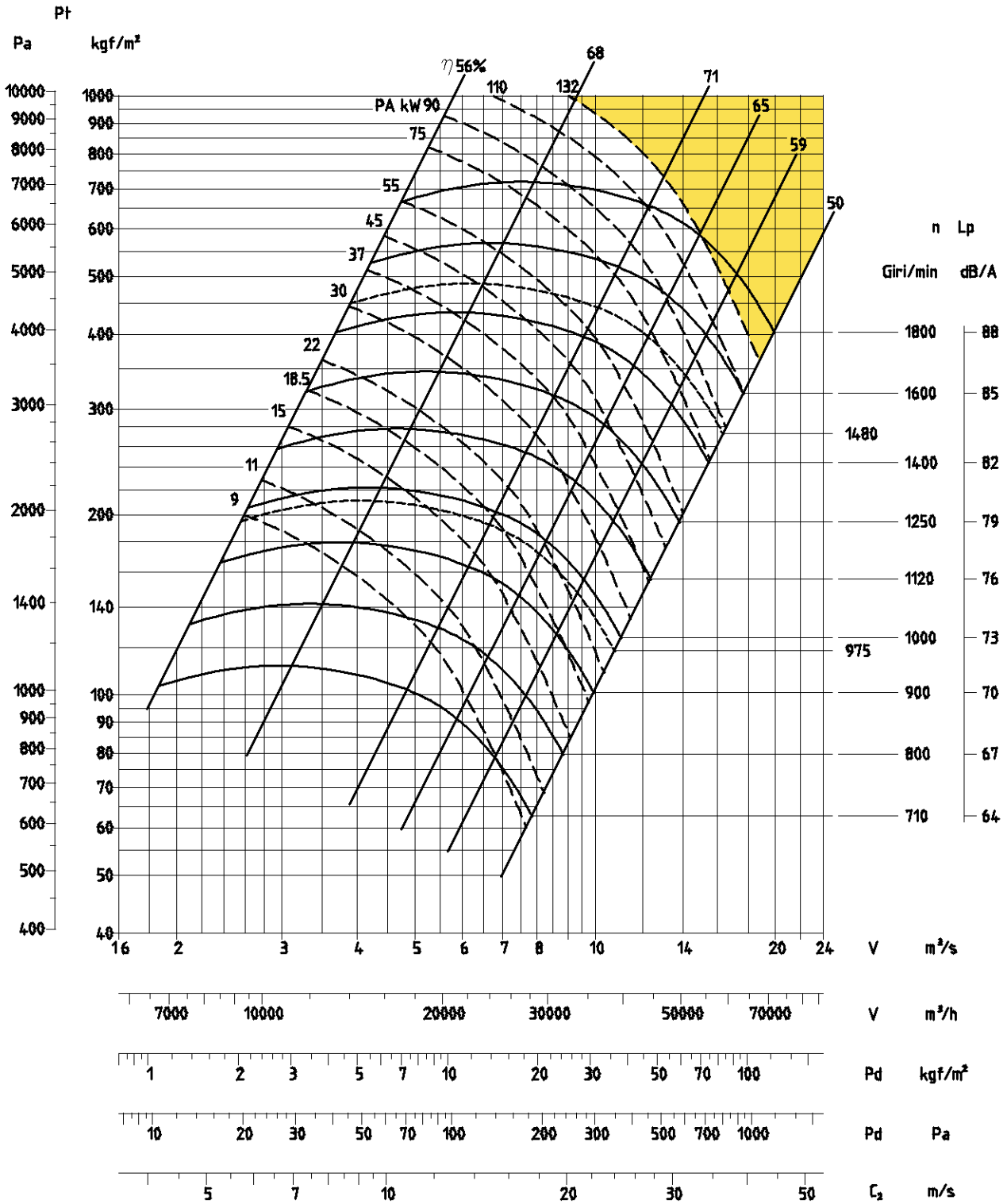
VENTILATORE TIPO **FP 1001 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21113

Bocca premente **800X560**

Bocca aspirante **800**



Giri massimi ammissibili

≤ 100°C=	1800
101 – 200°C=	1600
201 ÷ 300°C=	1400

PD^2=61 kgf·m²

J =15 kg·m²

Densita` fluido 1.226 kg/m³

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Arzignano (VICENZA)

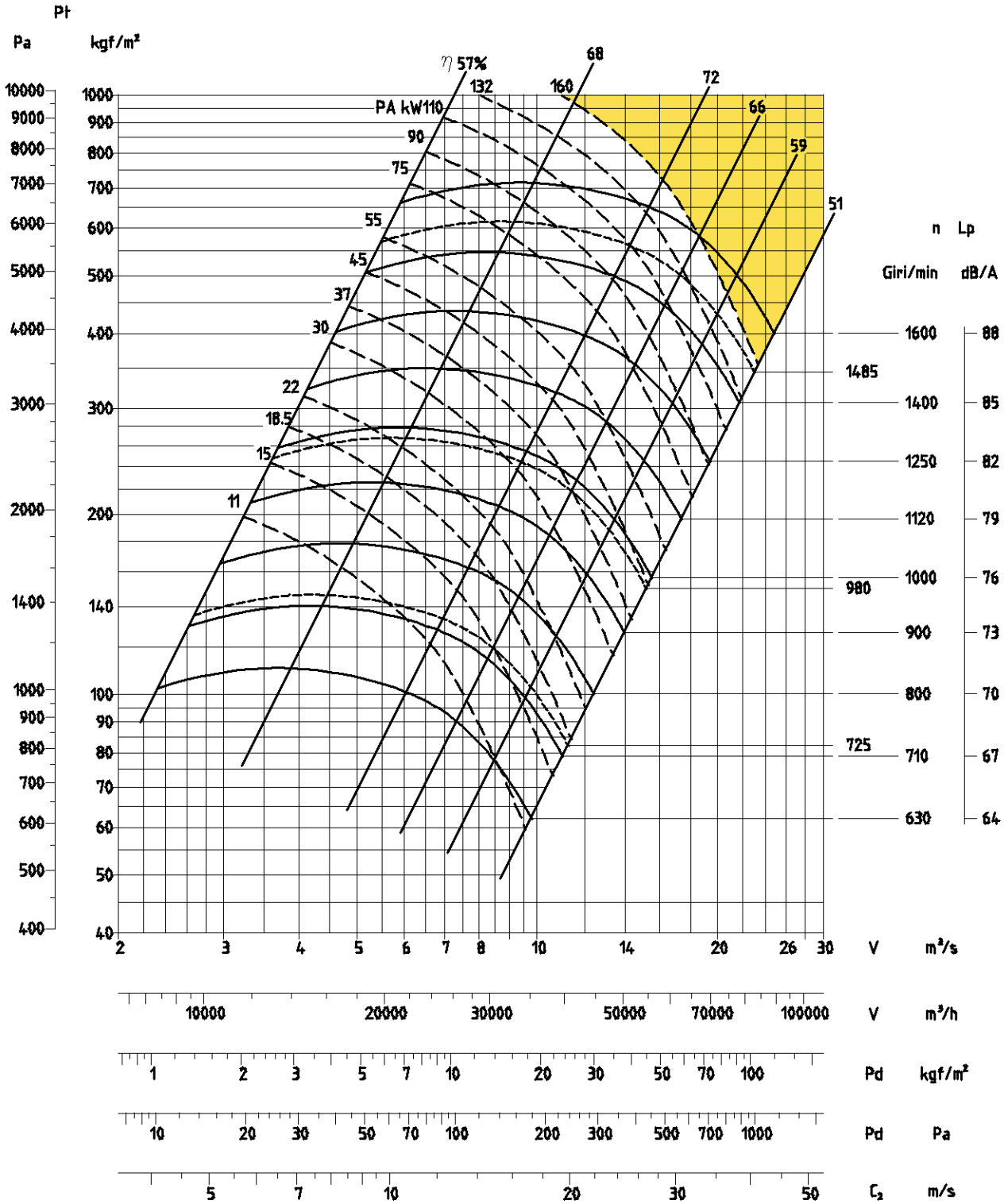
VENTILATORE TIPO **FP 1121 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21114

Bocca premente **900X630**

Bocca aspirante **900**



Giri massimi ammissibili

≤ 100°C=	1600
101 – 200°C=	1400
201 ÷ 300°C=	1250

PD^2=144 kgf·m²

J =36 kg·m²

Densita` fluido 1.226 kg/m³

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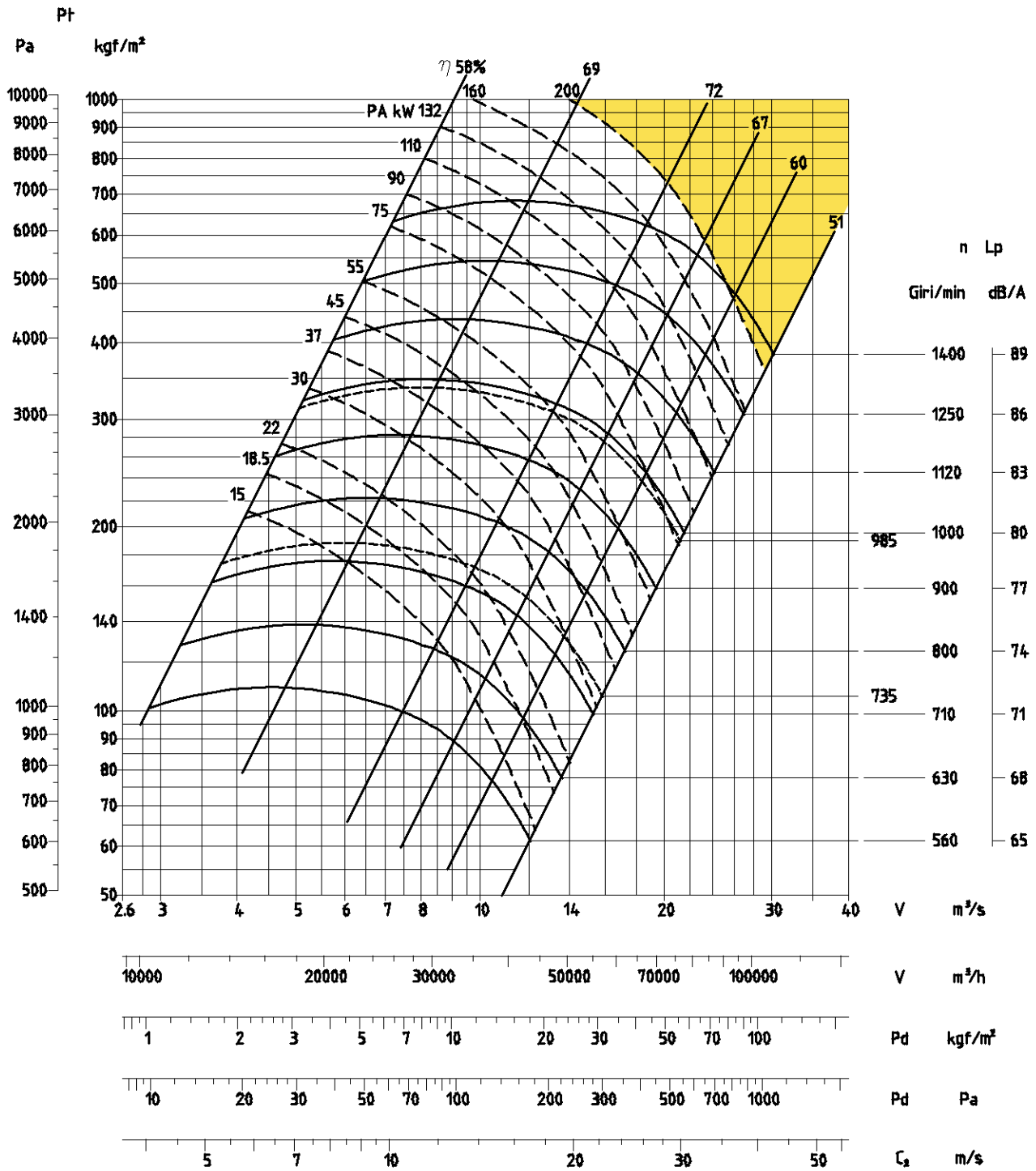
VENTILATORE TIPO **FP 1251 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21115

Bocca premente **1000X710**

Bocca aspirante **1000**



Giri massimi ammissibili

≤ 100°C=	1400
101 – 200°C=	1250
201 ÷ 300°C=	1120

PD^2=236 kgf·m²

J =59 kg·m²

Densita` fluido 1.226 kg/m³

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Arzignano (VICENZA)

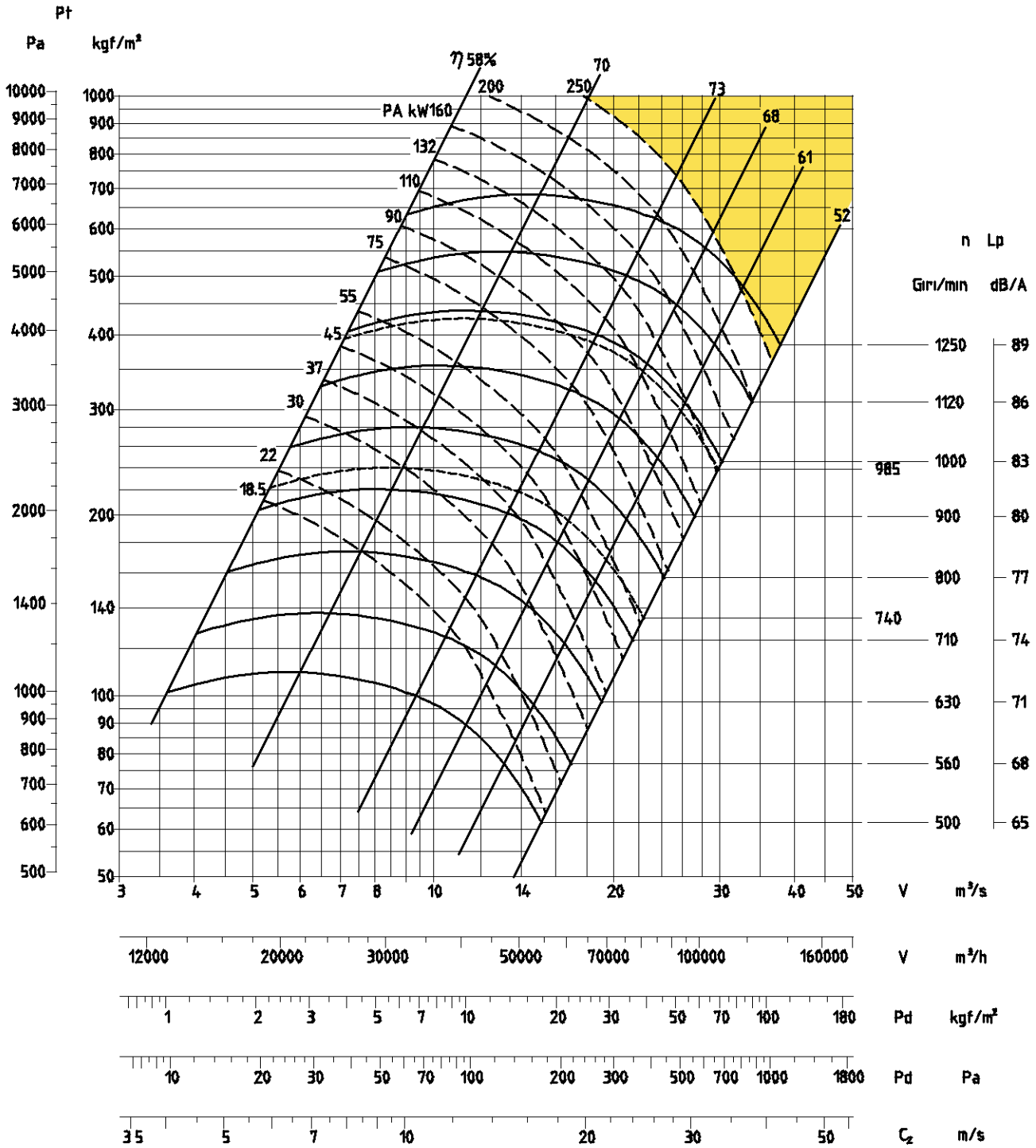
VENTILATORE TIPO **FP 1401 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21116

Bocca premente **1120X800**

Bocca aspirante **1120**



Giri massimi ammissibili

≤ 100°C=	1250
101 – 200°C=	1120
201 ÷ 300°C=	1000

PD^2=290 kgf·m²

J =73 kg·m²

Densita` fluido 1.226 kg/m³

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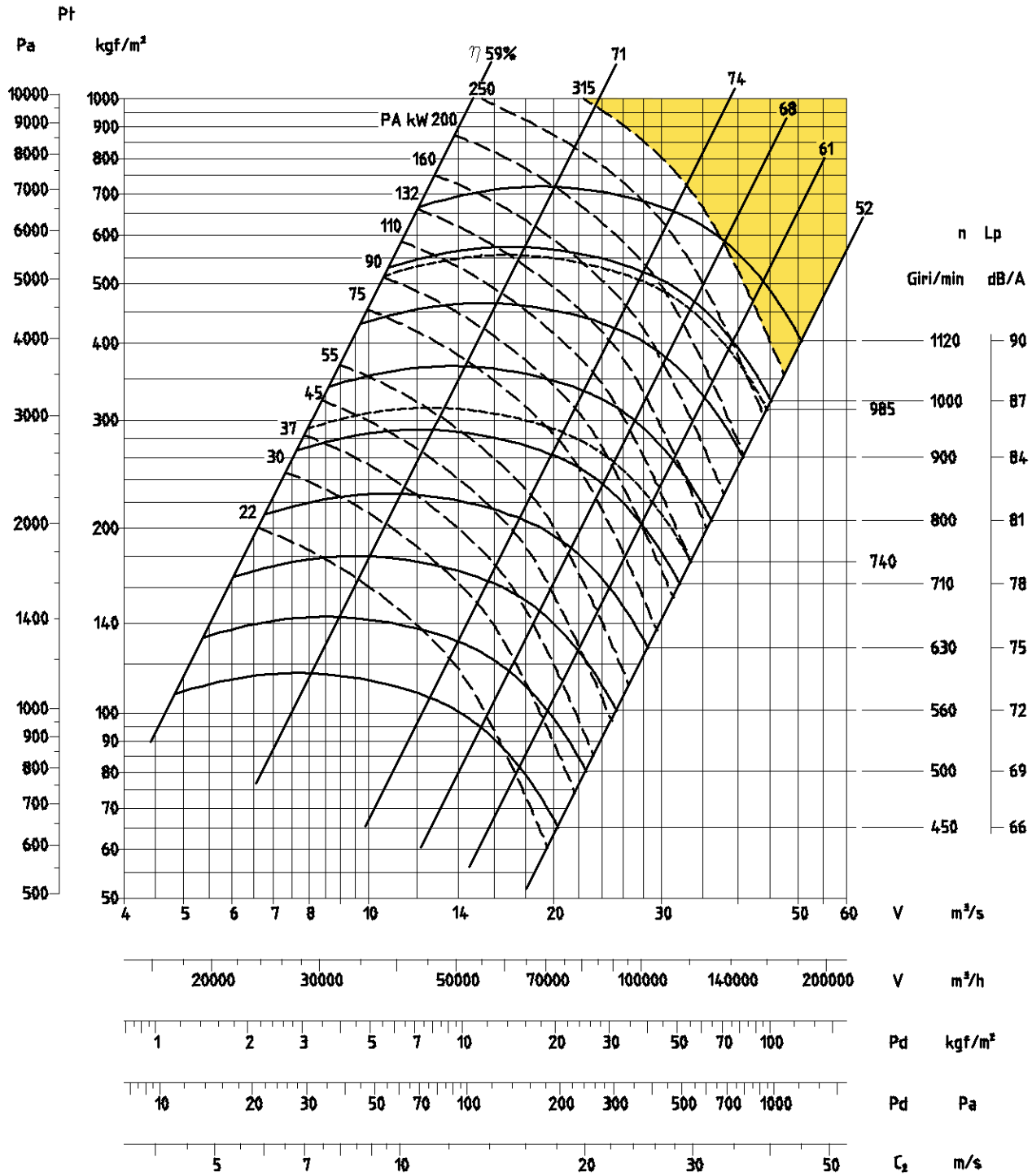
VENTILATORE TIPO **FP 1601 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21117

Bocca premente **1250X900**

Bocca aspirante **1250**



Giri massimi ammissibili

≤ 100°C=	1120
101 – 200°C=	1000
201 ÷ 300°C=	900

PD^2=510 kgf·m²

J =127 kg·m²

Densita` fluido 1.226 kg/m³

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Arzignano (VICENZA)

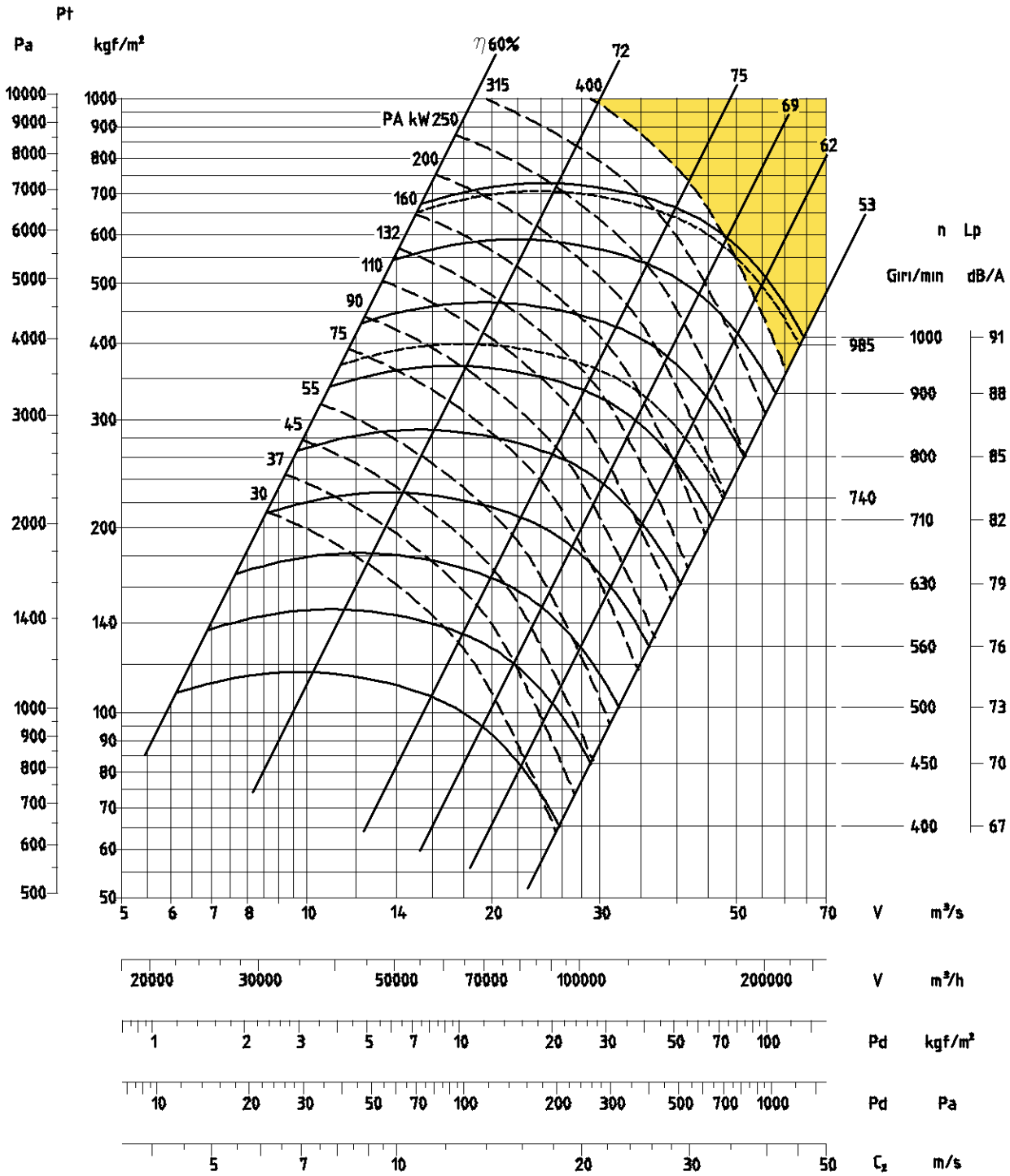
VENTILATORE TIPO **FP 1801 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21118

Bocca premente **1400X1000**

Bocca aspirante **1400**



Giri massimi ammissibili

≤ 100°C=	1000
101 – 200°C=	900
201 ÷ 300°C=	800

PD^2=900 kgf·m²

J =225 kg·m²

Densita` fluido 1.226 kg/m³

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ventilatori industriali S.p.A.
Arzignano (VICENZA)

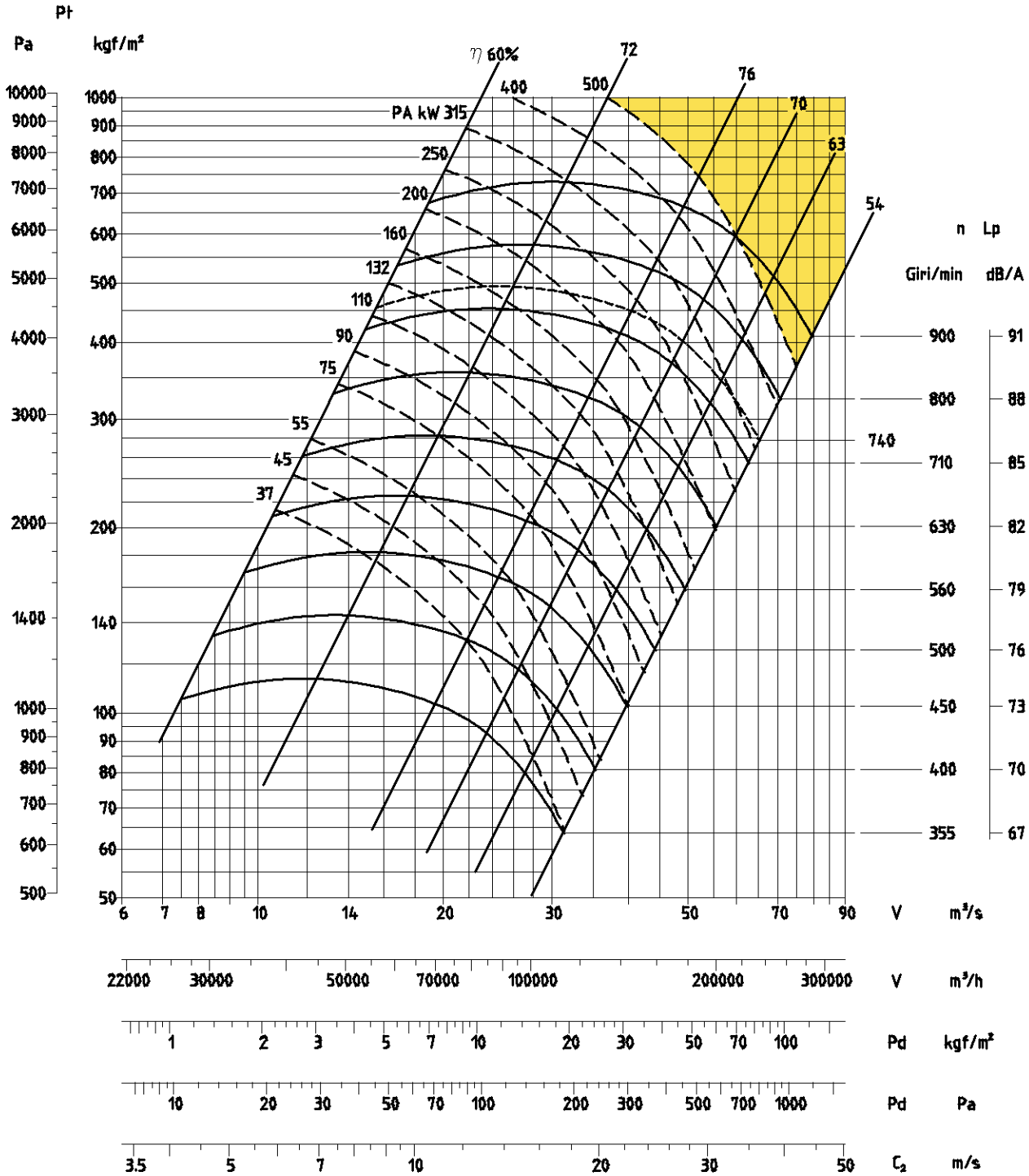
VENTILATORE TIPO **FP 2001 P1A NUOVO**

diagramma di funzionamento in **PREMENTE**

21119

Bocca premente **1600X1120**

Bocca aspirante **1600**



Giri massimi ammissibili

≤ 100°C=	900
101 – 200°C=	800
201 ÷ 300°C=	710

PD^2=1400 kgf·m²

J =350 kg·m²

Densita` fluido 1.226 kg/m³