

RU

VENTILATORE AD ALTO RENDIMENTO
HIGH EFFICIENCY FAN



GIRANTE A PALE CURVE ROVESCE
BACKWARD CURVED BLADES IMPELLER



MEDIA PRESSIONE
MEDIUM PRESSURE

Portata/Flow rate:
360 ÷ 120000 m³/h

Pressione/Pressure:
40 ÷ 650 mm H₂O





RU

VENTILATORE AD ALTO RENDIMENTO HIGH EFFICIENCY FAN



Ventilatore ad alto rendimento: Mod. RU.

Campo di lavoro: portate elevate, pressioni medie, rendimento elevato.

Tipo di pale: rovesce.

Applicazioni: aspirazione e trasporto di aria anche molto polverosa, trasporto pneumatico, impianti di essiccazione, segatura, trucioli vari, materiali granulari, ad esclusione dei materiali filamentosi.

Temperatura del fluido: fino a 60° C in esecuzione standard; esecuzioni speciali per temperature superiori.

Caratteristiche costruttive: costruzione robusta in lamiera verniciata, ventola in acciaio equilibrata staticamente e dinamicamente.

Caratteristiche di funzionamento:

condizioni dell'aria in aspirazione $T = 15^{\circ} \text{C}$, $p = 1 \text{ atm}$.

High efficiency fan: Mod. RU.

Field of application: high capacities, medium pressures, high performance.

Type of blades: backward.

Applications: suction and transport of air, pneumatic transport, drying systems, sawdust, woodchips, granulated materials with the exclusion of fibrous materials.

Air temperature: up to 60° C standard, special features for higher temperatures.

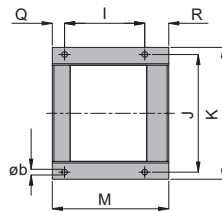
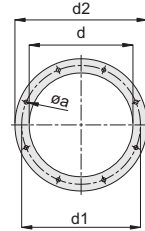
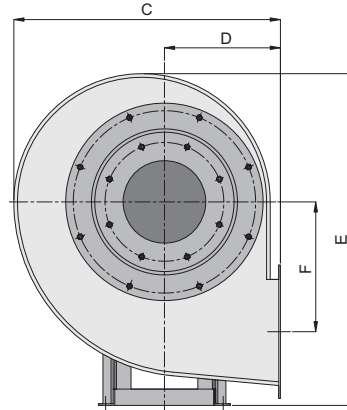
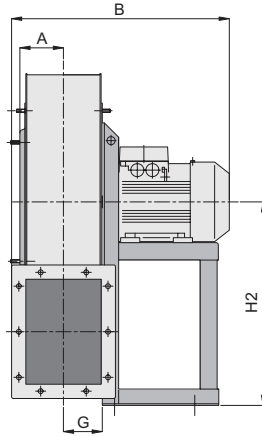
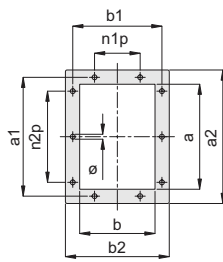
Construction specifications: rigid construction in sheet metal.

Statically and dynamically balanced impellers.

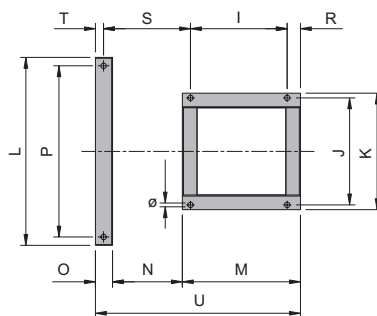
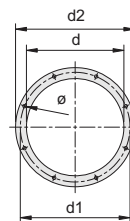
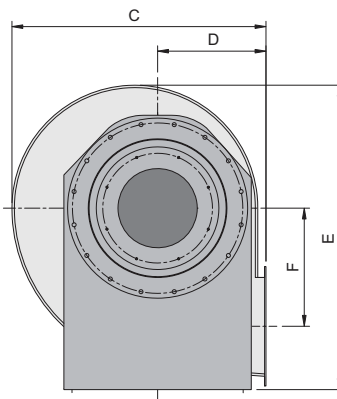
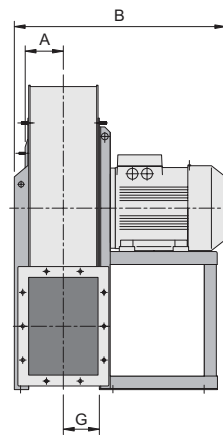
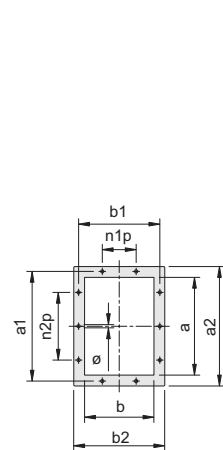
Working principles: condition of the ducted air $T = 15^{\circ} \text{C}$, $p = 1 \text{ atm}$.



Orientamento RD 270
Position RD 270

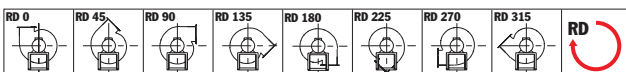


RU 250÷500

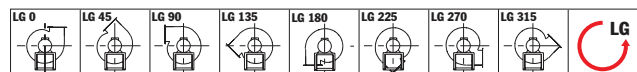


RU 560÷630

Direzioni di rotazione (vista lato motore) - Rotation senses (seen from motor side)



Rotazione oraria - Clockwise rotation sense



Rotazione anti-oraria - Anti-Clockwise rotation sense

DIMENSIONI D'INGOMBRO

OVERALL DIMENSIONS



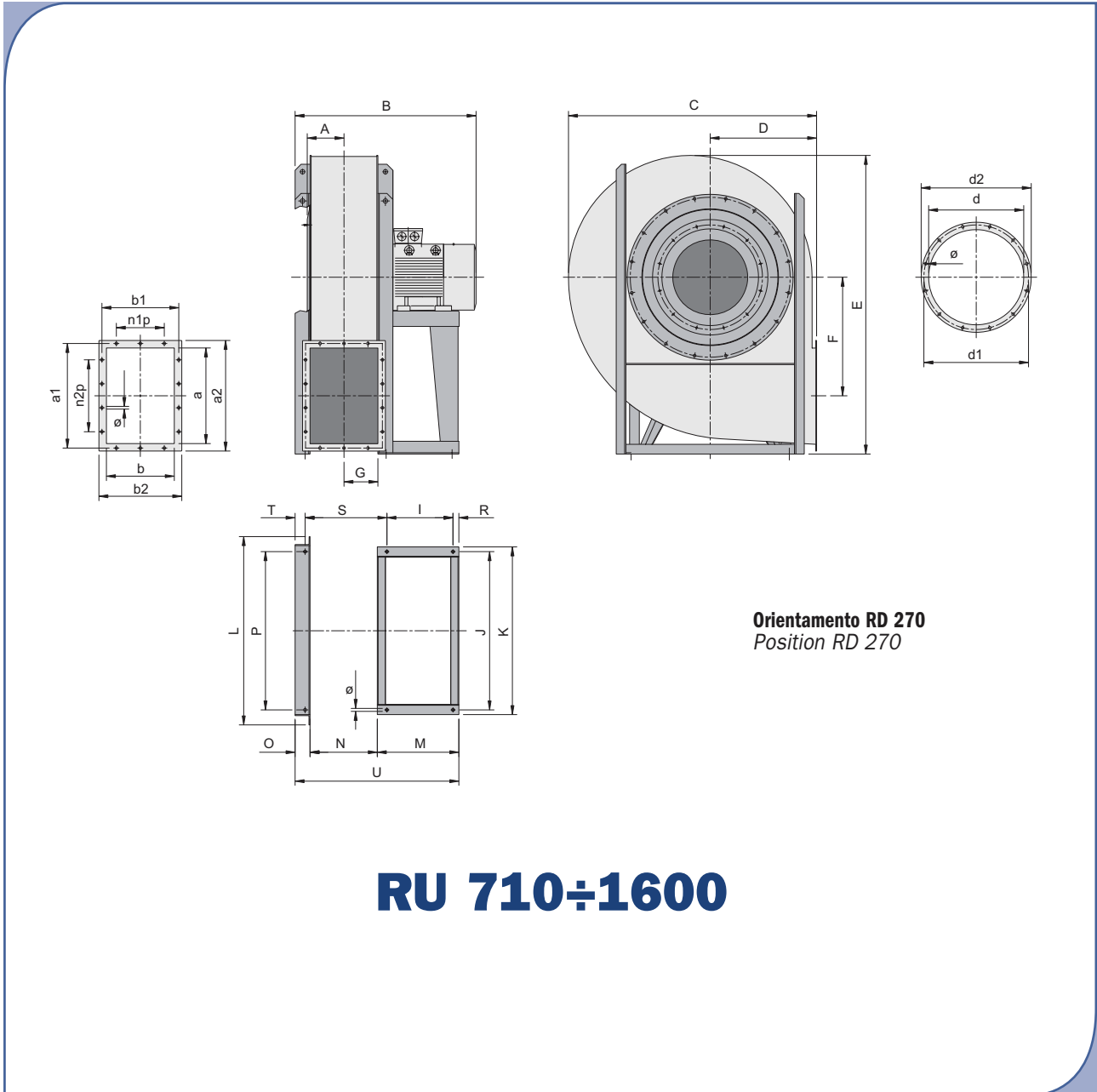
RU 250÷630

Peso ventilatore in Kgf (completo di motore) - Weight of ventilator (complete with motor)

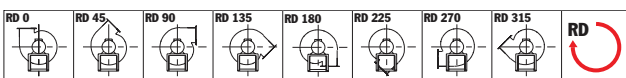
NOTA: quota B indicativa - NOTE: "B" quote indicative

TIPO - TYPE		PESO WEIGHT	PD² GD²	VENTILATORE FAN									
VENTILATORE FAN	MOTORE MOTOR			kgf	kgf m²	A	B	C	D	E	F	G	H
RU 250	71 A2	25	0,11	86	400	441	195	526	175	76	315	195	315
RU 280	71 B2	30	0,13	95	420	477	200	610	202	86	375	200	375
RU 310	80 B2	40	0,25	105	460	527	225	658	229	96	400	225	400
RU 350	90 L2	67	0,42	115	530	600	255	740	253	107	450	255	450
RU 400	112 M2	105	0,78	127	630	655	285	815	286	118	500	285	500
RU 450	132 SB2	150	1,22	140	670	735	320	915	321	131	560	320	560
RU 501	160 MR2	230	2,3	159	830	832	360	1000	355	148	600	360	600
RU 502	90 S4	128	2,4		580								
RU 561	160 M2	282	3,5	180	880	940	400	1126	390	165	670	400	670
RU 562	160 L2	292	3,8		880								
RU 563	100 LA4	138	3,65		705								
RU 631	200 LR2	380	5,5	200	1080	1052	450	1260	439	185	750	450	750
RU 632	200 L2	390	5,9		1080								
RU 633	112 M4	175	5,7		775								

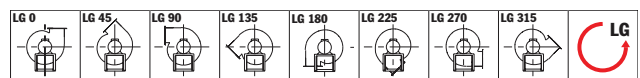
TIPO - TYPE	FLANGIA ASPIRANTE INLET FLANGE						FLANGIA PREMENTE OUTLET FLANGE								BASAMENTO BASE															
	VENTILATORE FAN	d	d ₁	d ₂	n°	∅	a	b	a ₁	b ₁	a ₂	b ₂	n ₁ xp	n ₂ xp	n°	∅	I	J	K	L	M	N	O	P	Q	R	S	T	U	∅
RU 250		205	241	275	8	8	207	148	241	182	277	218	1x112	1x112	8	12	121	203	225	-	189	-	-	-	45	23	-	-	-	10
RU 280		228	265	298	8	8	231	166	265	200	301	236	1x112	1x112	8	12	121	203	225	-	189	-	-	-	45	23	-	-	-	10
RU 310		255	292	325	8	10	258	185	292	219	328	255	1x112	2x112	10	12	121	203	225	-	211	-	-	-	45	45	-	-	-	10
RU 350		285	332	365	8	10	288	205	332	249	368	285	1x125	2x125	10	12	133	234	260	-	246	-	-	-	55	58	-	-	-	10
RU 400		320	366	400	8	10	322	229	366	273	402	309	1x125	2x125	10	12	197	289	324	-	276	-	-	-	30	49	-	-	-	12
RU 450		360	405	440	8	10	361	256	405	300	441	336	1x125	2x125	10	12	237	337	372	-	336	-	-	-	40	59	-	-	-	12
RU 501		405	448	485	12	10	404	288	448	332	484	368	2x125	3x125	14	12	337	395	440	-	436	-	-	-	50	49	-	-	-	14
RU 502																	133	234	260	-	246	-	-	-	55	58	-	-	-	10
RU 561		455	497	535	12	10	453	322	497	366	533	402	2x125	3x125	14	12	337	395	440	-	436	-	-	-	28	406	-	-	794	14
RU 562																	337	395	440	692	436	326	53	632	-	28	406	23	794	14
RU 563																	197	289	324	276	276	-	-	-	23	386	-	-	629	12
RU 631		505	551	585	12	10	507	361	551	405	587	441	2x125	3x125	14	12	381	506	568	-	500	-	-	-	49	475	-	-	918	20
RU 632																	381	506	568	752	500	363	53	702	-	49	475	23	918	20
RU 633																	197	289	324	250	250	-	-	-	49	425	-	-	668	12



Direzioni di rotazione (vista lato motore) - Rotation senses (seen from motor side)



Rotazione oraria - Clockwise rotation sense



Rotazione anti-oraria - Anti-Clockwise rotation sense

DIMENSIONI D'INGOMBRO

OVERALL DIMENSIONS



RU 710÷1600

Peso ventilatore in Kgf (completo di motore) - Weight of ventilator (complete with motor)

NOTA: quota B Indicativa - NOTE: "B" quote indicative

TIPO - TYPE		PESO WEIGHT	PD ² GD ²	VENTILATORE FAN										
VENTILATORE FAN	MOTORE MOTOR			kgf	kgf m ²	A	B	C	D	E	F	G	H	H ₁
RU 711	132 SA4	270	10,5		880									
RU 712	132 MA4	281	11,5	221	920	1189	500	1416	500	202	670	500	850	
RU 801	132 MB4	327	18		940									
RU 802	160 M4	397	20	246	1010	1340	560	1591	560	226	755	560	950	
RU 803	132 MA6	337	19		940									
RU 901	180 M4	416	34		1110									
RU 902	200 L4	671	37,5	277	1230	1500	630	1780	630	253	850	630	1060	
RU 903	160 M6	486	36,5		1070									
RU 1001	225 S4	749	71		1295									
RU 1002	225 M4	759	78	308	1320	1685	710	1993	710	284	950	710	1180	
RU 1003	160 L6	612	76		1190									
RU 1004	180 L6	642	69		1230									
RU 1121	250 M4	1140	90,5		1580									
RU 1122	280 S4	1212	96	343	1620	1884	800	2222	800	319	1060	800	1320	
RU 1123	200 LR6	967	86		1390									
RU 1124	200 L6	987	90,5		1390									
RU 1251	315 S4	1470	151		1660									
RU 1252	315 M4	1530	172	387	1710	2116	900	2517	900	357	1190	900	1500	
RU 1253	225 M6	1220	151		1460									
RU 1254	250 M6	1316	161		1550									
RU 1401	280 S6	1834	262	430	1790	2365	1000	2816	1000	400	1320	1000	1700	
RU 1402	315 S6	1954	270		1800									

TIPO - TYPE	FLANGIA ASPIRANTE INLET FLANGE					FLANGIA PREMENTE OUTLET FLANGE										BASAMENTO BASE														
	VENTILATORE FAN	d	d ₁	d ₂	n°	∅	a	b	a ₁	b ₁	a ₂	b ₂	n.xp	n.xp	n°	∅	I	J	K	L	M	N	O	P	Q	R	S	T	U	∅
RU 711		565	629	665	12	10	569	404	629	464	669	504	2x160	3x160	14	14	201	772	826	915	336	404	60	772	-	59	497	27	764	20
RU 712																	201				336					59				833
RU 801		635	698	735	12	12	638	453	698	513	738	553	2x160	3x160	14	14	315	862	926	1045	436	453	80	862	-	49	546	47	948	20
RU 802																	201				336					59				833
RU 803																					336					59				833
RU 901		715	775	815	16	12	715	507	775	567	815	607	2x160	4x160	16	14	361	962	1026	1145	460	507	80	962	-	39	600	47	1047	20
RU 902																	401				500					39				1087
RU 903																	316				436					49				1002
RU 1001		805	861	905	16	12	801	569	871	639	921	689	2x200	3x200	14	14	440				540					45				1209
RU 1002																	440				540					45				1209
RU 1003																	315	1056	1128	1255	436	569	100	1056	-	49	657	67	1084	20
RU 1004																	360				460					45				1129
RU 1121		905	958	1005	16	12	898	638	968	708	1018	758	3x200	4x200	18	14	475				600					45				1338
RU 1122																	565				690					45				1428
RU 1123																	375	1178	1268	1400	500	638	100	1178	-	45	763	55	1238	24
RU 1124																	375				500					45				1238
RU 1251		1007	1067	1107	24	12	1007	715	1077	785	1127	835	3x200	4x200	18	14	675				800					45				1615
RU 1252																	675				800					45				1615
RU 1253																	415	1310	1400	1530	540	715	100	1310	-	45	840	55	1355	24
RU 1254																	475				600					45				1415
RU 1401		1130	1200	1250	24	12	1130	801	1210	881	1270	941	3x200	5x200	20	18	535				690	801	130	1450	-	55	946	85	1621	24
RU 1402																	645	1450	1560	1690	800					55				1731

RU

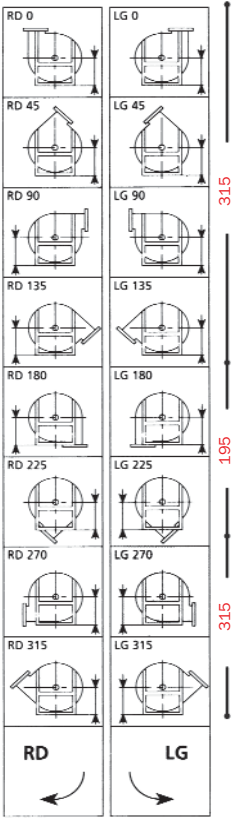
PRESTAZIONI VENTILATORI A TRASMISSIONE
BELT DRIVEN FANS PERFORMANCES



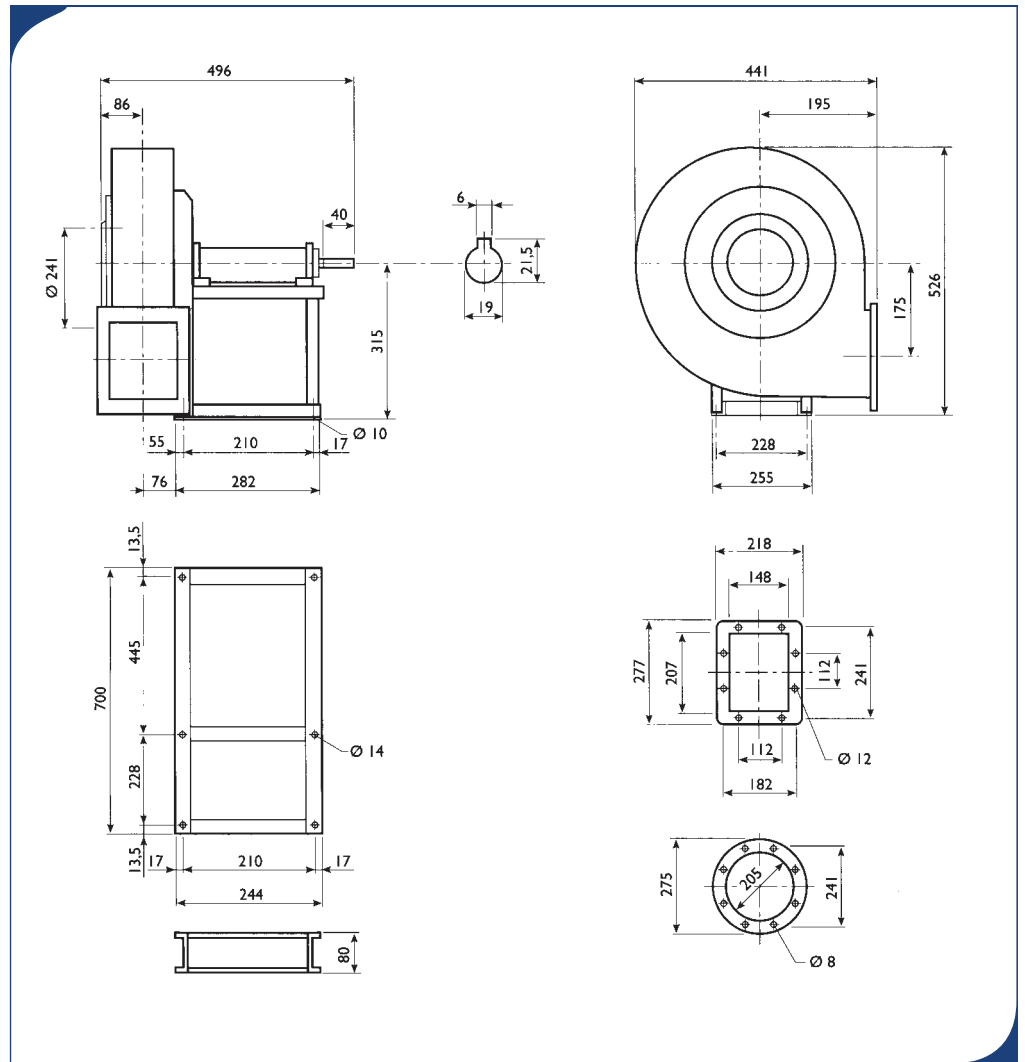
PRESTAZIONI VENTILATORI A TRASMISSIONE BELT BELT DRIVEN FANS PERFORMANCES



RU 250T



Il ventilatore è orientabile
The fan is revolvable



Peso ventilatore in kgf 25
Weight of ventilator in kgf 25

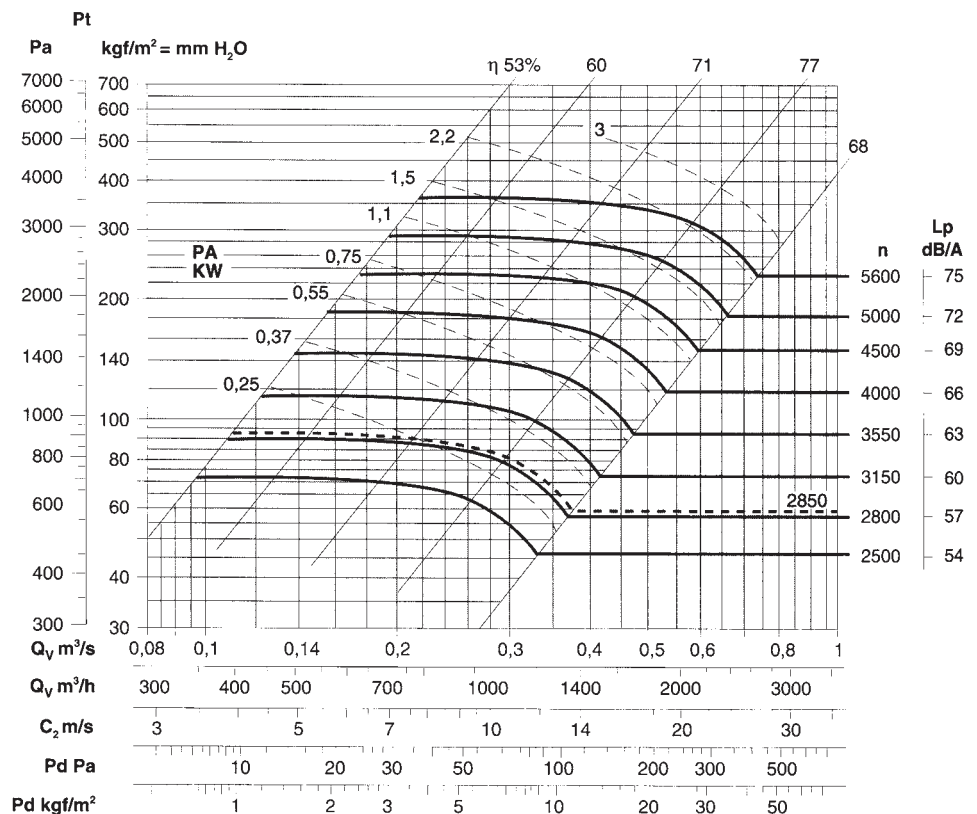
PD² = 0,11 kgf m²
GD² = 0,11 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 5000
100÷200°C = 4500
200÷300°C = 4000

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%

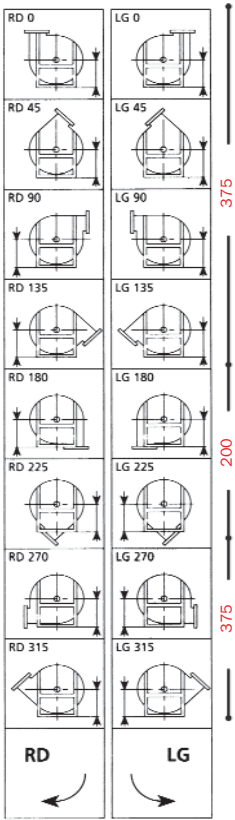




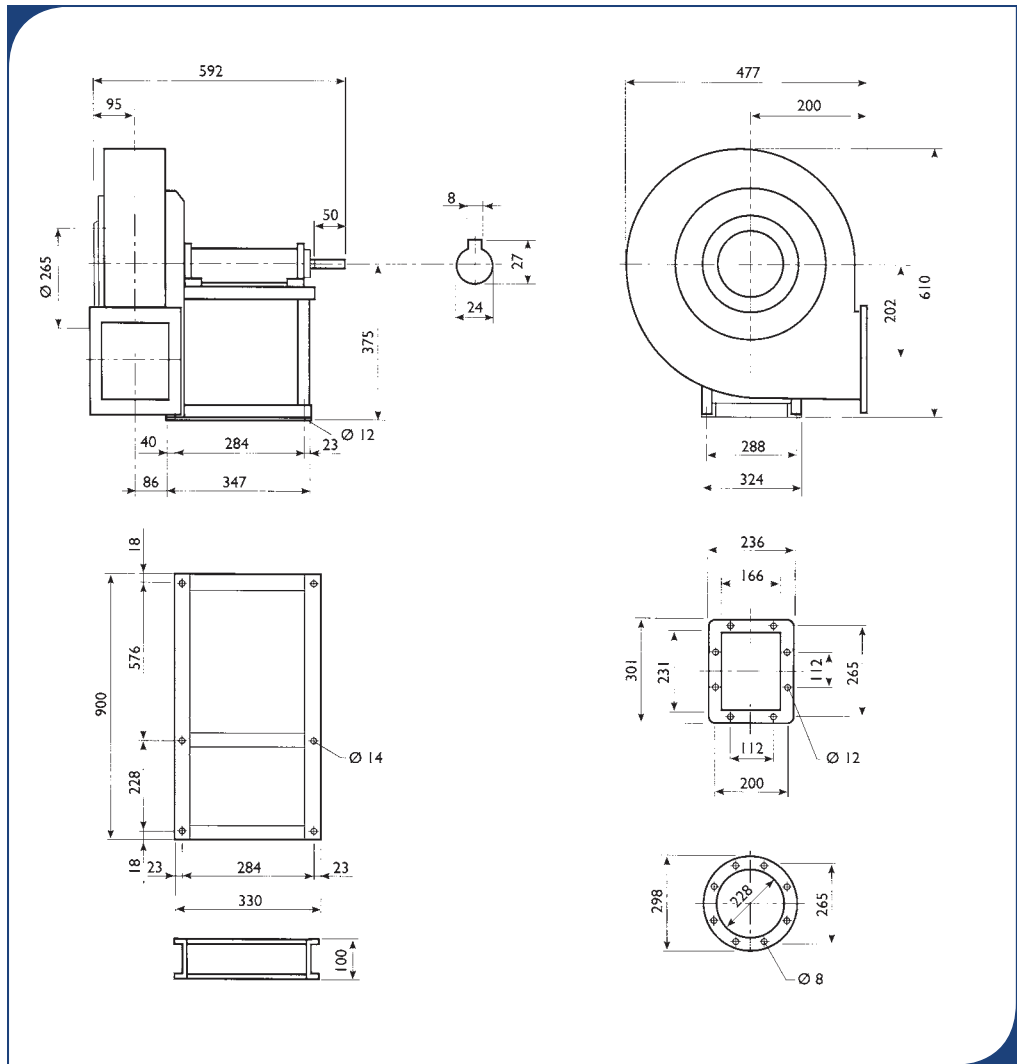
PRESTAZIONI VENTILATORI A TRASMISSIONE

BELT DRIVEN FANS PERFORMANCES

RU 280T



Il ventilatore è orientabile
The fan is revolvable



Peso ventilatore in kgf 36
Weight of ventilator in kgf 36

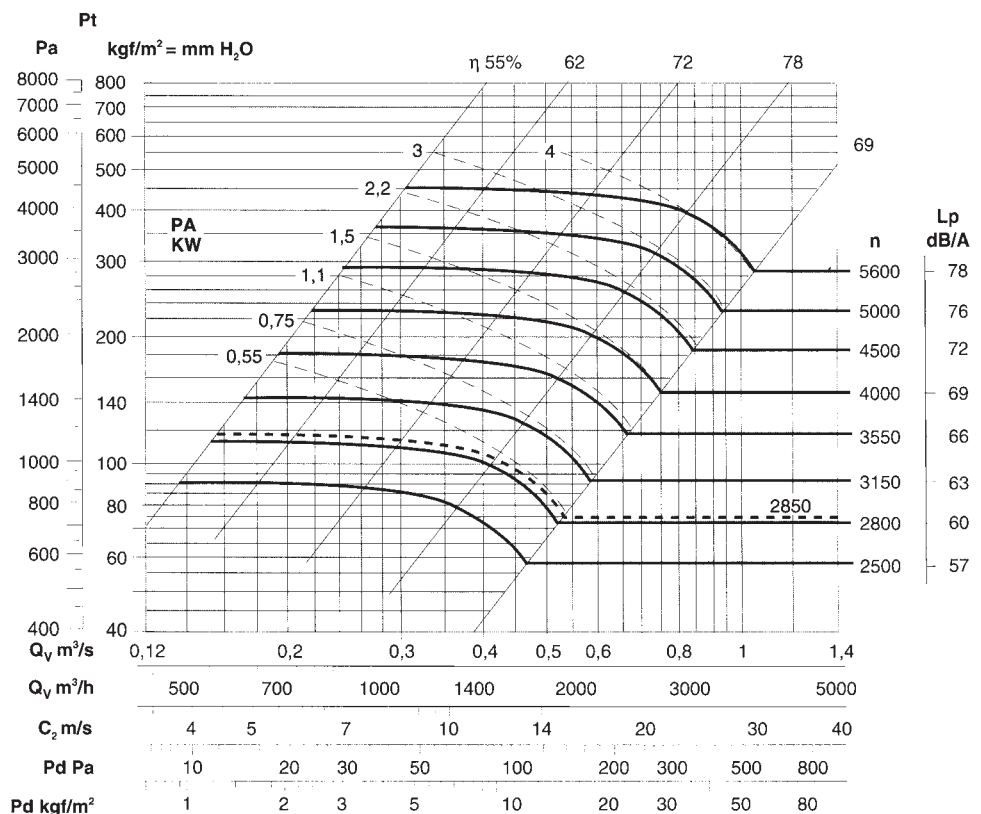
PD² = 0,13 kgf m²
GD² = 0,13 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 4750
100÷200°C = 4250
200÷300°C = 3700

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

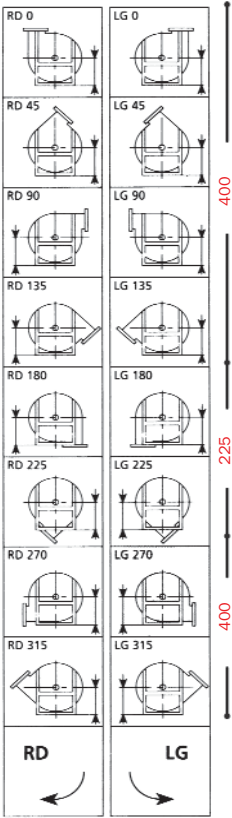
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



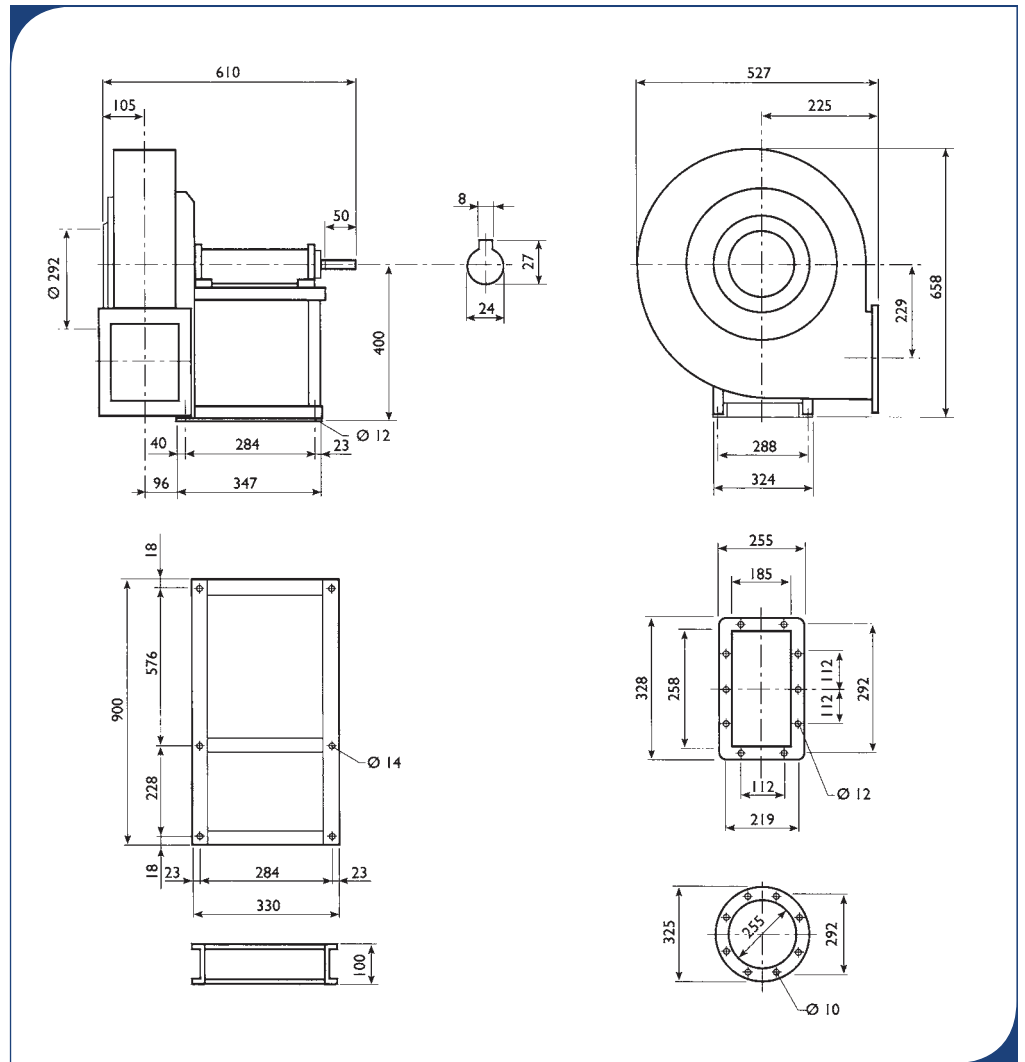
PRESTAZIONI VENTILATORI A TRASMISSIONE BELT BELT DRIVEN FANS PERFORMANCES



RU 310T



Il ventilatore è orientabile
The fan is revolvable



Peso ventilatore in kgf 43
Weight of ventilator in kgf 43

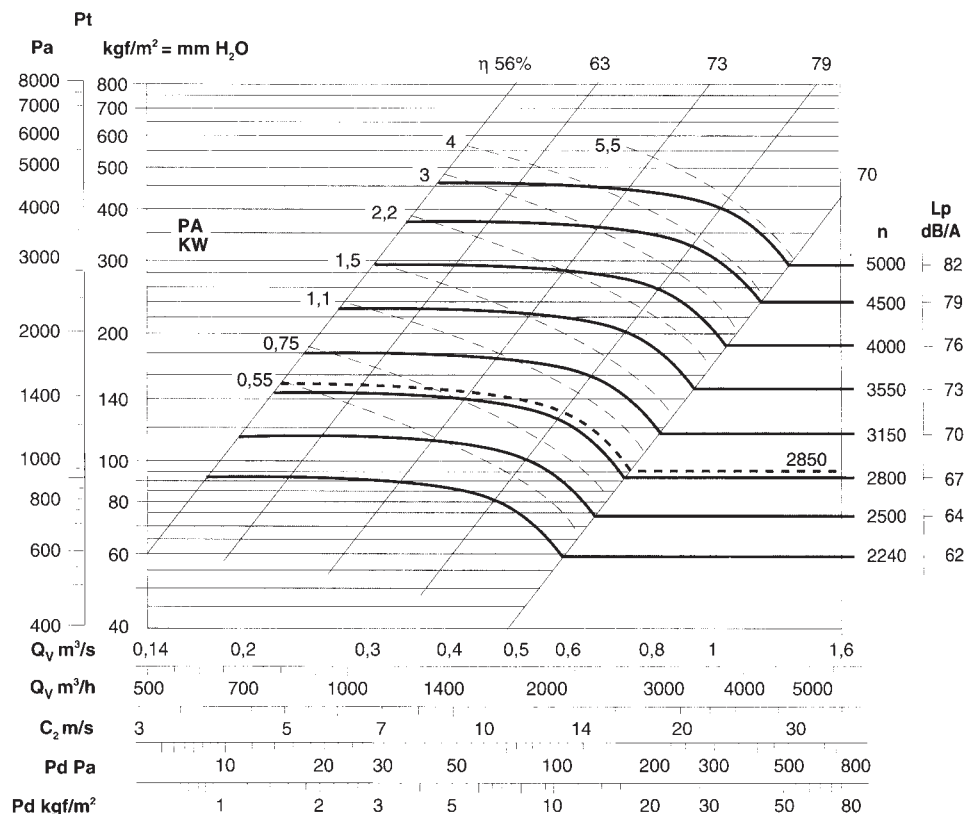
PD² = 0,25 kgf m²
GD² = 0,25 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 4500
100÷200°C = 4000
200÷300°C = 3500

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

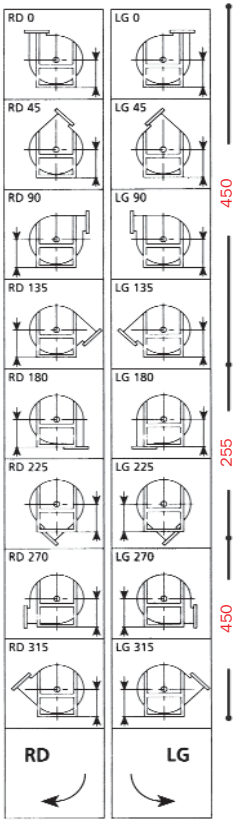
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



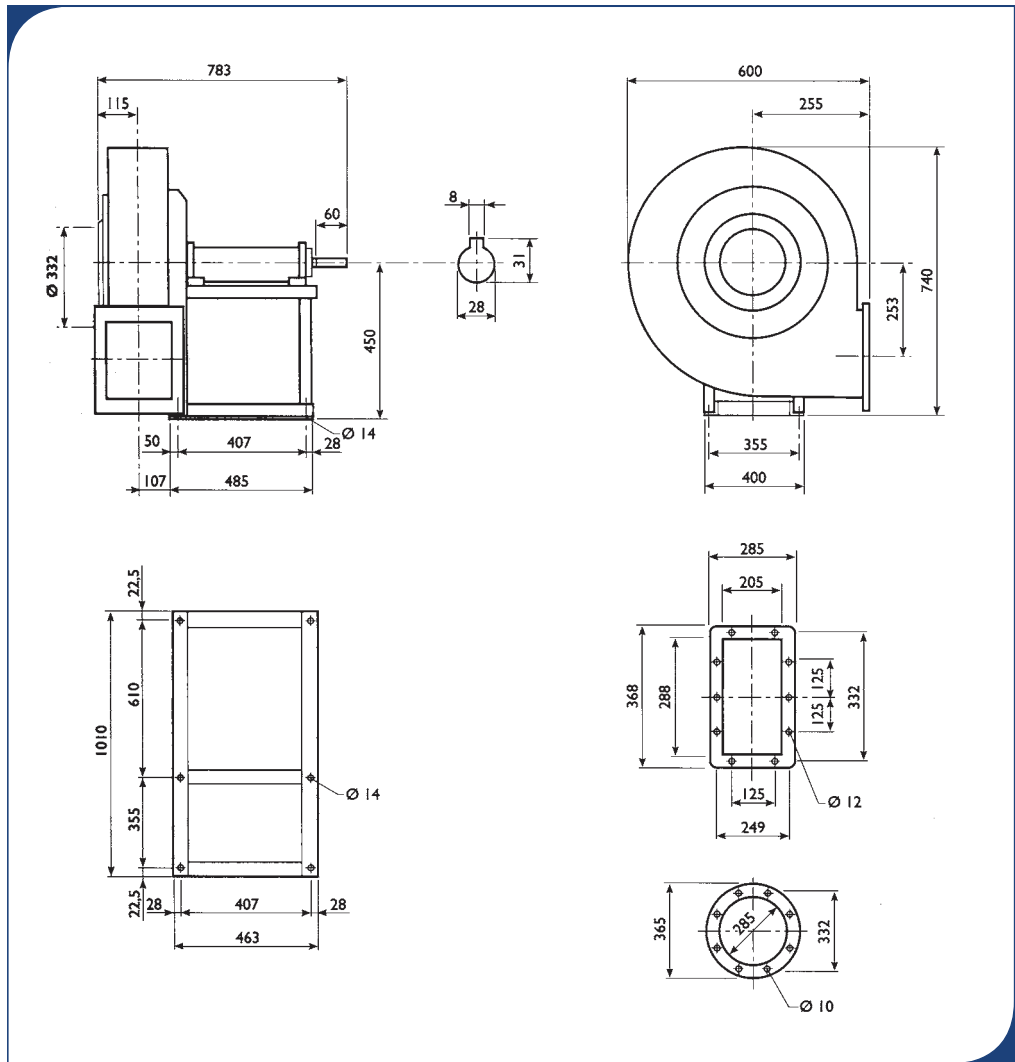


PRESTAZIONI VENTILATORI A TRASMISSIONE BELT DRIVEN FANS PERFORMANCES

RU 350T



Il ventilatore è orientabile
The fan is revolvable



Peso ventilatore in kgf 72
Weight of ventilator in kgf 72

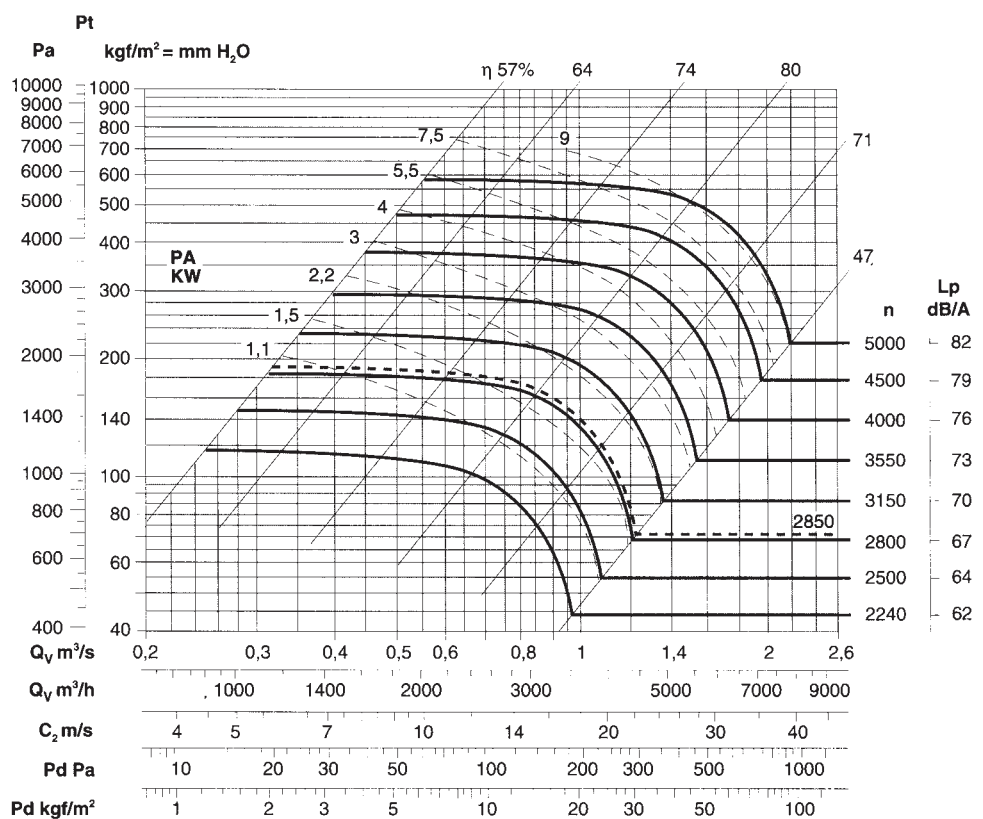
$PD^2 = 0,42 \text{ kgf m}^2$
 $GD^2 = 0,42 \text{ kgf m}^2$

Massima velocità di rotazione
Maximum rotation speed

<100°C = 4200
100÷200°C = 3750
200÷300°C = 3300

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

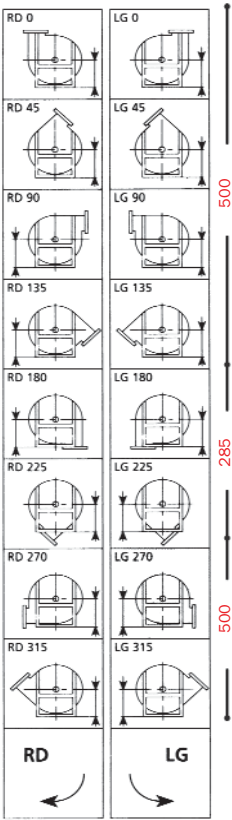
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



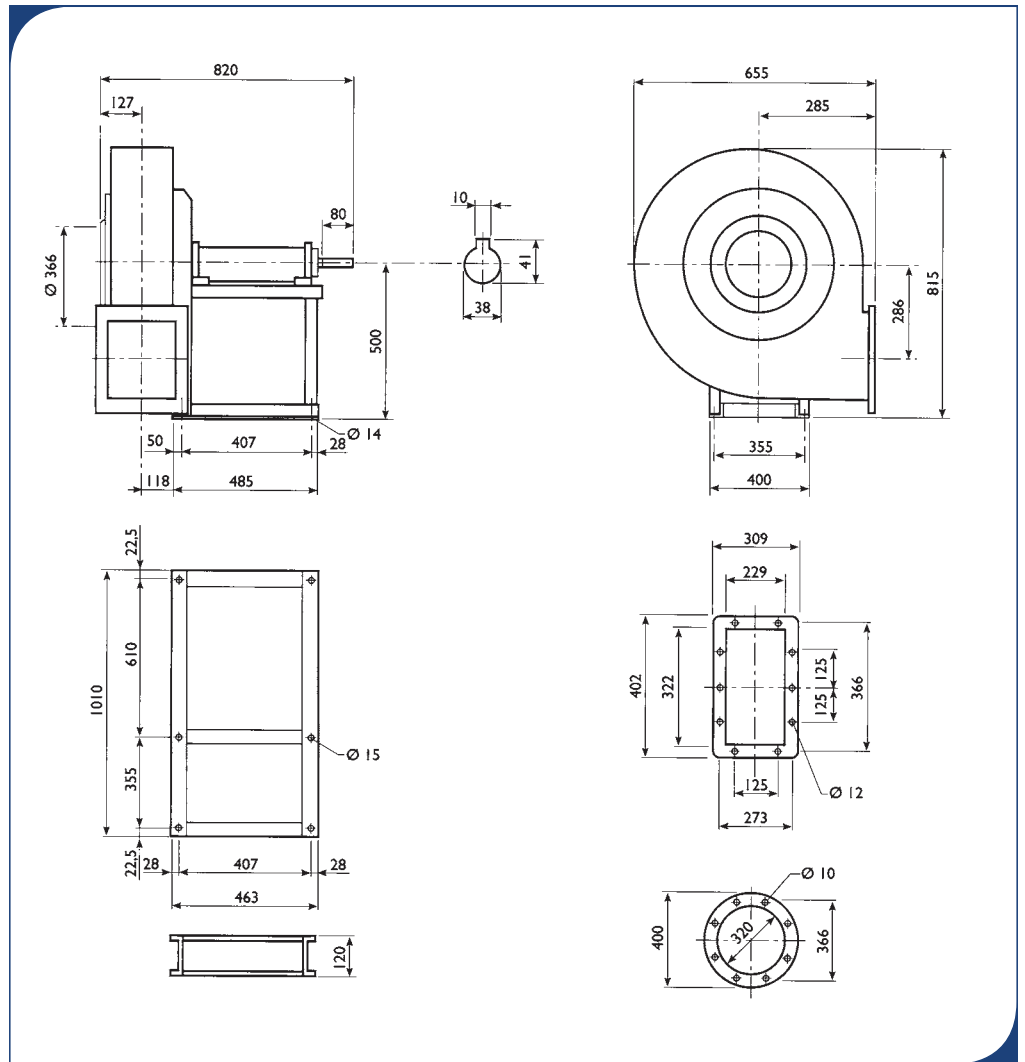
PRESTAZIONI VENTILATORI A TRASMISSIONE BELT BELT DRIVEN FANS PERFORMANCES



RU 400T



Il ventilatore è orientabile
The fan is revolvable



Peso ventilatore in kgf 85
Weight of ventilator in kgf 85

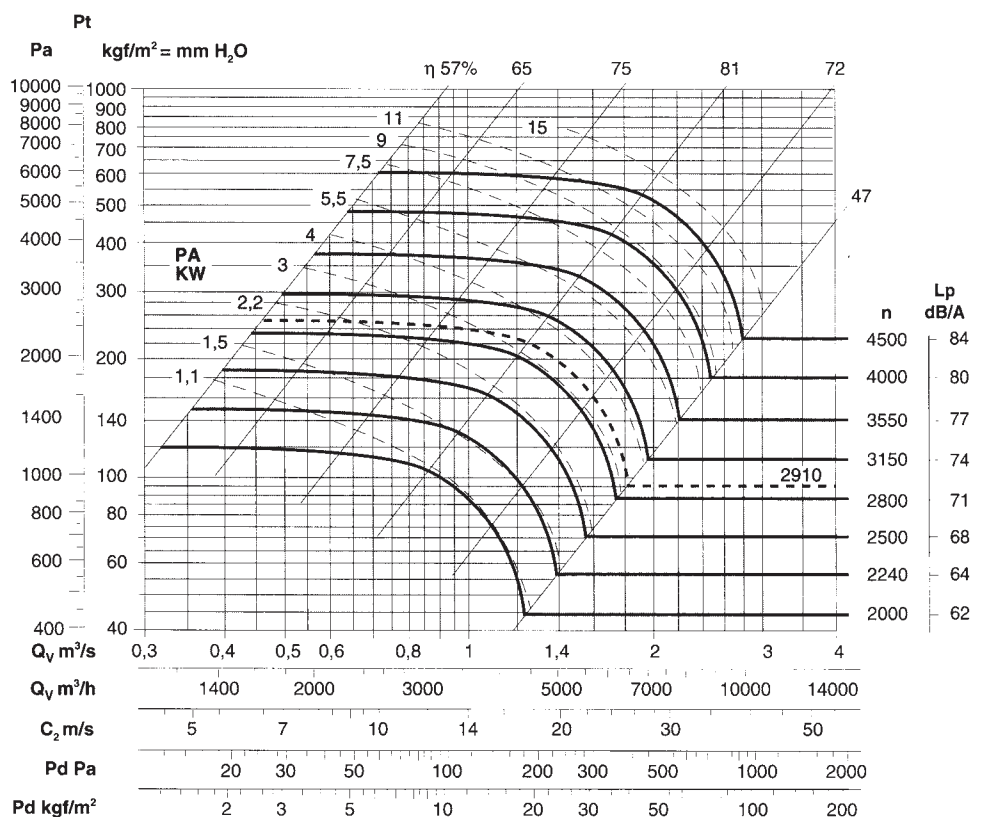
PD² = 0,78 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 3900
100÷200°C = 3550
200÷300°C = 3150

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

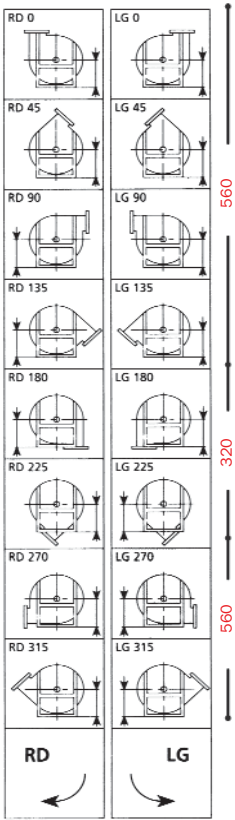
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



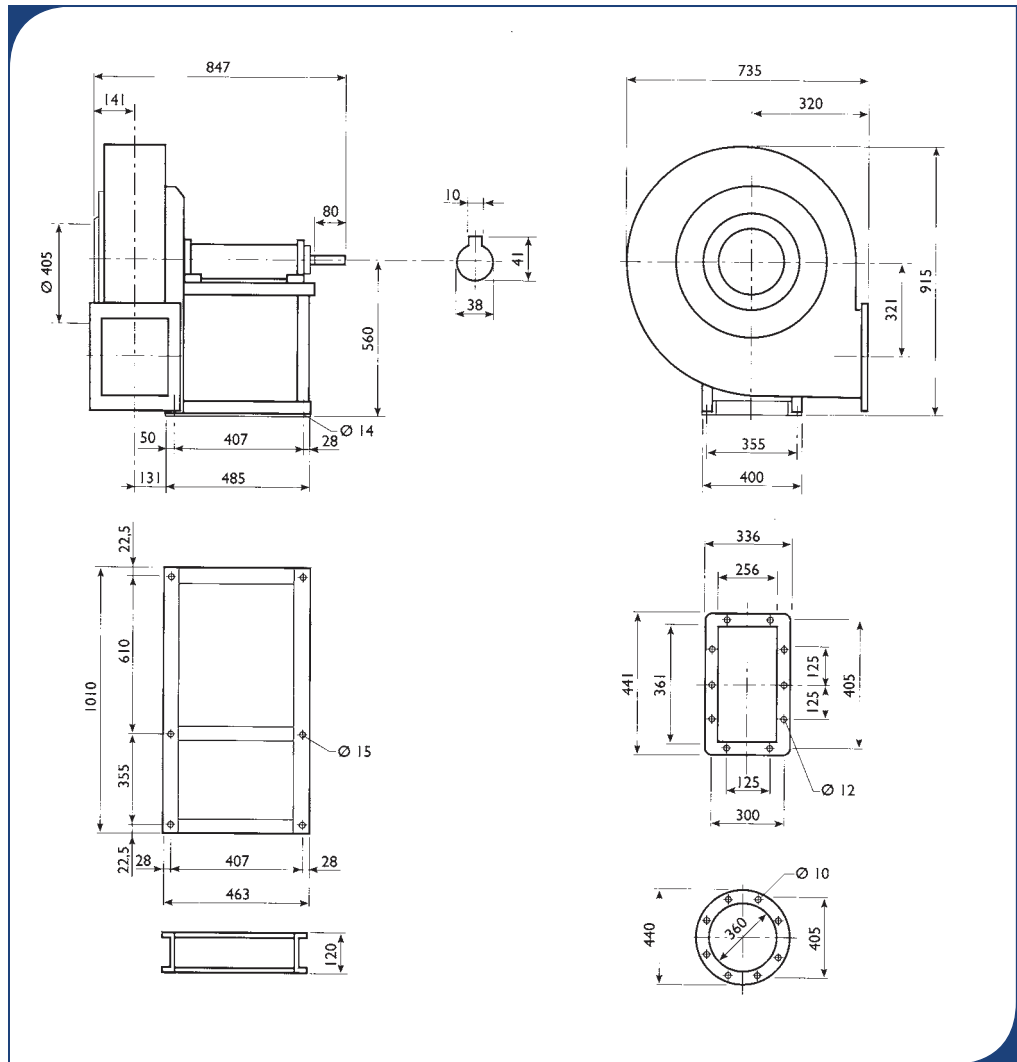


PRESTAZIONI VENTILATORI A TRASMISSIONE BELT DRIVEN FANS PERFORMANCES

RU 450T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 102
Weight of ventilator in kgf 102

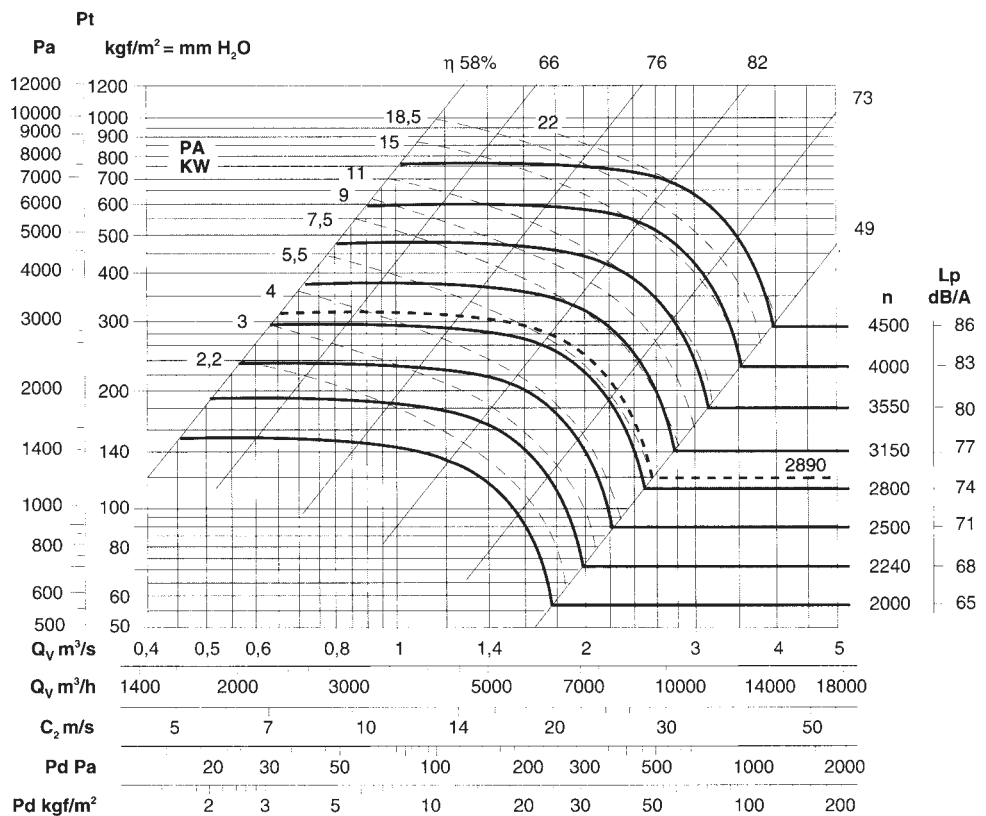
PD² = 1,22 kgf m²
GD² = 1,22 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 3650
100÷200°C = 3300
200÷300°C = 2900

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

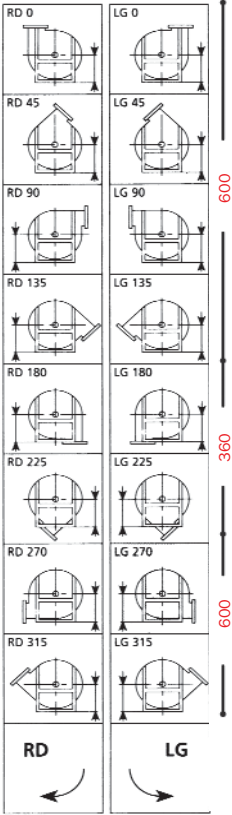
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



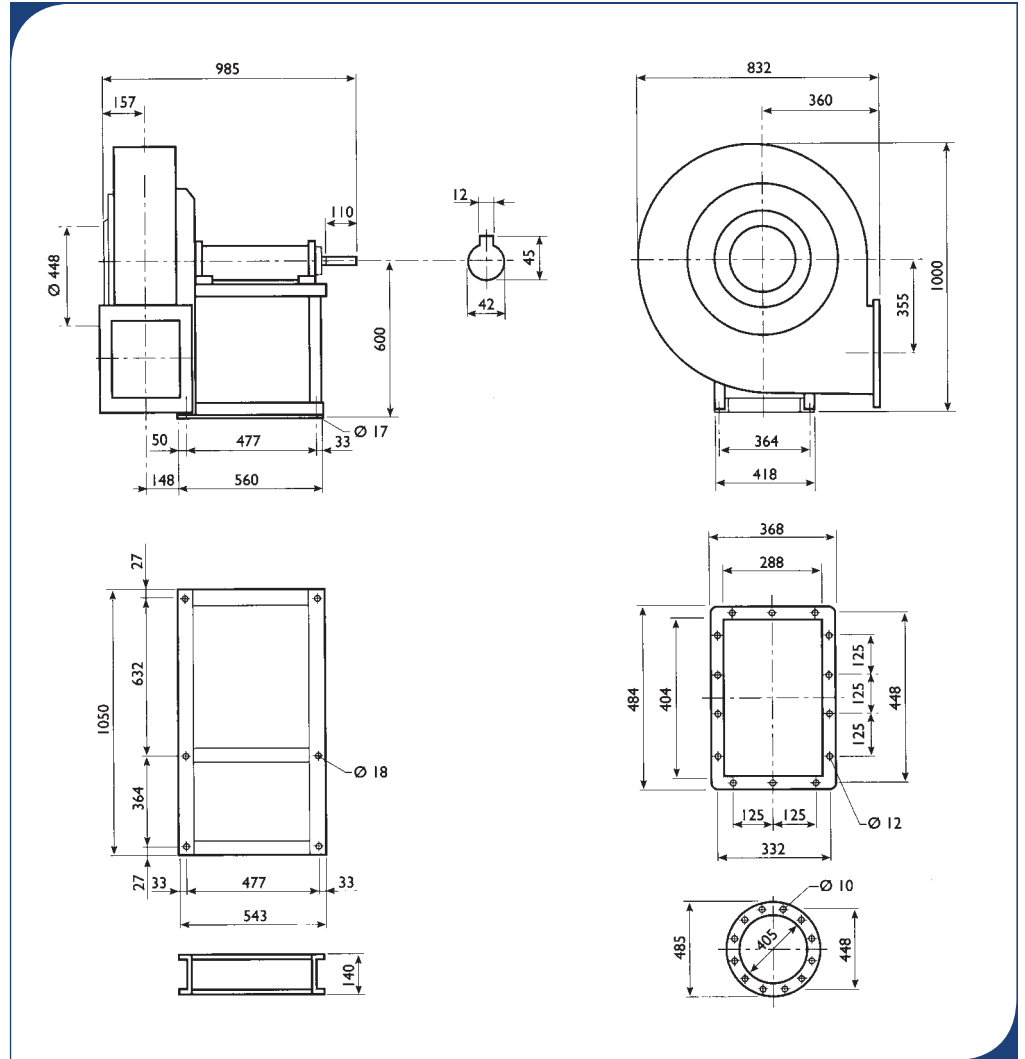
PRESTAZIONI VENTILATORI A TRASMISSIONE BELT BELT DRIVEN FANS PERFORMANCES



RU 500T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 145
Weight of ventilator in kgf 145

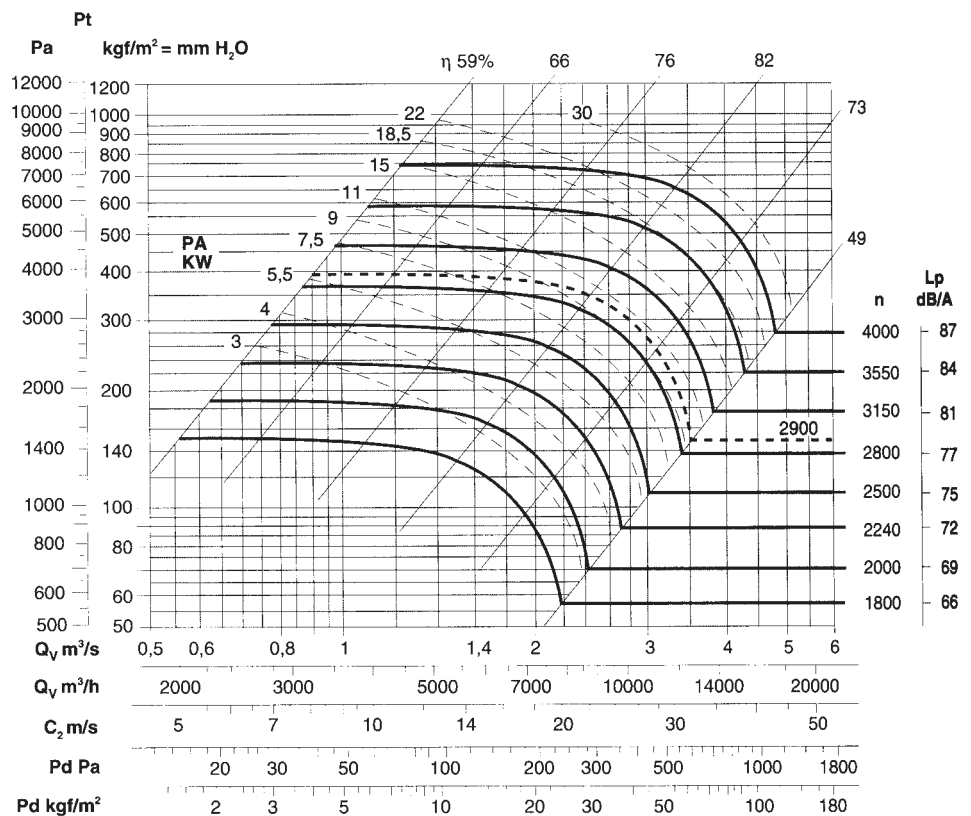
PD² = 2,3 kgf m²
GD² = 2,3 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 3400
100÷200°C = 3150
200÷300°C = 2800

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

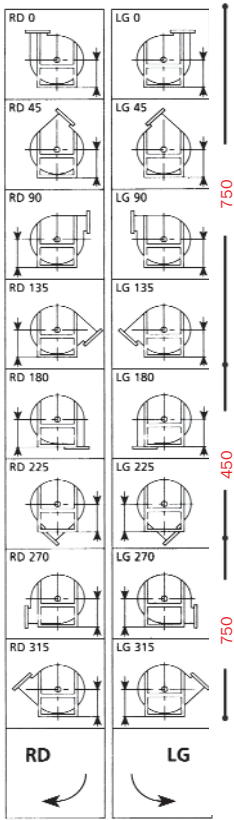
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



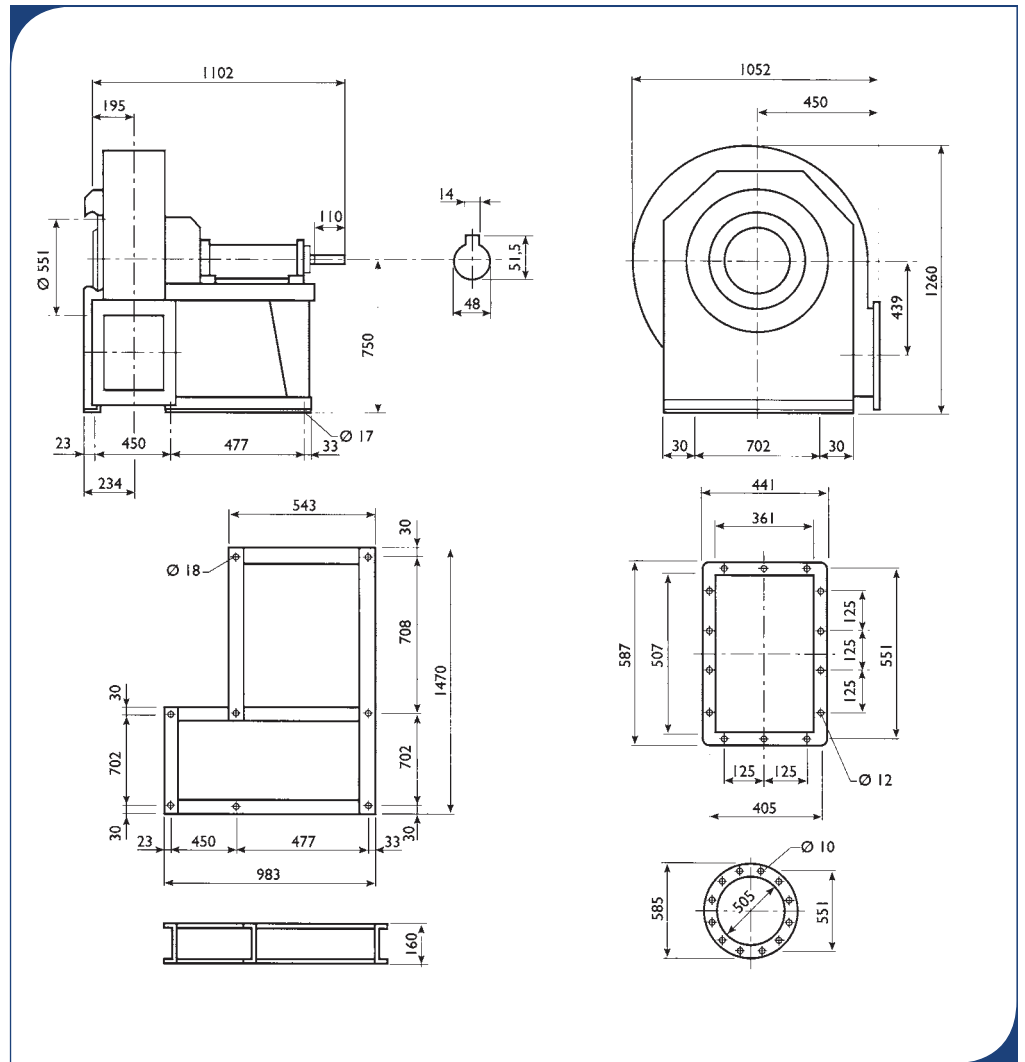
PRESTAZIONI VENTILATORI A TRASMISSIONE BELT BELT DRIVEN FANS PERFORMANCES



RU 630T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 210
Weight of ventilator in kgf 210

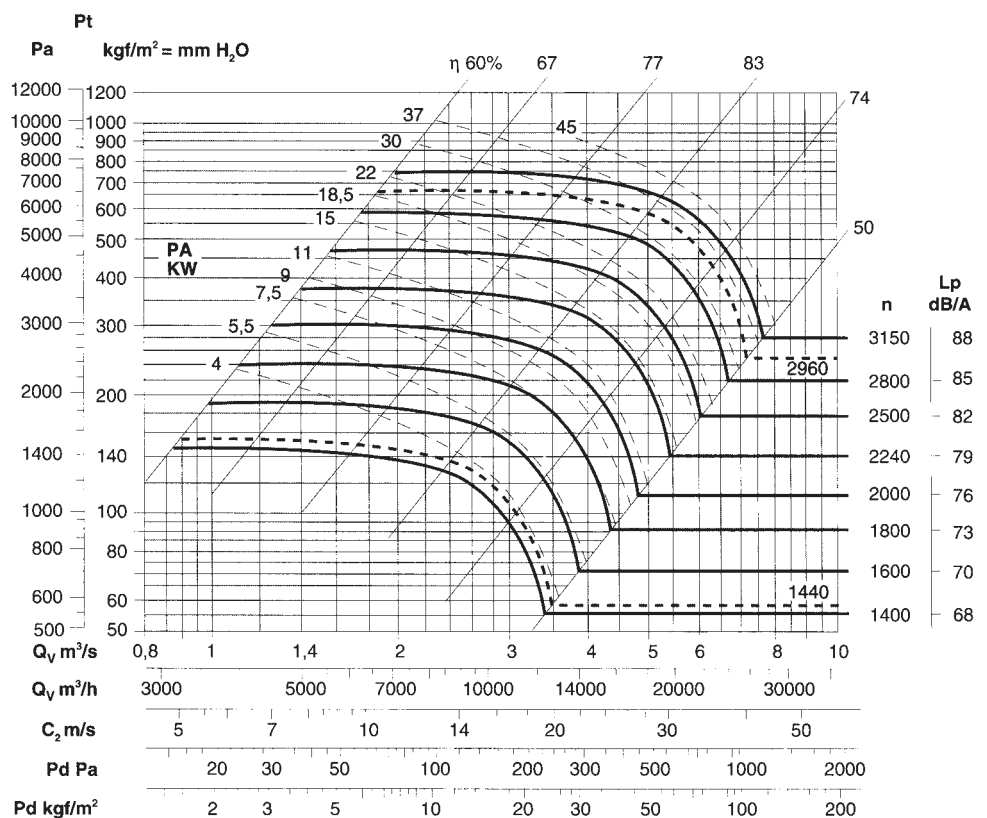
PD² = 5,7 kgf m²
GD² = 5,7 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 2950
100÷200°C = 2600
200÷300°C = 2300

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%

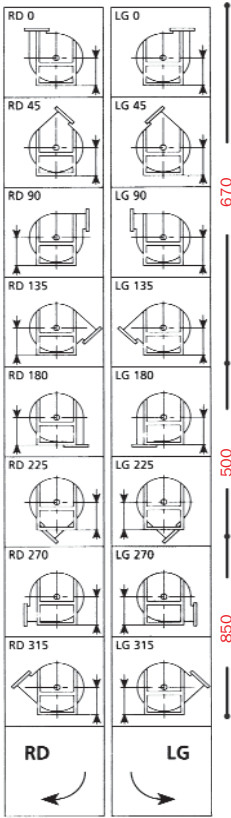




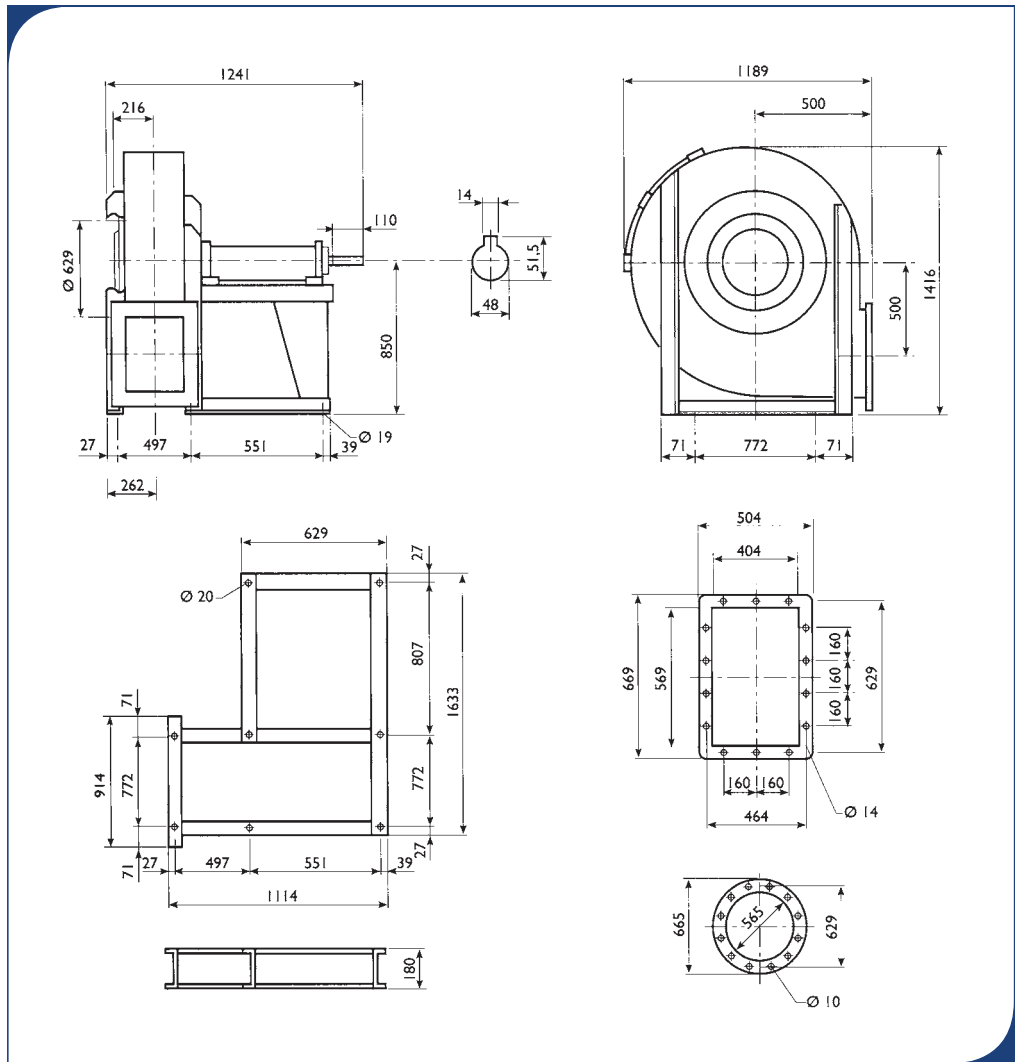
PRESTAZIONI VENTILATORI A TRASMISSIONE

BELT DRIVEN FANS PERFORMANCES

RU 710T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 290
Weight of ventilator in kgf 290

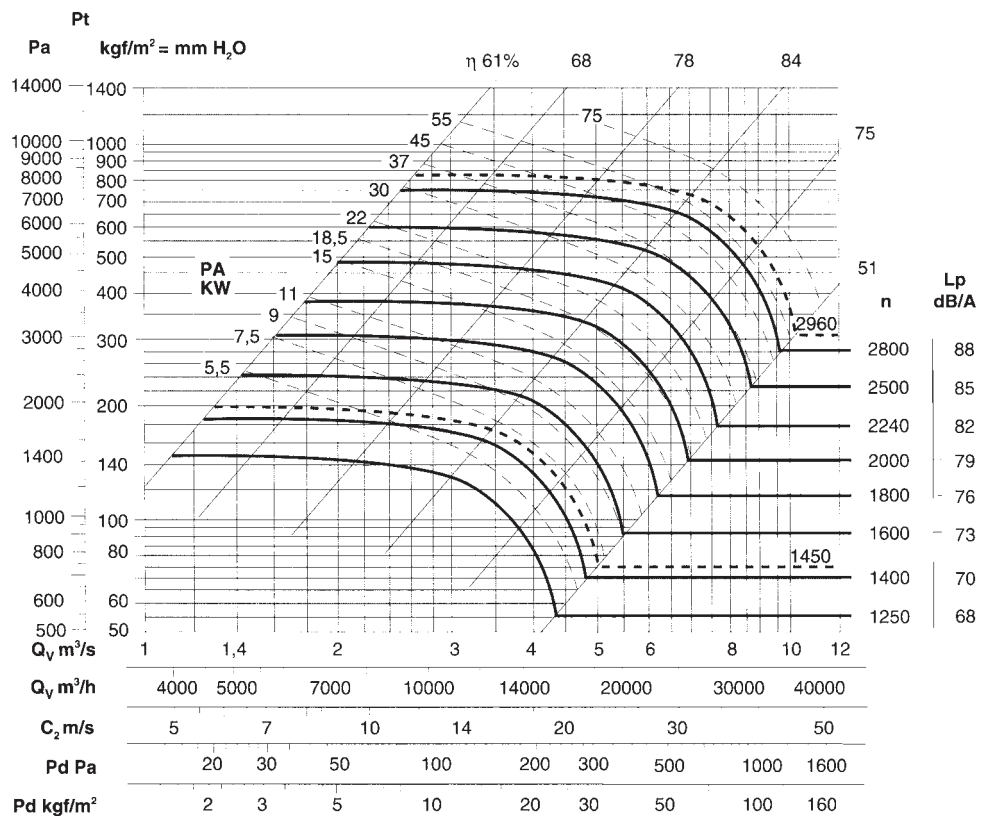
PD² = 11,5 kgf m²
GD² = 11,5 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 2600
100÷200°C = 2300
200÷300°C = 2000

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

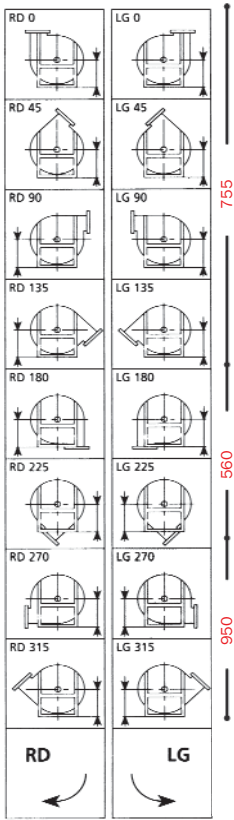
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



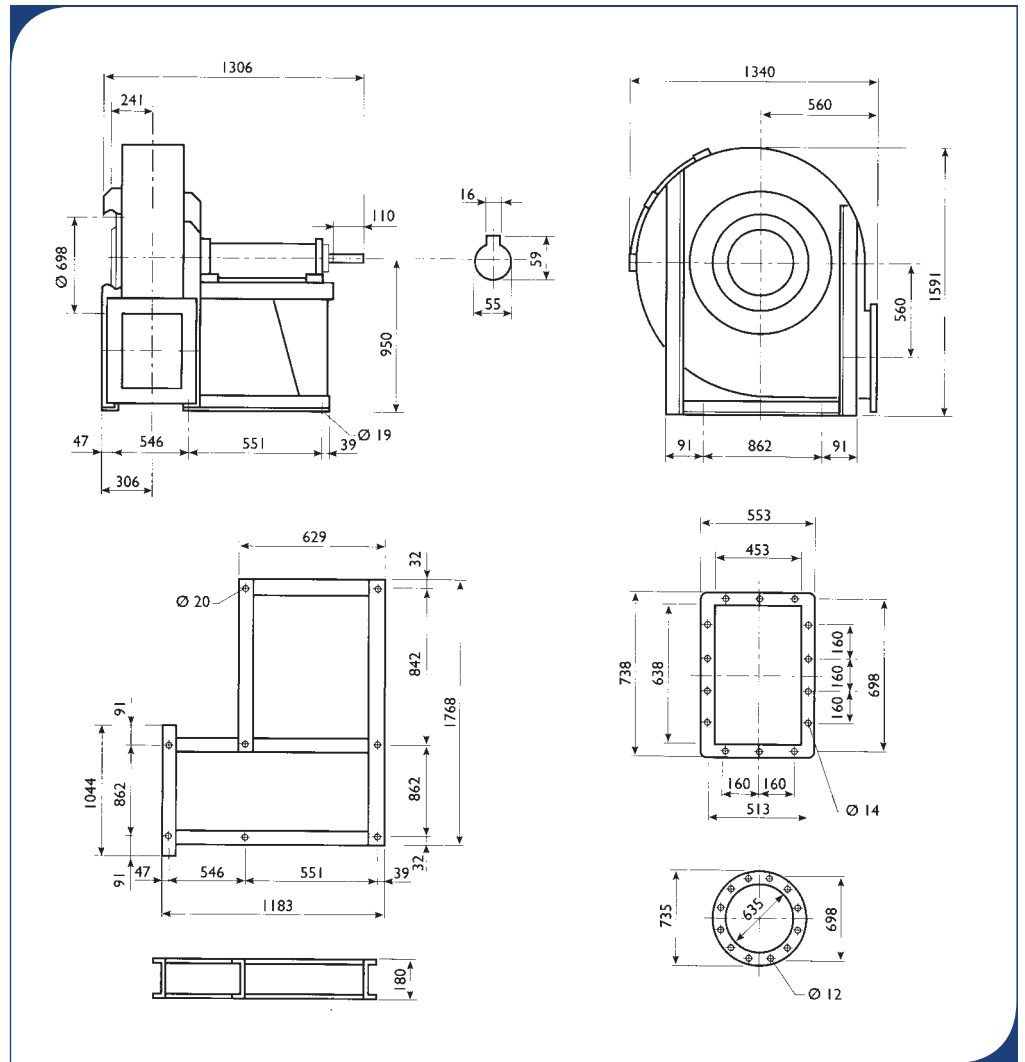
PRESTAZIONI VENTILATORI A TRASMISSIONE BELT BELT DRIVEN FANS PERFORMANCES



RU 800T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 340
Weight of ventilator in kgf 340

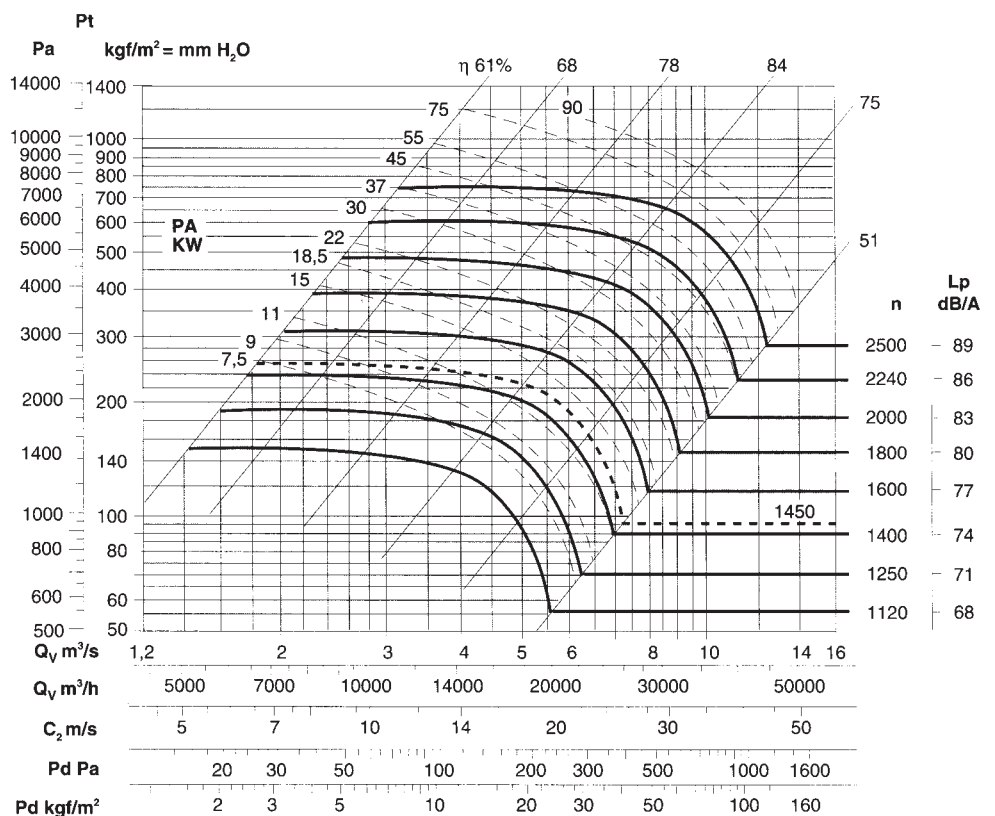
PD² = 20 kgf m²
GD² = 20 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 2300
100÷200°C = 2000
200÷300°C = 1800

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%

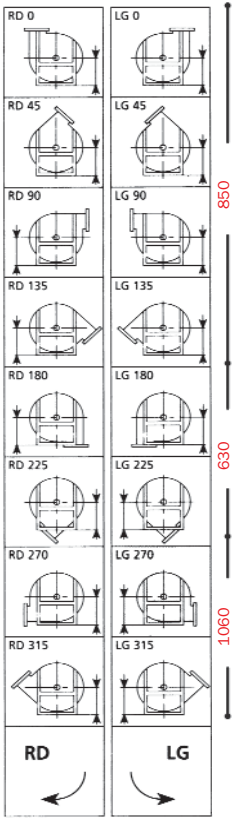




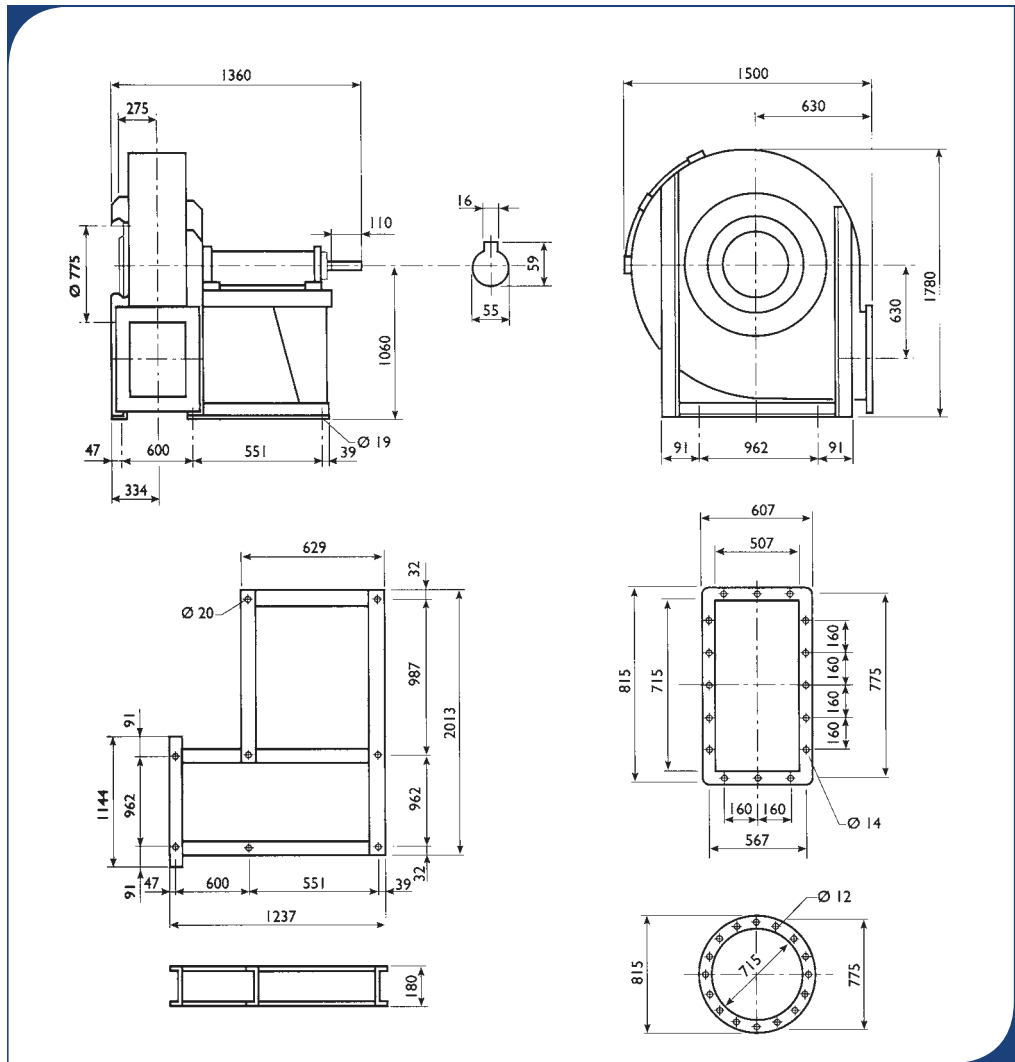
PRESTAZIONI VENTILATORI A TRASMISSIONE

BELT DRIVEN FANS PERFORMANCES

RU 900T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 410
Weight of ventilator in kgf 410

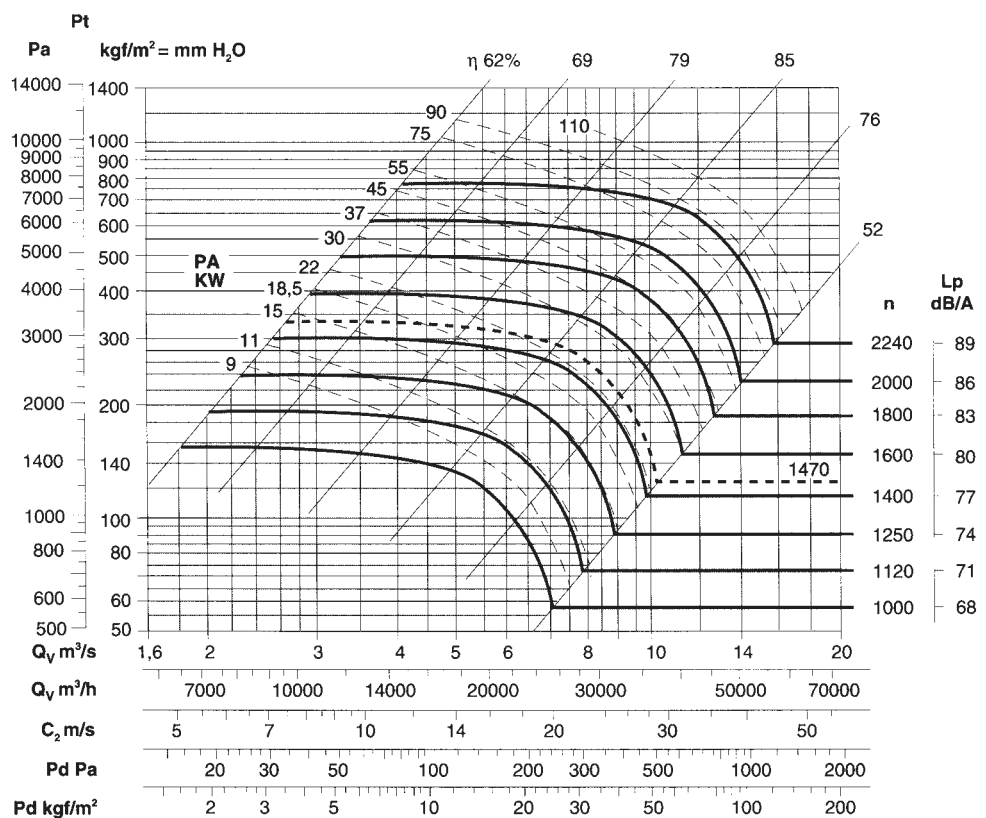
PD² = 36,5 kgf m²
GD² = 36,5 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 2000
100÷200°C = 1800
200÷300°C = 1600

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

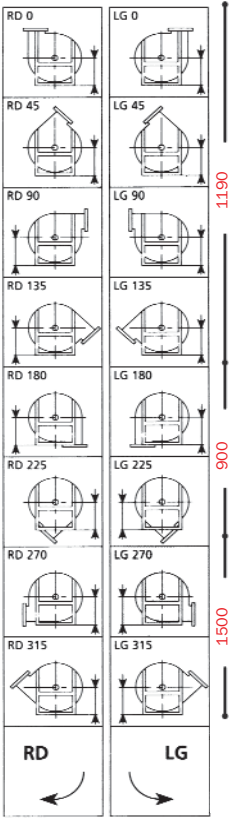
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



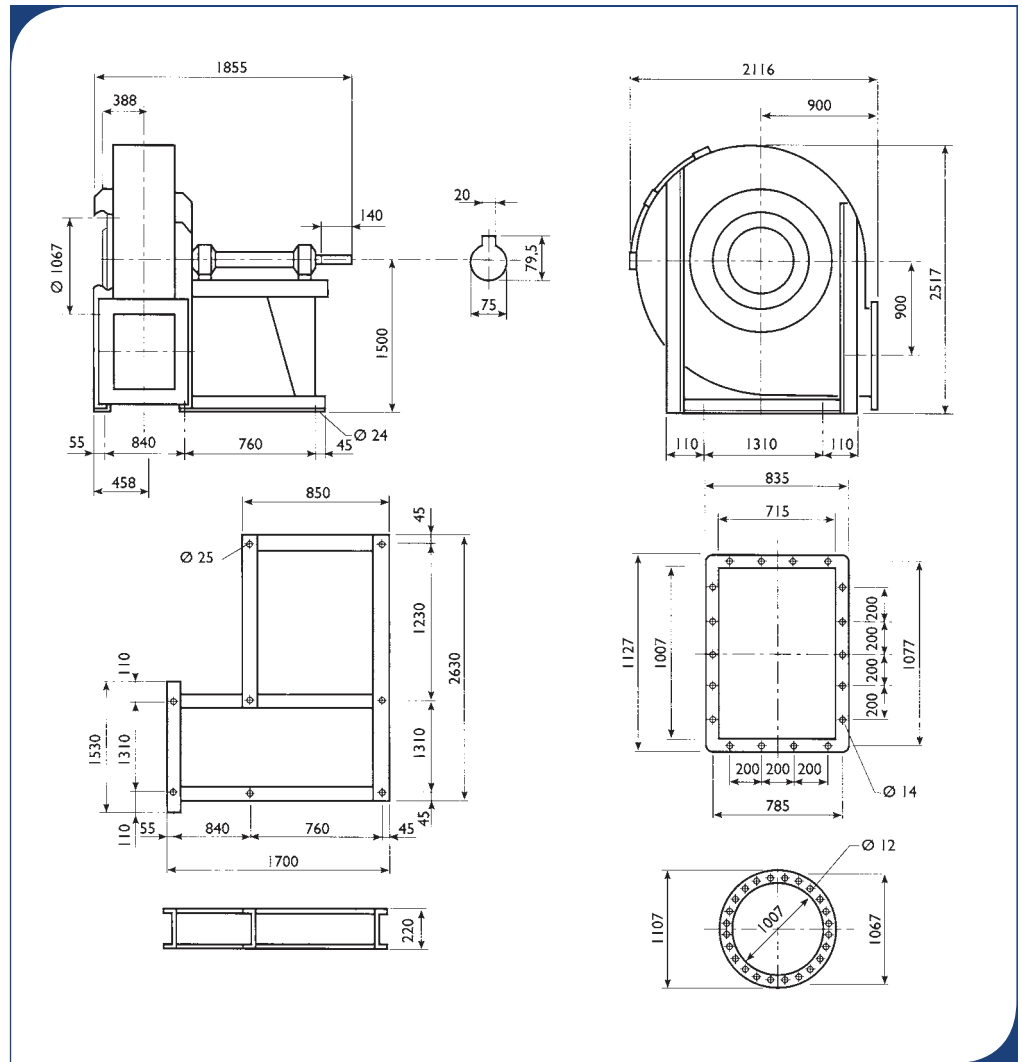
PRESTAZIONI VENTILATORI A TRASMISSIONE BELT BELT DRIVEN FANS PERFORMANCES



RU 1250T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 1095
Weight of ventilator in kgf 1095

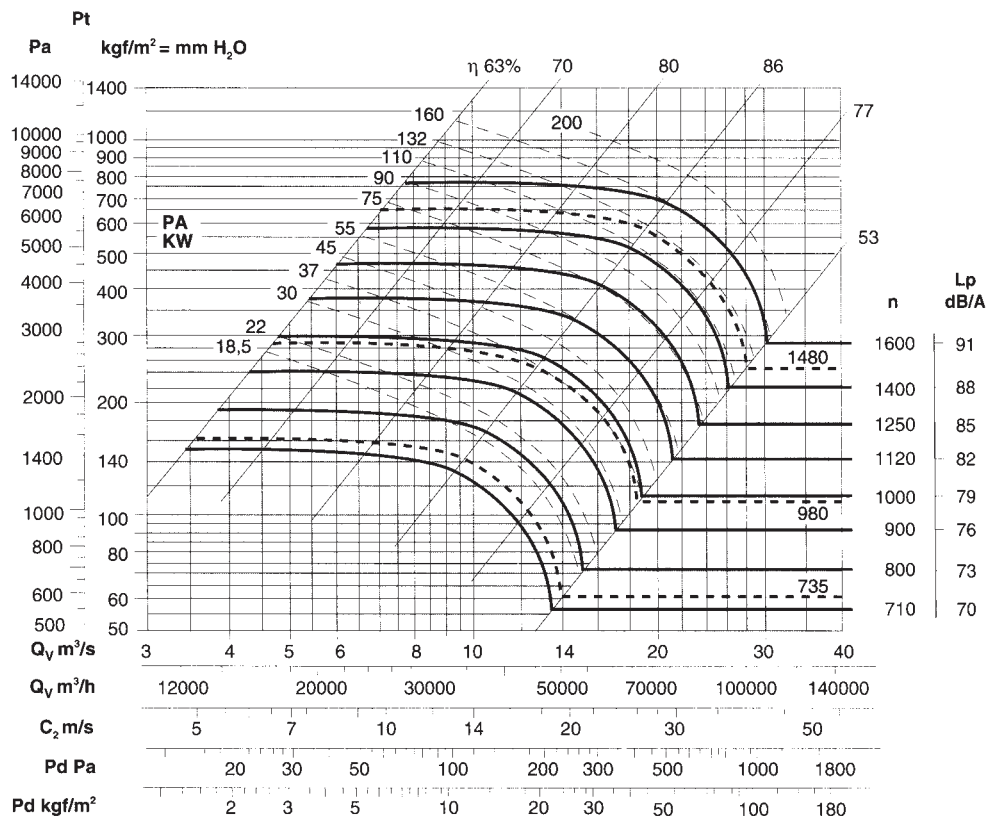
PD² = 161 kgf m²
GD² = 161 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 1400
100÷200°C = 1250
200÷300°C = 1120

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%

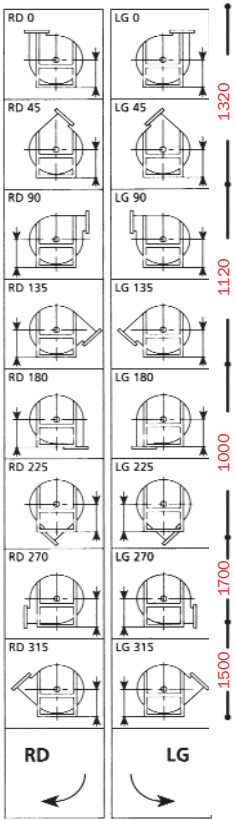




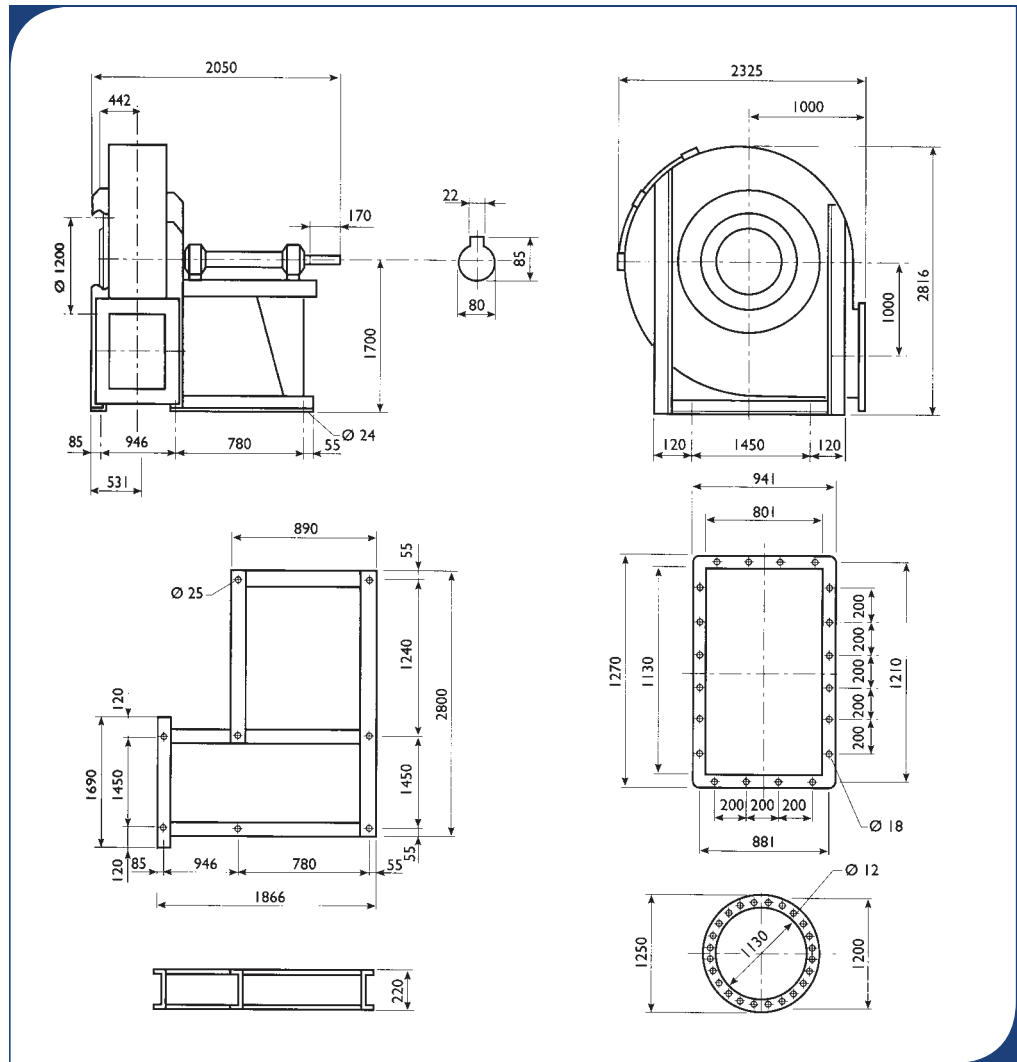
PRESTAZIONI VENTILATORI A TRASMISSIONE

BELT DRIVEN FANS PERFORMANCES

RU 1400T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 1510
Weight of ventilator in kgf 1510

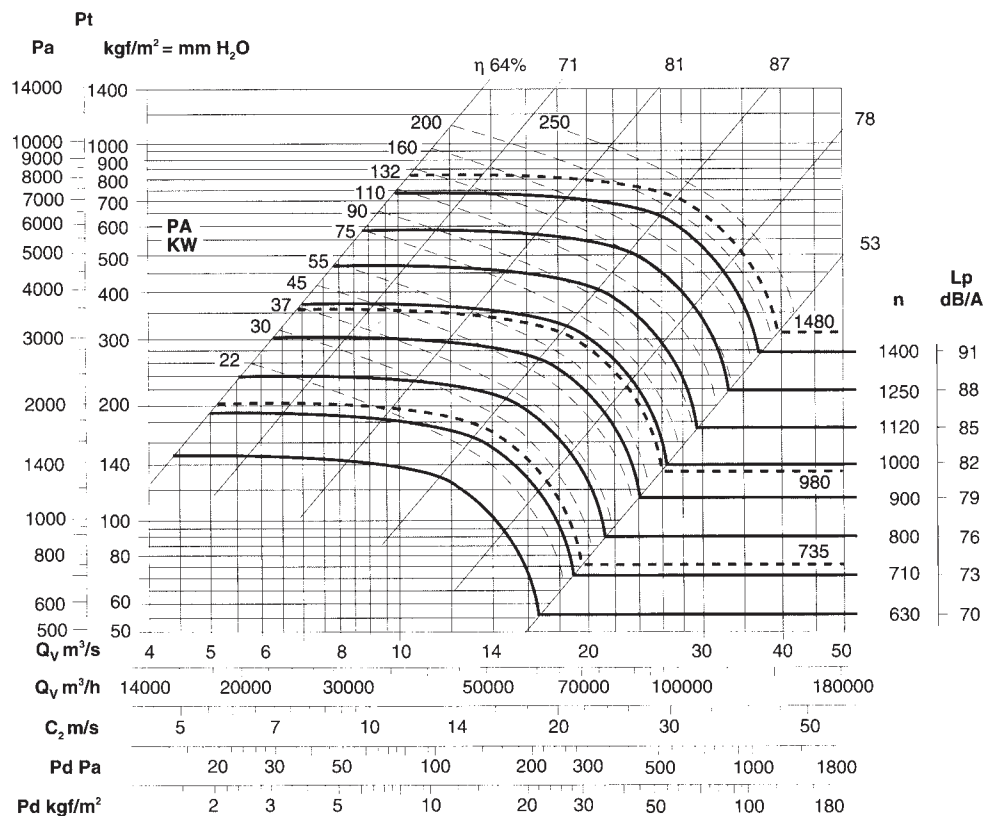
PD² = 266 kgf m²
GD² = 266 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 1250
100÷200°C = 1120
200÷300°C = 1000

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

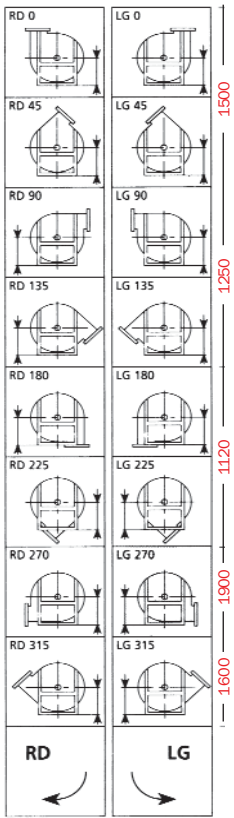
Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%



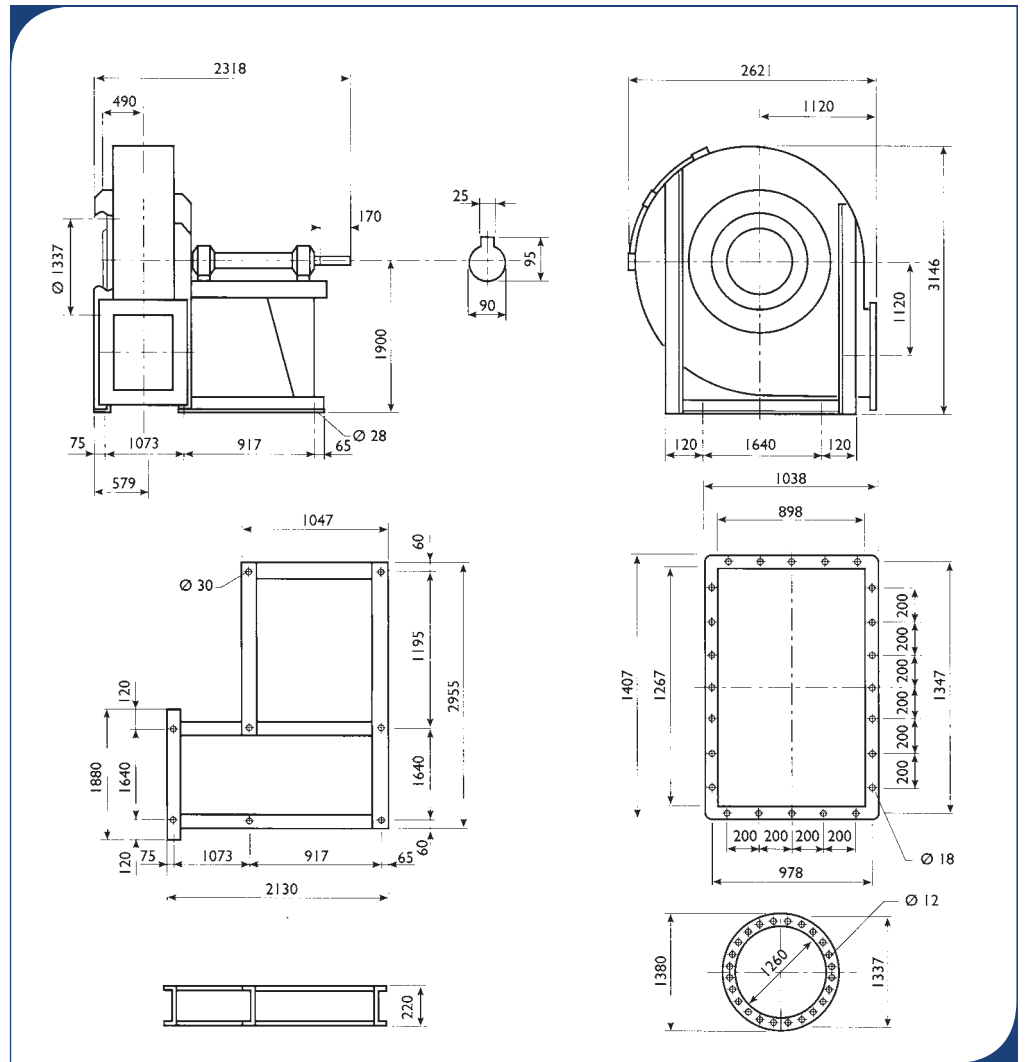
PRESTAZIONI VENTILATORI A TRASMISSIONE BELT BELT DRIVEN FANS PERFORMANCES



RU 1600T



Il ventilatore **non** è orientabile
The fan is **not** revolvable



Peso ventilatore in kgf 1980
Weight of ventilator in kgf 1980

PD² = 476 kgf m²

Massima velocità di rotazione
Maximum rotation speed

<100°C = 1120
100÷200°C = 1000
200÷300°C = 900

Tolleranza sulla rumorosità + 3 dB(A)
Noise tolerance + 3 dB(A)

Tolleranza sulla potenza assorbita ± 3%
Absorbed power tolerance ± 3%

