



IMPIEGO. Sono particolarmente adatti per essere impiegati su canalizzazioni per impianti industriali di essiccazione, condizionamento, aspirazione ed emissione d'aria (polverosa, umida o con fumi) ed altre applicazioni in genere dove necessita il trasporto di grandi volumi d'aria con basse e medie pressioni. Trovano il loro utilizzo nelle fonderie, cementerie, falegnamerie, essiccatoi, industrie chimiche, marmistiche ecc. Temperatura d'esercizio - 20 °C + 40 °C.

DESCRIZIONE COSTRUTTIVA. Accoppiamento diretto. La cassa convogliatrice viene costruita in robusta lamiera di acciaio Fe 360 B con doppia flangia a norme DIN 24154 e con portello d'ispezione. La girante pressofusa in lega di alluminio, con pale a profilo alare orientabili da fermo, è accuratamente equilibrata dinamicamente. La verniciatura dei particolari in lamiera viene effettuata mediante immersione in bagno elettrolitico e successiva cottura in forno (+ 180 °C). Per grandezze ≥ 1120 i ventilatori sono zincati a caldo di serie.

MOTORE. Il motore è trifase, 220/380V, 50 Hz, forma B3; (altre frequenze, tensioni, costruzioni a doppia velocità o antideflagrante verranno fornite su richiesta).

FLUSSO D'ARIA. Nella costruzione di serie è previsto il flusso d'aria dal motore alla girante (flusso "A"). Su richiesta è previsto anche il flusso opposto (flusso "B").

USE. These fans are particularly suitable for the removal of stale air, for ventilation, drying and for all those applications which entail moving large volumes of air at low and medium pressures.

WORKING TEMPERATURE. - 20 °C + 40 °C.

CONSTRUCTION. Axial-flow fan, direct drive. The housing is made of welded sheet steel, the impeller is made of die-cast aluminium and has adjustable blades. Casing with double flange. For the size ≥ 1120 the fans are standard hot galvanized.

MOTOR. The motor is three-phase, 220/380 V, 50 Hz, B3; (other frequencies, tensions on demand).

DIRECTION OF THE AIR. Normally supplied with the air flowing from the motor to the impeller (A), with special orders the fans can be supplied with the direction from the impeller to the motor (B).

UTILISATION. Pour séchage, conditionnement, aspiration, c'est-à-dire là où il faut transporter de grands volumes d'air poussiéreux, humide ou fumées. Ils trouvent donc un large débouché dans des fonderies, cimenteries, menuiseries et dans l'industrie chimique. En général ils sont utilisés pour le transport de grands volumes d'air avec basse et moyenne pression.

TEMPÉRATURE D'EXERCISE. - 20 °C + 40 °C.

CONSTRUCTION. Accouplement direct. L'enveloppe est en tôle d'acier, avec deux brides selon DIN 24154. Elle est munie d'une porte de visite. La roue est soigneusement équilibrée dynamiquement. Elle est à haut rendement et avec un niveau sonore réduit, en aluminium coulée sous pression, avec pales profilées, qui peuvent être orientées lorsque l'installation est arrêtée. Toutes les pièces en acier sont peintes par électrophorèse.

Pour les diamètres ≥ 1120 les ventilateurs sont galvanisés à chaud en standard.

MOTEUR. Le moteur est triphasé, 220/380 Volt, 50 Hz, forme B3; (autres fréquences, tensions, double vitesse sont livrés sur demande).

FLUX DE L'AIR. Normalement nous fournissons les ventilateurs avec le flux d'air qui va du moteur à la roue (flux "A"). Sur demande l'on peut fournir le sens inverse (flux "B").

ANWENDUNG. Diese Ventilatoren eignen sich insbesondere für Trocknung, Belüftung und Absaugung, d.h. überall dort, wo große Luftmengen bei niedrigen und mittleren Drücken befördert werden sollen.

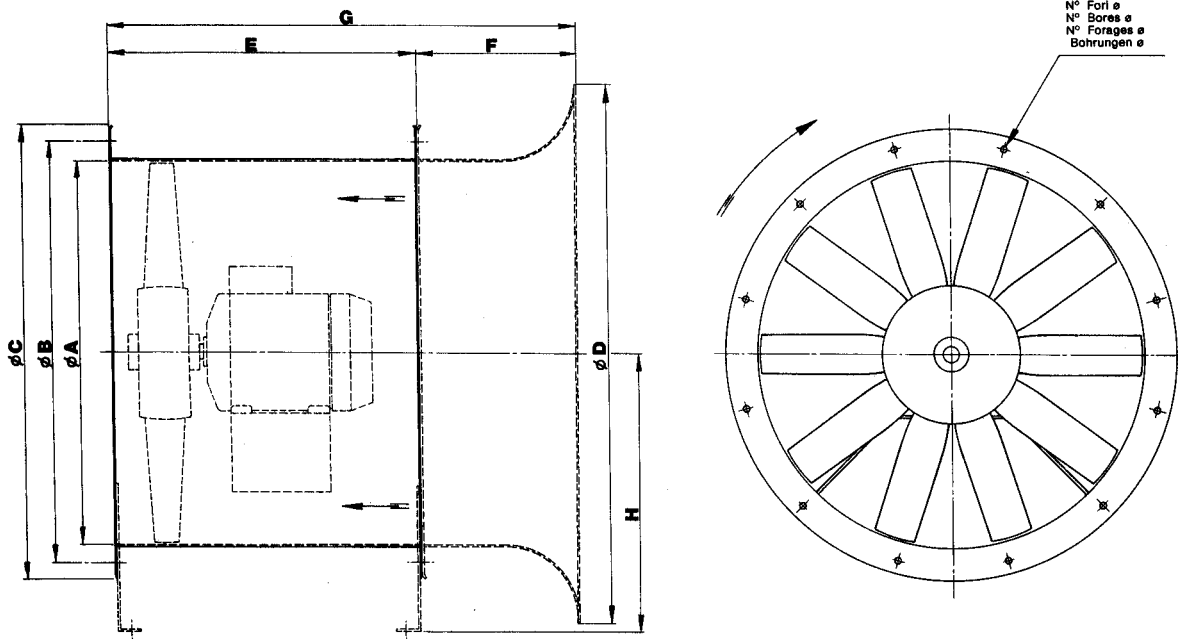
BETRIEBSTEMPERATUR. 253 K bis 313 K (-20°C - +40°C).

BAUFORM. Direktantrieb, Rohrmodell - Gehäuse aus Stahl mit druck- und saugseitigem Flansch nach DIN 24154 sowie Wartungsklappe. Laufrad aus geschütztem Aluminiumdruckguß mit im Stillstand verstellbaren Profilschaufeln. Alle Laufräder sind präzise dynamisch ausgewuchtet.

Ausführungen mit Durchmesser < 1120 sind einbrennlackiert - Ausführungen mit Durchmesser ab 1120 werden serienmäßig feuerverzinkt geliefert.

MOTOR. Drei Phasen, 220/380 Volt, 50 Hz, Bauart B3. Andere Spannungen und Frequenzen sowie Sonderausführungen auf Anfrage.

LUFTRICHTUNG. Ohne Angabe wird serienmäßig geliefert: Über Motor saugend = "A"; Ausführung über Motor drückend = "B" muß spezifiziert werden.



Boccaglio e piedini a richiesta
Inlet nozzle and supports on demand
Tuyère d'admission et supports sur demande
Einströmdüse und Füße auf Wunsch

Tipo - Type - Typ												Peso	PD ²	Tipo - Type - Typ												Peso	PD ²		
Ventilatore	Motore	A	B	C	D	E	F	G	H	N°	Ø	kgf	kgf·m ²	Ventilatore	Motore	A	B	C	D	E	F	G	H	N°	Ø	kgf	kgf·m ²		
Fan	Motor													Fan	Motor														
Ventilateur	Moteur													Ventilator	Motor														
EF 316/I 4A	63 B2											13		EF 806/G 4A	90 L6	800	861	905	1077	560	250	810	560	16	12	70			
EF 314/I 4A	71 A2											14		EF 805/G 4A	100 LA6											77	2,80		
EF 312/I 4A	71 B2	315	366	400	464	355	160	515	236	8	10	15	0,05	EF 803/G 4A	112 M6											80			
EF 316/I 4A	63 A4											12		EF 907/F 4A	112 M4												96		
EF 314/I 4A	63 A4											12		EF 906/F 4A	132 SA4												109	3,75	
EF 312/I 4A	63 A4											12		EF 905/F 4A	132 MA4												120		
EF 355/H 4A	71 B2											16		EF 906/I 4A	132 MA4												134		
EF 354/H 4A	80 A2											18		EF 905/I 4A	160 M4												147	5	
EF 352/H 4A	80 B2	355	405	440	513	355	170	525	265	8	10	20	0,07	EF 903/I 4A	160 L4	900	958	1005	1190	710	280	990	600	16	12	158			
EF 355/H 4A	63 A4											13		EF 907/F 4A	90 L6												82		
EF 354/H 4A	63 A4											13		EF 906/F 4A	100 LA6												89	3,75	
EF 352/H 4A	63 B4											13		EF 905/F 4A	112 M6												92		
EF 406/G 4A	80 A2											21		EF 906/I 4A	112 M6												101		
EF 405/G 4A	80 B2											23		EF 905/I 4A	132 SA6												114	5	
EF 403/G 4A	90 S2											26	0,09	EF 903/I 4A	132 MA6												114		
EF 406/G 4A	63 A4	400	448	485	567	400	180	580	300	12	10	17		EF 1008/E 4A	132 SA4												115		
EF 405/G 4A	63 A4											17		EF 1007/E 4A	132 MA4												126	4,75	
EF 403/G 4A	63 B4											17		EF 1006/E 4A	132 MB4												132		
EF 456/H 4A	90 S2											29		EF 1006/H 4A	160 M4												187		
EF 455/H 4A	90 L2											32		EF 1005/H 4A	160 L4												205	7	
EF 453/H 4A	100 LA2											37		EF 1003/H 4A	180 M4	1000	1067	1107	1330	800	280	1080	670	24	12	279			
EF 456/H 4A	71 A4	450	497	535	639	450	190	640	335	12	10	21	0,22	EF 1008/E 4A	100 LA6												95		
EF 455/H 4A	71 B4											22		EF 1007/E 4A	112 M6												98	4,75	
EF 453/H 4A	80 A4											24		EF 1006/E 4A	132 SA6												111		
EF 507/G 4A	90 L2											38		EF 1006/H 4A	132 SA6												121		
EF 505/G 4A	100 LA2											43		EF 1005/H 4A	132 MA6												126		
EF 504/G 4A	112 M2											50		EF 1003/H 4A	132 MB6												134	7	
EF 507/G 4A	71 A4	500	551	585	700	500	200	700	355	12	10	27	0,32	EF 1006/H 4A	132 SA8												121		
EF 505/G 4A	71 B4											28		EF 1005/H 4A	132 SA8												121		
EF 504/G 4A	80 A4											30		EF 1003/H 4A	132 MA8												129		
EF 567/H 4A	112 M2											57		EF 1126/G 4A	180 M4													325	
EF 566/H 4A	132 SA2											69		EF 1125/G 4A	180 L4													340	
EF 564/H 4A	132 SB2											79		EF 1124/G 4A	200 L4													400	
EF 567/H 4A	80 A4	560	629	665	785	500	212	712	400	12	10	35	0,71	EF 1126/G 4A	132 MB6												210		
EF 566/H 4A	80 B4											36		EF 1125/G 4A	160 M6	1120	1200	1248	1490	900	315	1215	750	24	12	233	10		
EF 564/H 4A	90 S4											39		EF 1124/G 4A	160 L6												317		
EF 638/I 4A	132 SB2											93		EF 1126/G 4A	132 SA8												198		
EF 637/I 4A	132 MB2											109	1,8	EF 1125/G 4A	132 MA8												206		
EF 636/I 4A	132 MC2											112		EF 1124/G 4A	160 MR8												218		
EF 636/G 4A	90 S4	630	698	735	871	560	212	772	450	12	10	43		EF 1257/F 4A	160 M6													253	
EF 635/G 4A	90 L4											46		EF 1256/F 4A	160 L6													279	
EF 633/G 4A	100 LA4											53	0,96	EF 1255/F 4A	180 L6	1250	1337	1380	1670	1000	355	1355	850	24	12	350	13		
EF 716/H 4A	100 LA4											61		EF 1257/F 4A	132 SB8													226	
EF 715/H 4A	100 LB4											63		EF 1256/F 4A	160 MR8													238	
EF 713/H 4A	112 M4											68		EF 1255/F 4A	160 MB8													247	
EF 716/H 4A	90 S6	710	775	815	968	500	224	724	500	16	12	48	2,12	EF 1408/E 4A	160 L6												349		
EF 715/H 4A	90 L6											51		EF 1407/E 4A	160 L6													420	
EF 713/H 4A	100 LA6											54		EF 1406/E 4A	180 L6													470	
EF 806/G 4A	100 LB4											79		EF 1408/E 4A	160 MR8	1400	1491	1540	1870	1000	400	1400	950	32	12	308	17		
EF 805/G 4A	112 M4	800	861	905	1077	560	250	810	560	16	12	84	2,80	EF 1407/E 4A	160 M8													317	
EF 803/G 4A	132 SA4											97		EF 1406/E 4A	160 L8													338	

Peso con motore
Weight with motor

Poids avec moteur
Gewicht mit Motor

Tabella non impegnativa
The above data are unbinding

Tableau sans engagement
Unverbindliche Tabelle

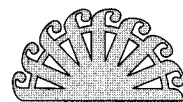
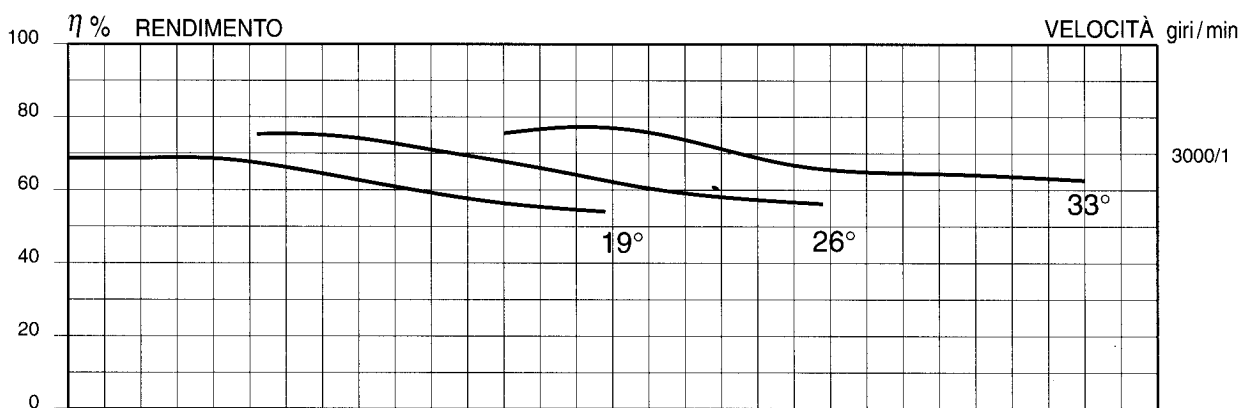
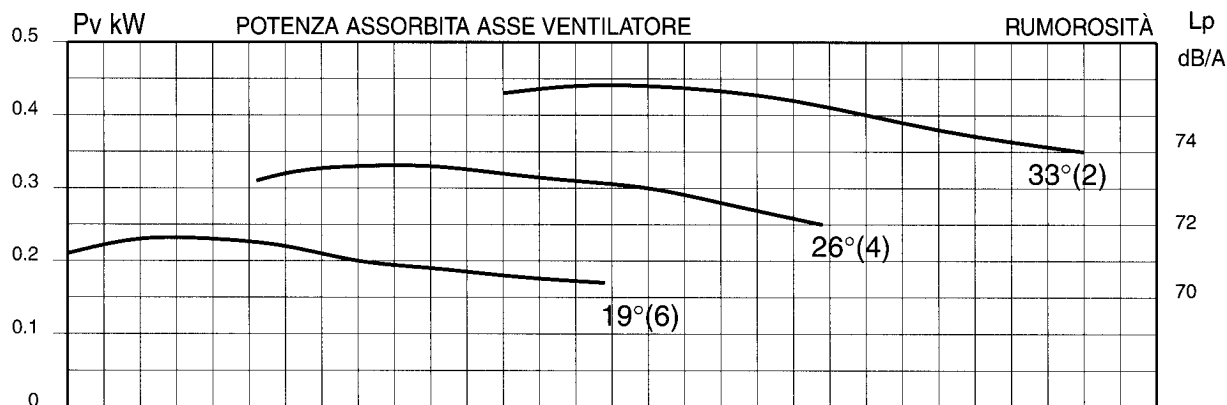


Diagramma di funzionamento in PREMENTE - Diametro girante 315 mm



ELVE EF 355-354-352/H 4A/A ELVE ES 355-354-352/H 4A/A

Potenza installata 0.55-0.75-1.1 kW

Potenza installata 0.55-0.75-1.1 kW

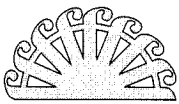
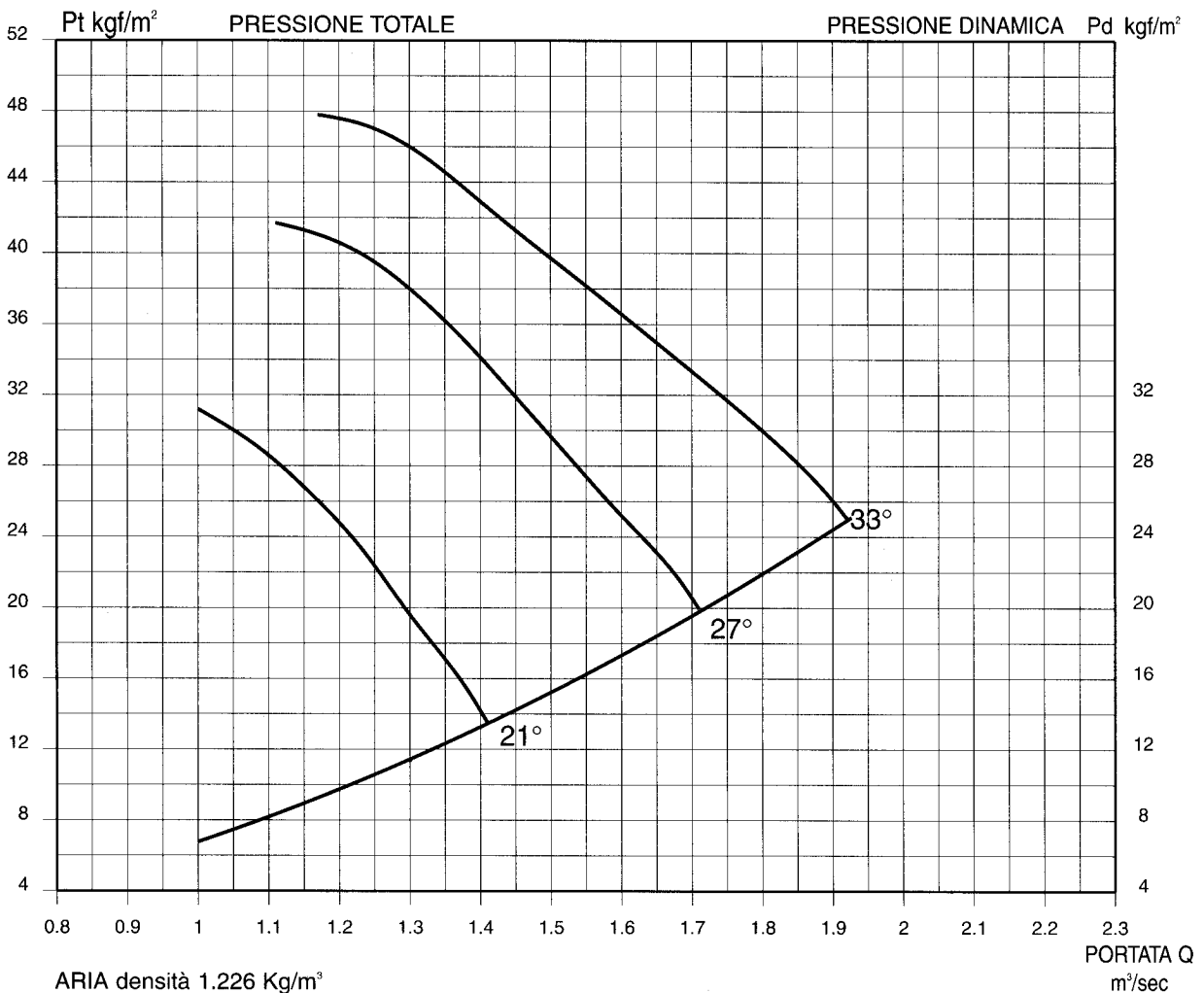
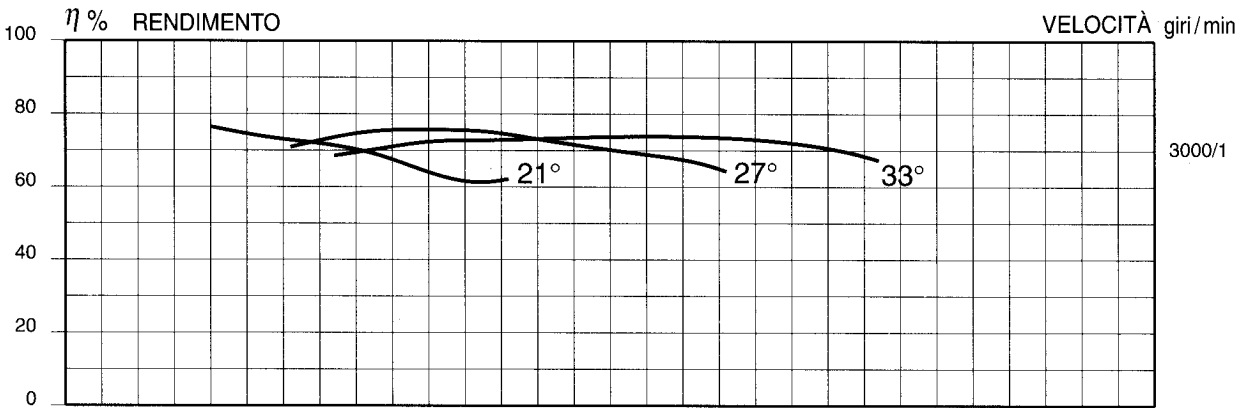
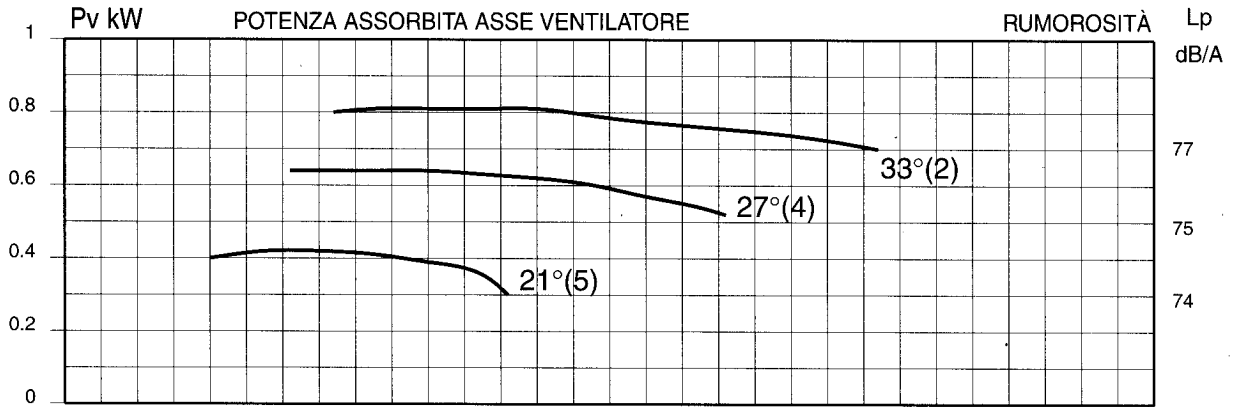
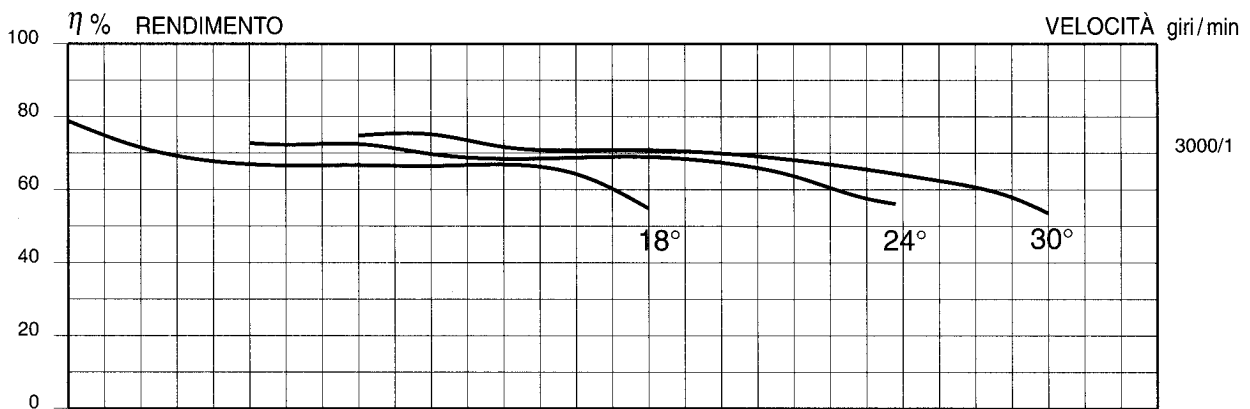
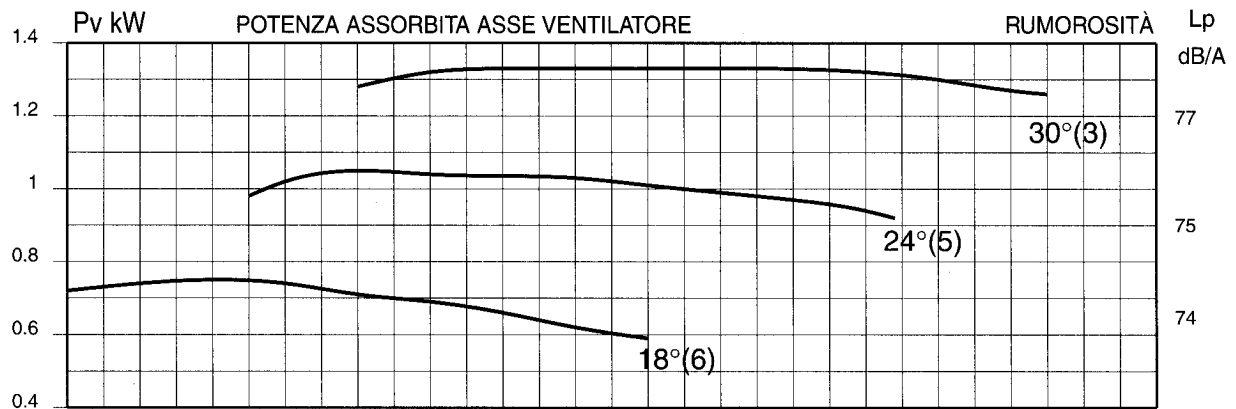


Diagramma di funzionamento in PREMENTE - Diametro girante 355 mm





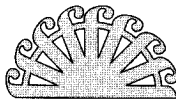
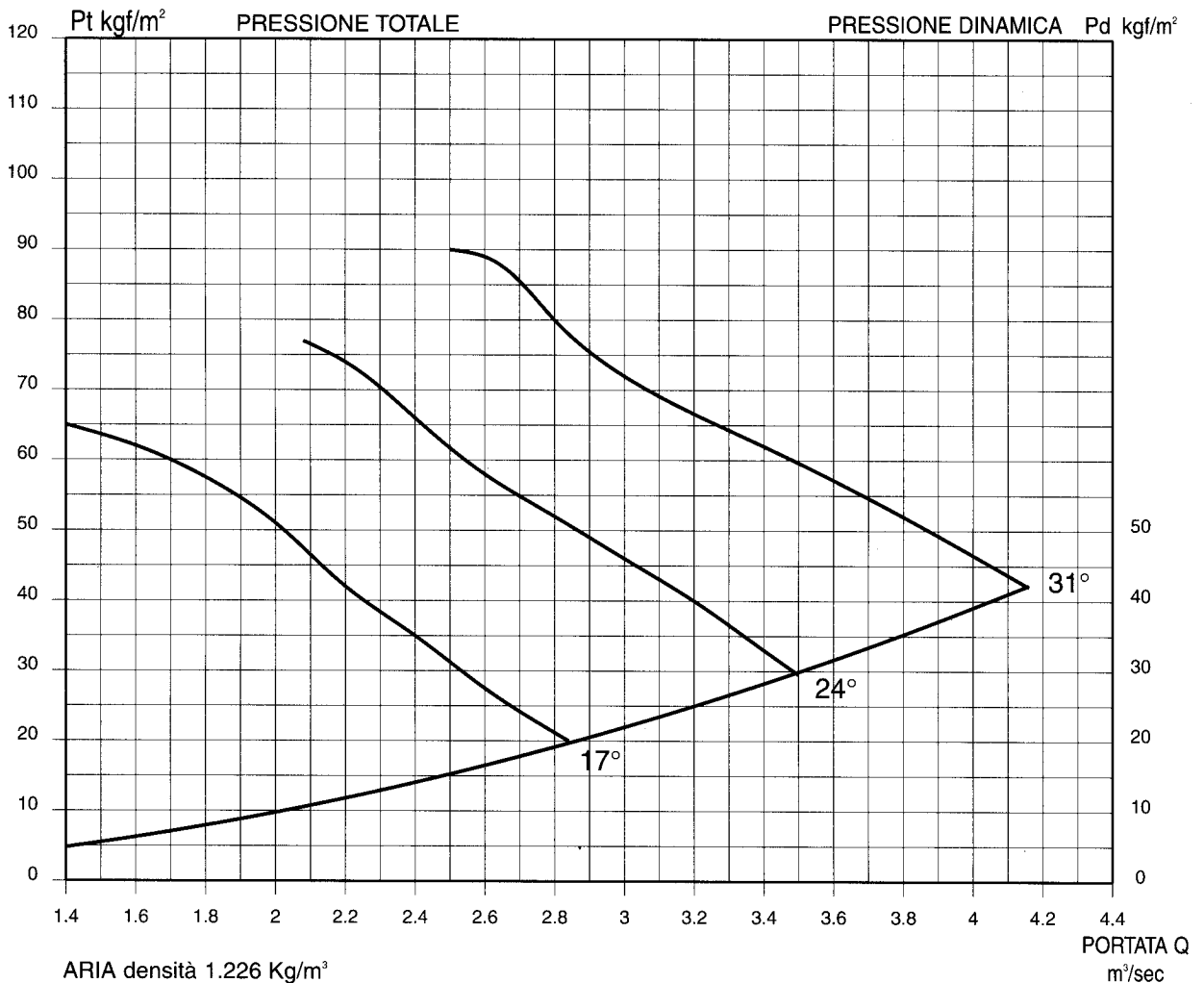
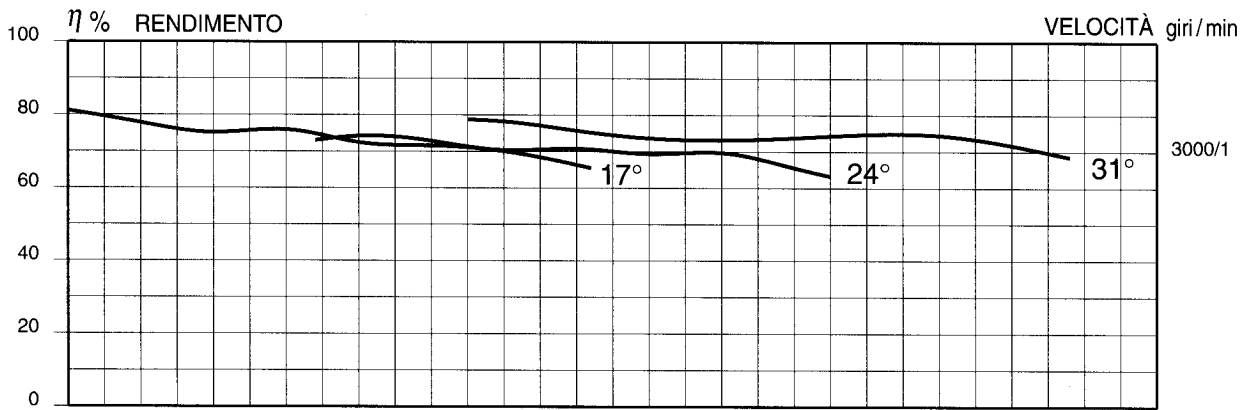
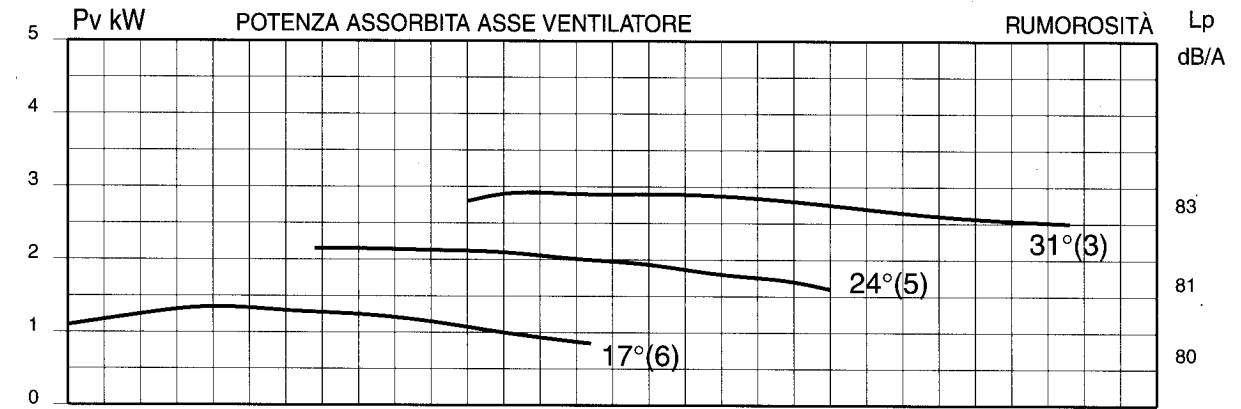


Diagramma di funzionamento in PREMENTE - Diametro girante 450 mm

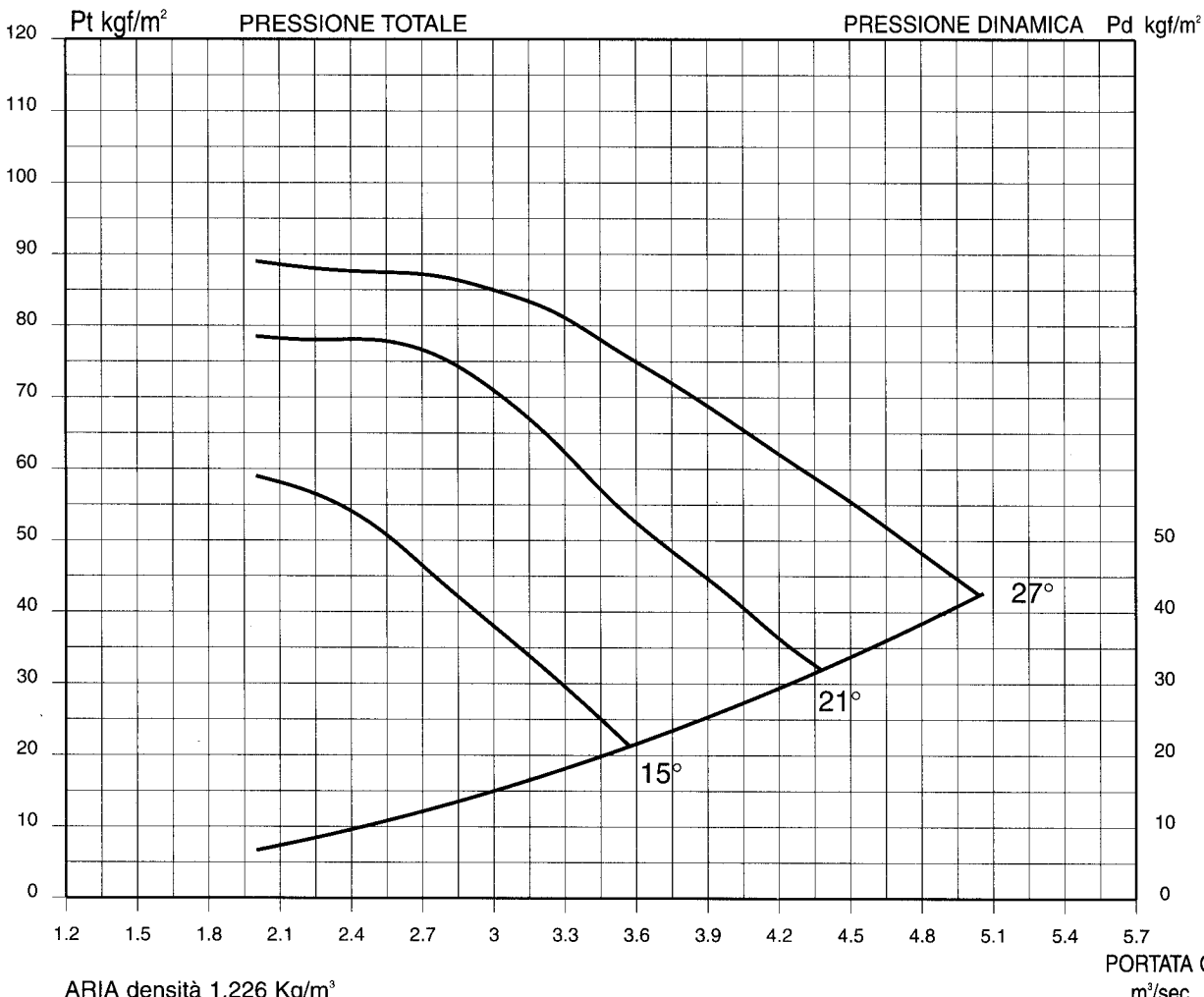
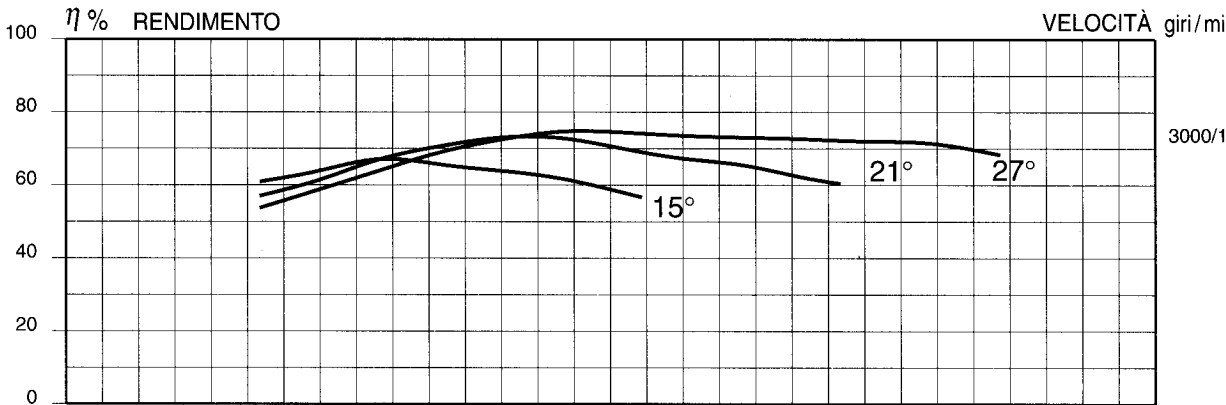
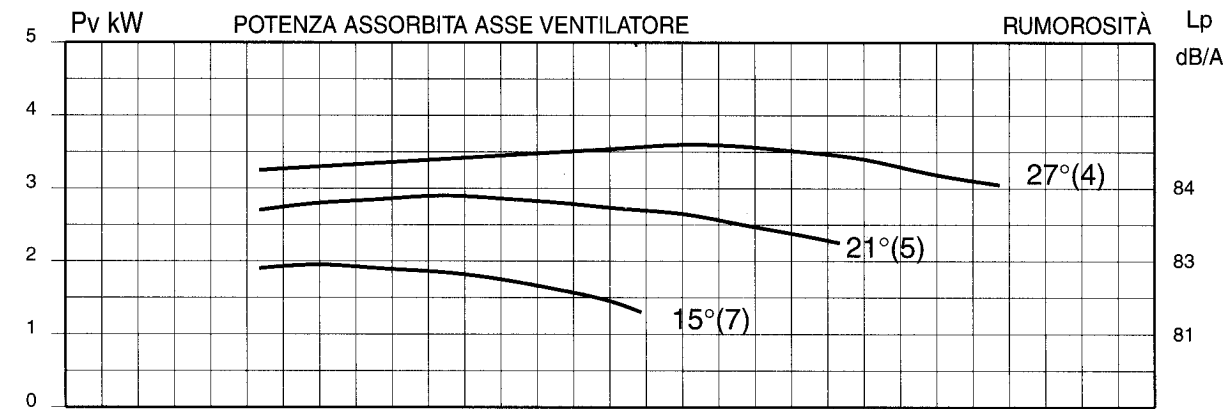


ARIA densità 1.226 Kg/m³

ELVE EF 507-505-504/G 4A/A

Potenza installata 2.2-3.4 kW

Diagramma di funzionamento in PREMENTE - Diametro girante 500 mm



ELVE EF 567-566-564/H 4A/A

Potenza installata 4-5.5-7.5 kW

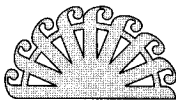
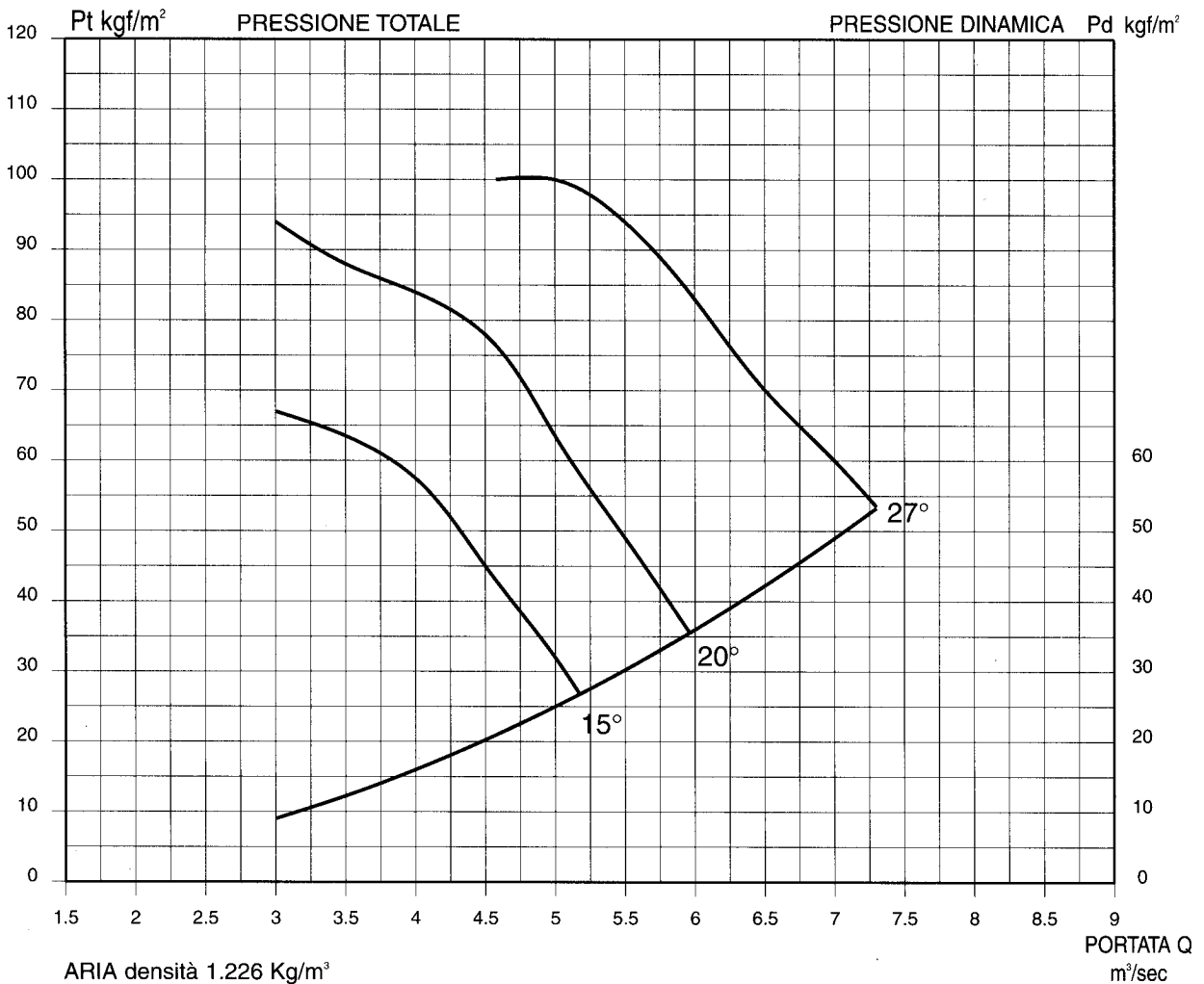
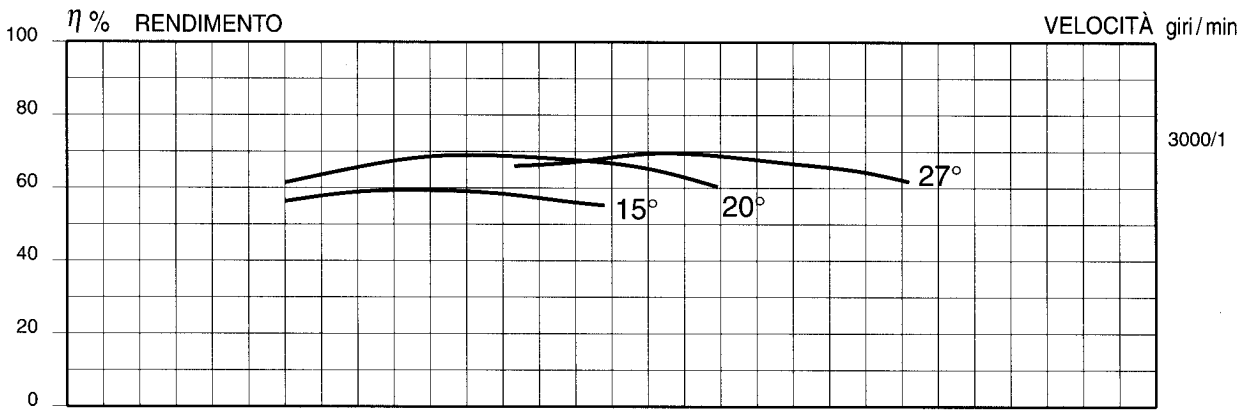
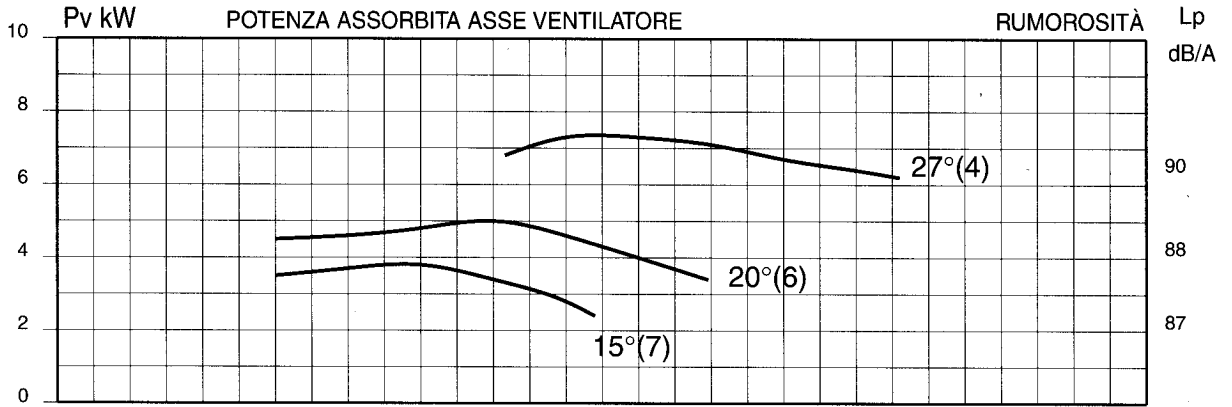


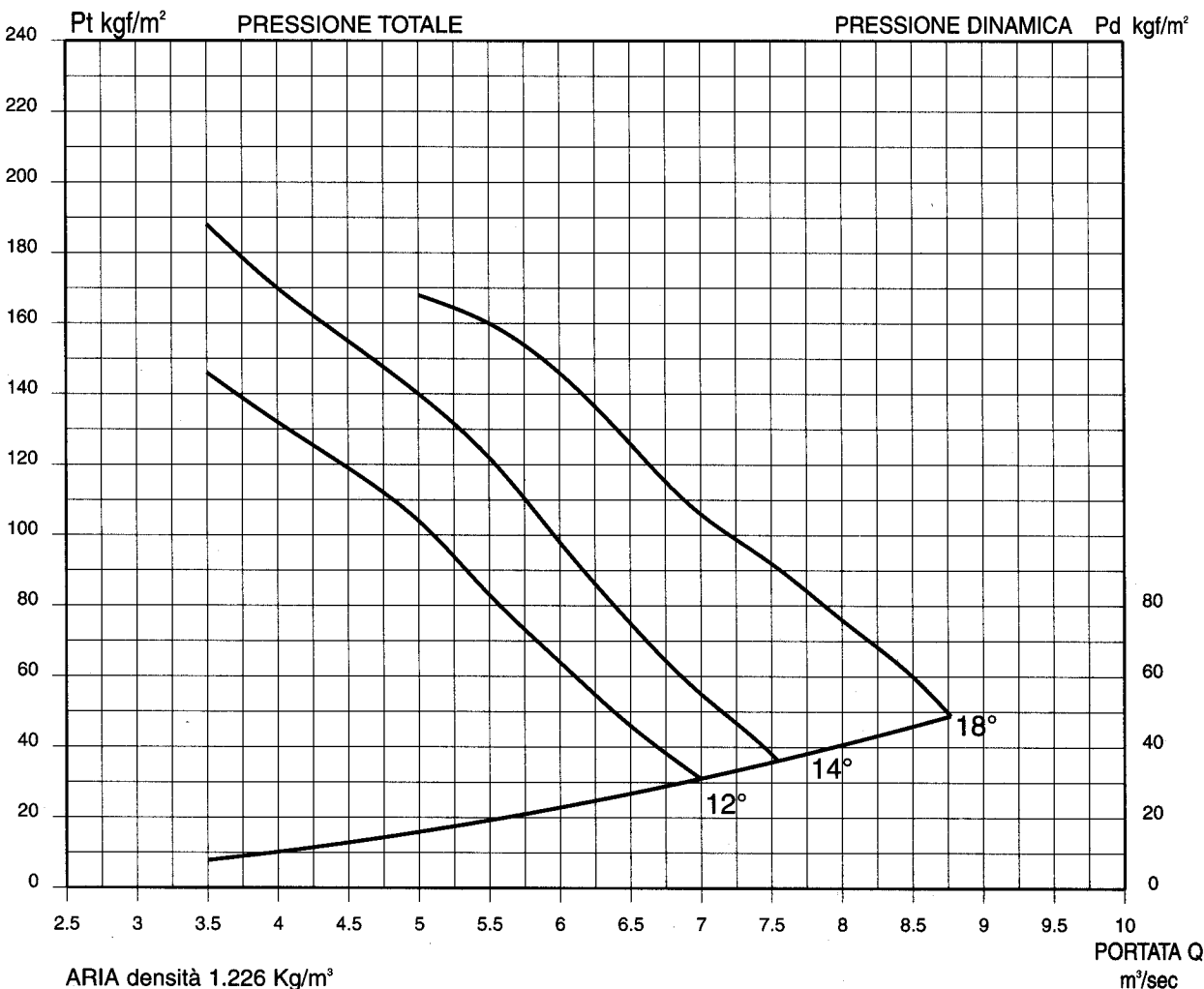
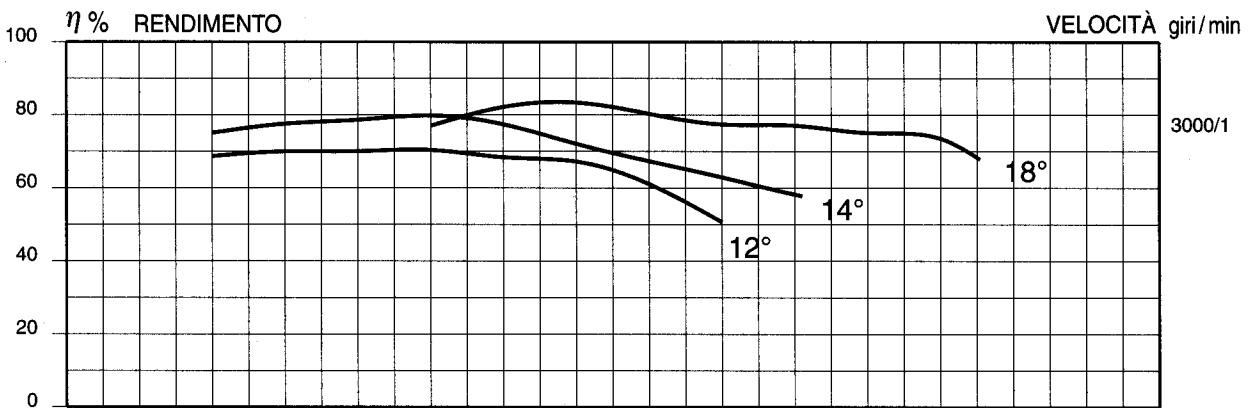
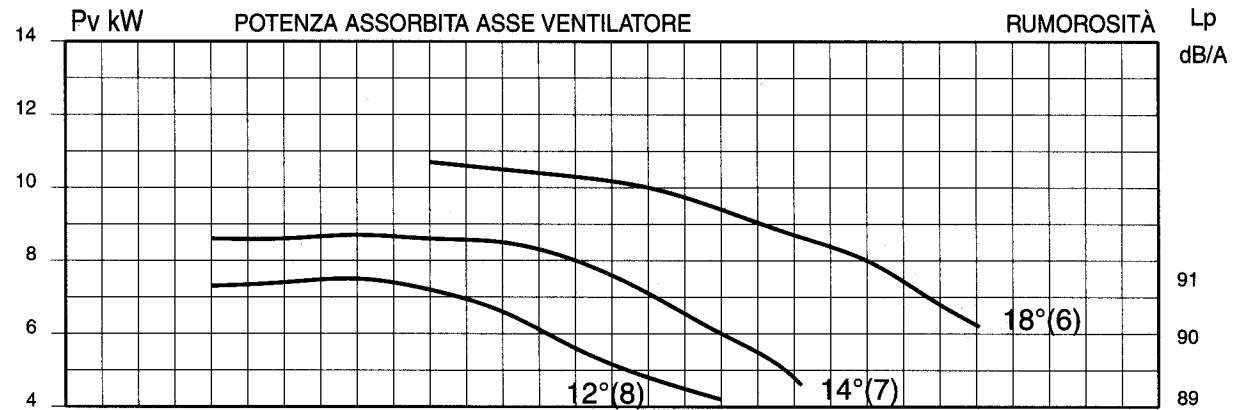
Diagramma di funzionamento in PREMENTE - Diametro girante 560 mm



ELVE EF 638-637-636/I 4A/A

Potenza installata 7.5-9-11 kW Grandezza motore / motor size max 132

Diagramma di funzionamento in PREMENTE - Diametro girante 630 mm



ARIA densità 1.226 Kg/m³

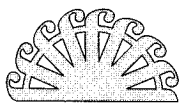
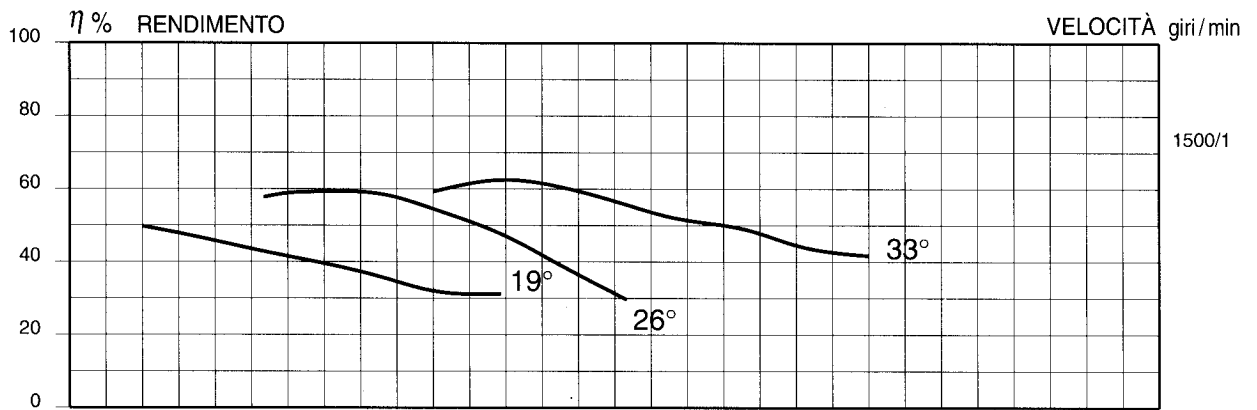
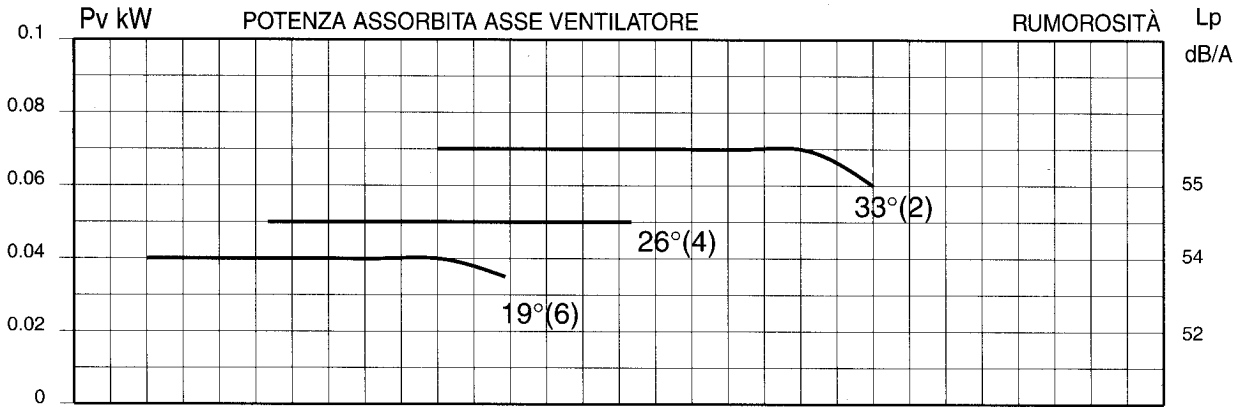


Diagramma di funzionamento in PREMENTE - Diametro girante 315 mm



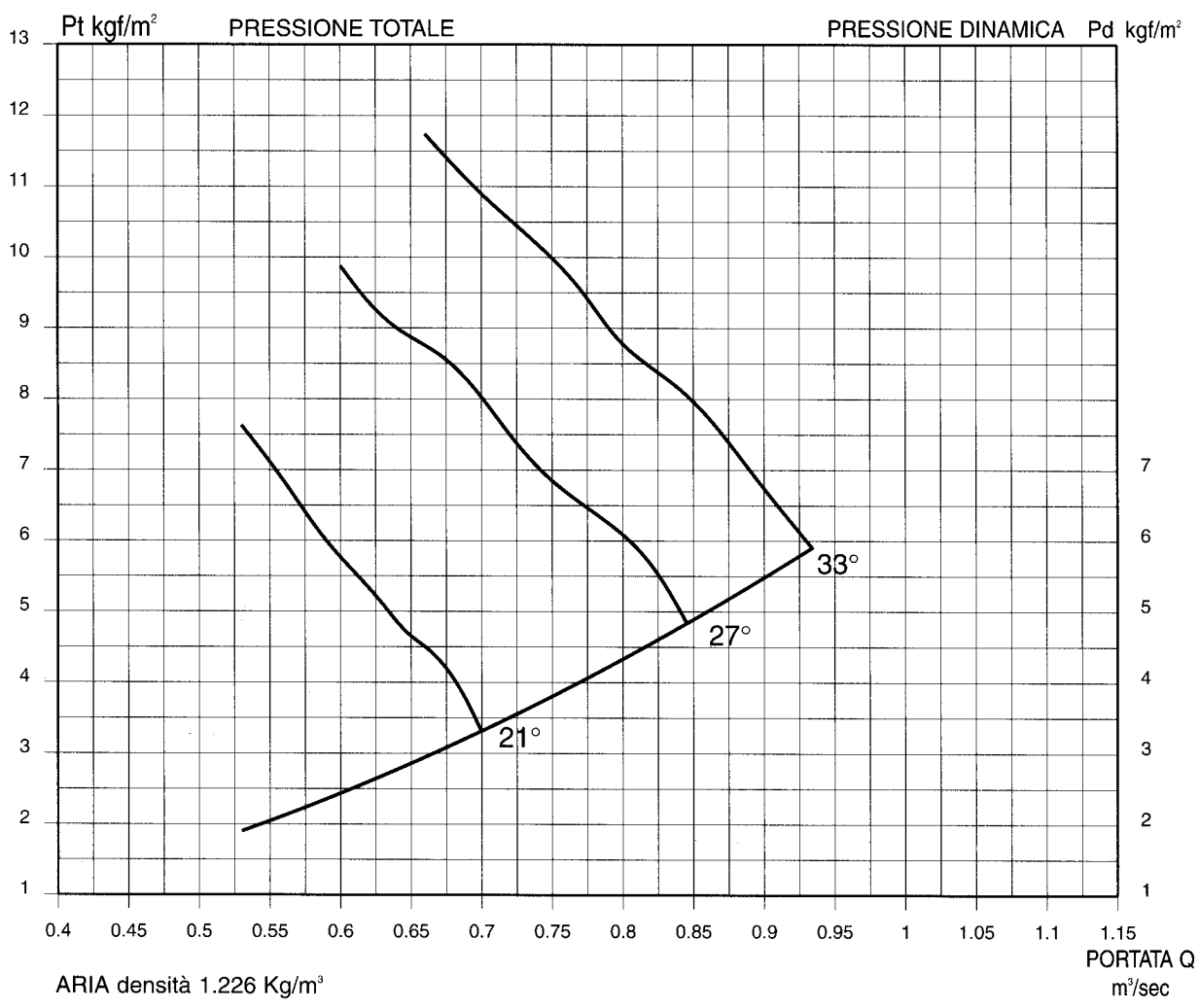
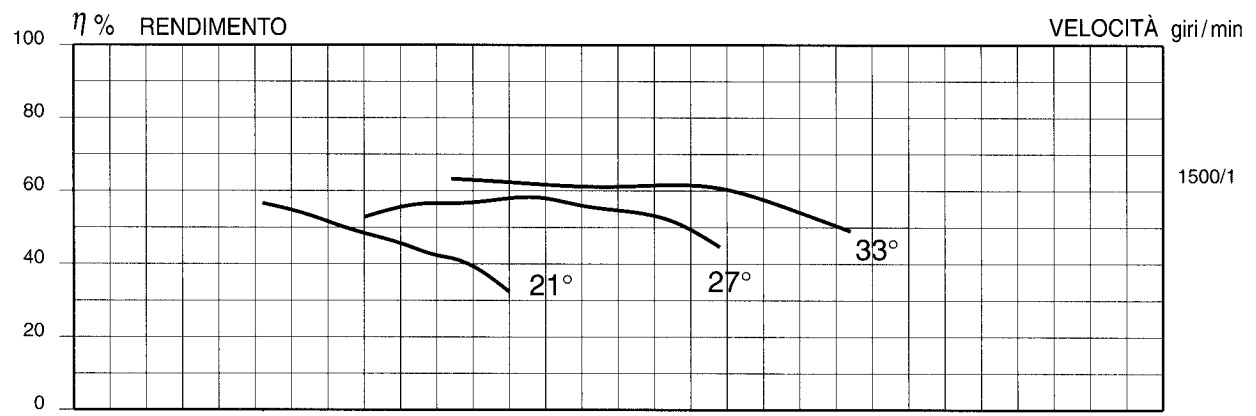
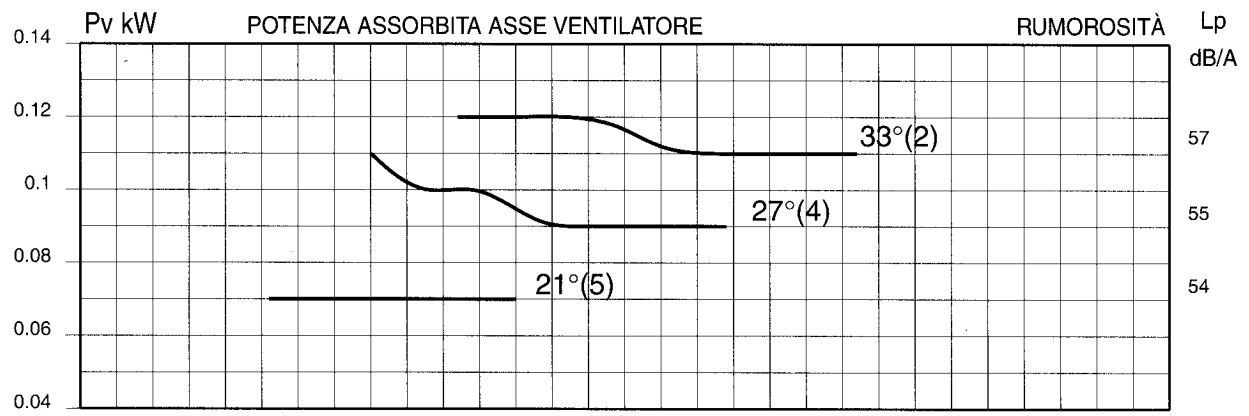
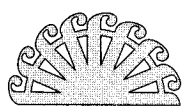
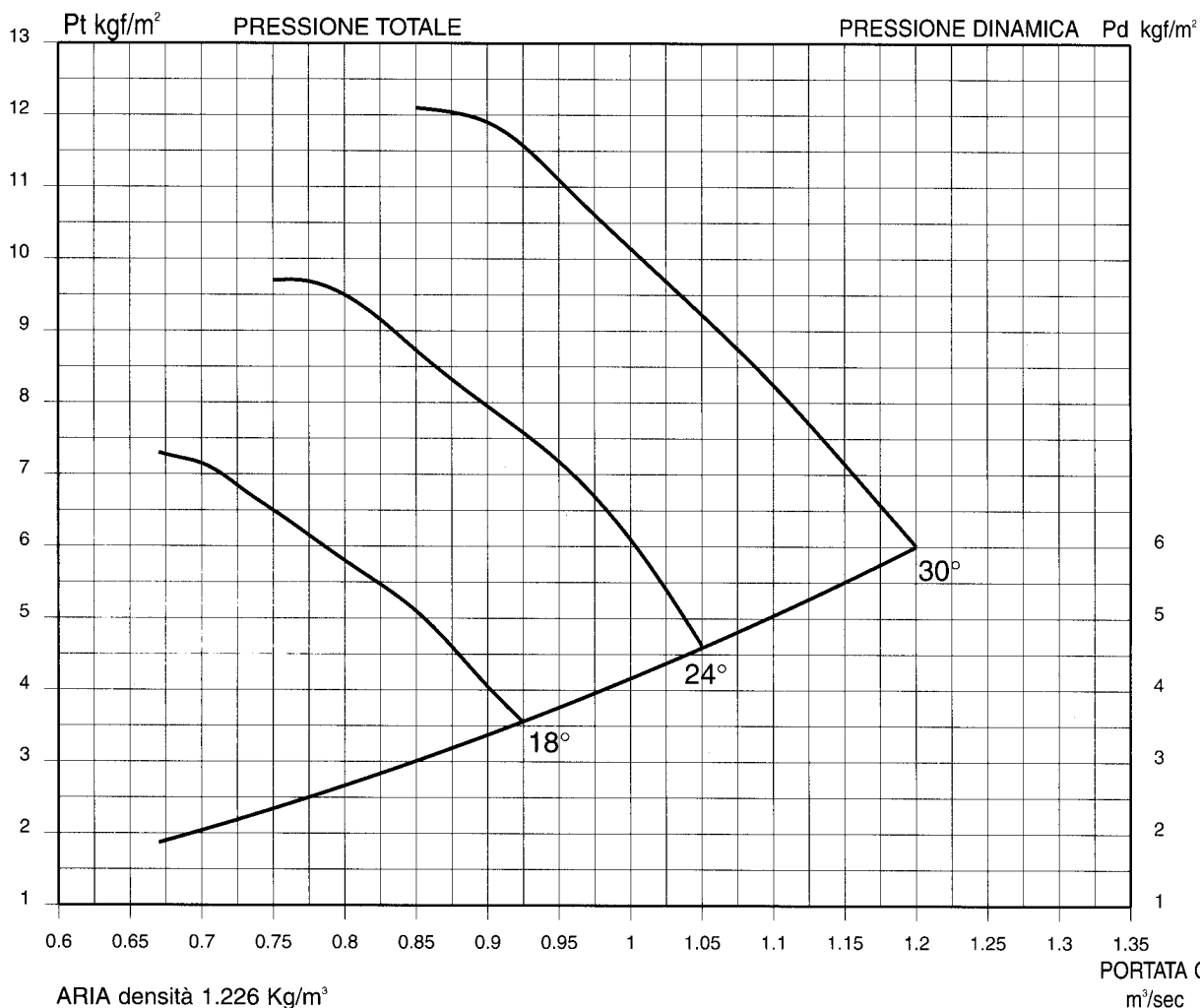
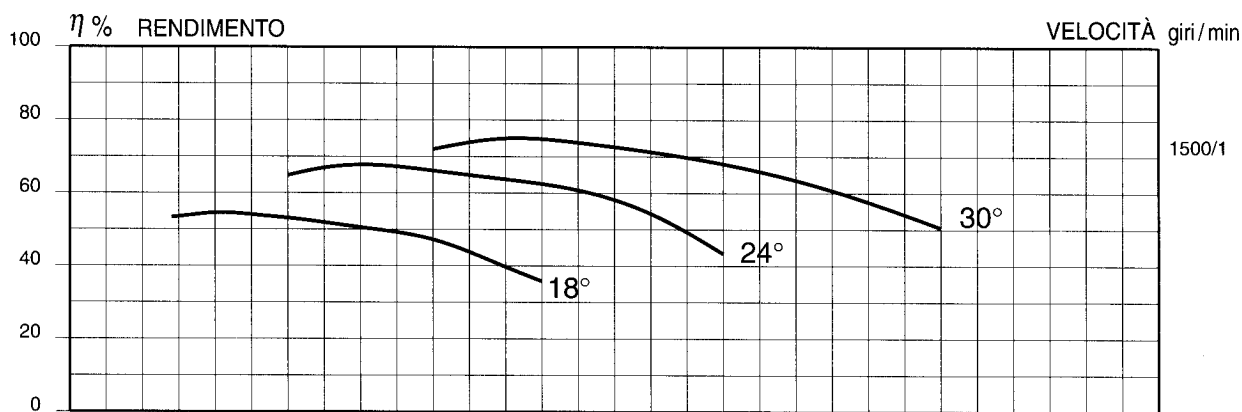
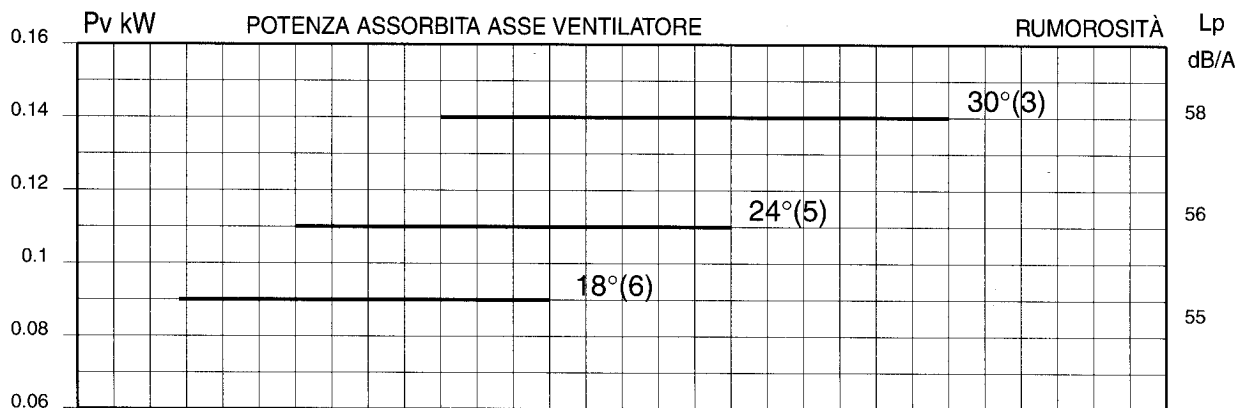
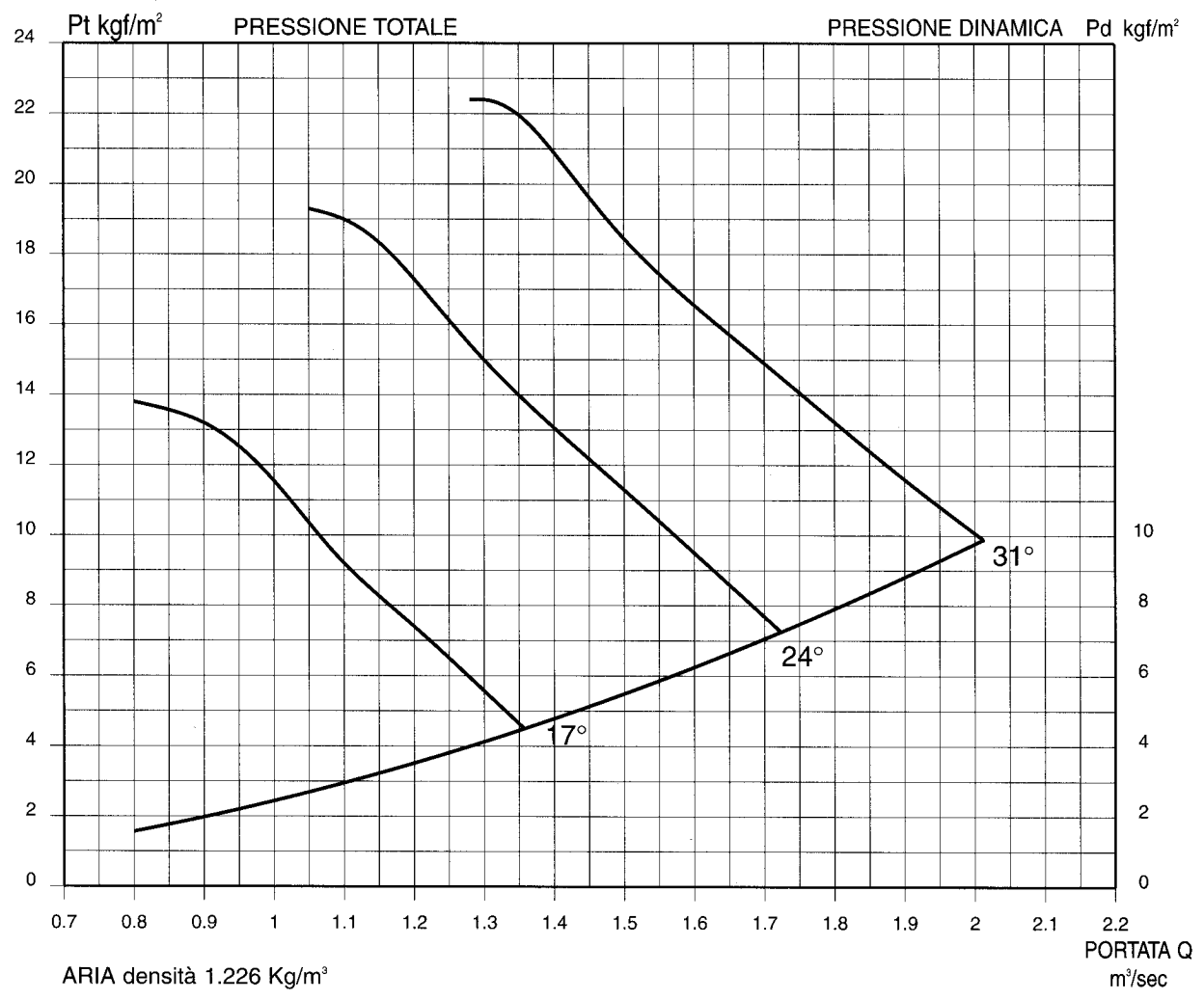
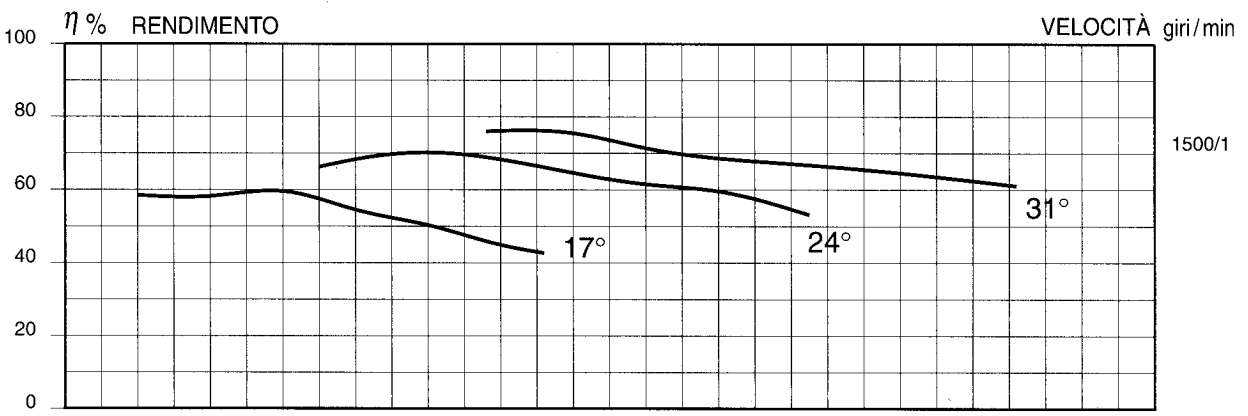
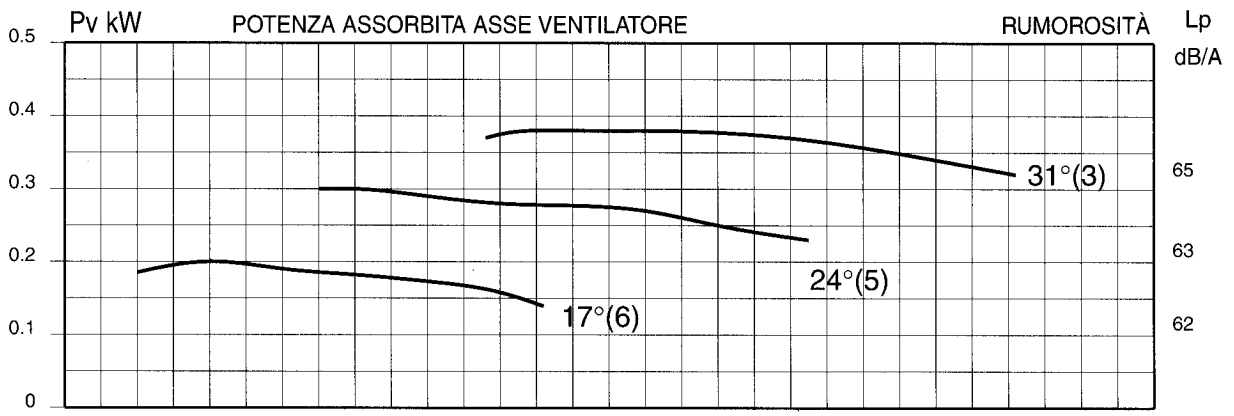
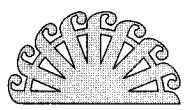




Diagramma di funzionamento in PREMENTE - Diametro girante 400 mm





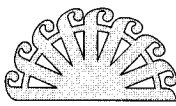
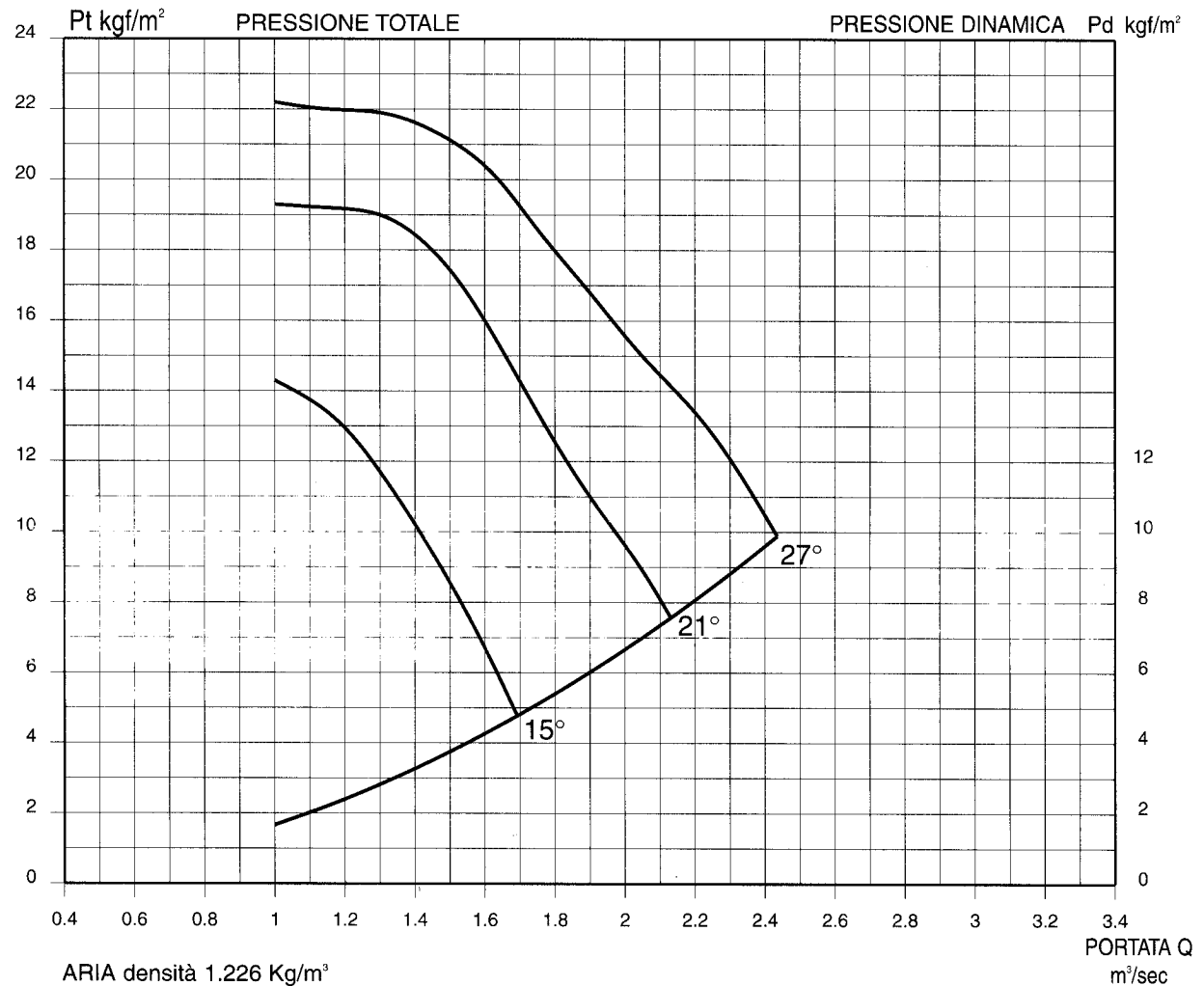
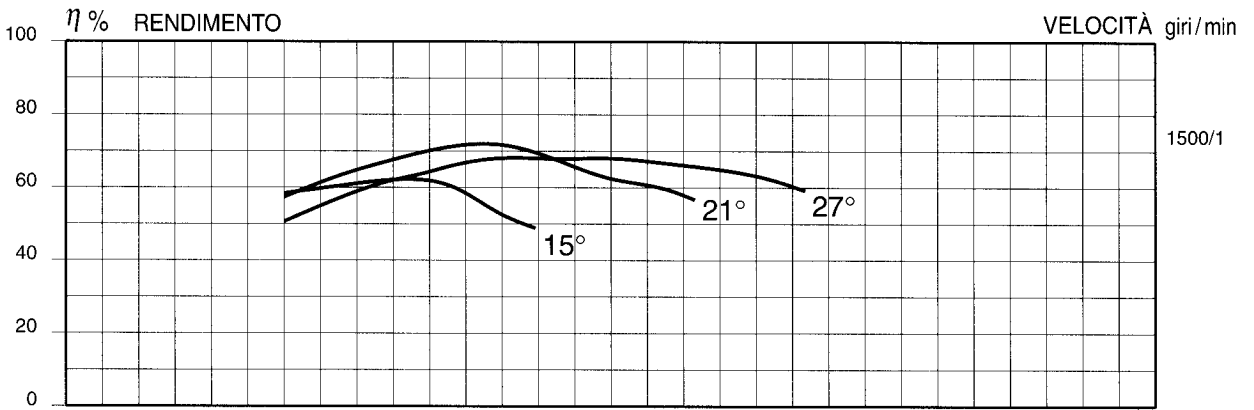
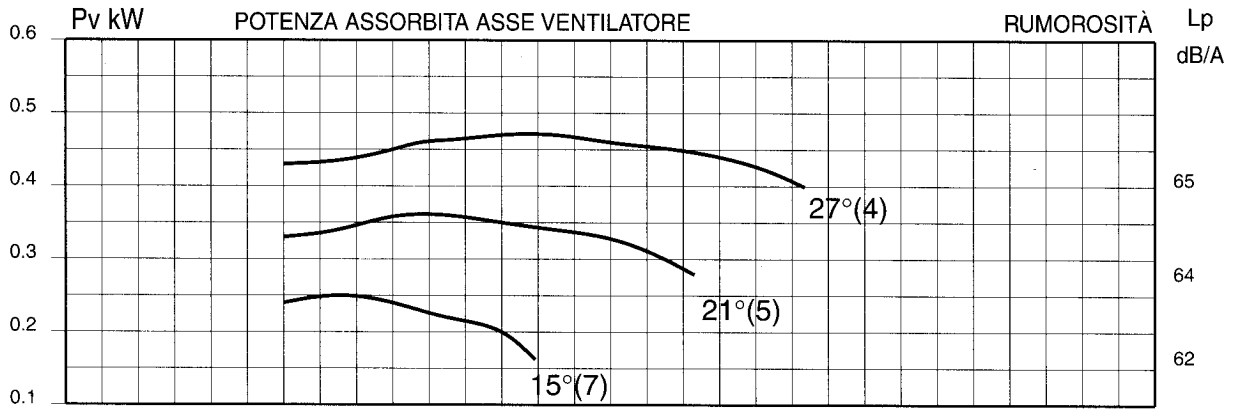
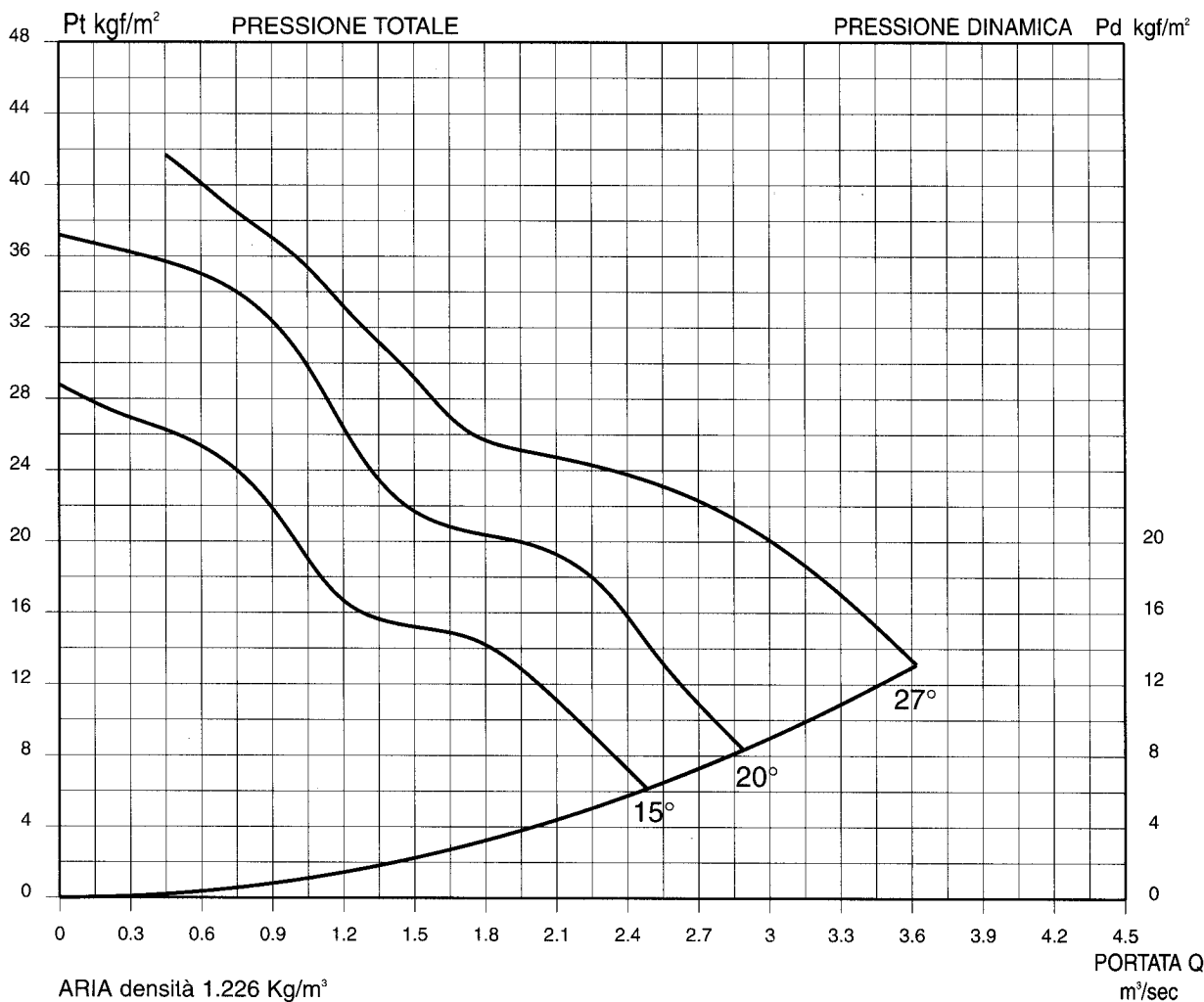
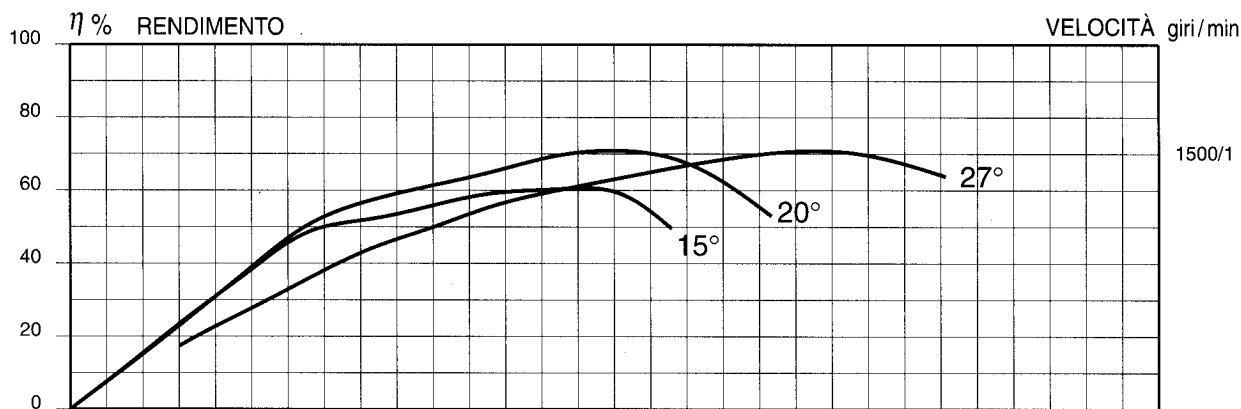
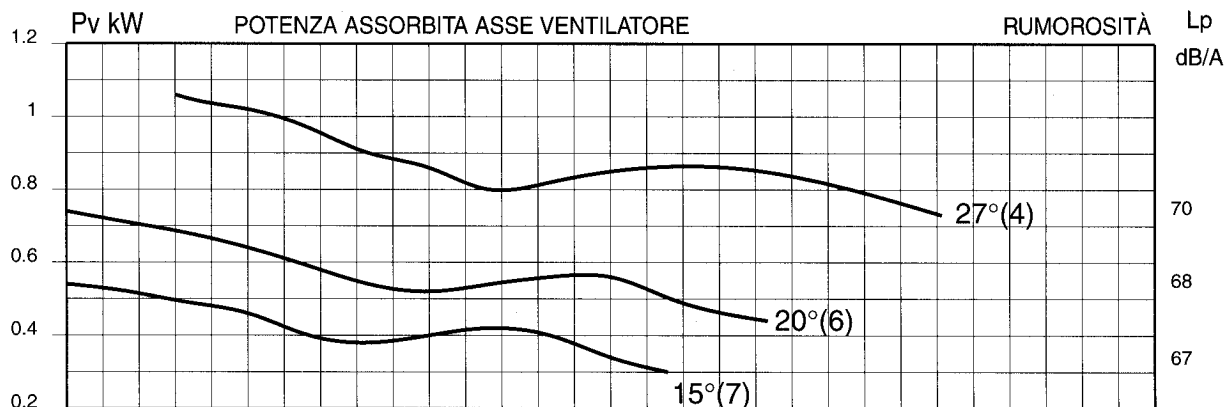
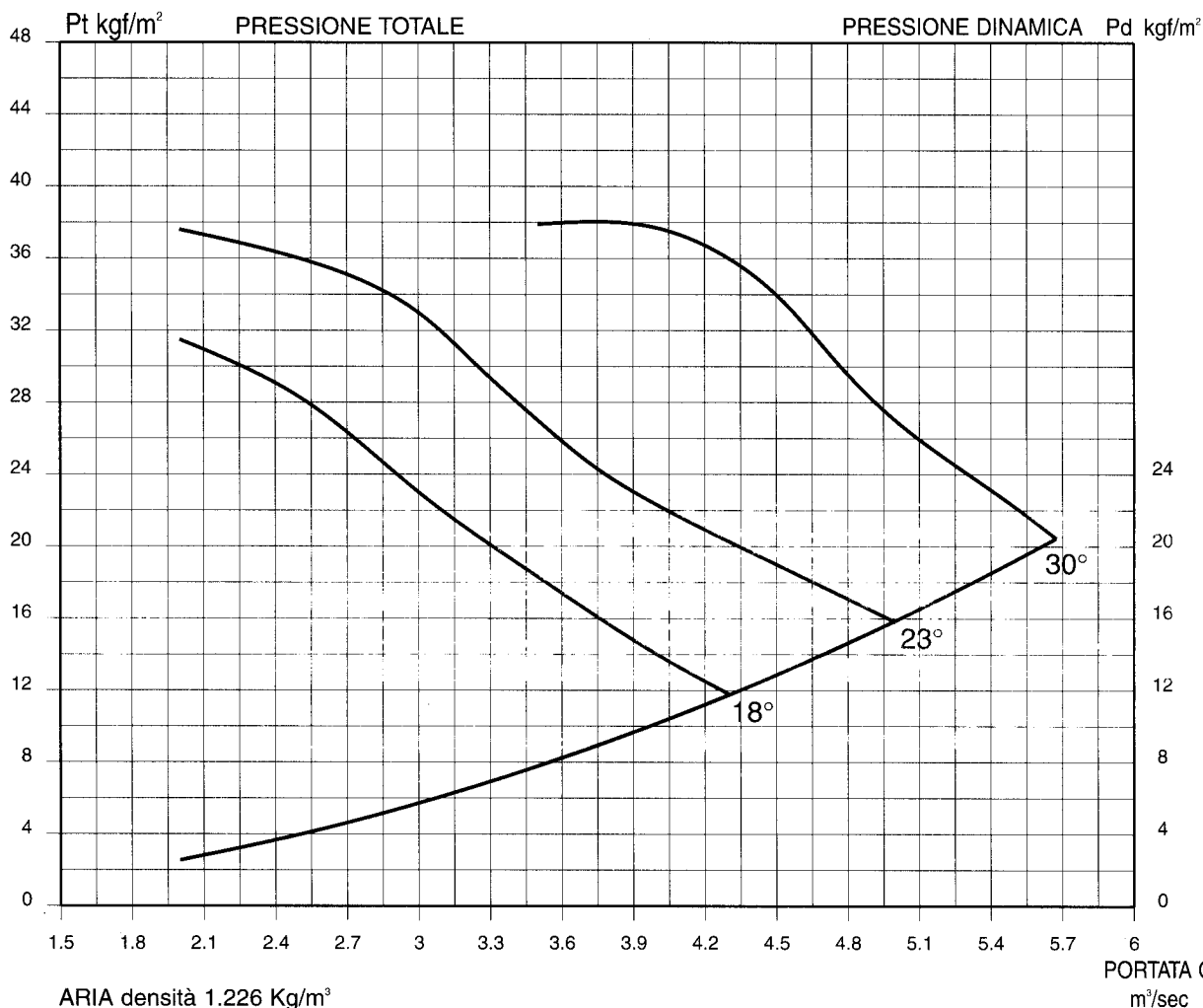
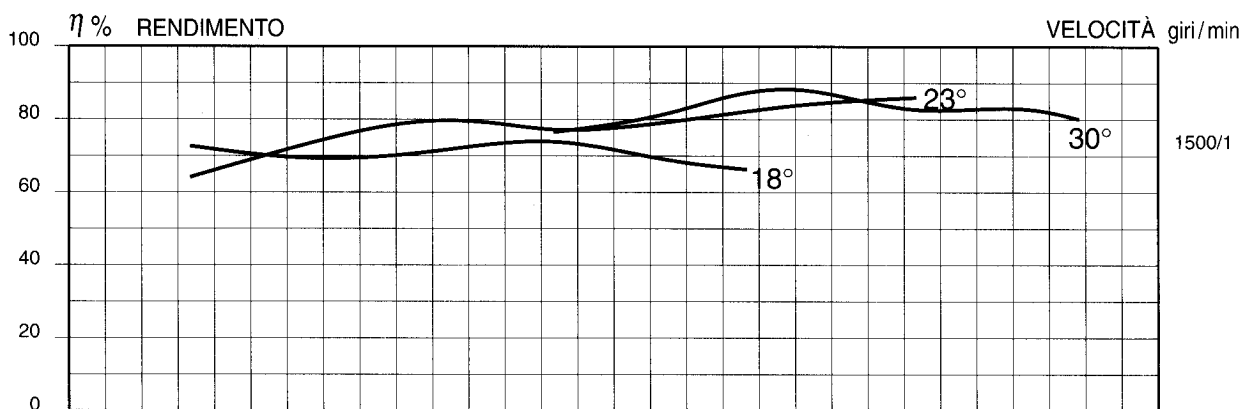
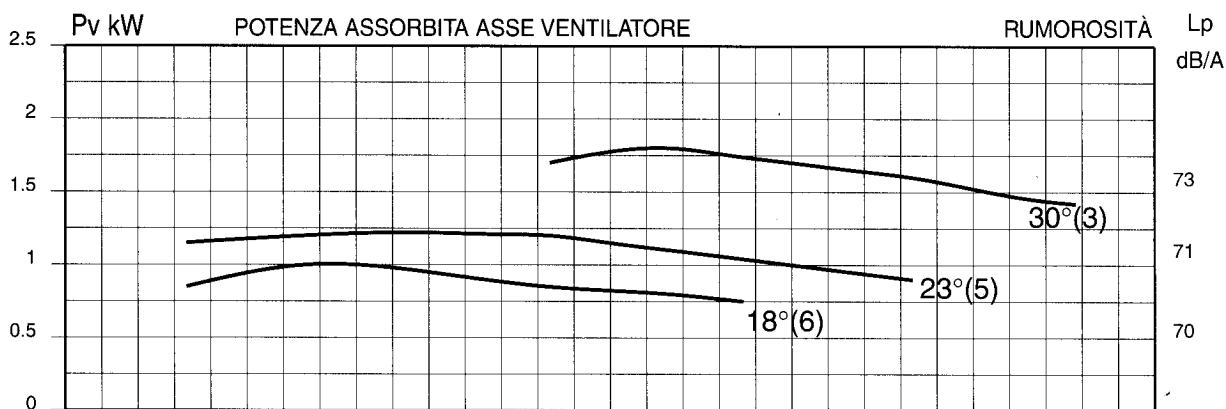
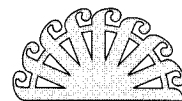


Diagramma di funzionamento in PREMENTE - Diametro girante 500 mm



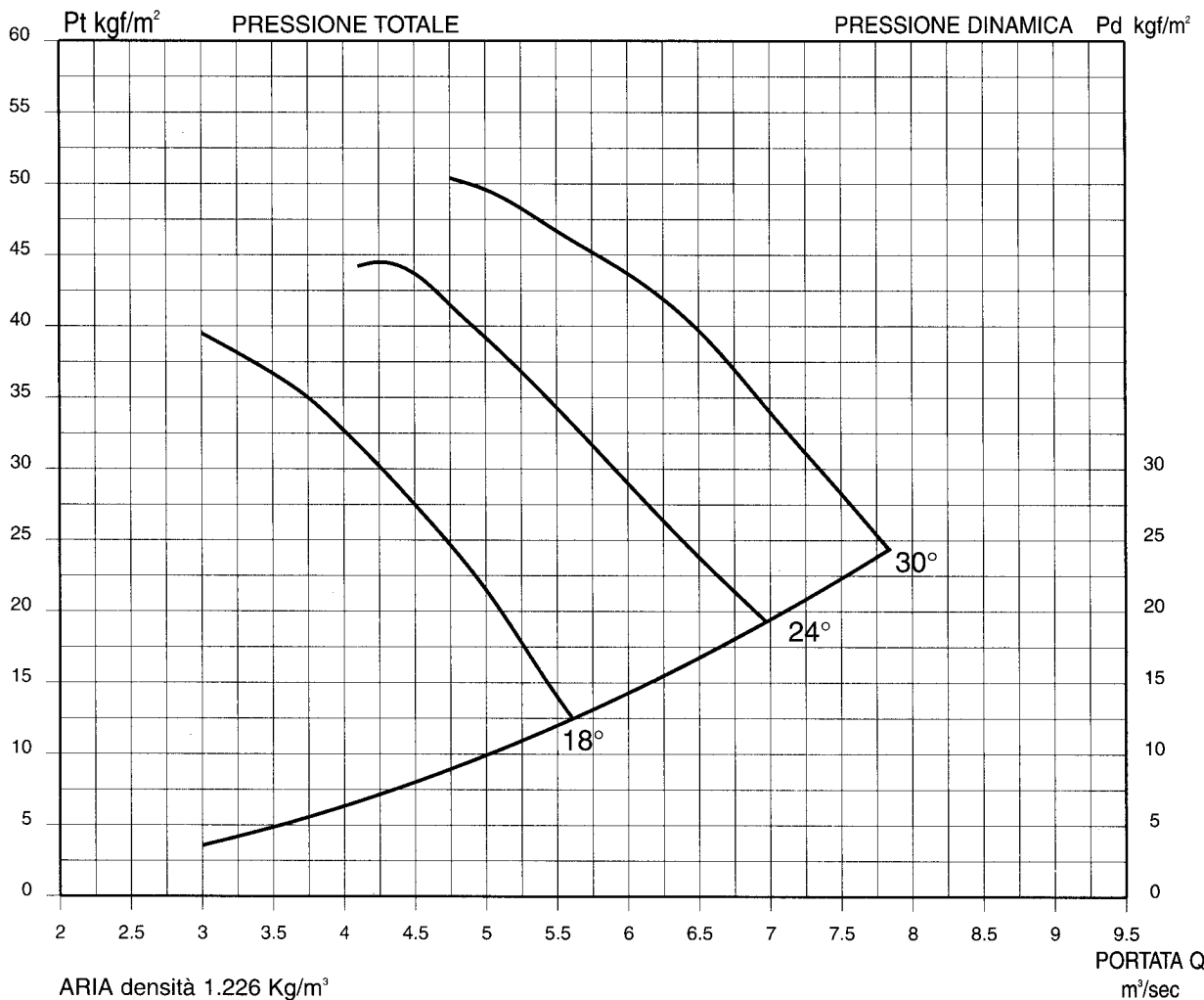
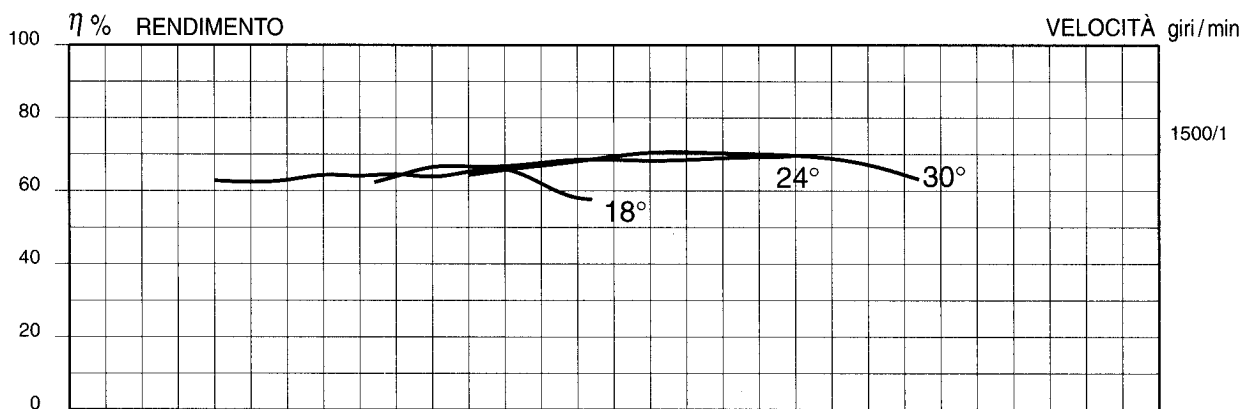
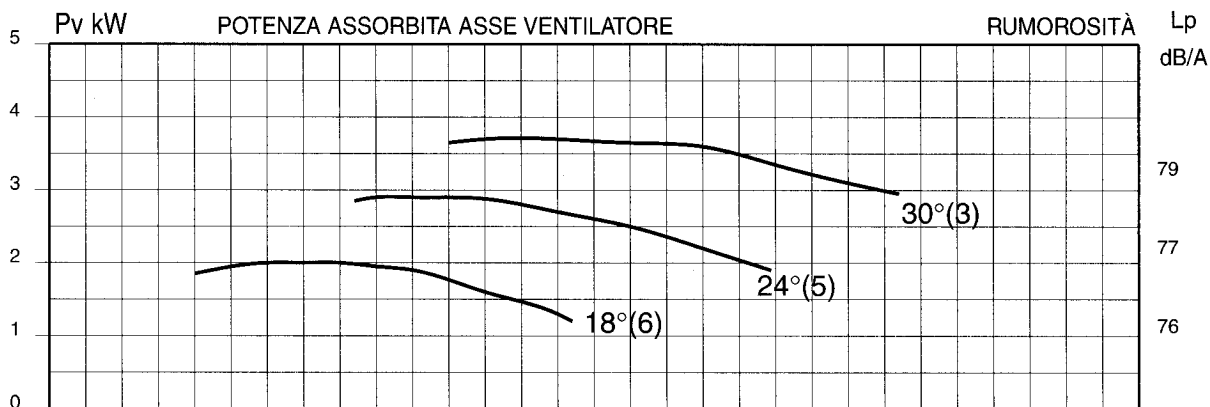
ARIA densità 1.226 Kg/m³

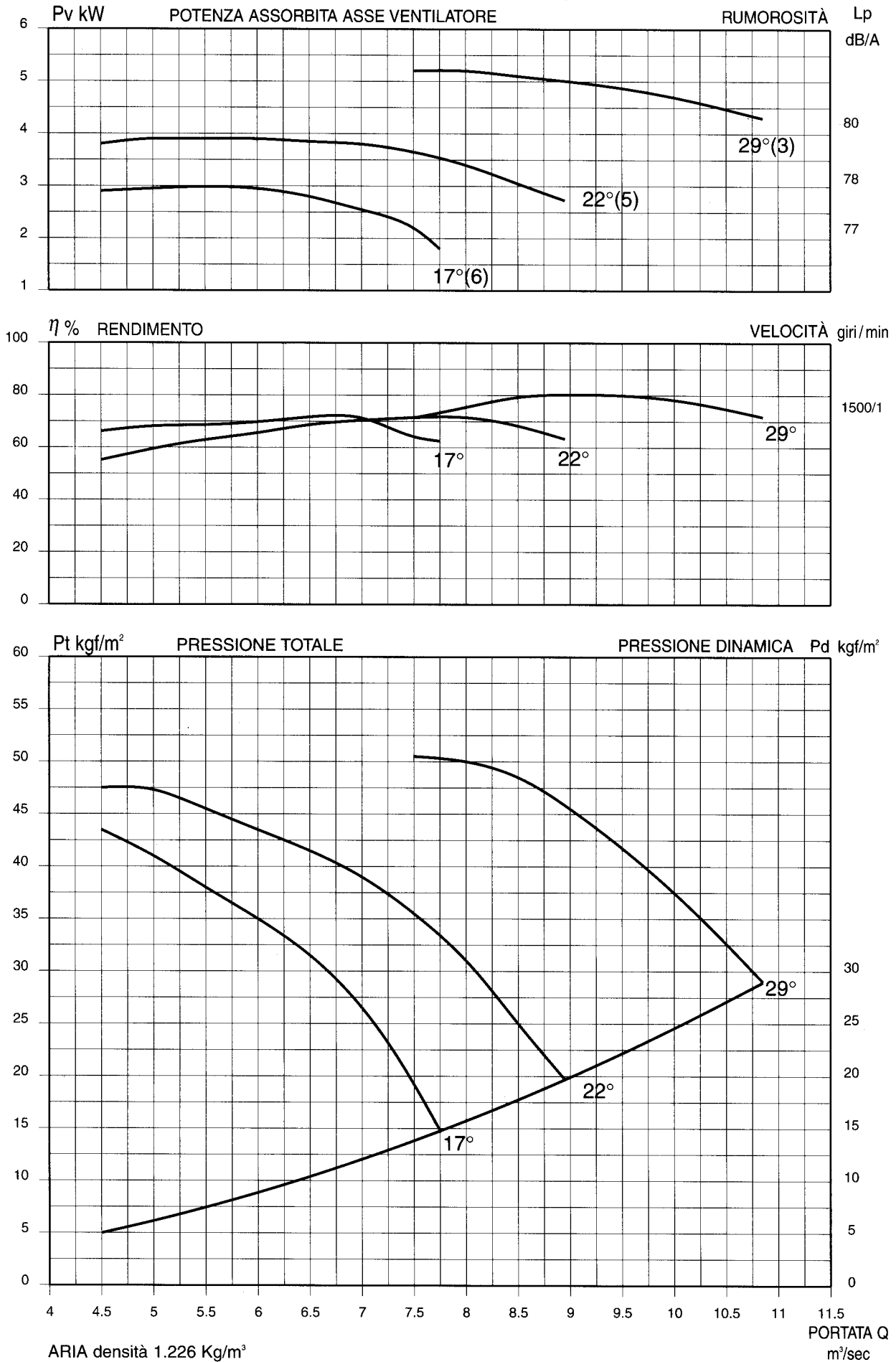
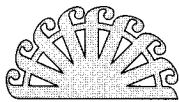


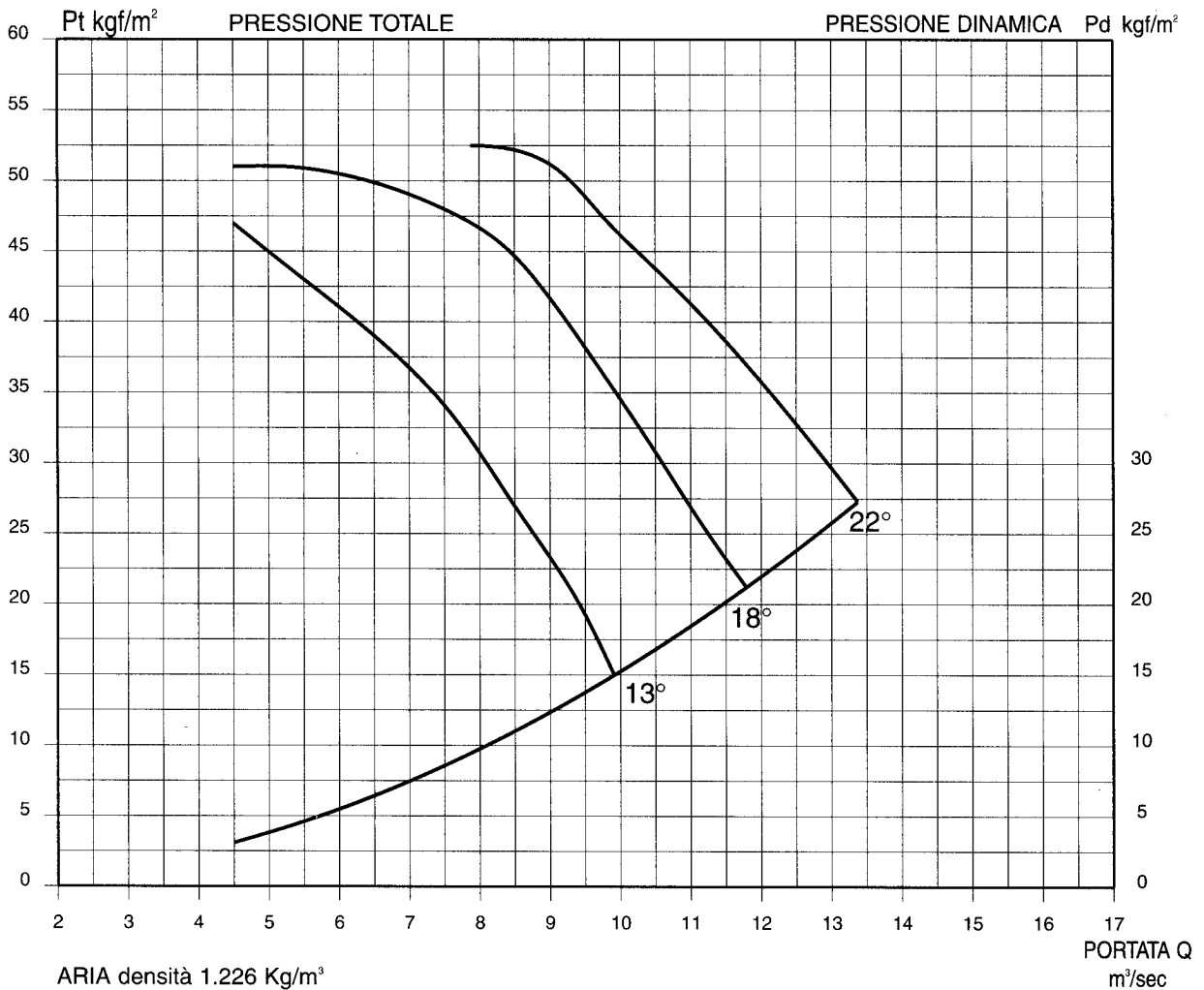
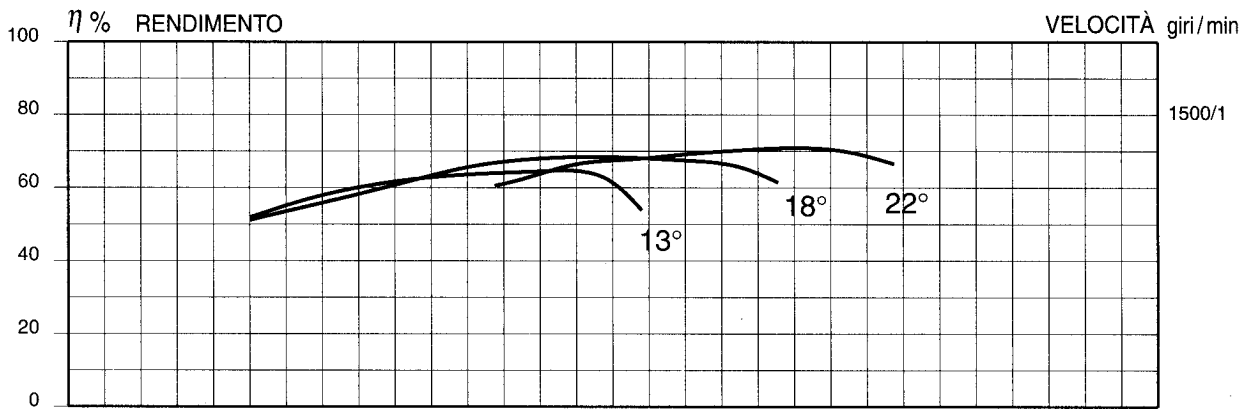
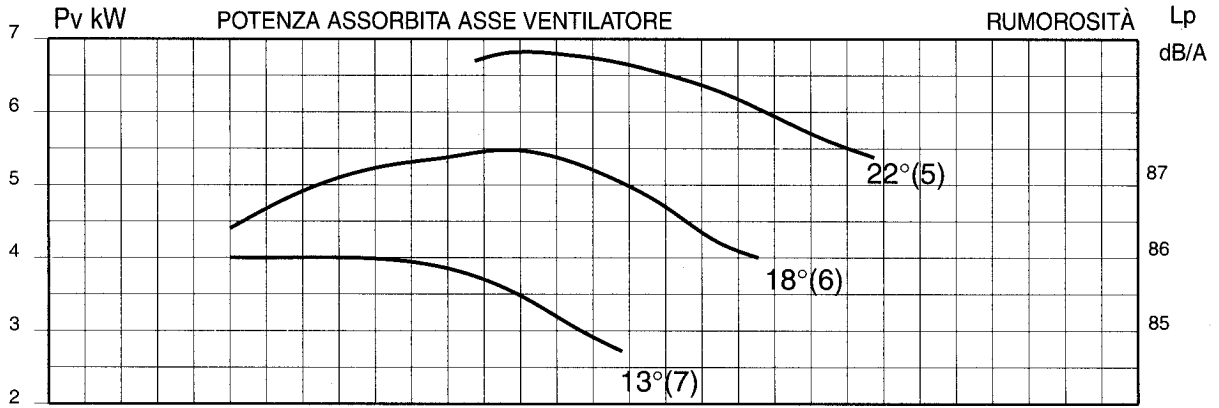


ARIA densità 1.226 Kg/m³

PORTATA Q m³/sec







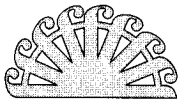
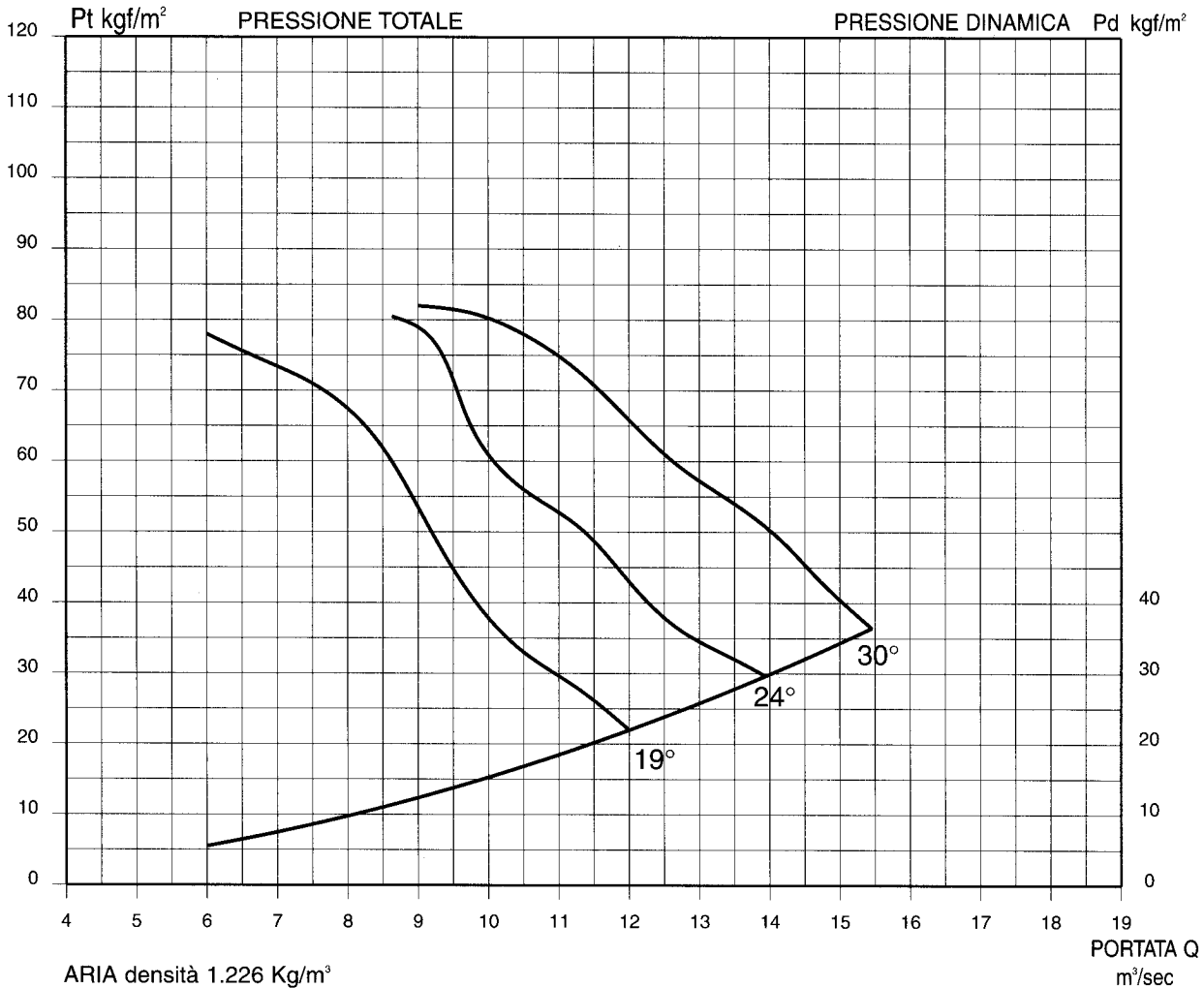
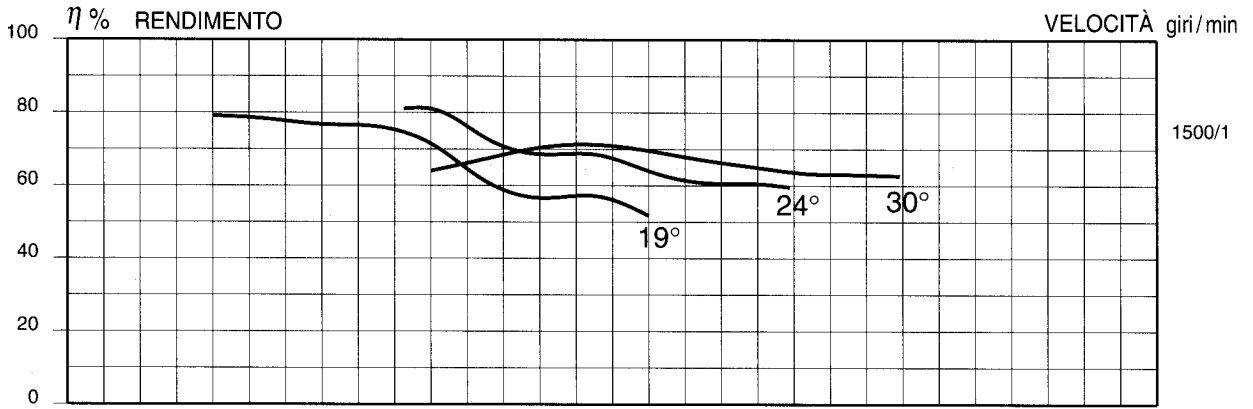
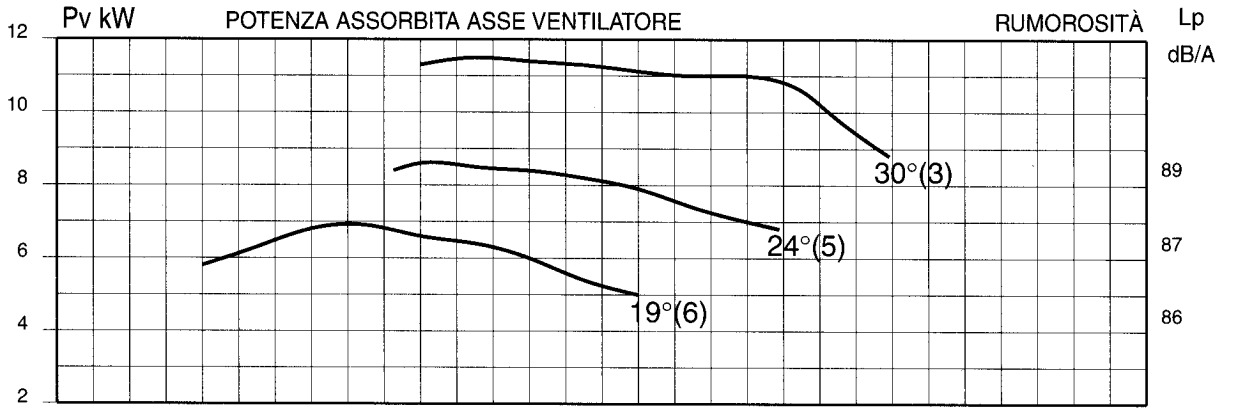


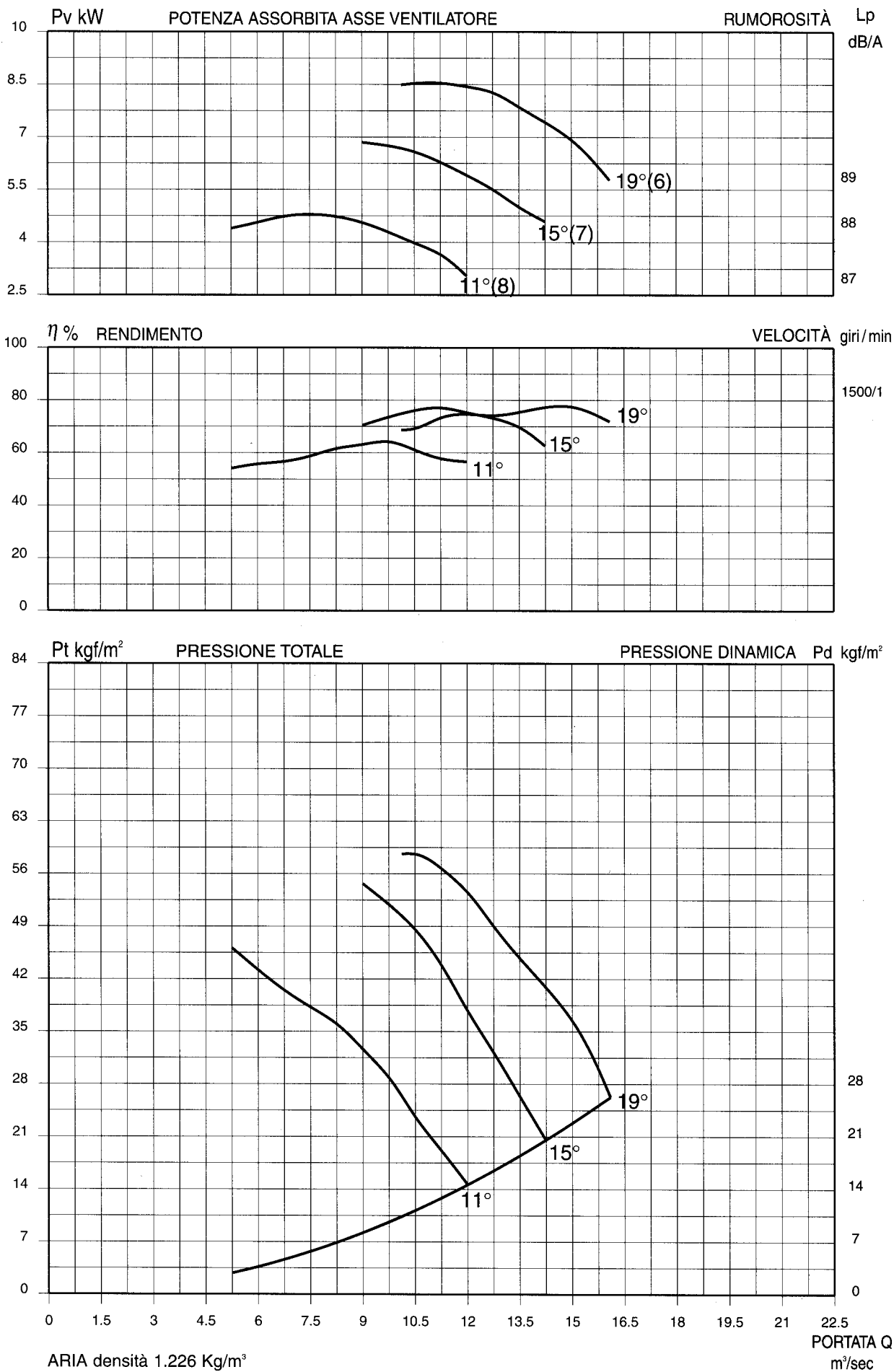
Diagramma di funzionamento in PREMENTE - Diametro girante 900 mm

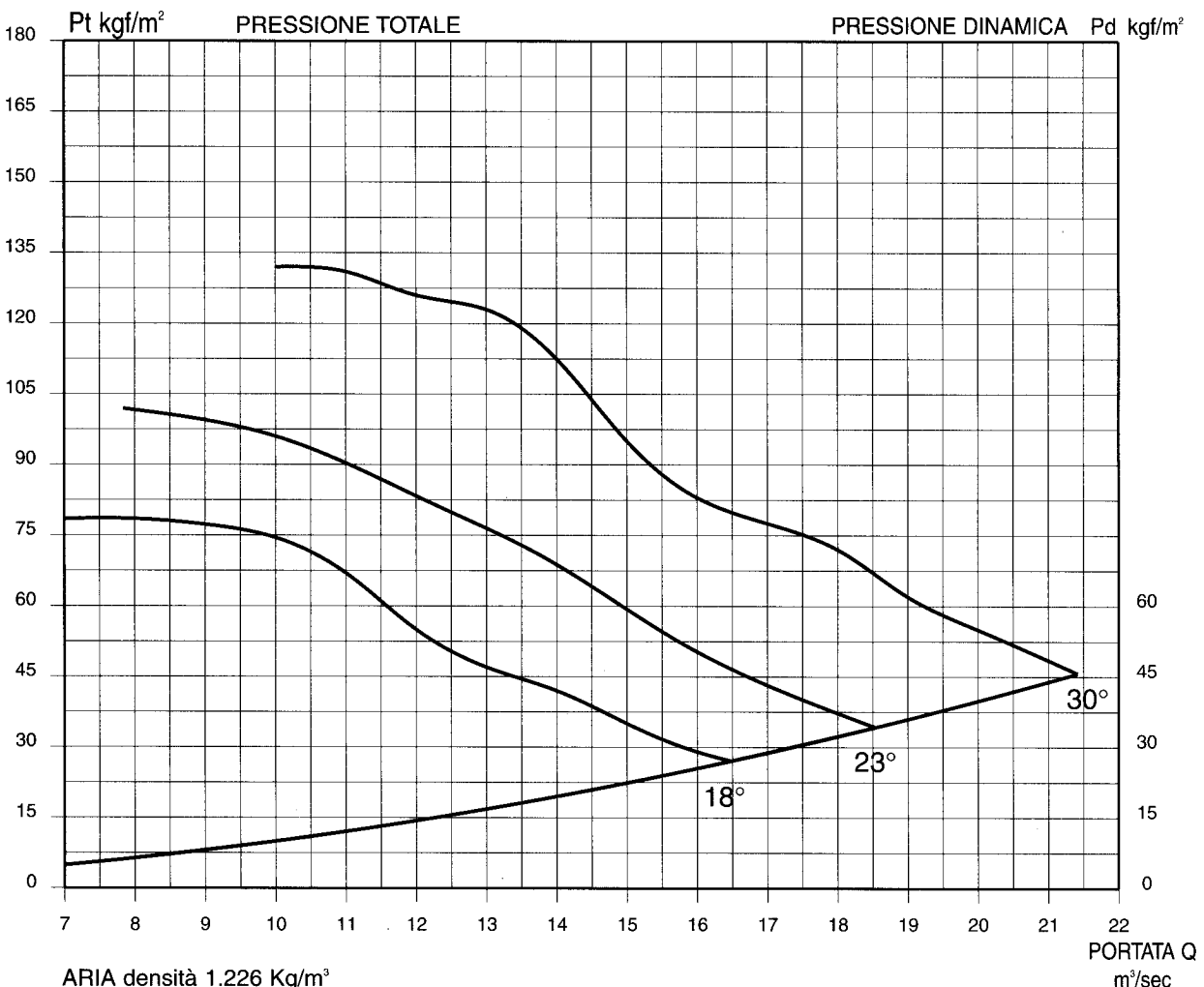
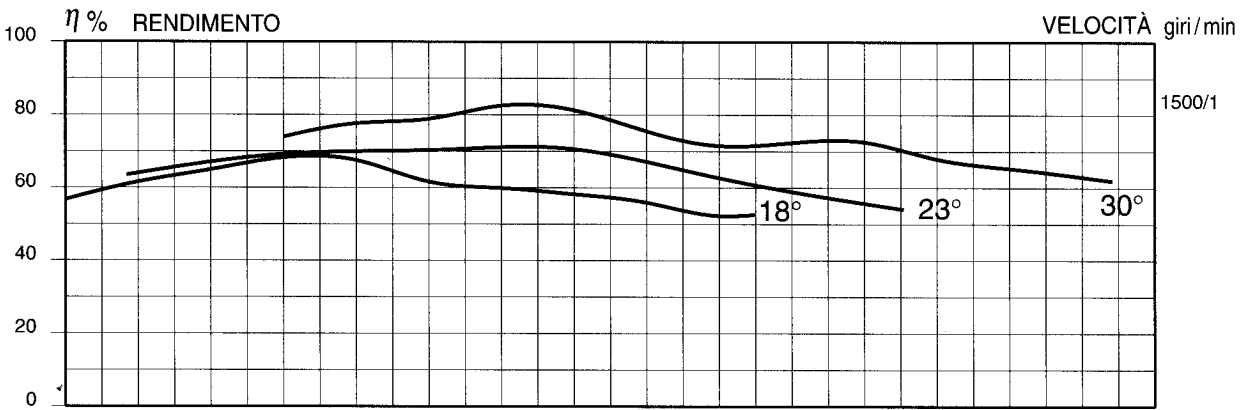
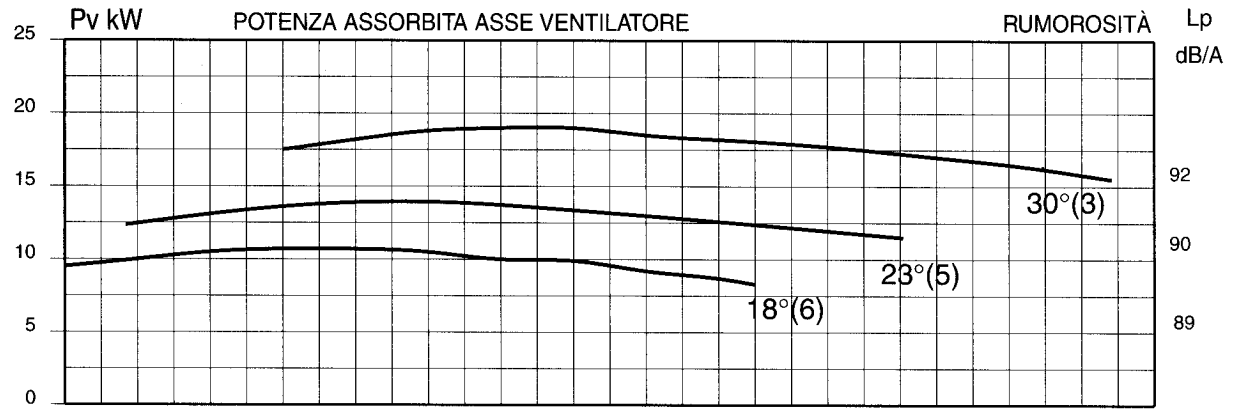
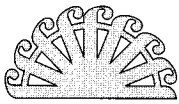


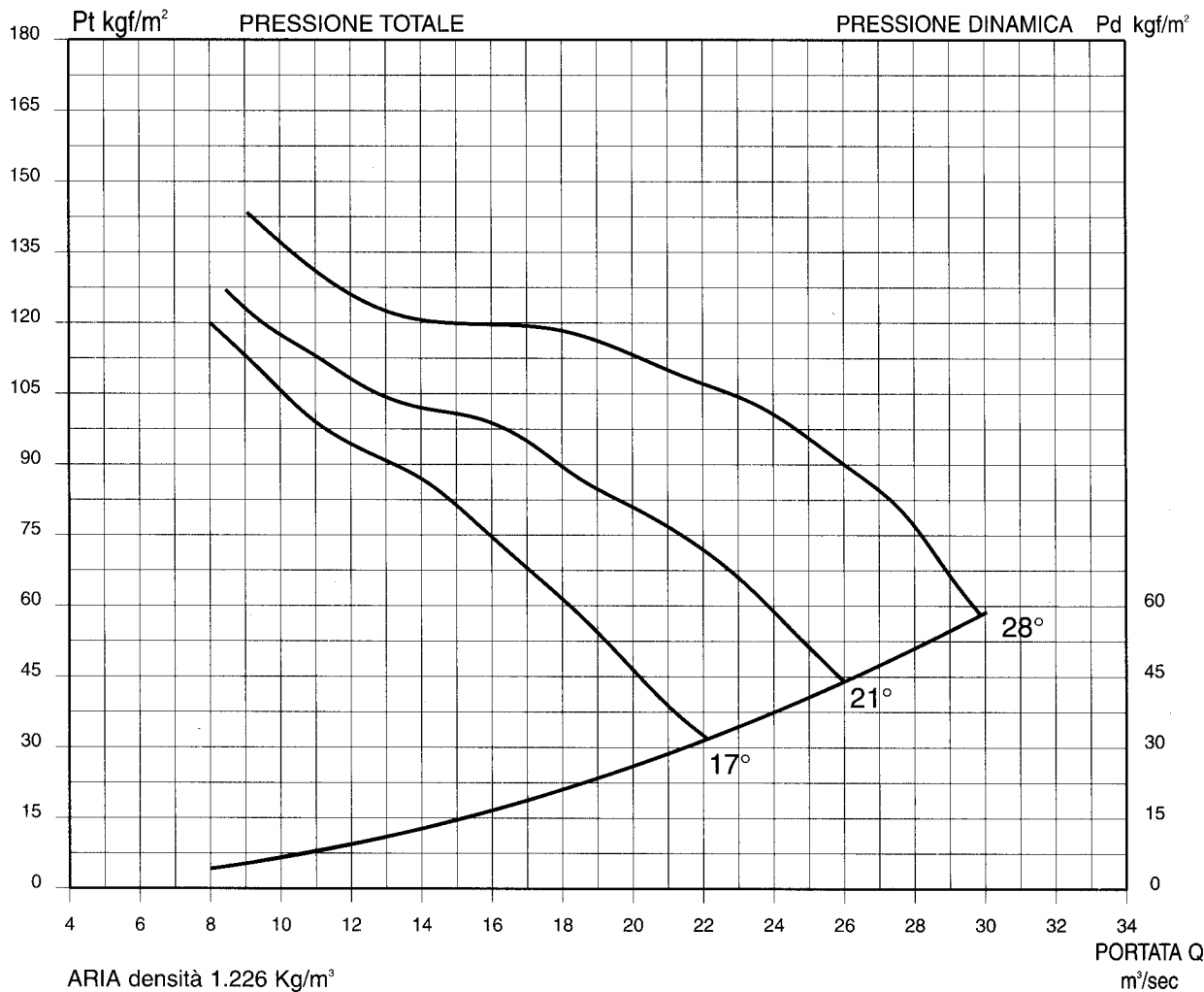
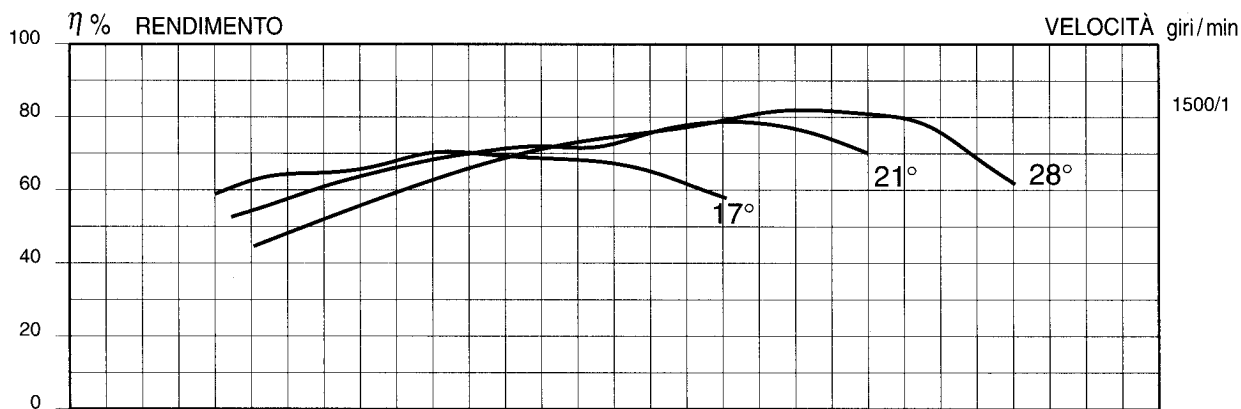
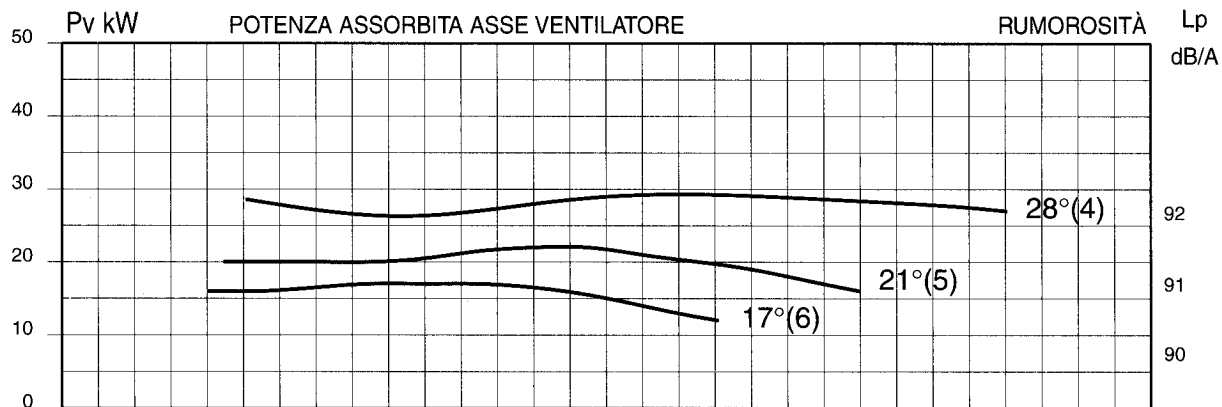
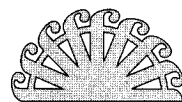
ELVE EF 1008-1007-1006/E 4A/A

Potenza installata 5.5-7.5-9 kW

Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm



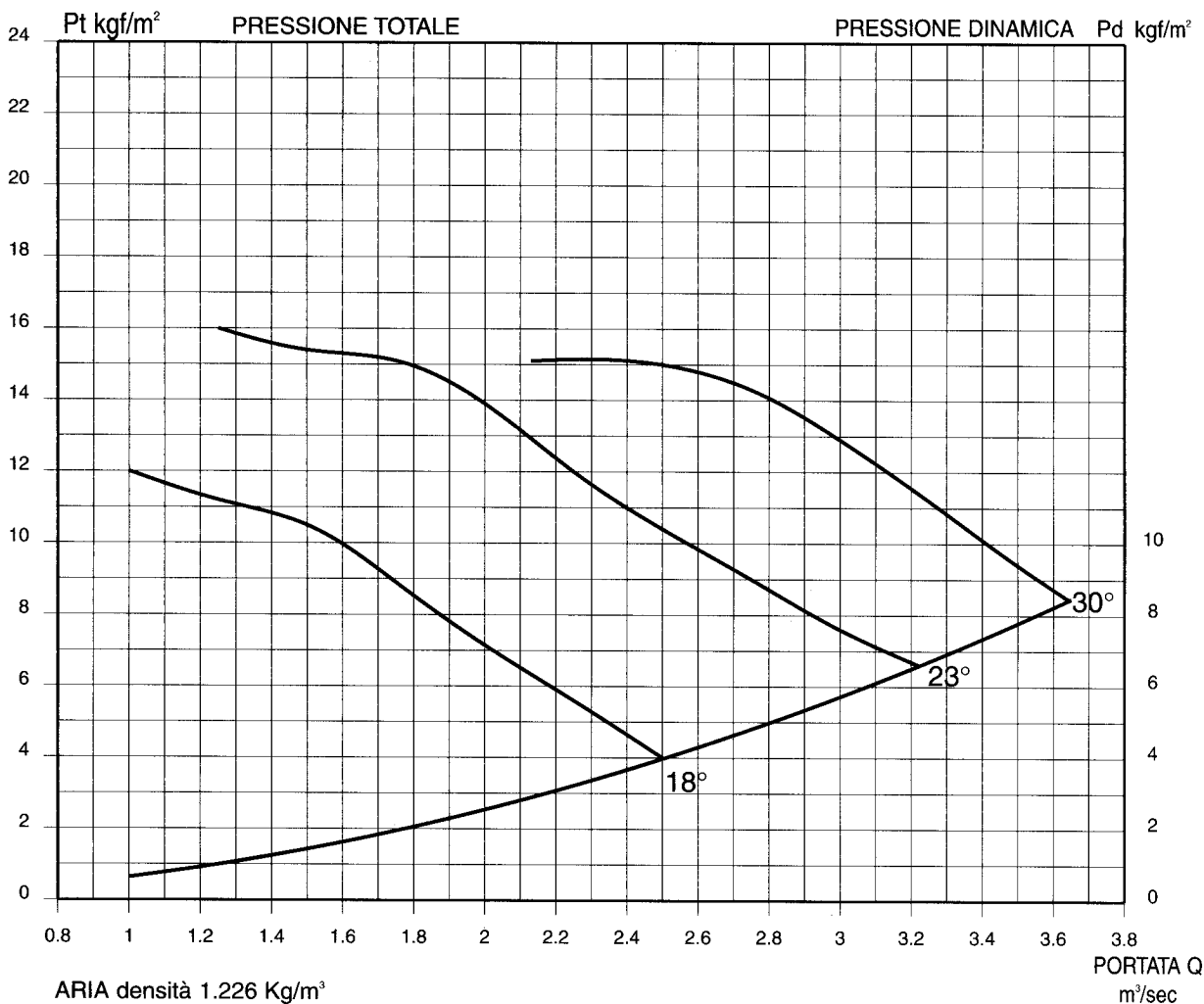
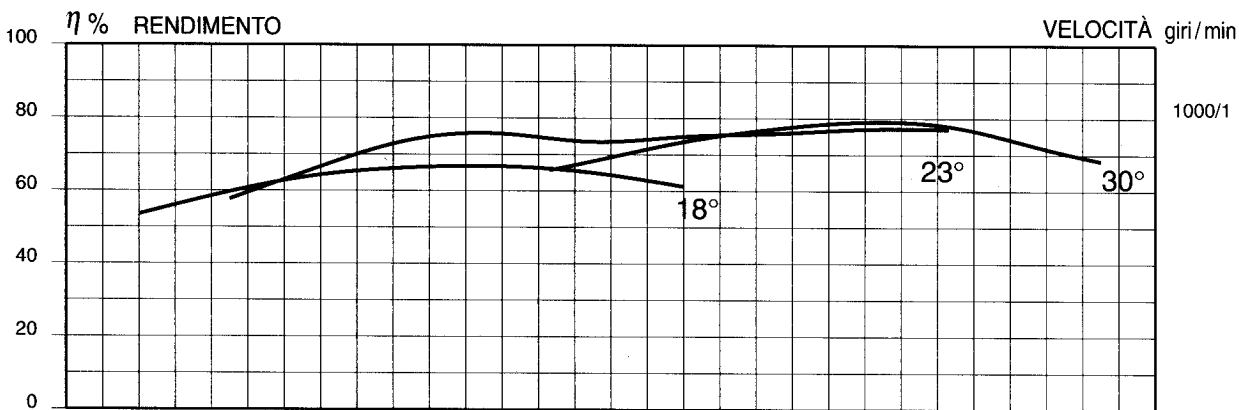
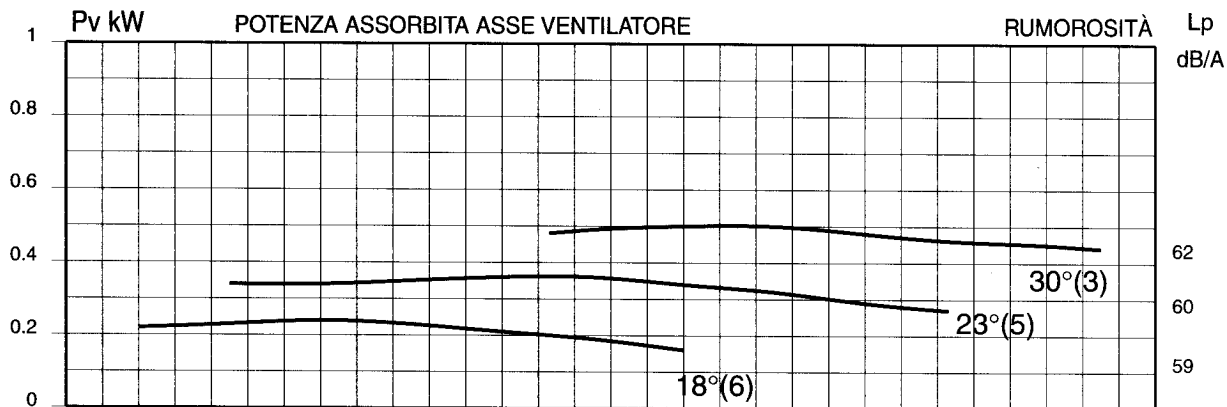
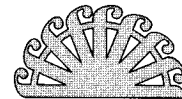


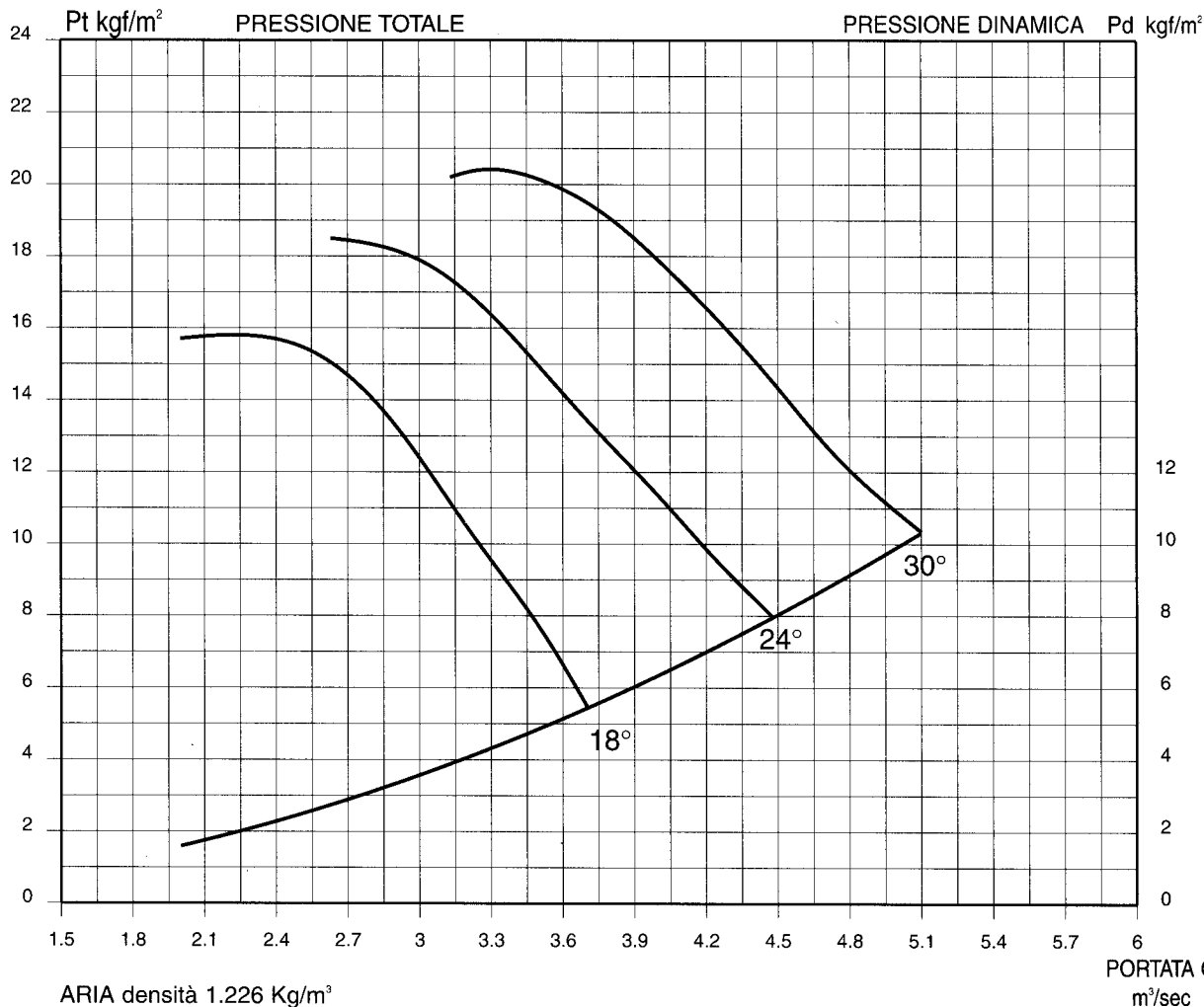
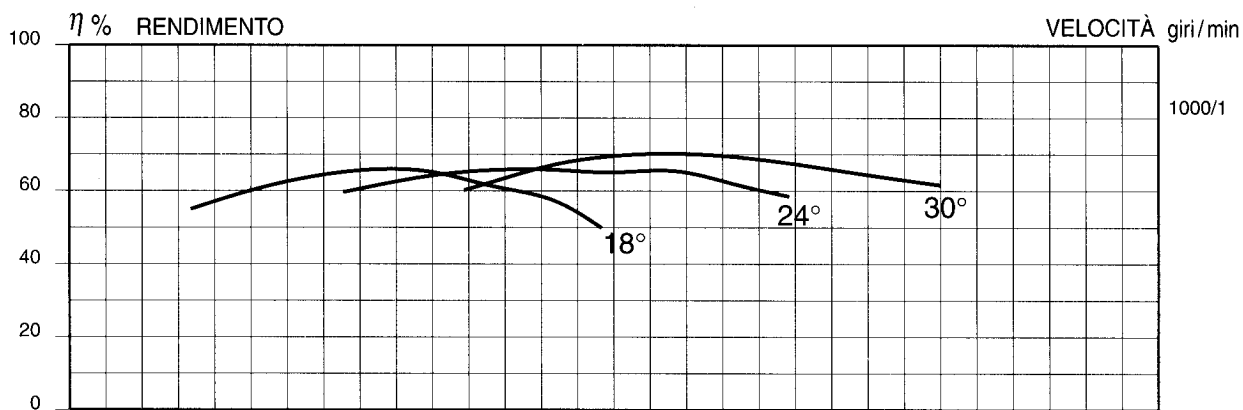
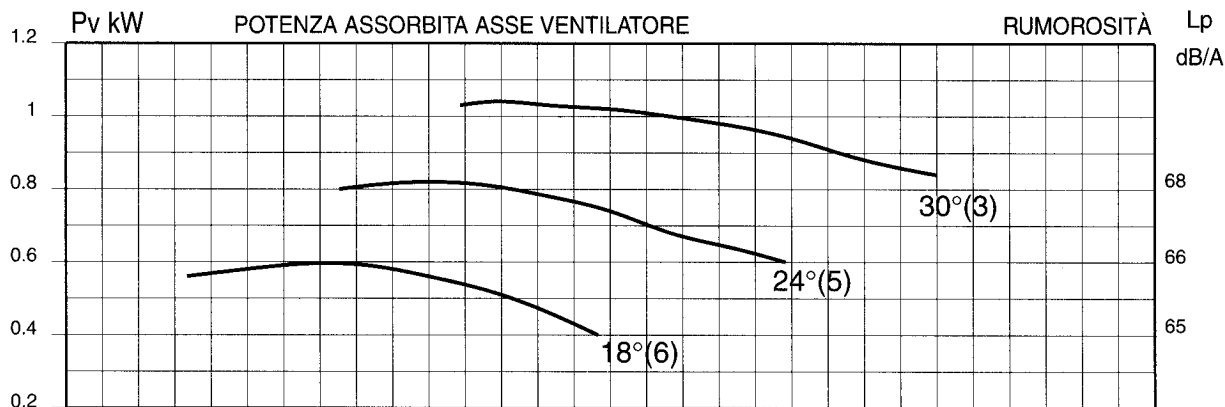


ELVE ES 636-635-633/G 4A/A

Potenza installata 0.25-0.37-0.55 kW

Diagramma di funzionamento in PREMENTE - Diametro girante 630 mm





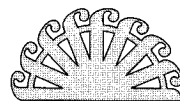
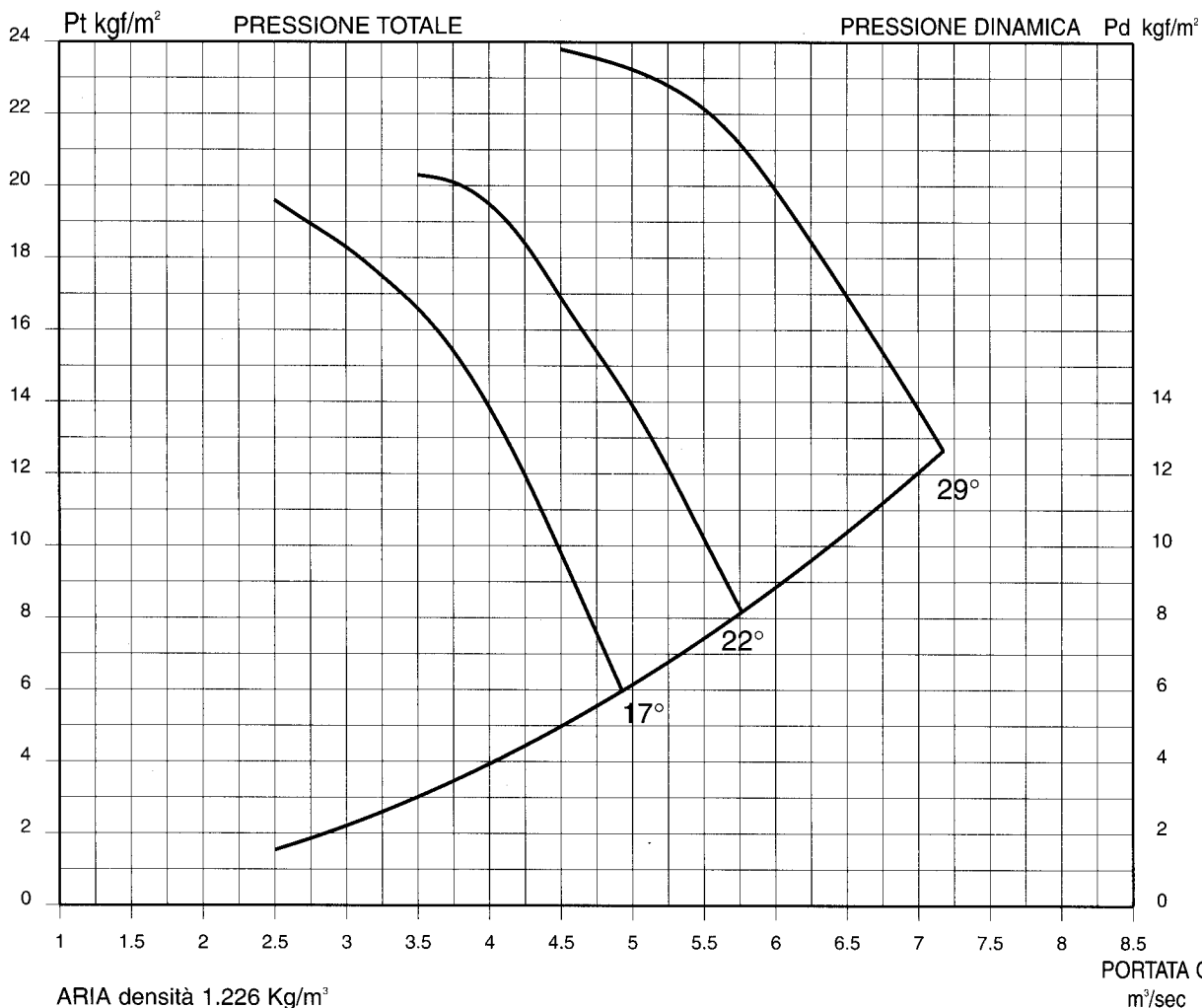
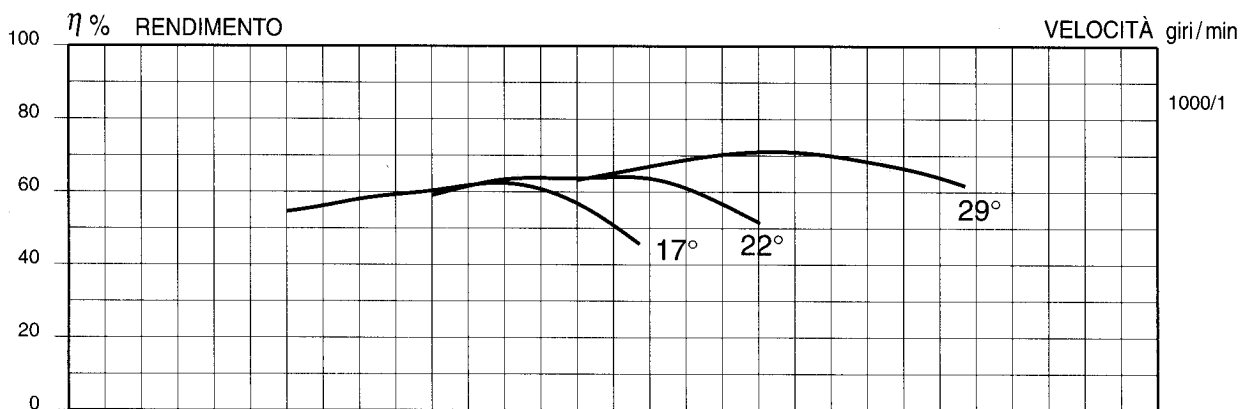
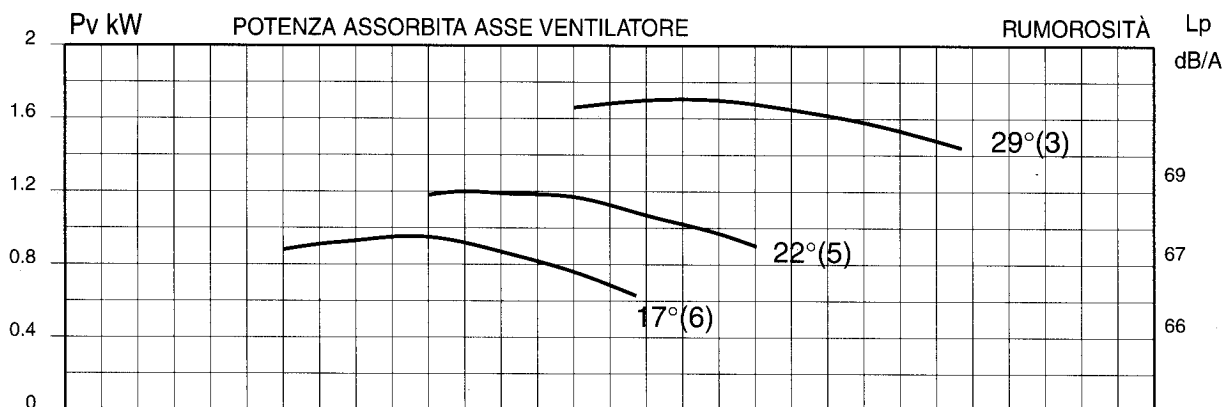
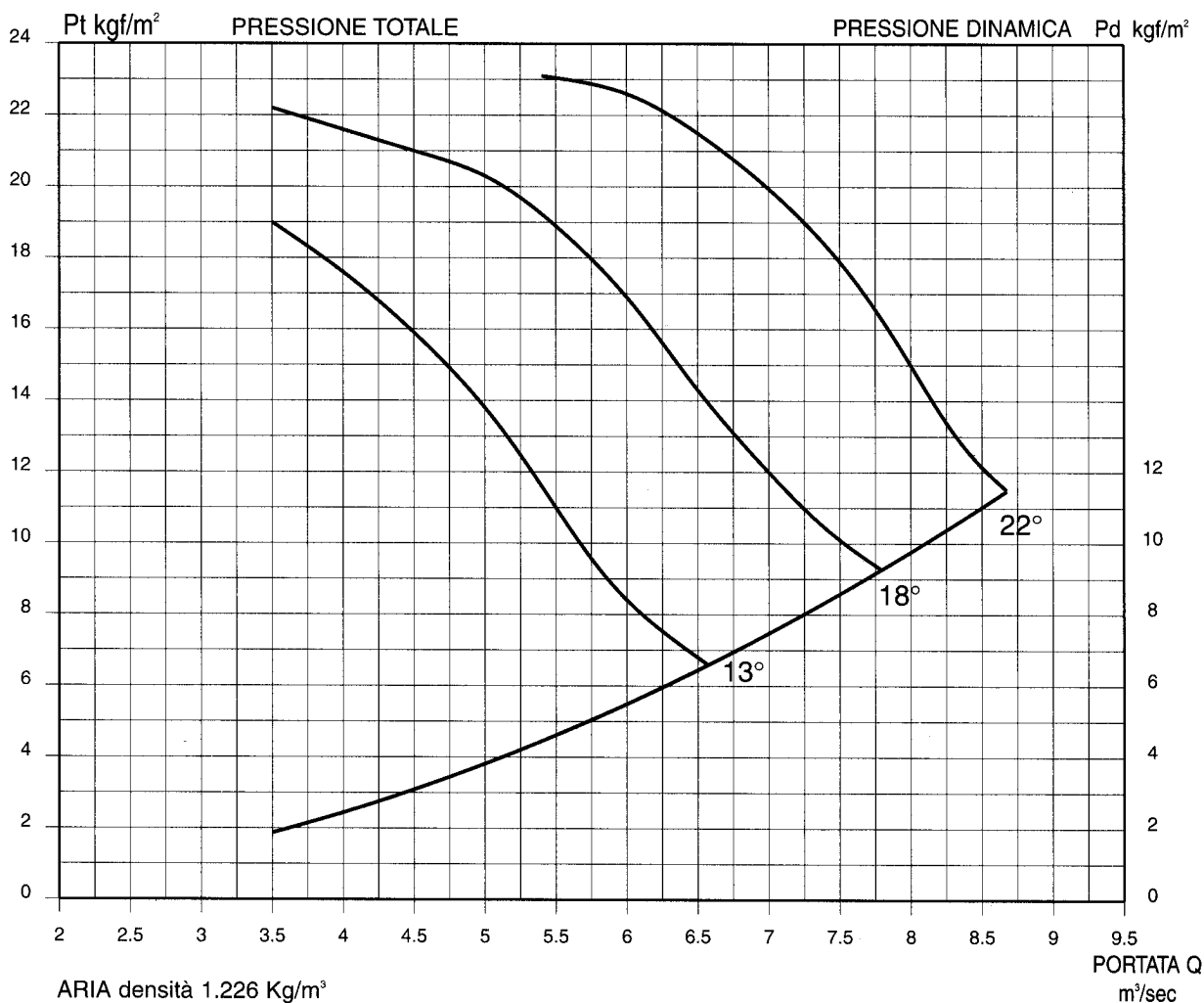
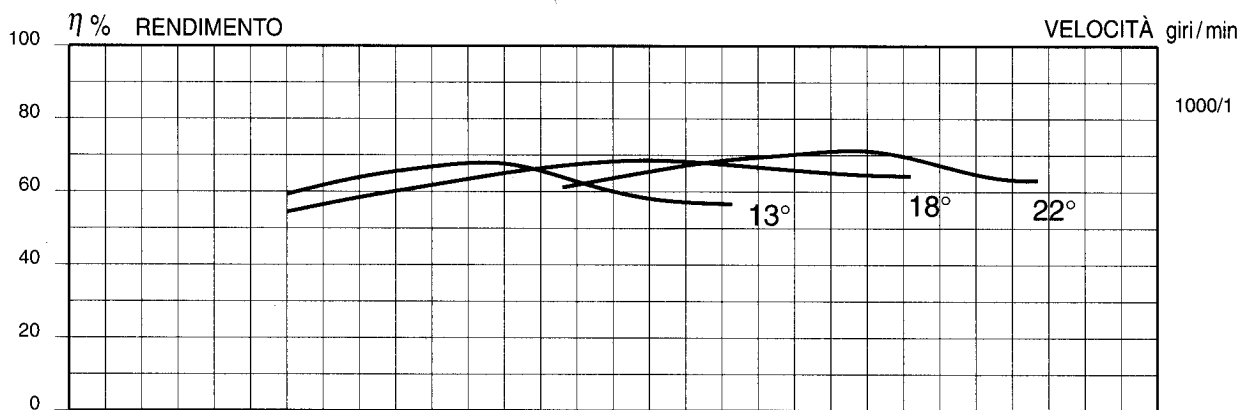
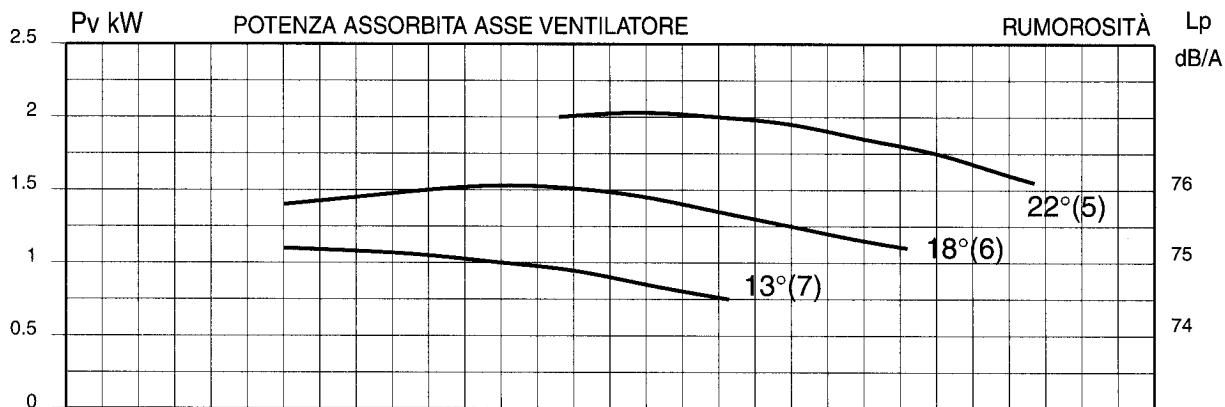


Diagramma di funzionamento in PREMENTE - Diametro girante 800 mm





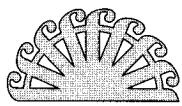
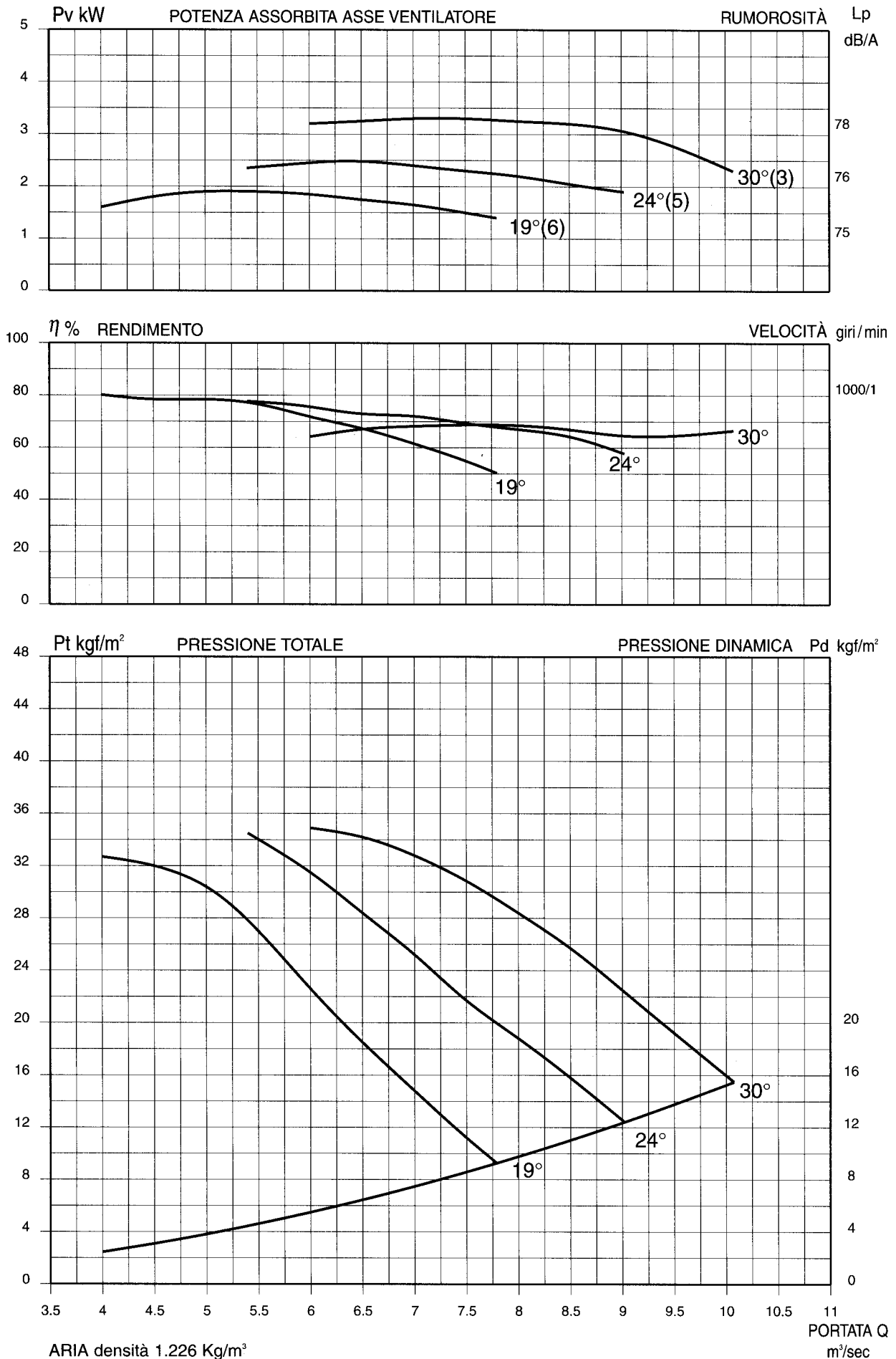


Diagramma di funzionamento in PREMENTE - Diametro girante 900 mm



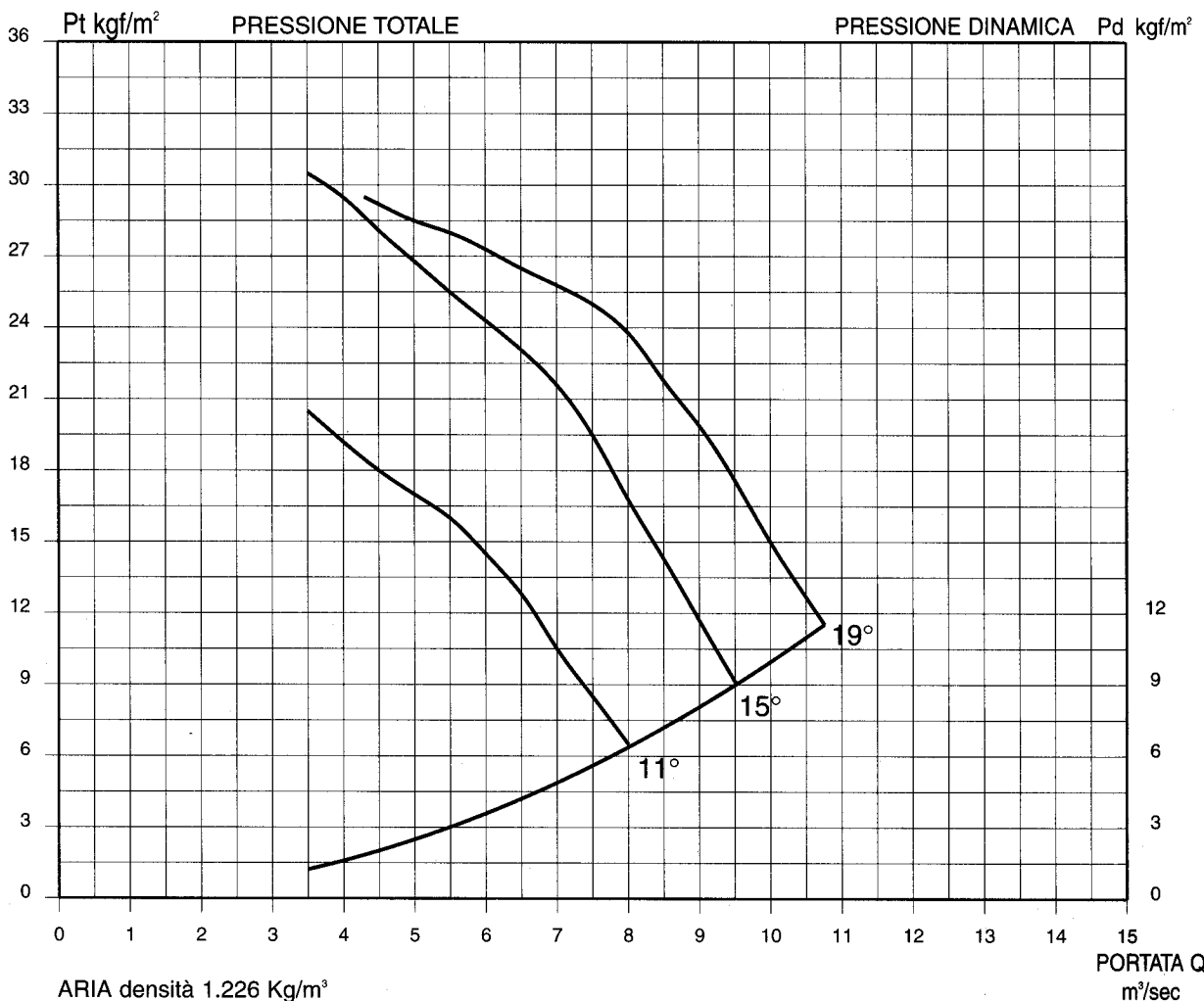
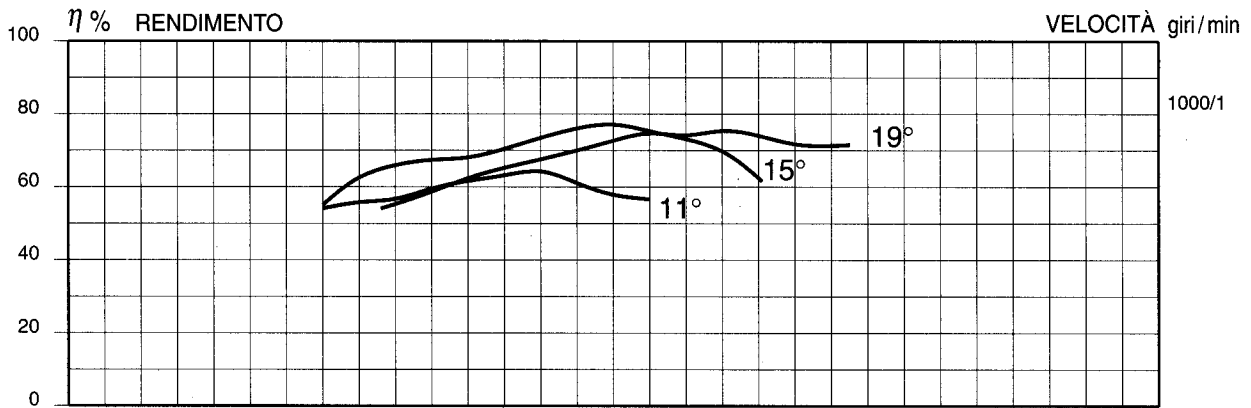
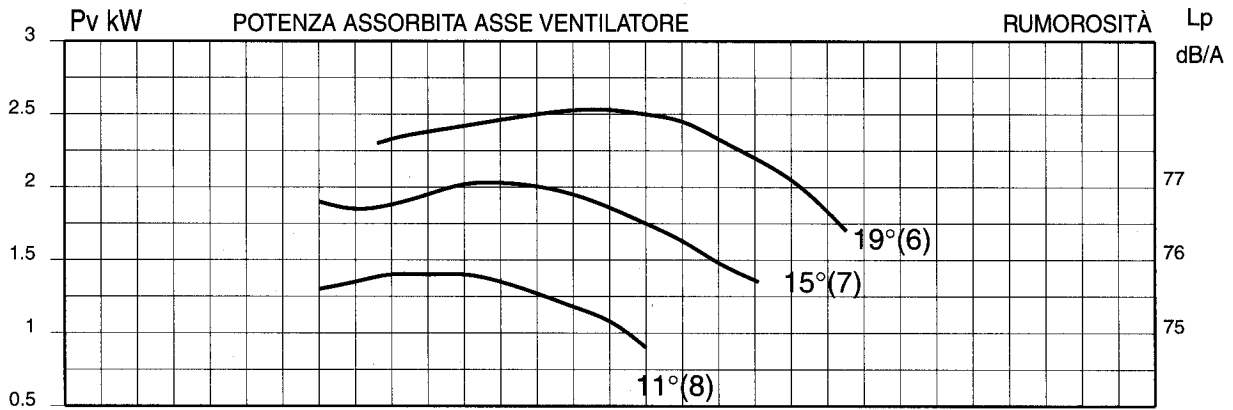
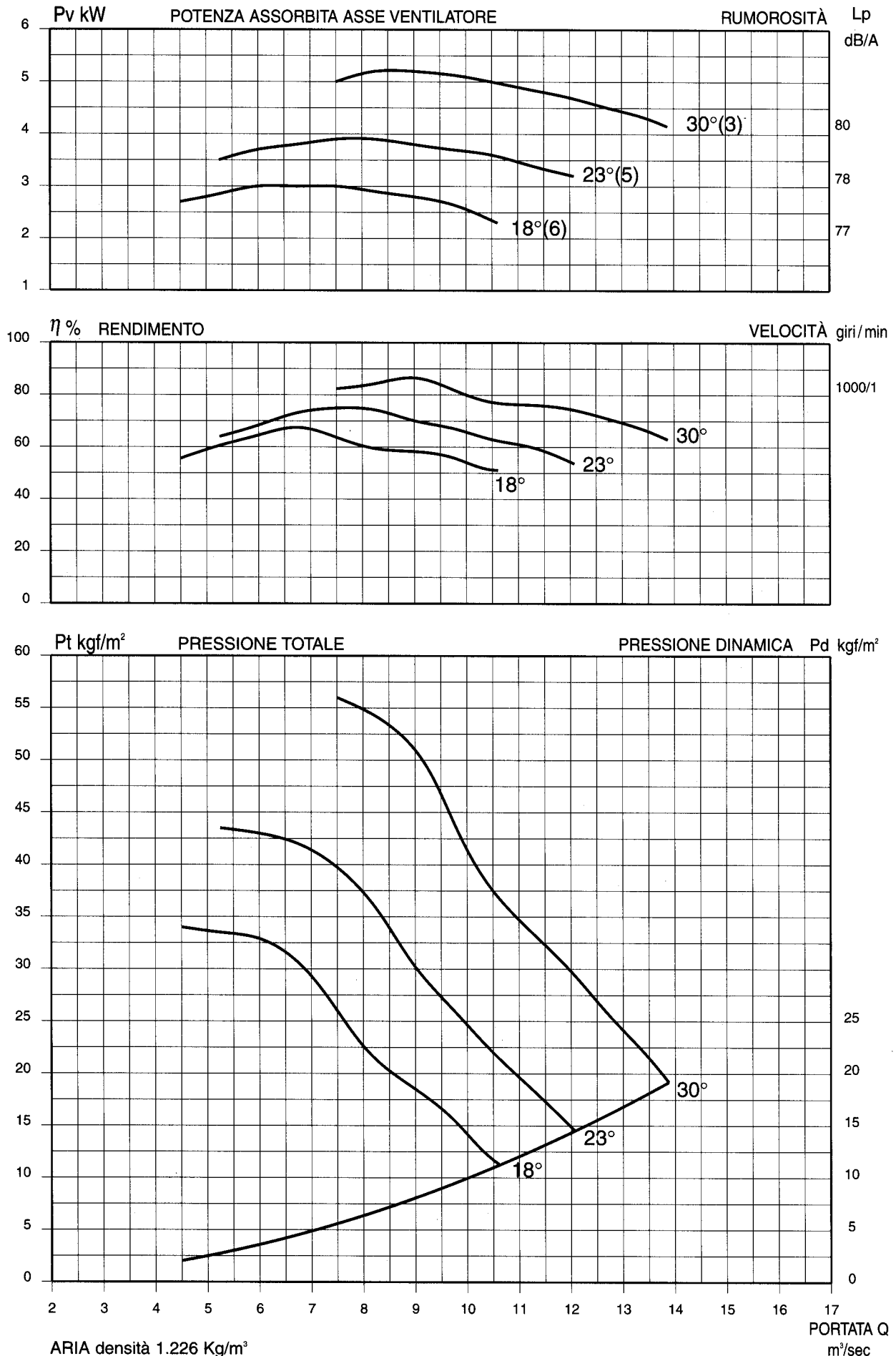
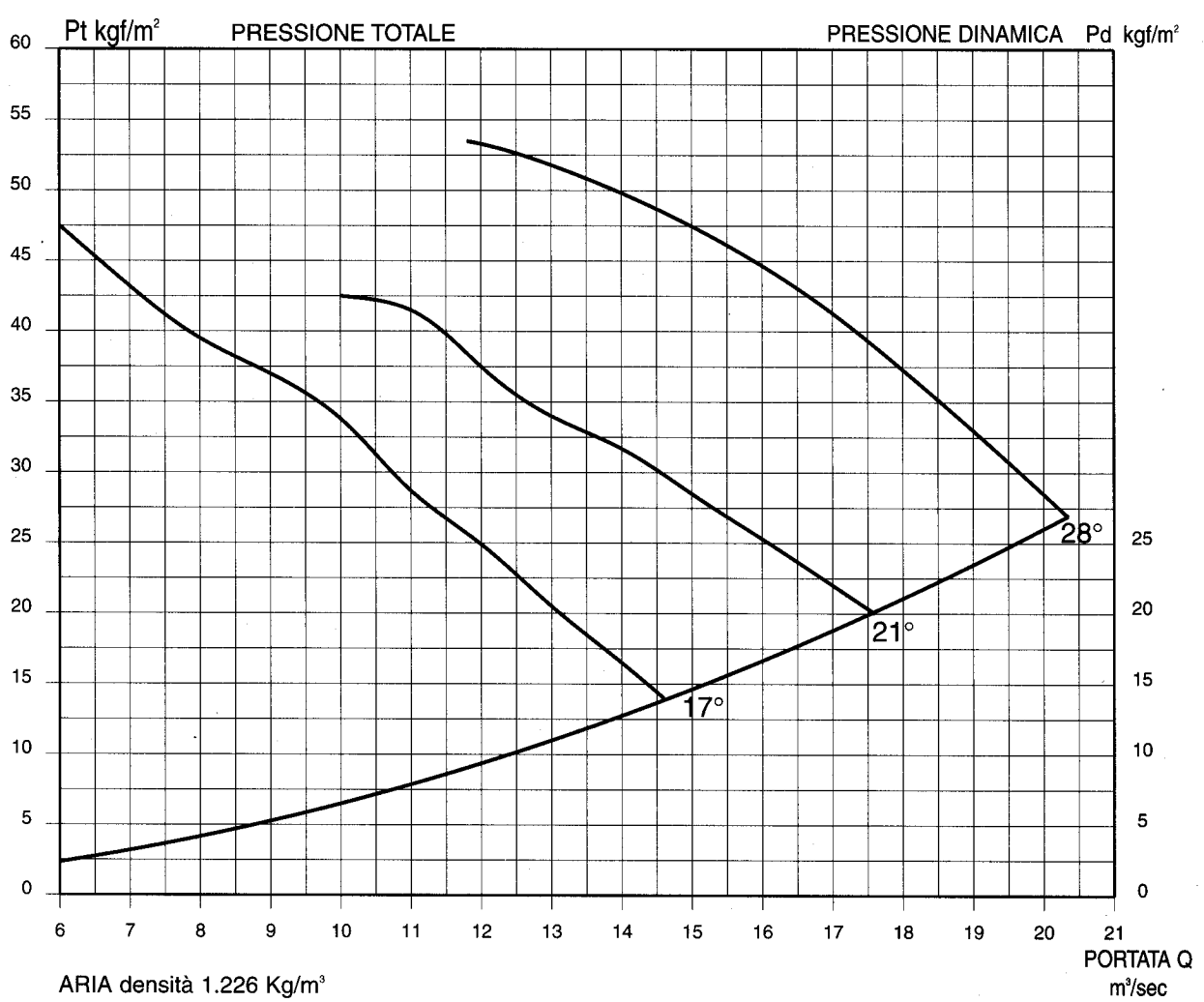
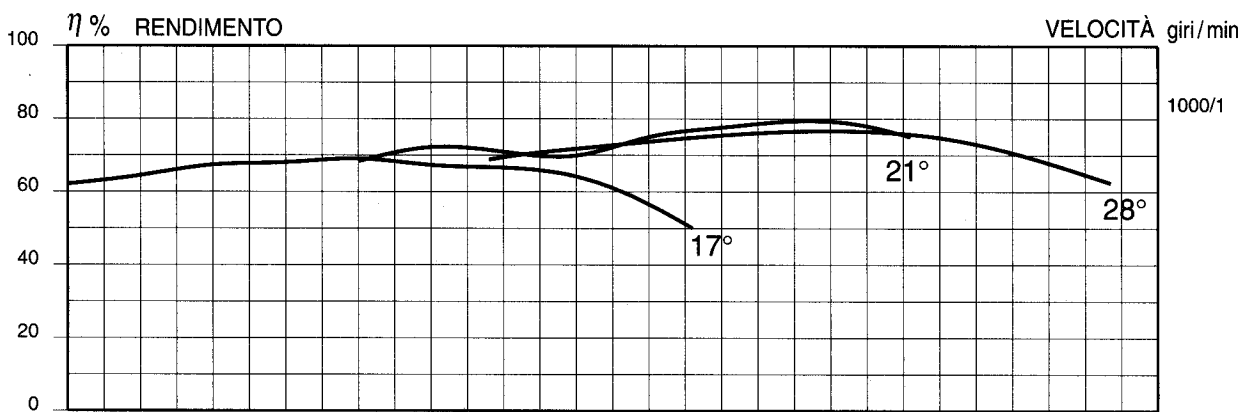
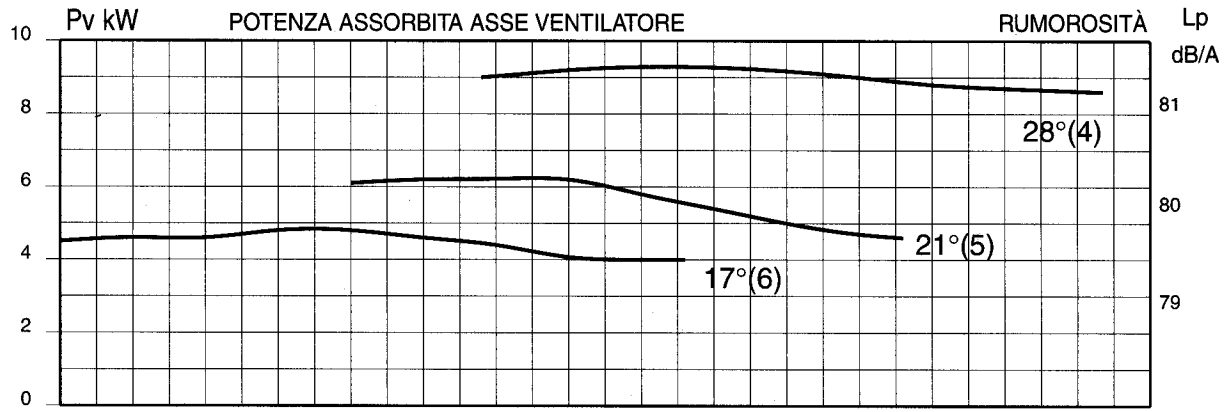




Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm



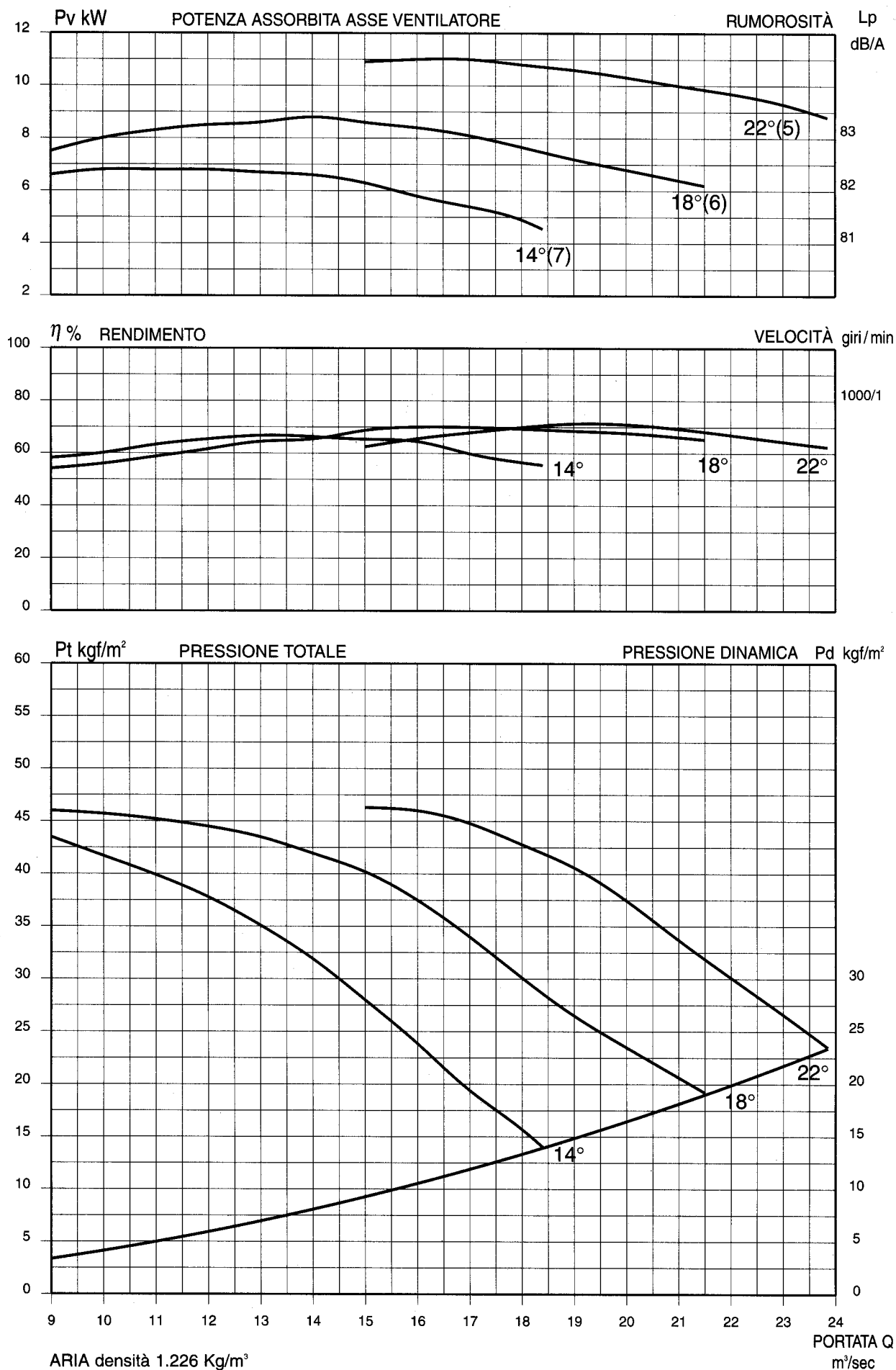


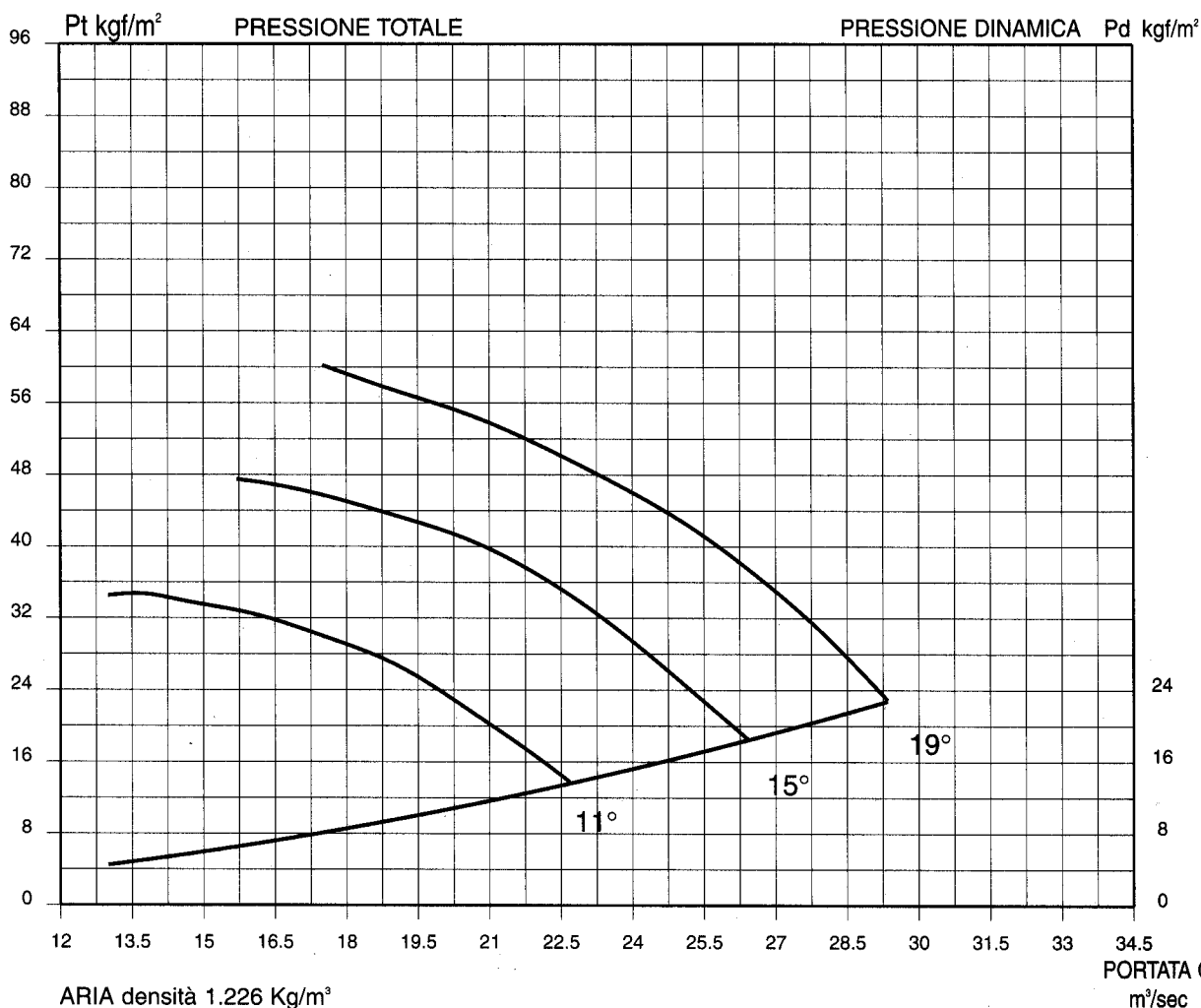
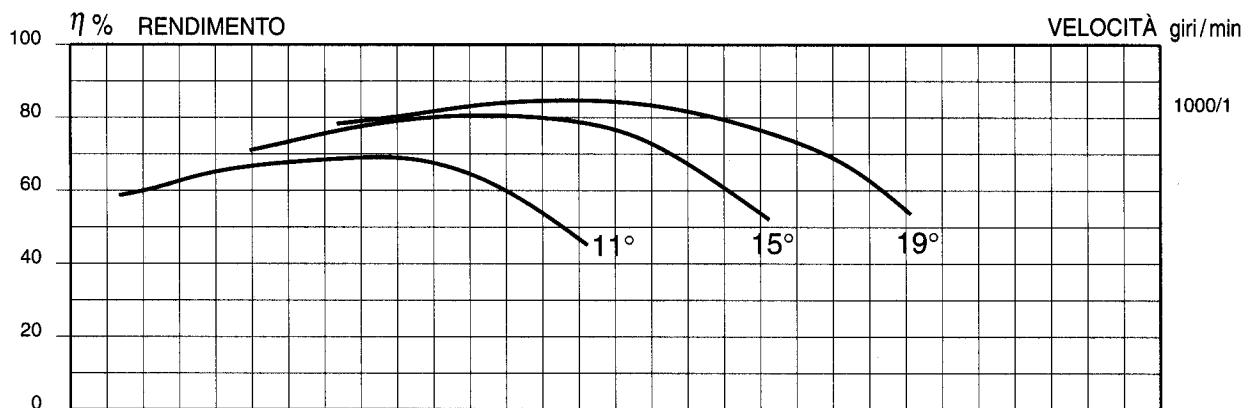
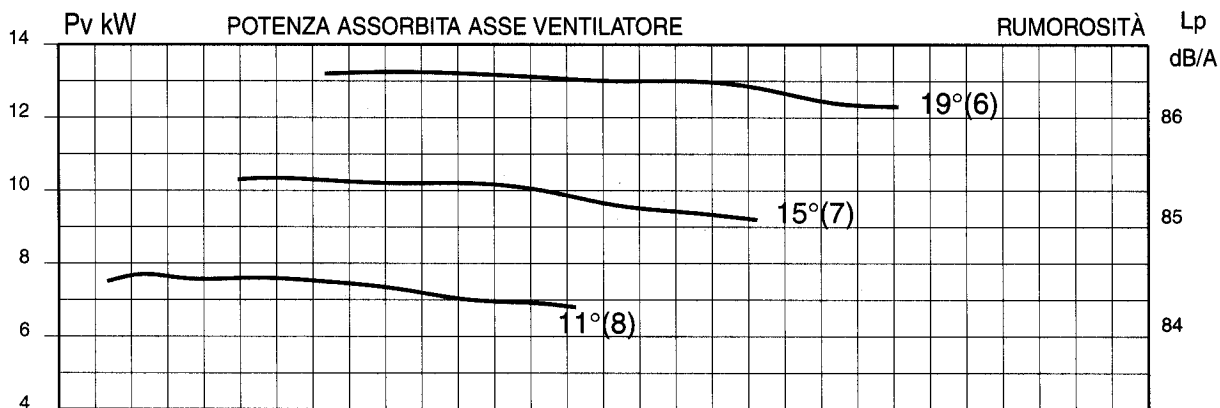
ARIA densità 1.226 Kg/m³

PORTATA Q m³/sec



Diagramma di funzionamento in PREMENTE - Diametro girante 1250 mm





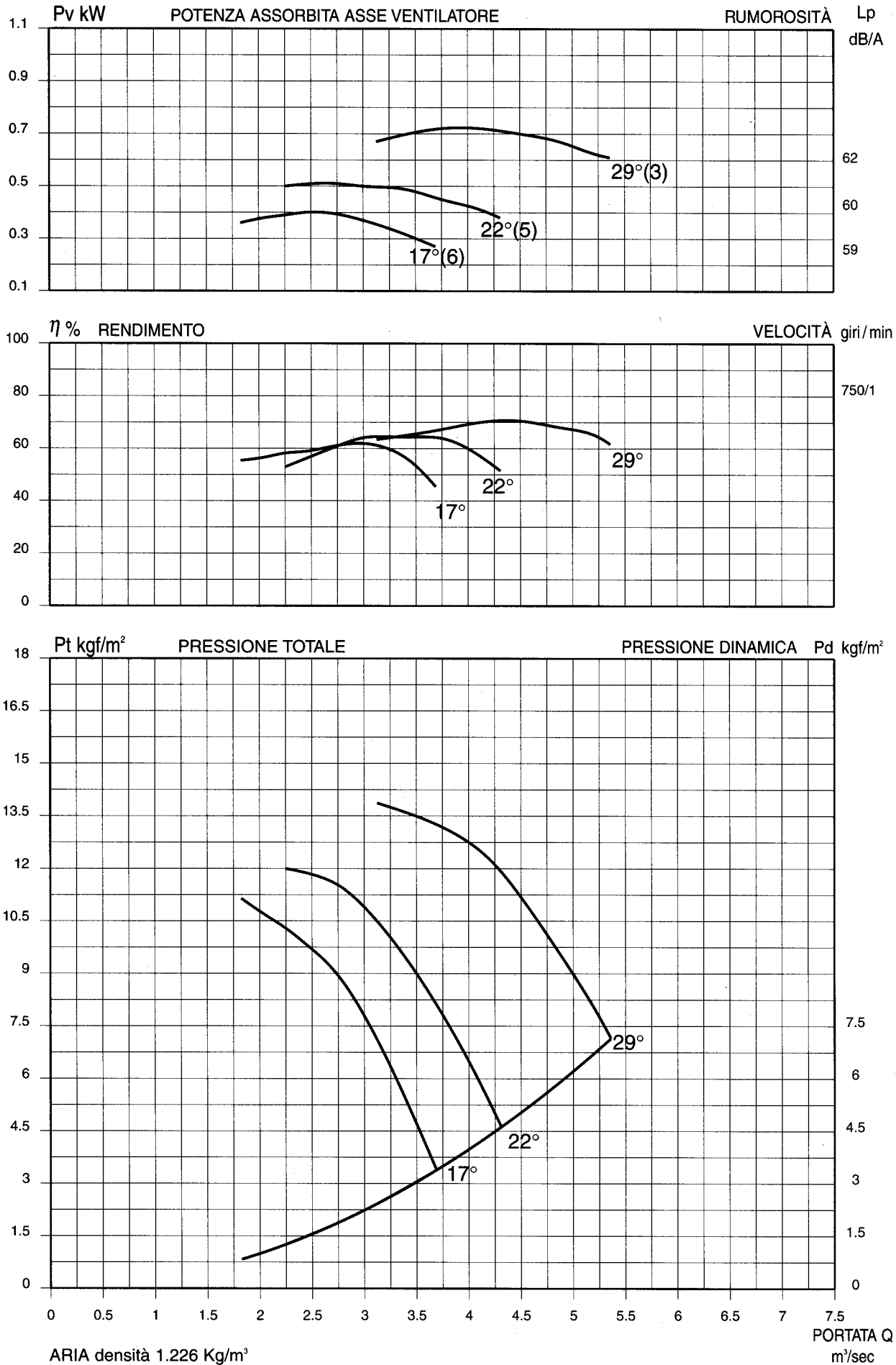
ARIA densità 1.226 Kg/m³

PORTATA Q
m³/sec

ELVE ES 806-805-803/G 4A/A

Potenza installata 0.37-0.55-0.75 kW

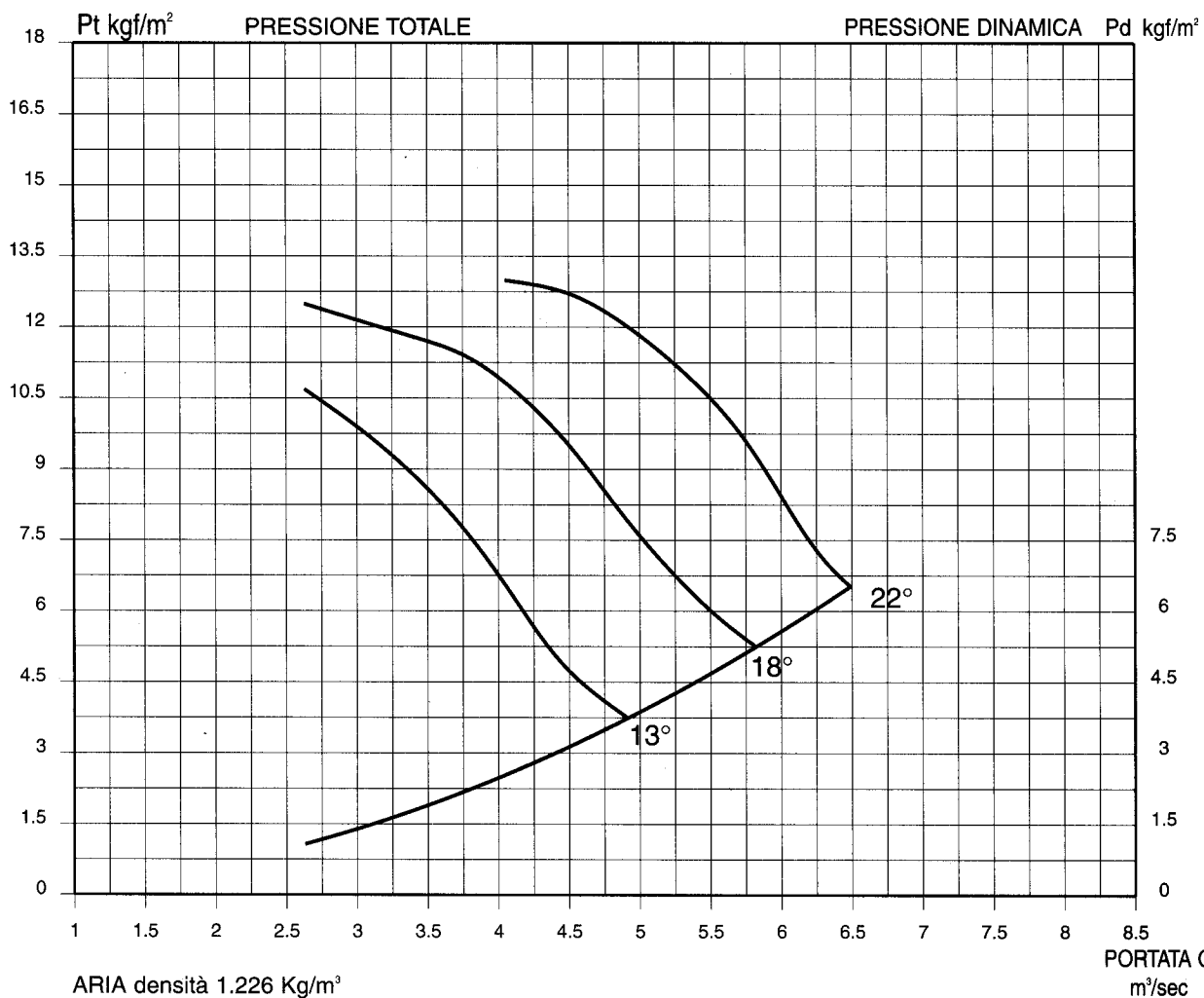
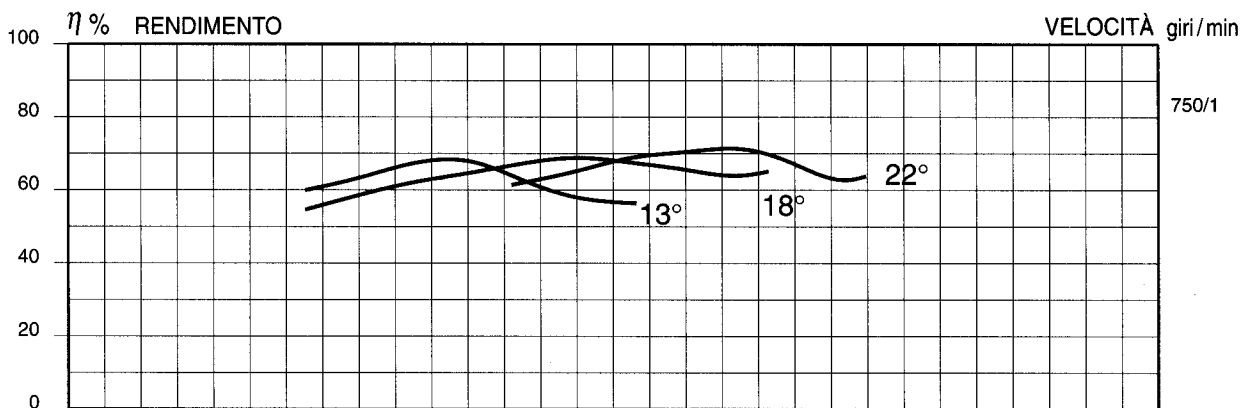
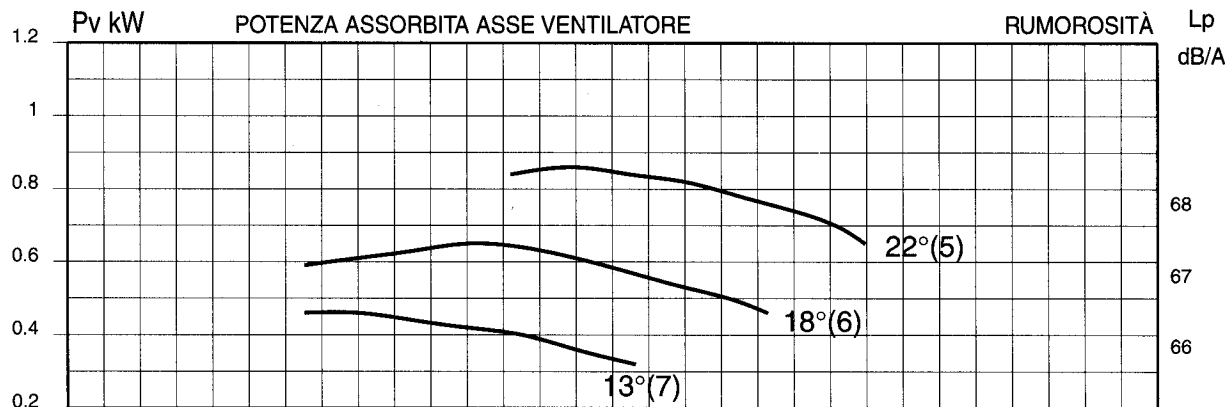
Diagramma di funzionamento in PREMENTE - Diametro girante 800 mm



ELVE ES 907-906-905/F 4A/A

Potenza installata 0.55-0.75-1.1 kW

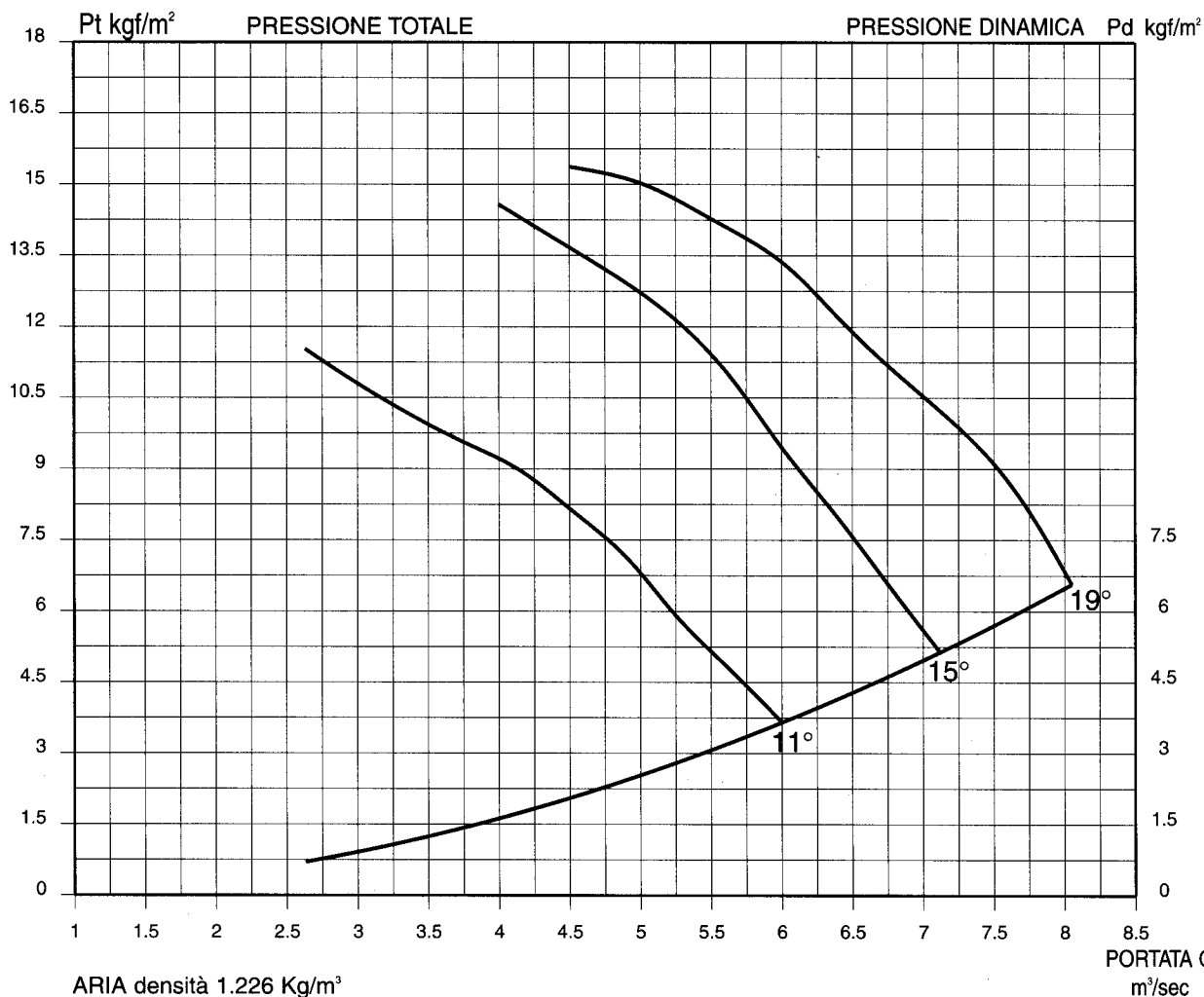
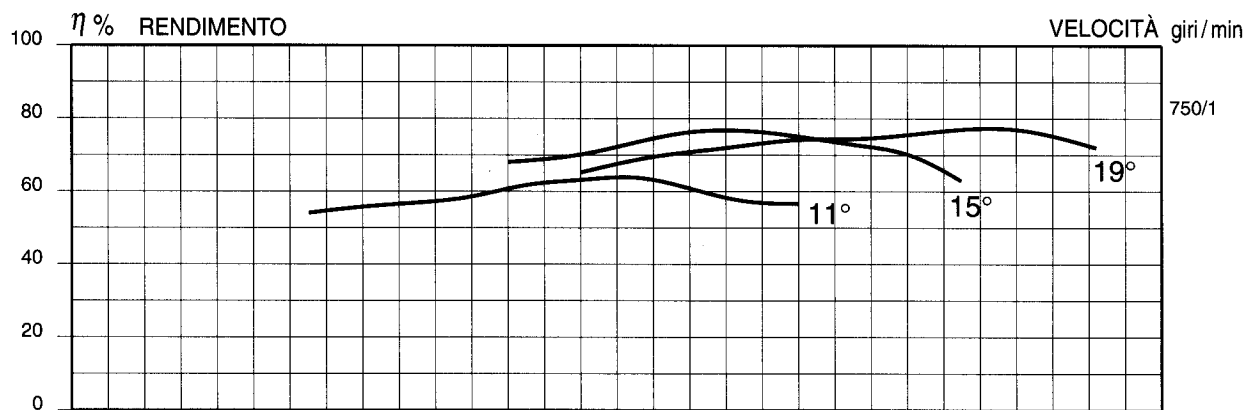
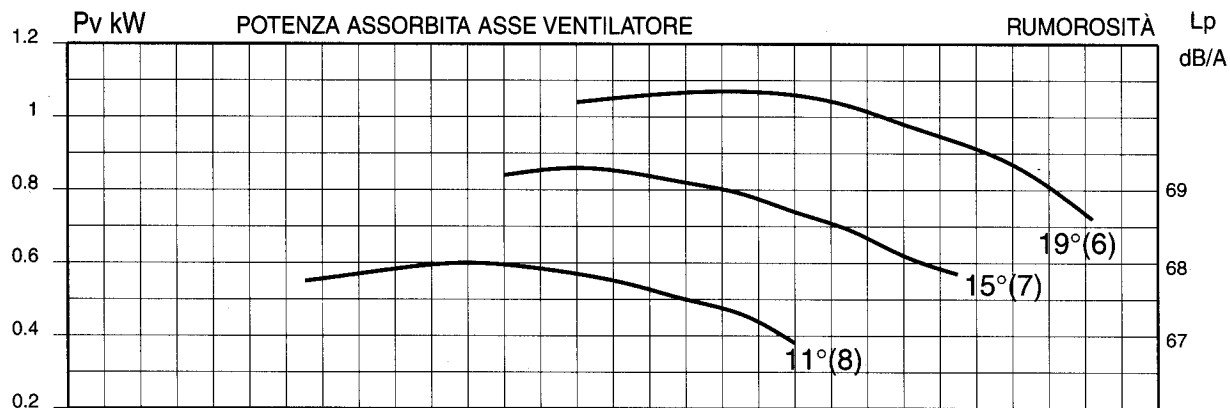
Diagramma di funzionamento in PREMENTE - Diametro girante 900 mm



ELVE ES 1008-1007-1006/E 4A/A

Potenza installata 0.75-1.1-1.5 kW

Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm



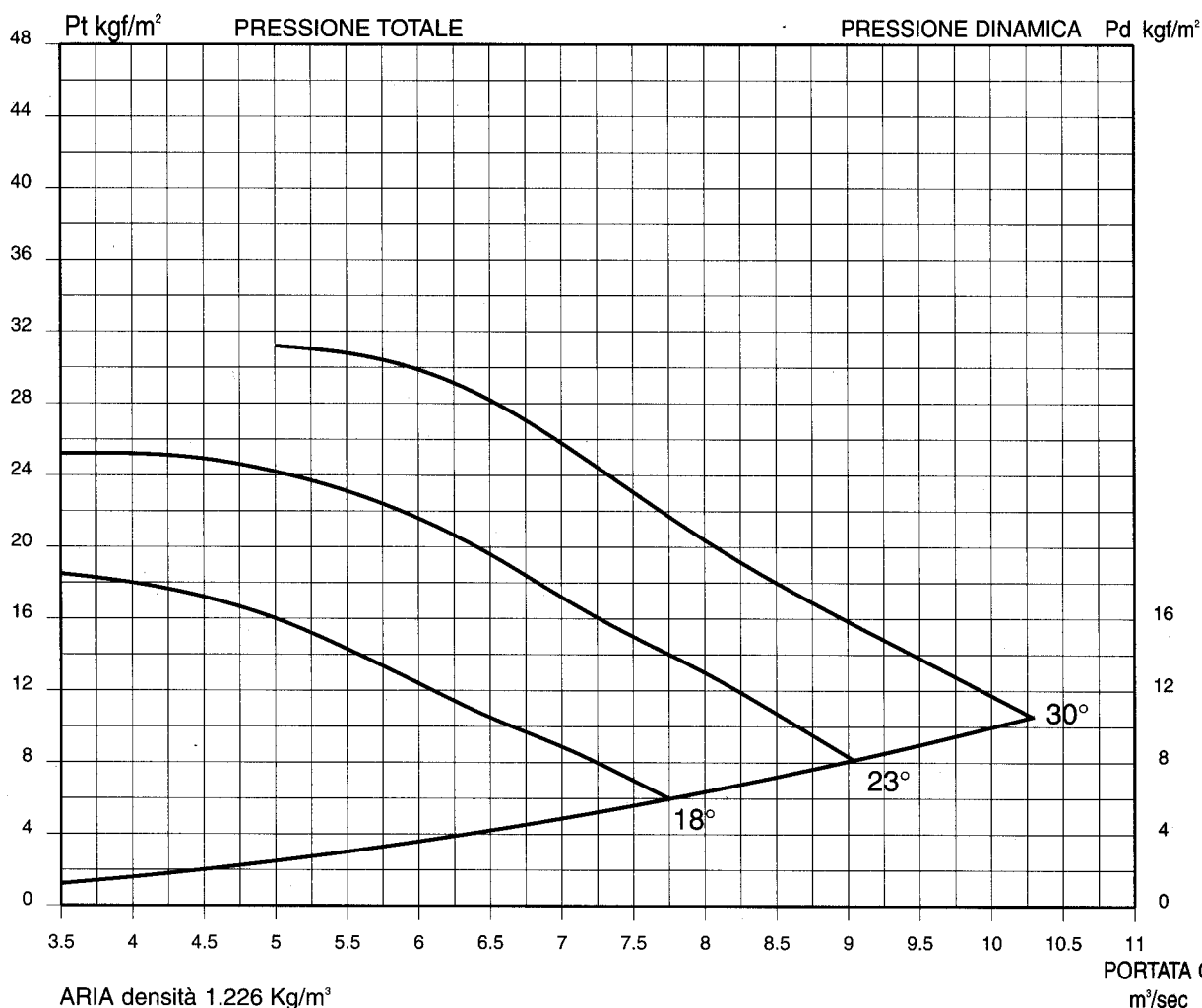
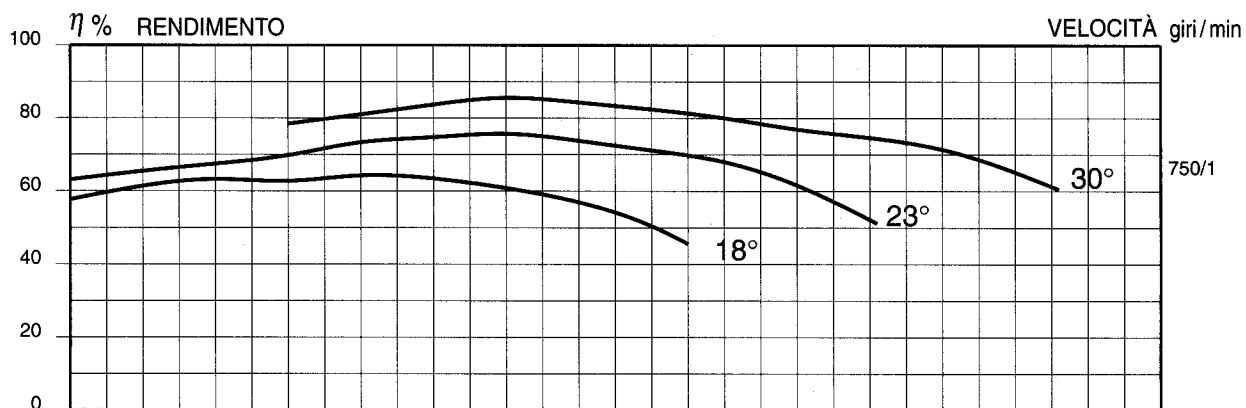
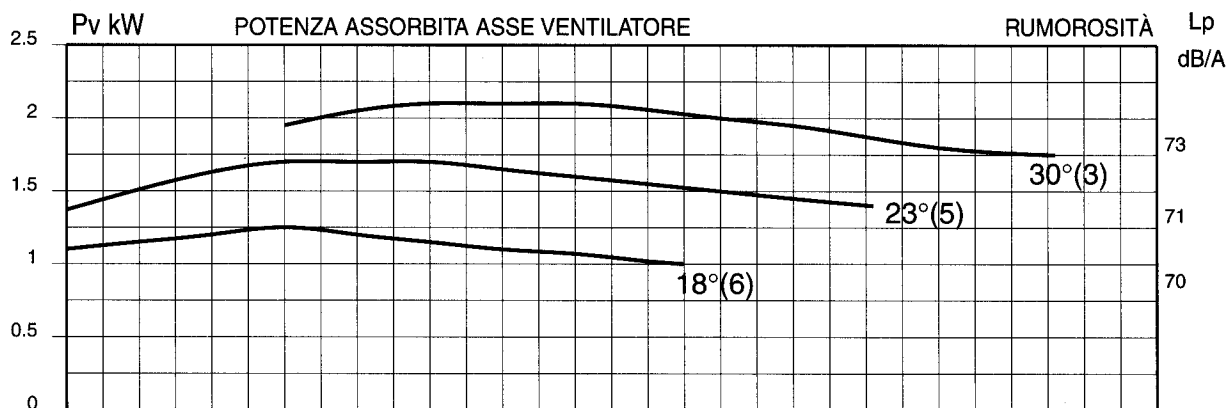




Diagramma di funzionamento in PREMENTE - Diametro girante 1120 mm

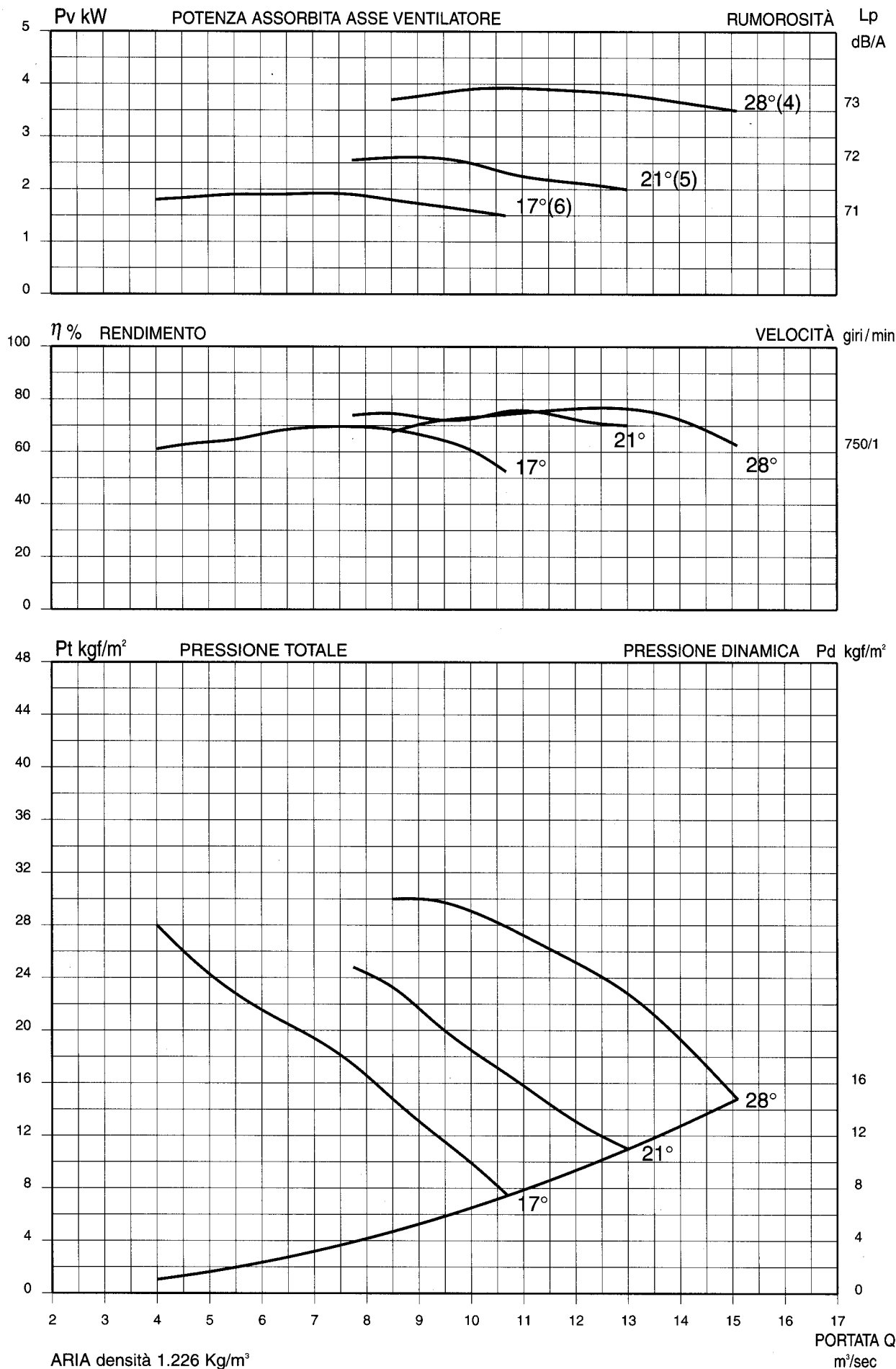




Diagramma di funzionamento in PREMENTE - Diametro girante 1250 mm

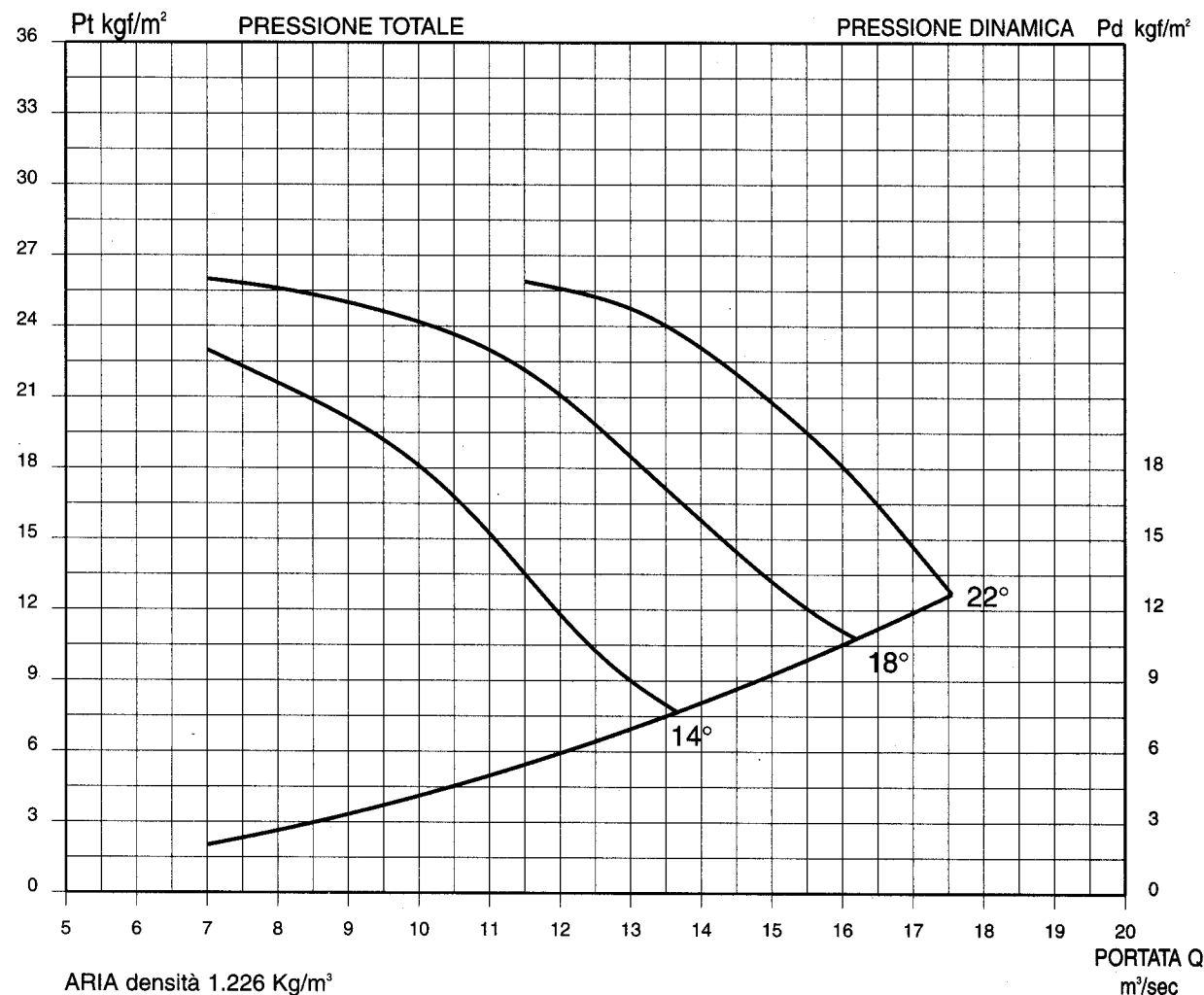
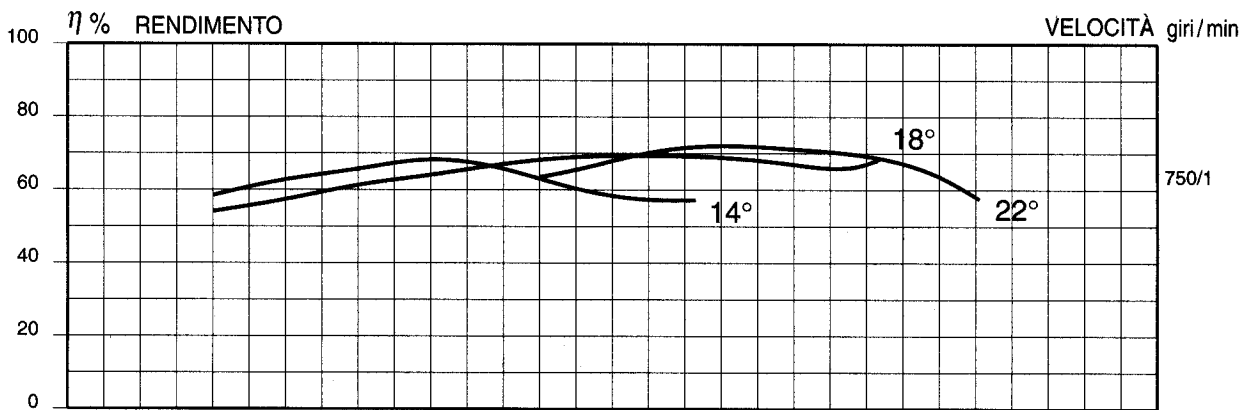
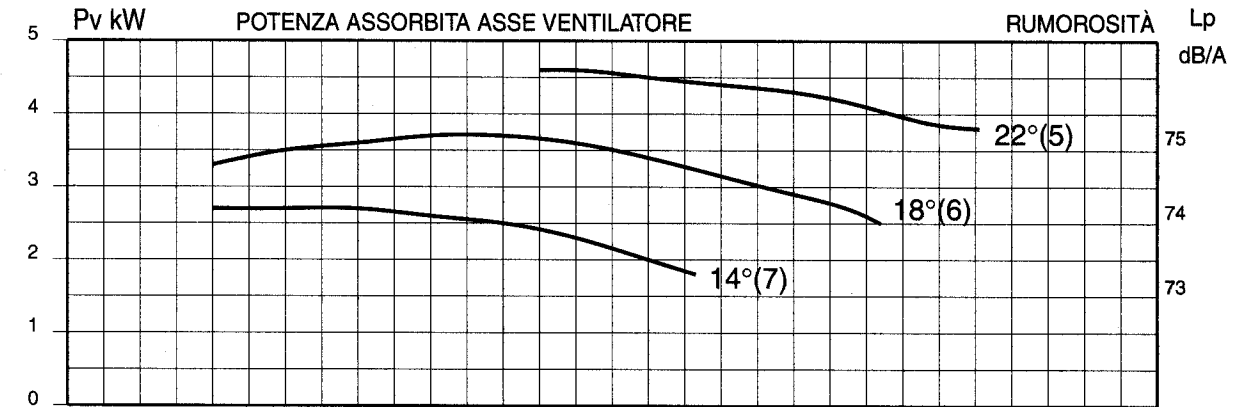




Diagramma di funzionamento in PREMENTE - Diametro girante 1400 mm

