



IMPIEGO. La forma costruttiva di questi ventilatori dotati di ampio boccaglio in aspirazione consente di superare gli odierni problemi di rumorosità negli ambienti industriali di lavoro. Vengono particolarmente usati per l'aspirazione di aria polverosa ed umida, fumes di vapori e di combustione (centrali termiche, fonderie, falegnamerie, cartiere, essiccatoi, industrie chimiche, ceramiche e marmistiche). Trovano impiego nelle applicazioni per radiatori, aerotermini, torri di raffreddamento e nella ventilazione per la dispersione del calore nei trasformatori. Utilissimi durante la stagione estiva in locali in cui necessitano ricambi d'aria atti a conservare un ambiente arieggiato e salutare. 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 ampio boccaglio aspirante flangia secondo norme DIN 24154. 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 le 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. This series is particularly suitable for the removal of air, fumes and gases (foundries, woodworks, paper mills, heating plants, chemical industries).

WORKING TEMPERATURE. - 20 °C + 40 °C.

CONSTRUCTION. Axial-flow fan, direct drive. The impeller is made of die-cast aluminium and has adjustable blades. The housing is made of welded sheet steel with inlet nozzle.

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), on demand the fans can be supplied with the direction from the impeller to the motor (B).

UTILISATION. La forme constructive de ces ventilateurs permet de réduire les problèmes causés par le niveau sonore. Le pavillon d'aspiration réduit le niveau sonore et augmente en même temps le rendement. Les ventilateurs de cette série sont utilisés pour l'aspiration d'air poussiéreux et humide, vapeurs, combustions (centrales thermiques, cimenteries, fonderies, menuiseries, industrie chimique, industrie du marbre, séchage etc). Pendant les mois d'été ils sont particulièrement utiles pour l'aération des endroits, et ils permettent des conditions meilleures de travail.

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

CONSTRUCTION. Accouplement direct. L'enveloppe est en tôle d'acier, avec pavillon d'aspiration et contrebride selon DIN 24154. La roue est soigneusement équilibrée dynamiquement. Elle est à haut rendement et avec un niveau sonore réduit, en aluminium, 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 Serie eignet sich besonders zur Absaugung von Reinluft, Dämpfen und Gasen - z.B.: bei Heizungsanlagen, Gießereien, Schreinereien, Papierfabriken, chemischer Industrie, Ziegel- und Holz Trocknung, Kühlerbau, Kühltürmen sowie Transformatoren.

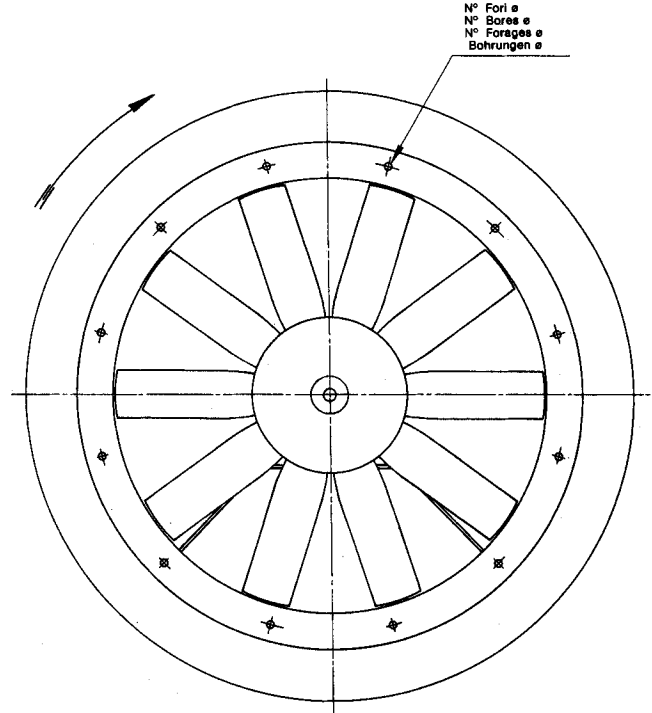
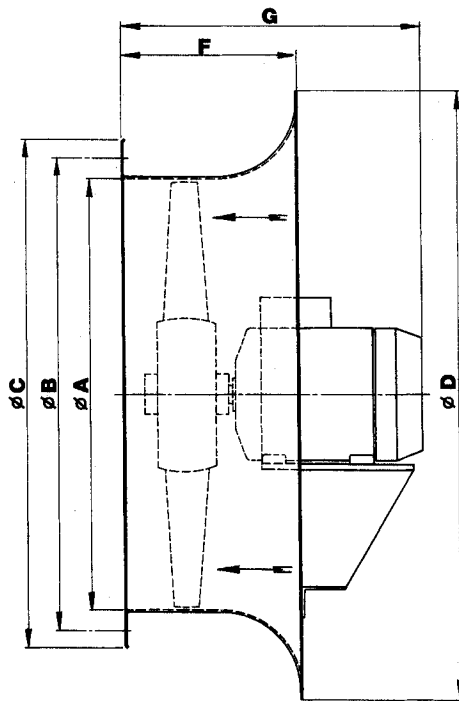
BETRIEBSTEMPERATUR. 253 K bis 313 K (-20°C - +40°C).

BAUFORM. Direktantrieb, Gehäuse aus Stahl mit serienmäßig tiefgezogener Einströmdüse sowie druckseitigem Flansch nach DIN 24154. 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.



Tipo - Type - Typ									Peso Weight Poids Gewicht	PD ² GD ²	Tipo - Type - Typ									Peso Weight Poids Gewicht	PD ² GD ²				
Ventilatore Fan Ventilateur Ventilator	Motore Motor Moteur Motor	A	B	C	D	F	G	N°	Ø	kgf	kgf·m ²	Ventilatore Fan Ventilateur Ventilator	Motore Motor Moteur Motor	A	B	C	D	F	G	N°	Ø	kgf	kgf·m ²		
ES 316/I 4A	63 B2						280			12		ES 907/F 4A	112 M4									79			
ES 314/I 4A	71 A2						315			13		ES 906/F 4A	132 SA4									500	3,75		
ES 312/I 4A	71 B2						315			14		ES 905/F 4A	132 MA4									540	103		
ES 316/I 4A	63 A4	315	366	400	464	160	280	8	10	11	0,05	ES 906/I 4A	132 MA4									540	113		
ES 314/I 4A	63 A4						280			11		ES 905/I 4A	160 M4									540	119		
ES 312/I 4A	63 A4						280			11		ES 903/I 4A	160 L4									580	147		
ES 355/H 4A	71 B2						315			15		ES 907/F 4A	90 L6									420	65		
ES 354/H 4A	80 A2						330			17		ES 906/F 4A	100 LA6	900	958	1005	1200	280				16	12	460	72
ES 352/H 4A	80 B2	355	405	440	513	170	330	8	10	19	0,07	ES 905/F 4A	112 M6									500	75		
ES 355/H 4A	63 A4						280			12		ES 906/I 4A	112 M6									450	84		
ES 354/H 4A	63 A4						280			12		ES 905/I 4A	132 SA6									500	97		
ES 352/H 4A	63 B4						280			12		ES 903/I 4A	132 MA6									540	97		
ES 406/G 4A	80 A2						330			18		ES 907/F 4A	90 L8									420	63		
ES 405/G 4A	80 B2						330			20		ES 906/F 4A	100 LA8									460	68		
ES 403/G 4A	90 S2						340			23		ES 905/F 4A	100 LB8									460	70		
ES 406/G 4A	63 A4	400	448	485	567	180	280	12	10	13	0,09	ES 1006/H 4A	160 M4									665	154		
ES 405/G 4A	63 A4						280			13		ES 1005/H 4A	160 L4									665	171		
ES 403/G 4A	63 B4						280			14		ES 1003/H 4A	180 M4									745	246		
ES 456/H 4A	90 S2						350			25		ES 1008/E 4A	100 LA6									445	77		
ES 455/H 4A	90 L2						380			28		ES 1007/E 4A	112 M6									485	80		
ES 453/H 4A	100 LA2						410			35		ES 1006/E 4A	132 SA6									485	93		
ES 456/H 4A	71 A4	450	497	535	639	190	410	12	10	17	0,22	ES 1006/H 4A	132 MA6									485	108		
ES 455/H 4A	71 B4						325			18		ES 1005/H 4A	132 MA6	1000	1067	1107	1340	280				24	12	525	108
ES 453/H 4A	80 A4						340			20		ES 1003/H 4A	132 MB6									525	116		
ES 507/G 4A	71 A4						325			21		ES 1008/E 4A	100 LA8									445	73		
ES 505/G 4A	71 B4	500	551	585	708	200	325	12	10	22		ES 1007/E 4A	100 LB8									445	75		
ES 504/G 4A	80 A4						340			24		ES 1006/E 4A	112 M8									485	77		
ES 567/H 4A	80 A4						350			29		ES 1006/H 4A	132 SA8									525	103		
ES 566/H 4A	80 B4	560	629	665	785	212	350	12	10	30	0,71	ES 1005/H 4A	132 SA8									525	103		
ES 564/H 4A	90 S4						380			33		ES 1003/H 4A	132 MA8									525	111		
ES 636/G 4A	90 S4						380			36		ES 1126/G4A	180 M4									760	263		
ES 635/G 4A	90 L4						400			39		ES 1125/G4A	180 L4									760	280		
ES 633/G 4A	100 LA4						400			46		ES 1124/G4A	200 L4									810	340		
ES 636/G 4A	71 B6	630	698	735	871	212	400	12	10	30	0,96	ES 1126/G4A	132 MB6									580	149		
ES 635/G 4A	80 A6						340			40		ES 1125/G4A	160 M6	1120	1200	1248	1490	315				24	12	680	171
ES 633/G 4A	80 B6						350			31		ES 1124/G4A	160 L6									680	197		
ES 716/H 4A	100 LA4						440			56		ES 1126/G4A	132 SA8									580	136		
ES 715/H 4A	100 LB4						440			58		ES 1125/G4A	132 MA8									580	144		
ES 713/H 4A	112 M4	710	775	815	968	224	470	16	12	63	2,12	ES 1124/G4A	160 MR8									680	156		
ES 716/H 4A	90 S6						360			43		ES 1257/F 4A	160 M6									695	191		
ES 715/H 4A	90 L6						385			47		ES 1256/F 4A	160 L6									695	217		
ES 713/H 4A	100 LA6						410			50		ES 1255/F 4A	180 L6	1250	1337	1380	1670	355				24	12	775	288
ES 806/G 4A	100 LB4						460			65		ES 1257/F 4A	132 MA8									555	164		
ES 805/G 4A	112 M4						490			70		ES 1256/F 4A	160 MR8									695	176		
ES 803/G 4A	132 SA4						500			83		ES 1255/F 4A	160 M8									695	185		
ES 806/G 4A	90 L6						410			57		ES 1408/E 4A	160 L6									710	255		
ES 805/G 4A	100 LA6	800	861	905	1077	250	460	16	12	63	2,80	ES 1407/E 4A	160 L6									790	326		
ES 803/G 4A	112 M6						490			66		ES 1406/E 4A	180 L6	1400	1491	1540	1870	400				32	12	840	376
ES 806/G 4A	90 S8						385			52		ES 1408/E 4A	160 MR8									710	214		
ES 805/G 4A	90 L8						410			55		ES 1407/E 4A	160 M8									710	223		
ES 803/G 4A	100 LA8						460			59		ES 1406/E 4A	160 L8									710	244		

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

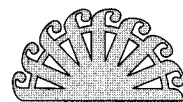
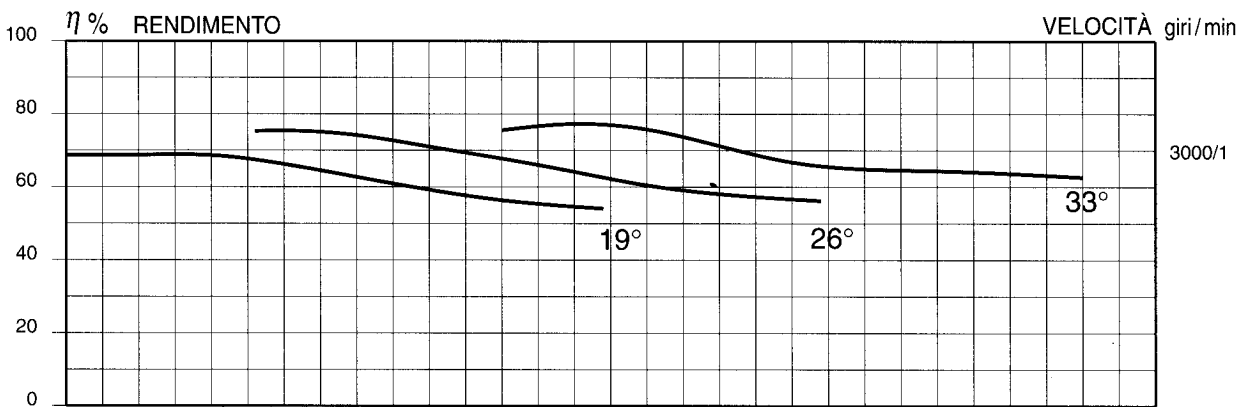
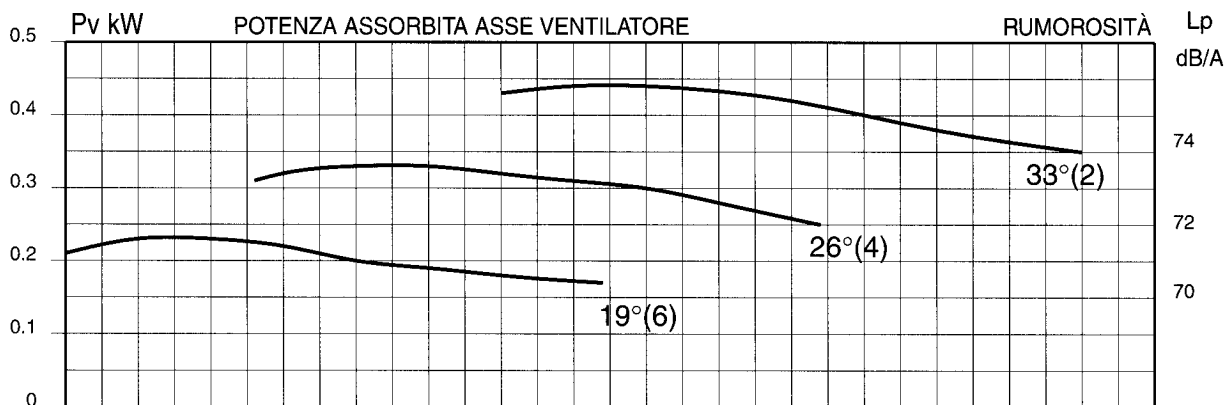


Diagramma di funzionamento in PREMENTE - Diametro girante 315 mm



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

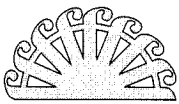
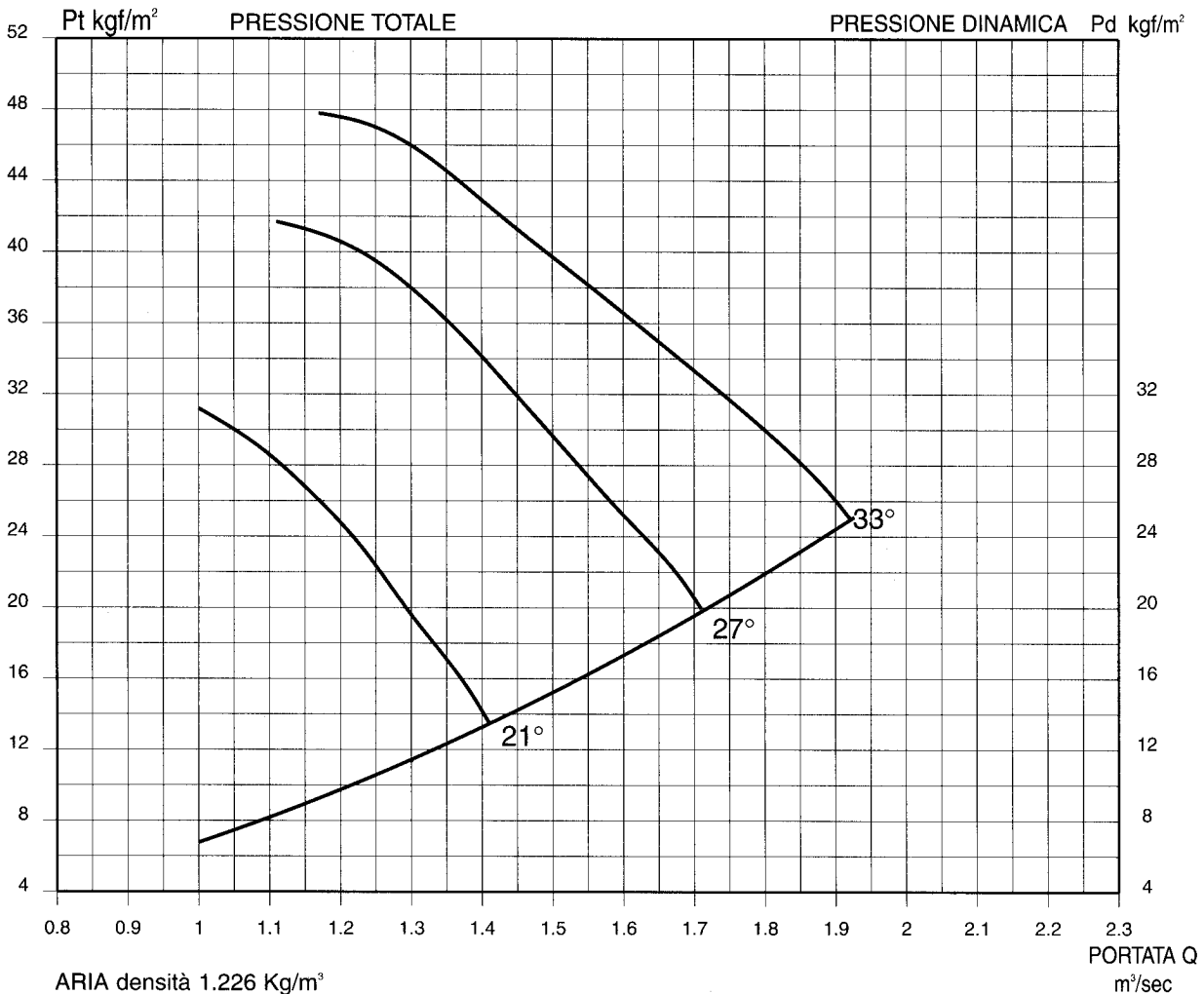
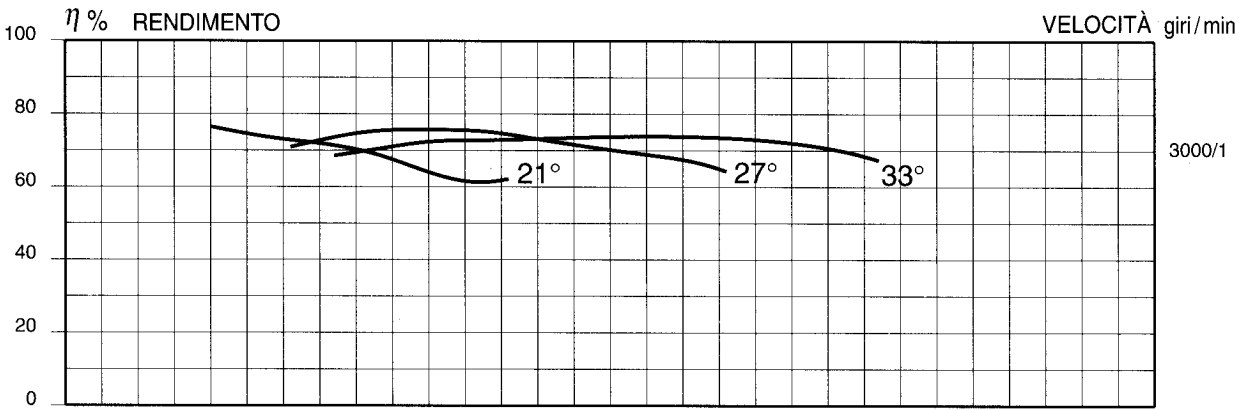
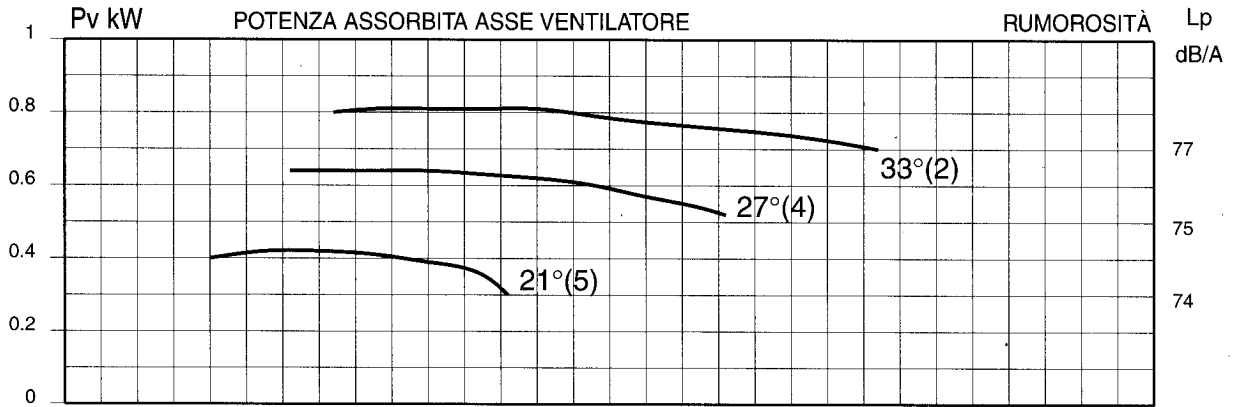
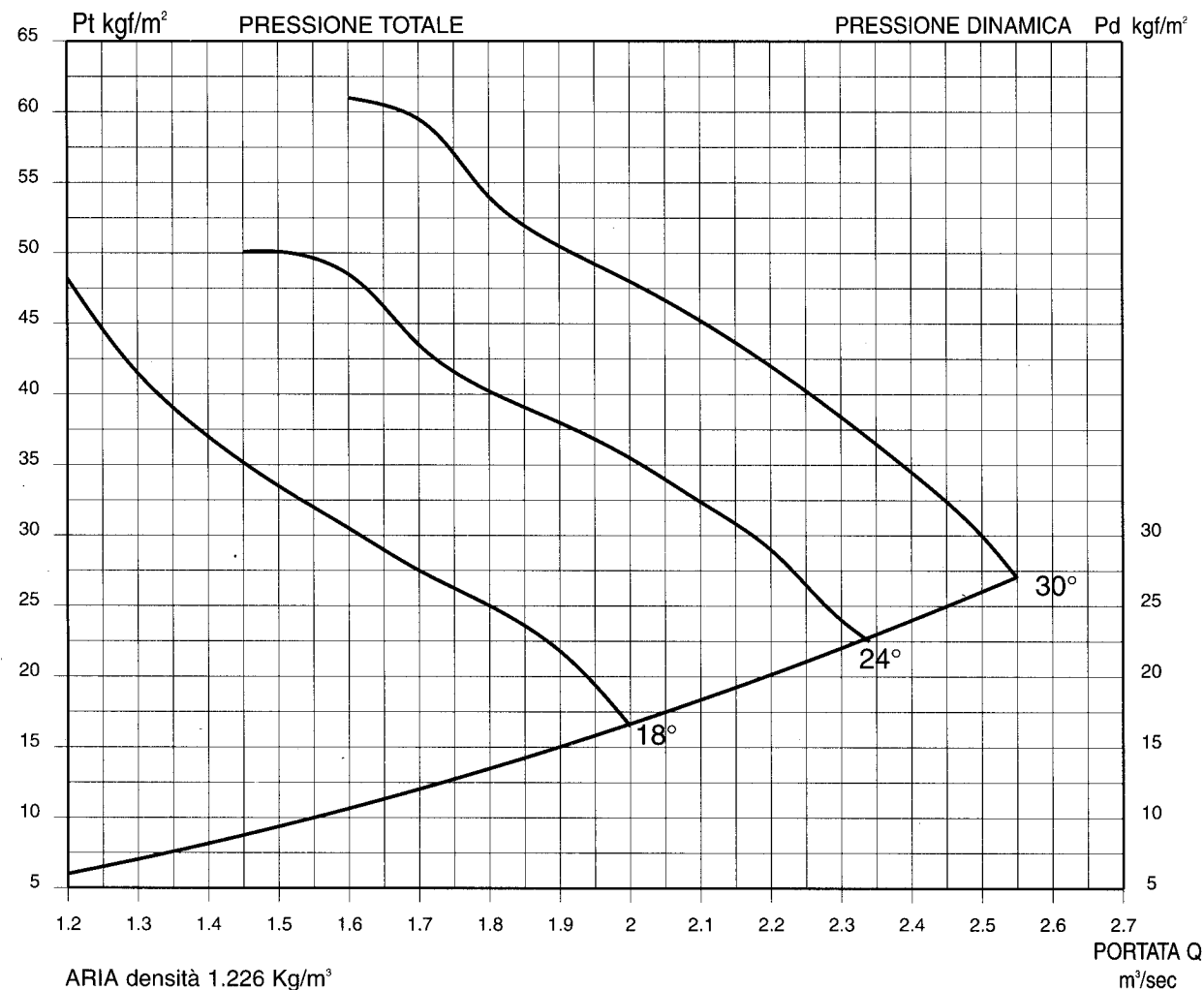
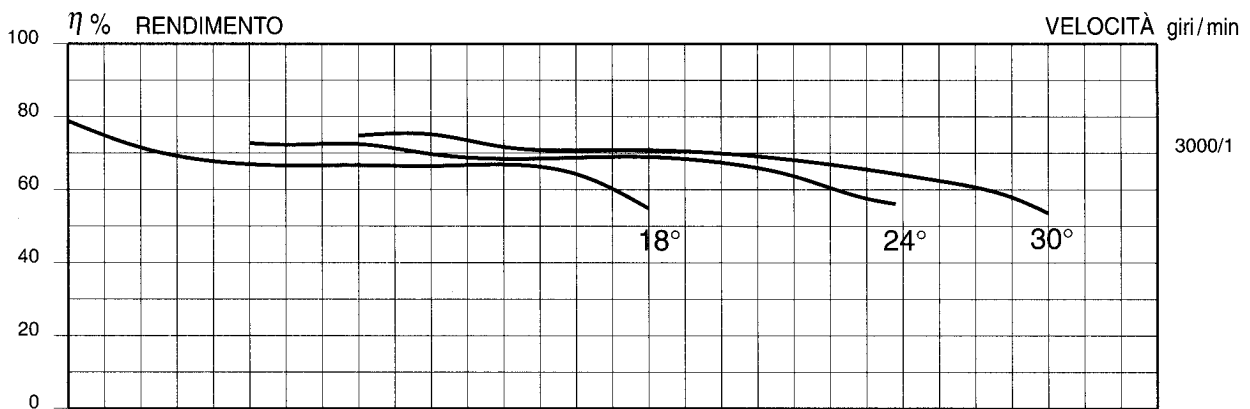
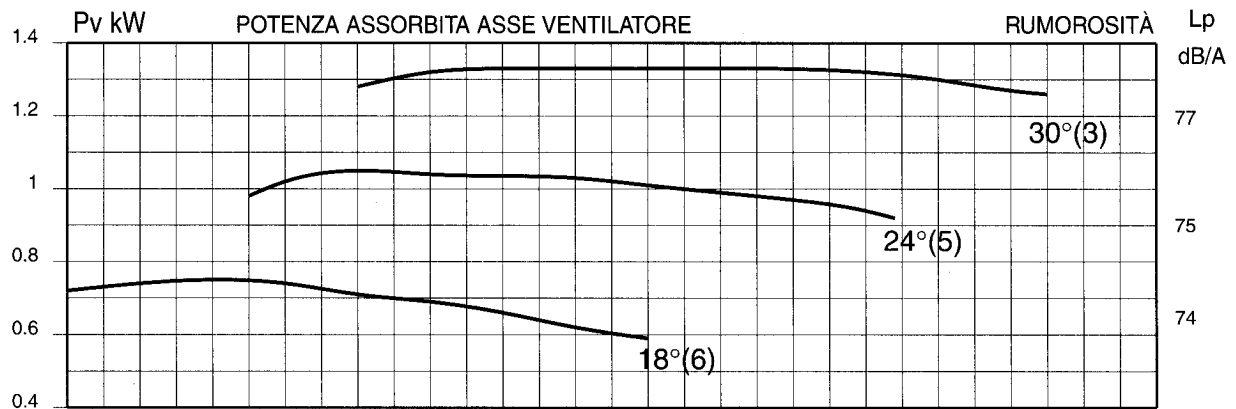


Diagramma di funzionamento in PREMENTE - Diametro girante 355 mm





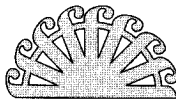
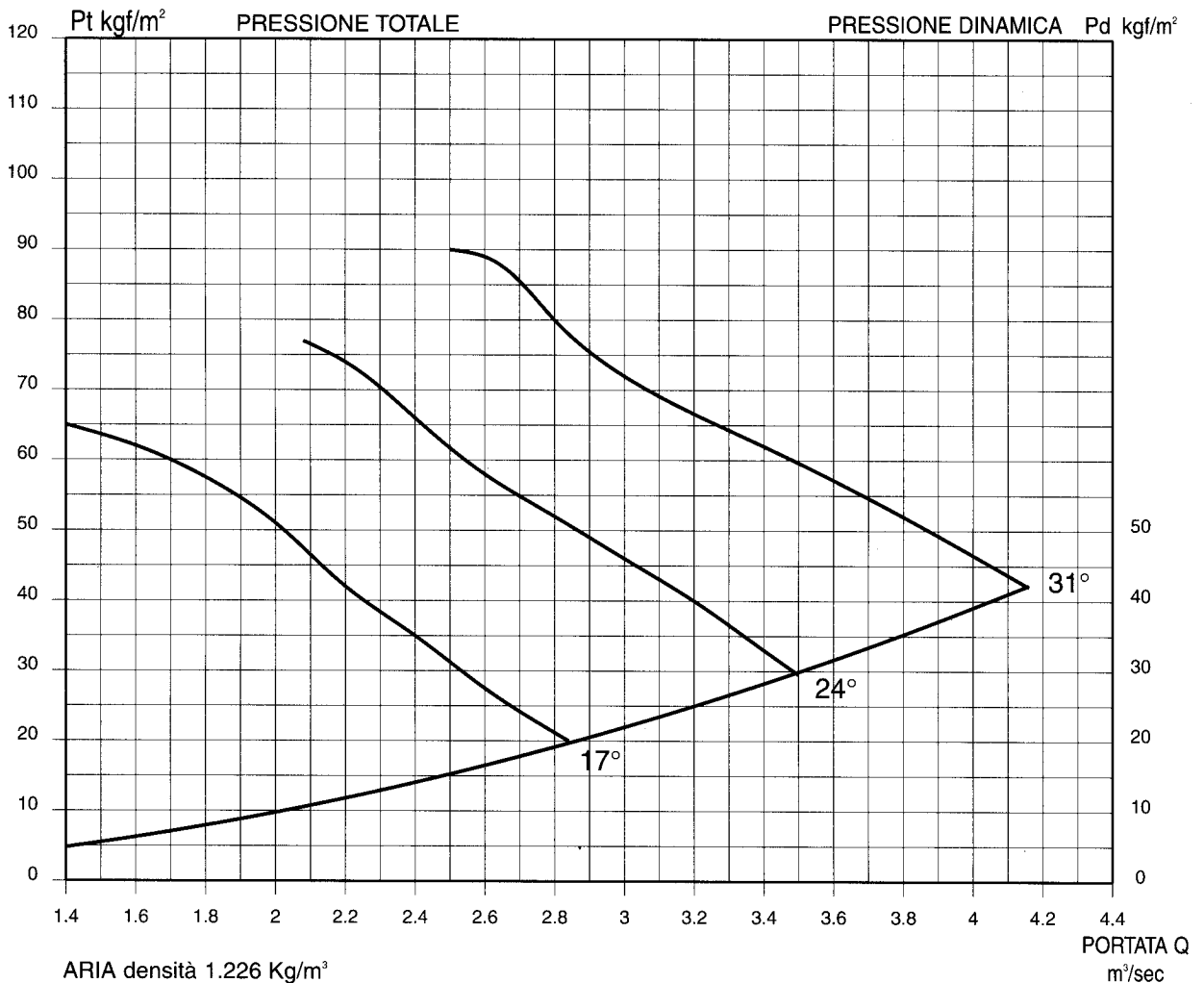
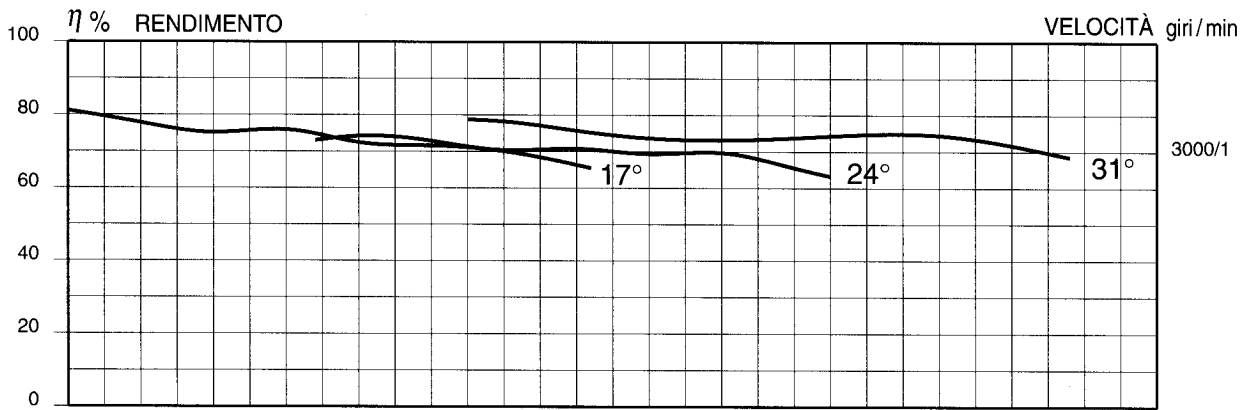
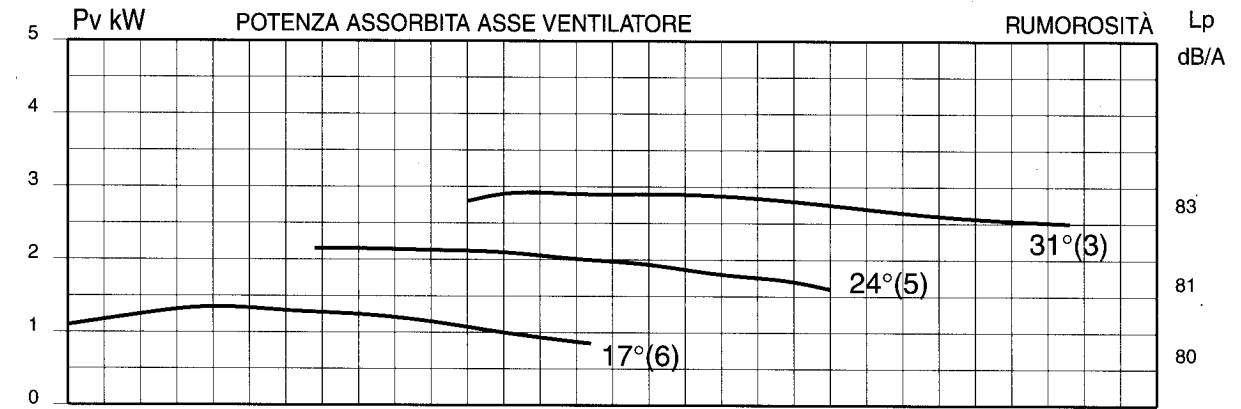


Diagramma di funzionamento in PREMENTE - Diametro girante 450 mm

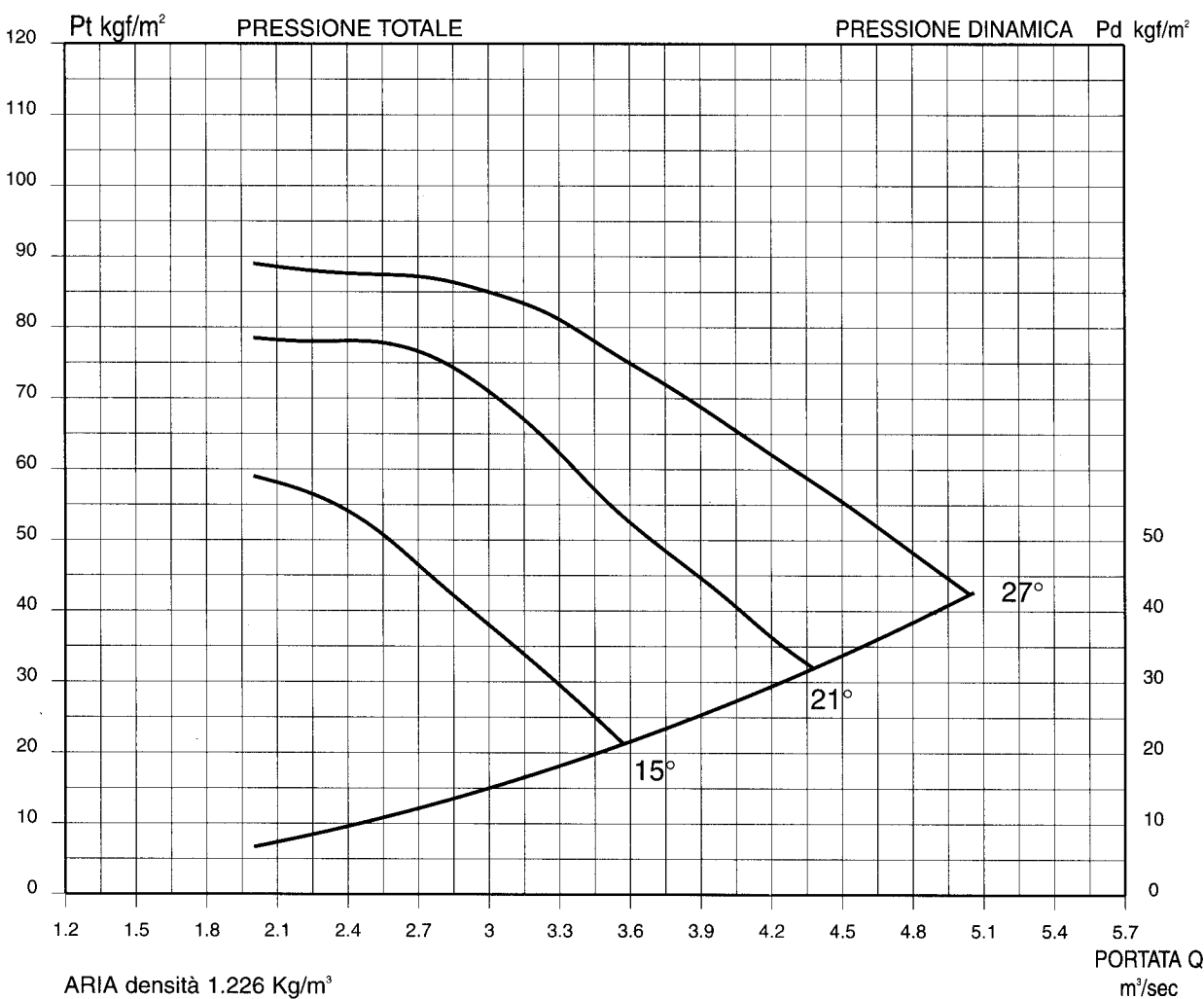
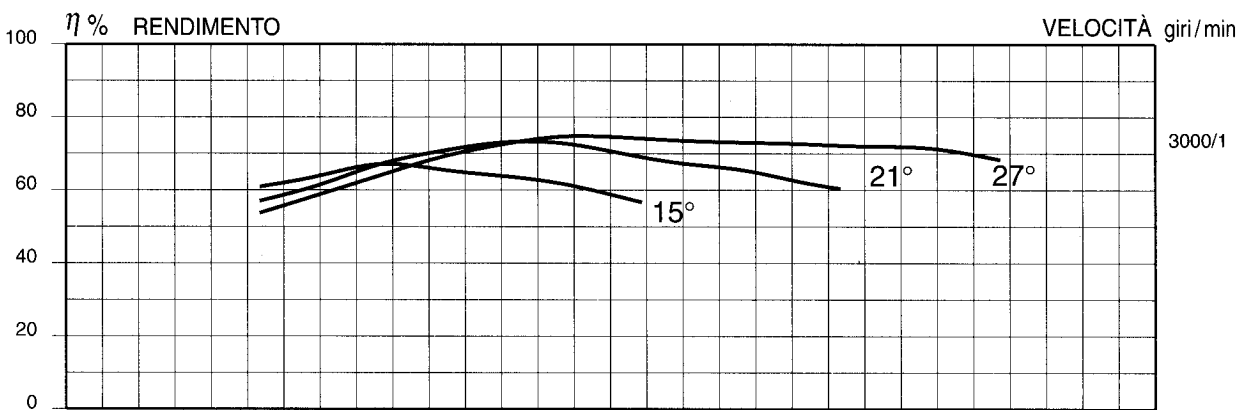
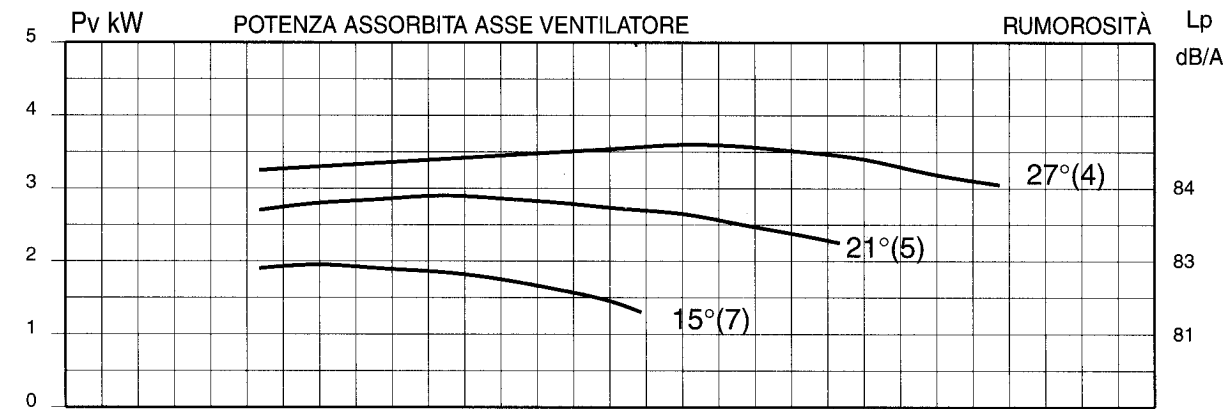


ARIA densità 1.226 Kg/m³

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

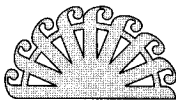
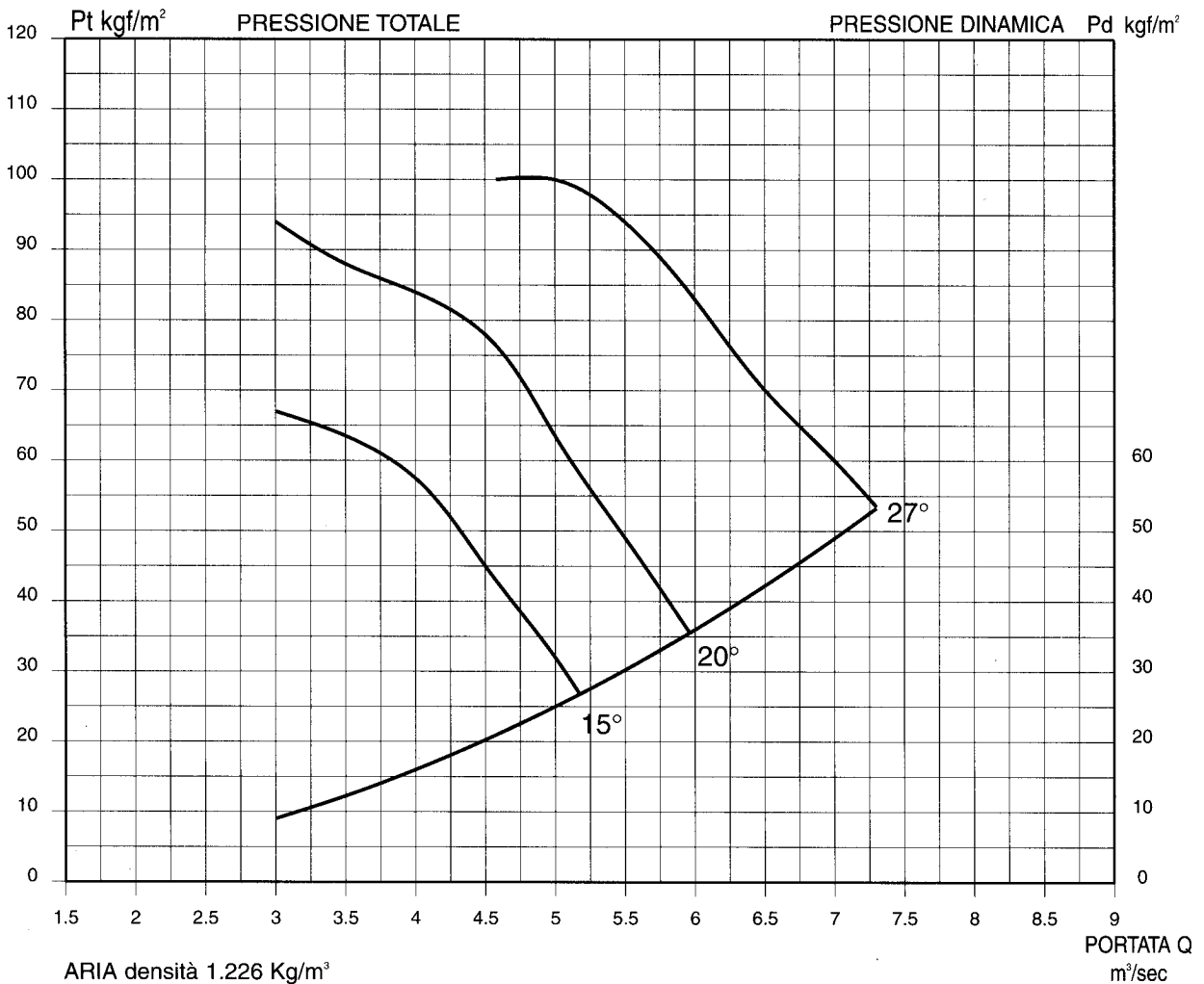
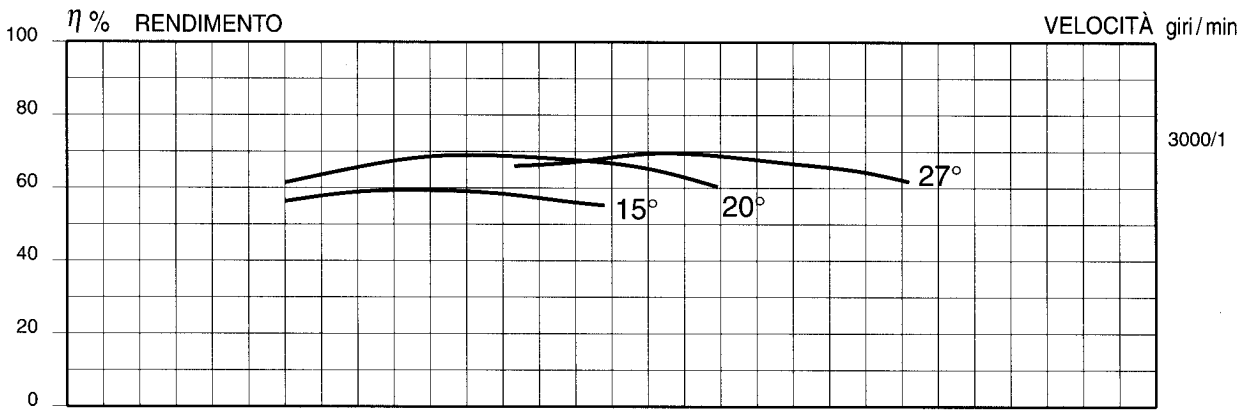
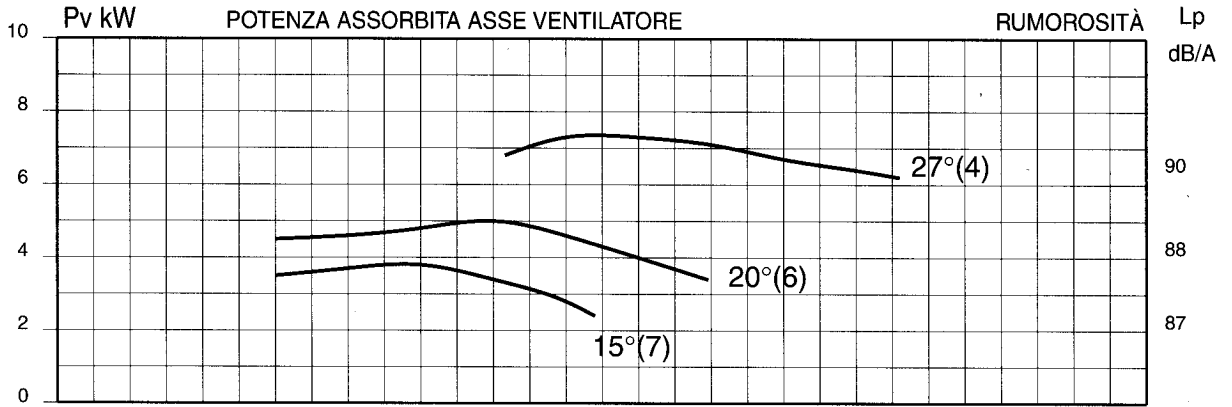


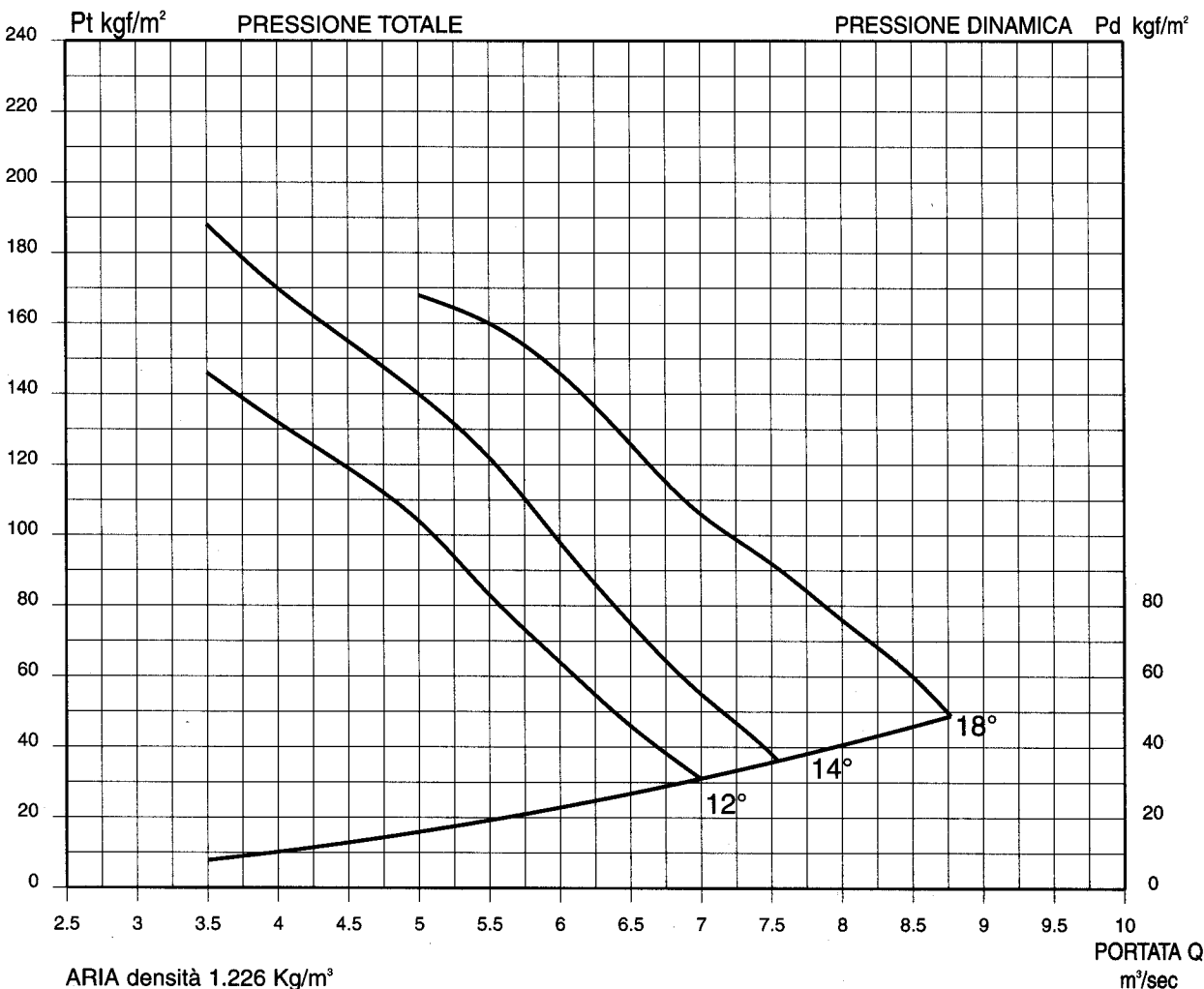
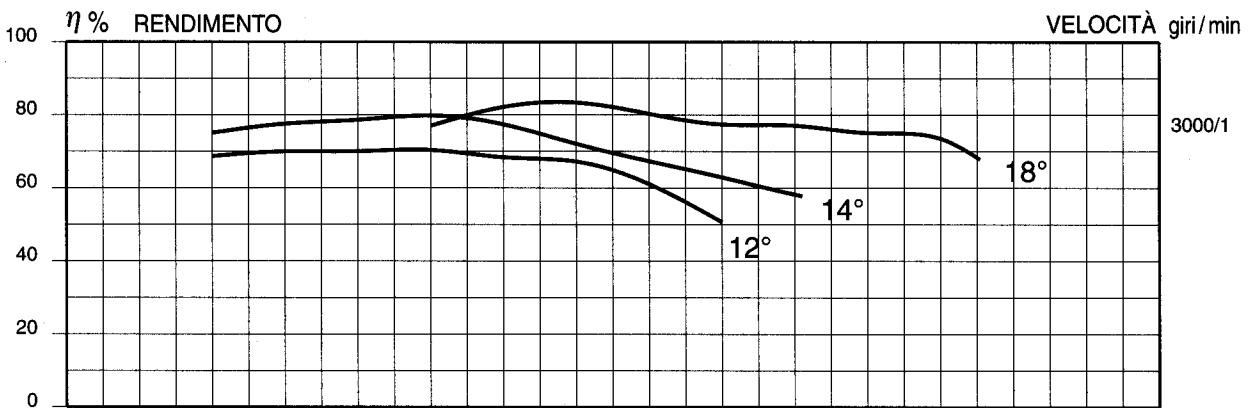
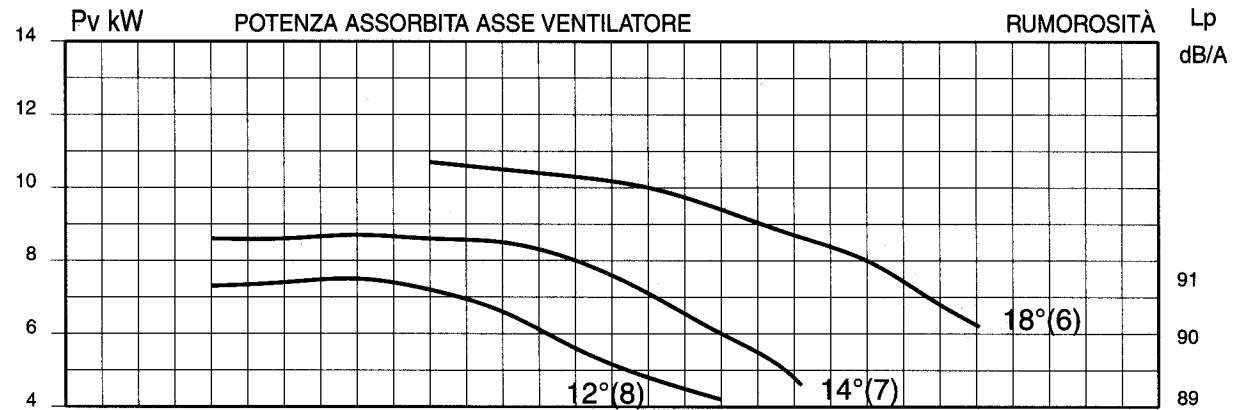
Diagramma di funzionamento in PREMENTE - Diametro girante 560 mm



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



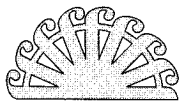
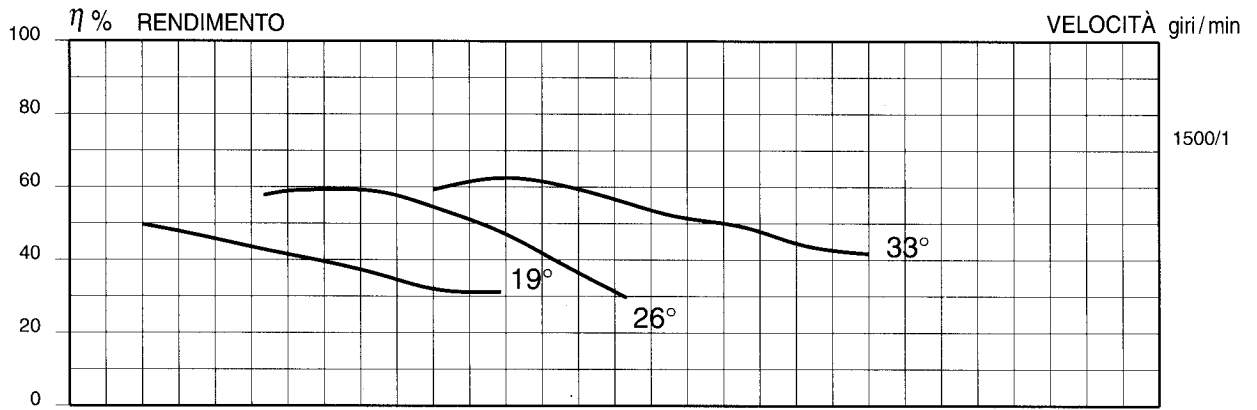
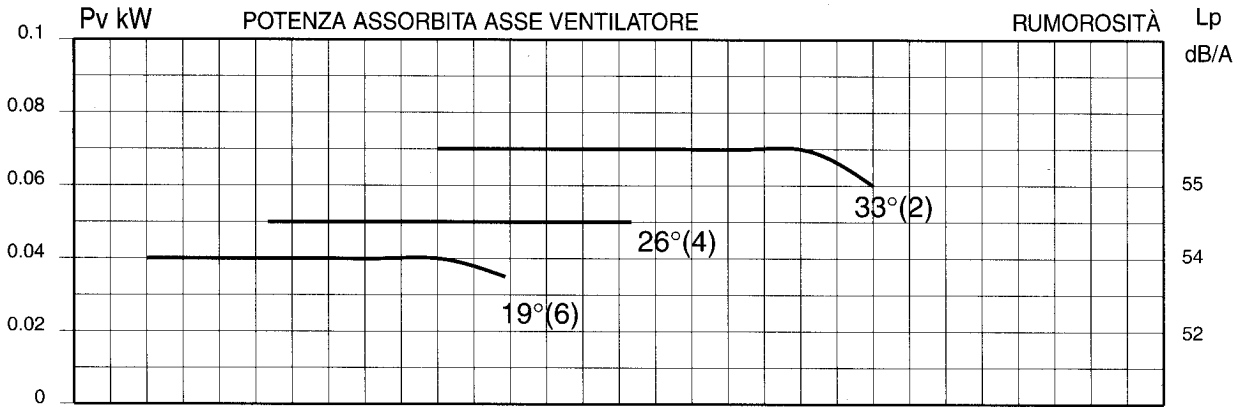


Diagramma di funzionamento in PREMENTE - Diametro girante 315 mm



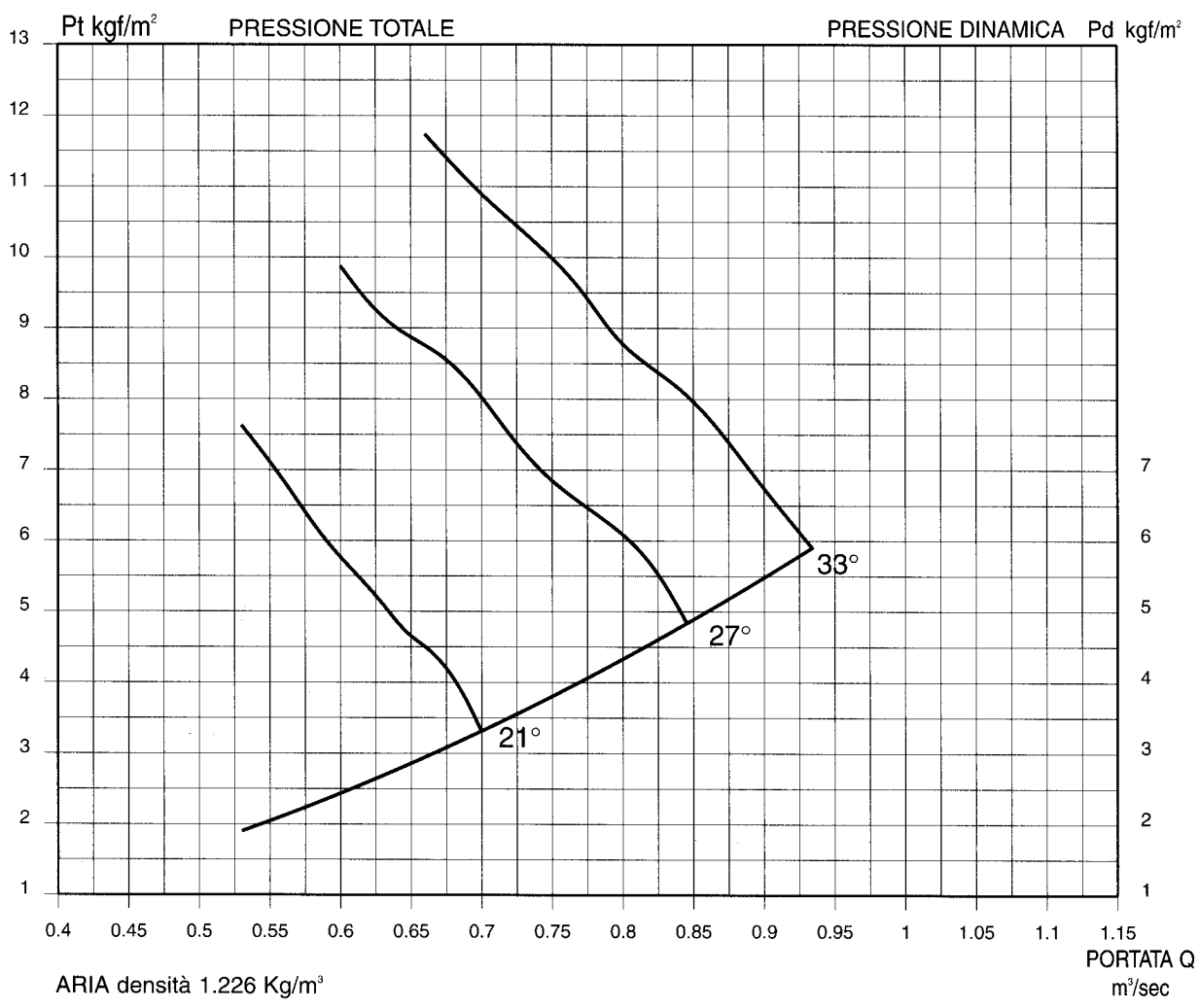
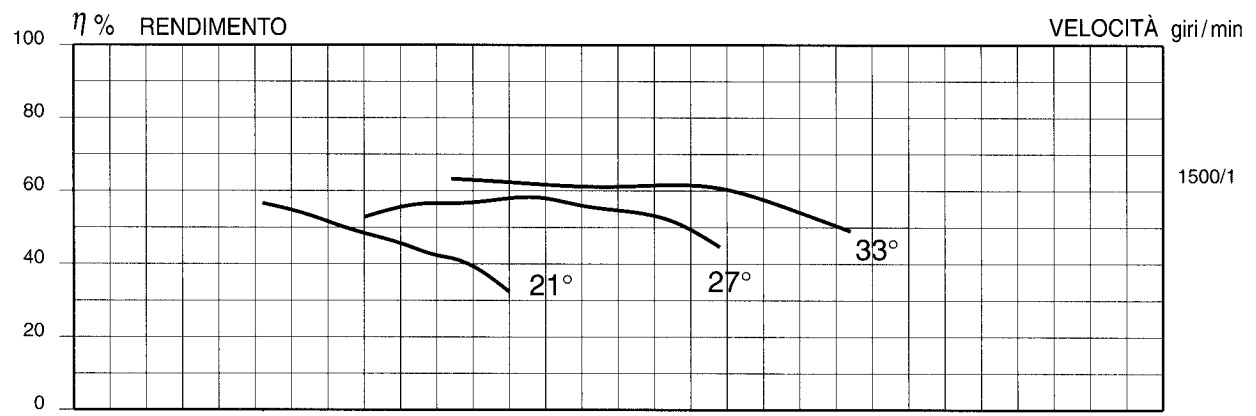
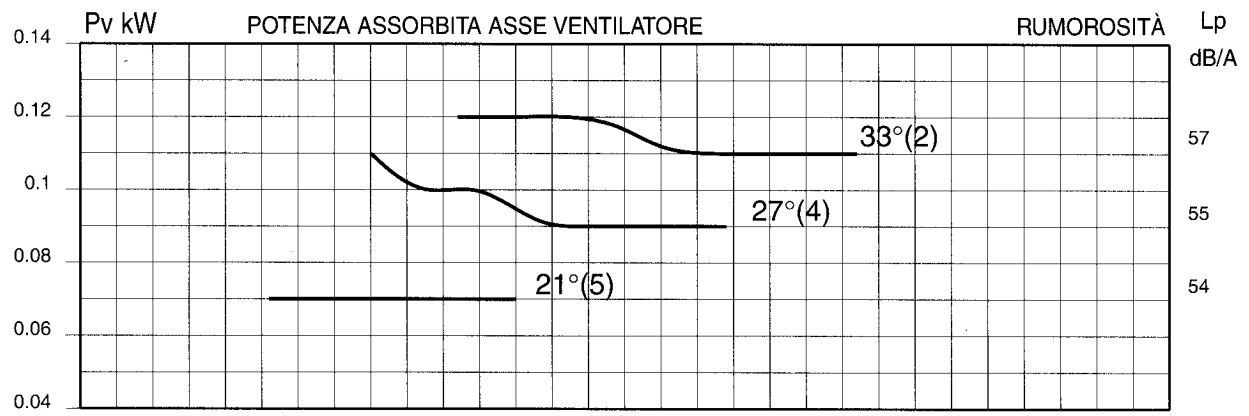
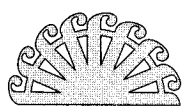
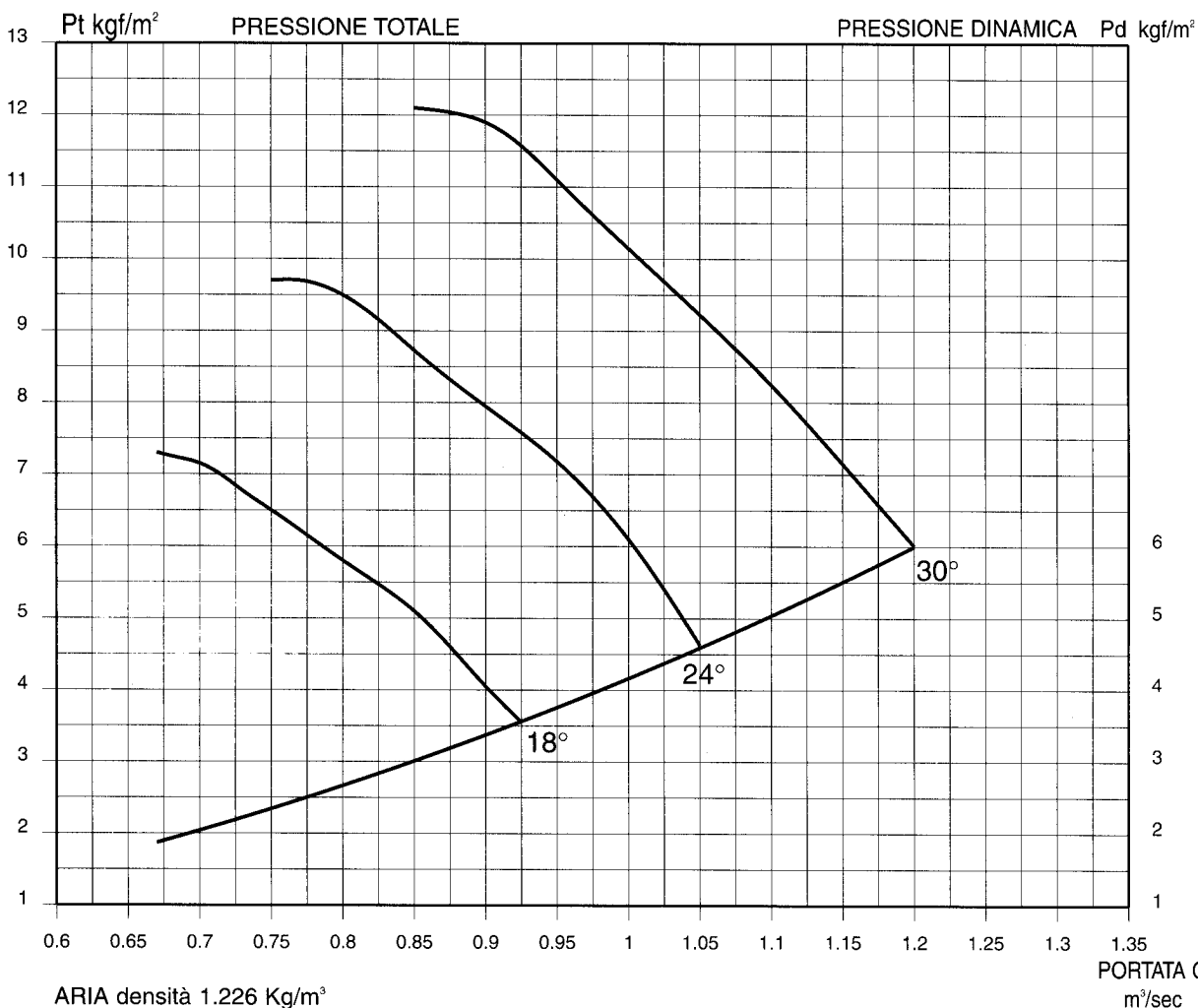
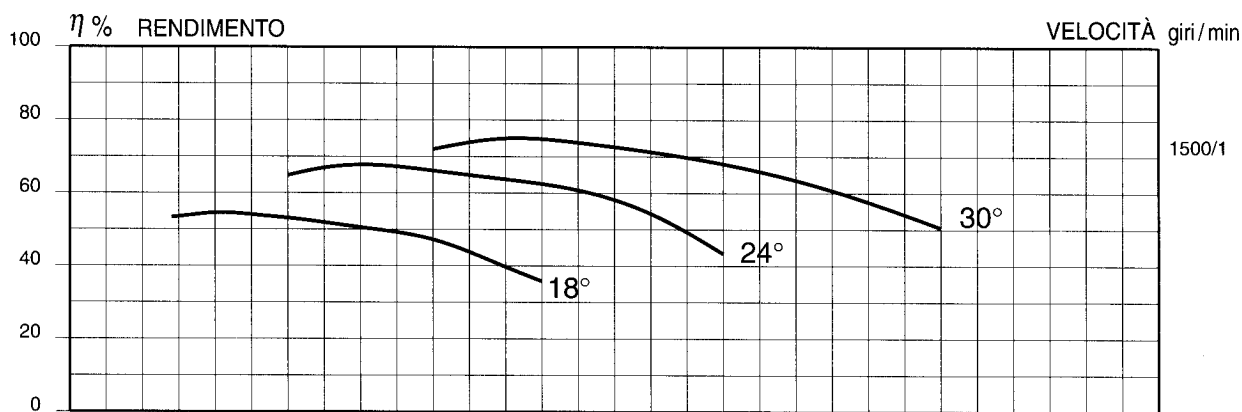
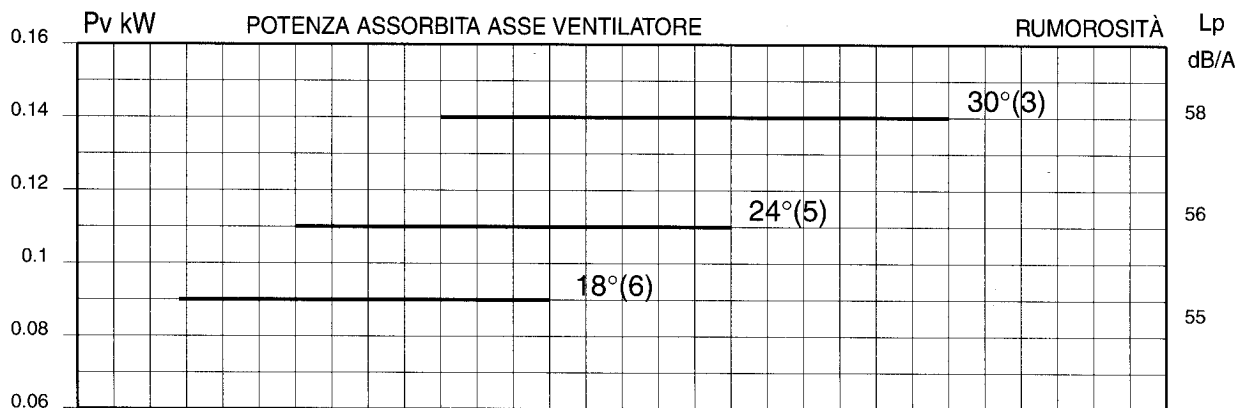
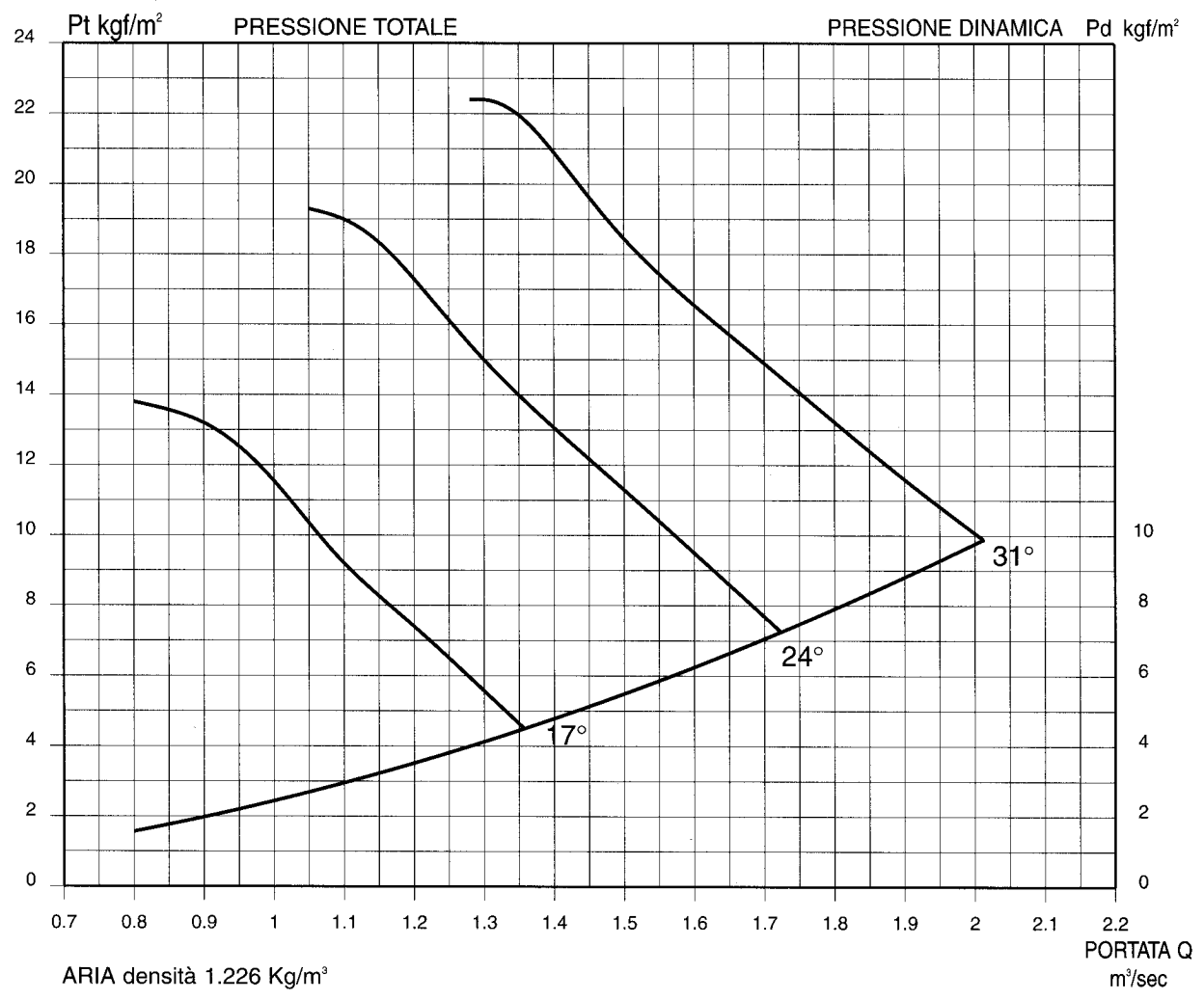
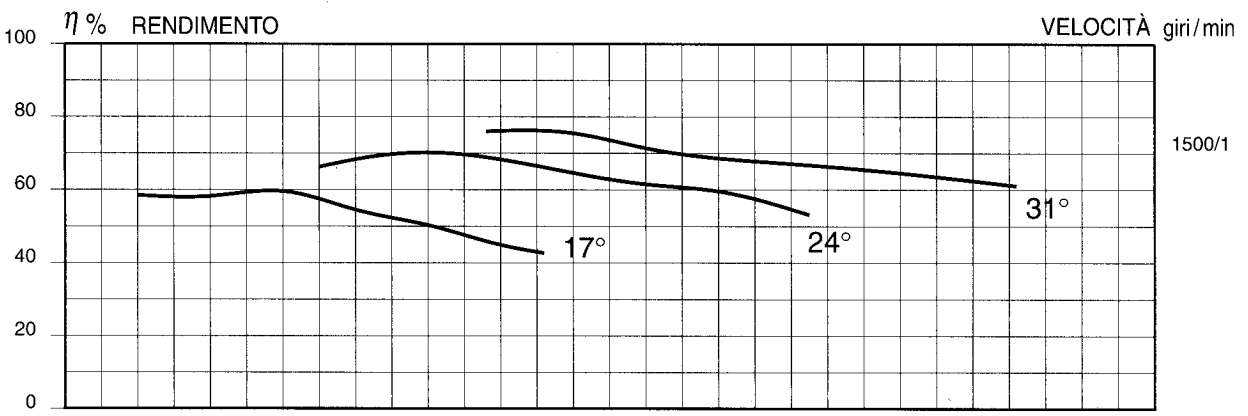
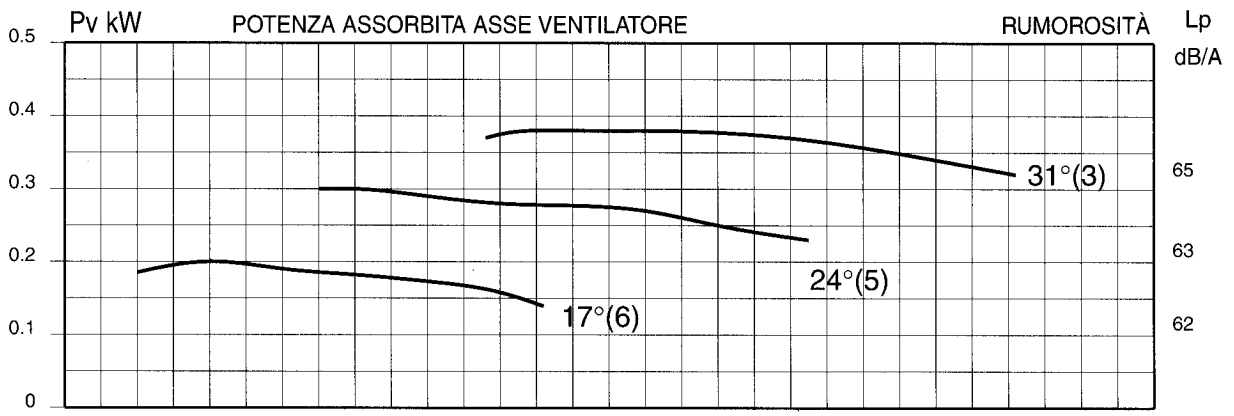
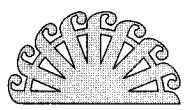




Diagramma di funzionamento in PREMENTE - Diametro girante 400 mm





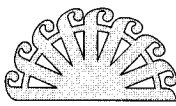
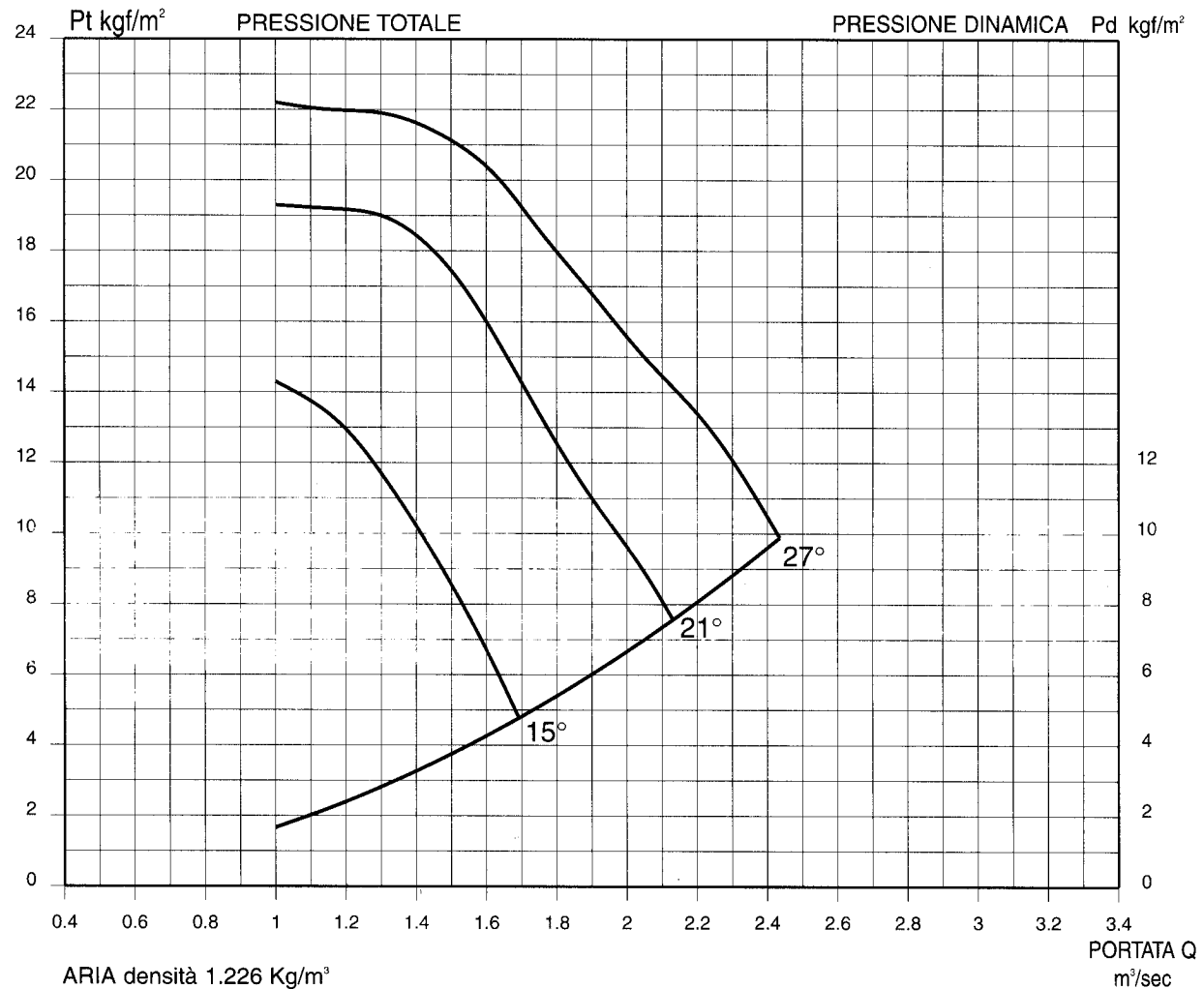
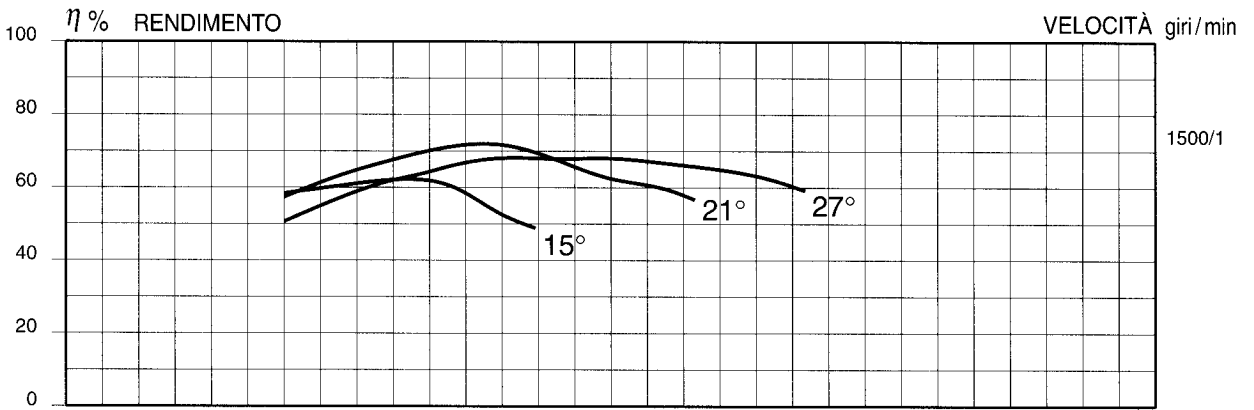
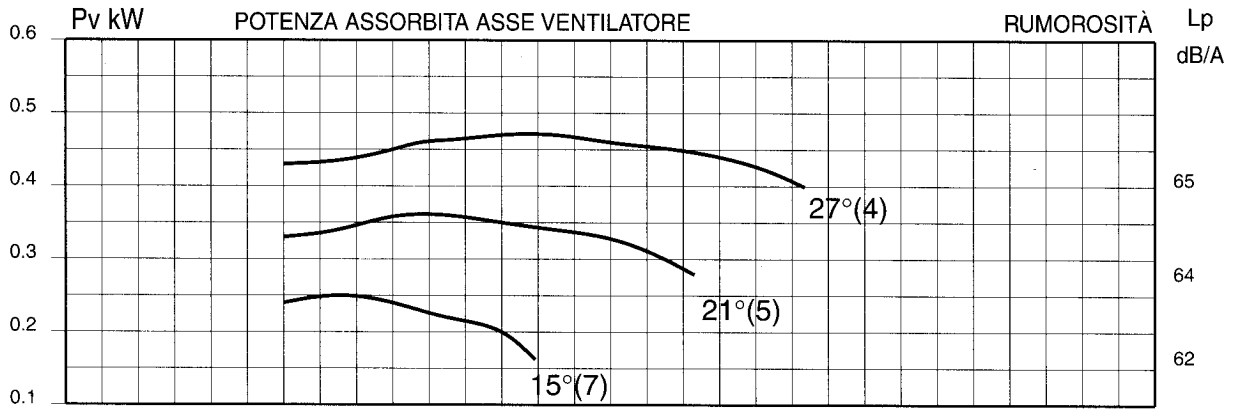
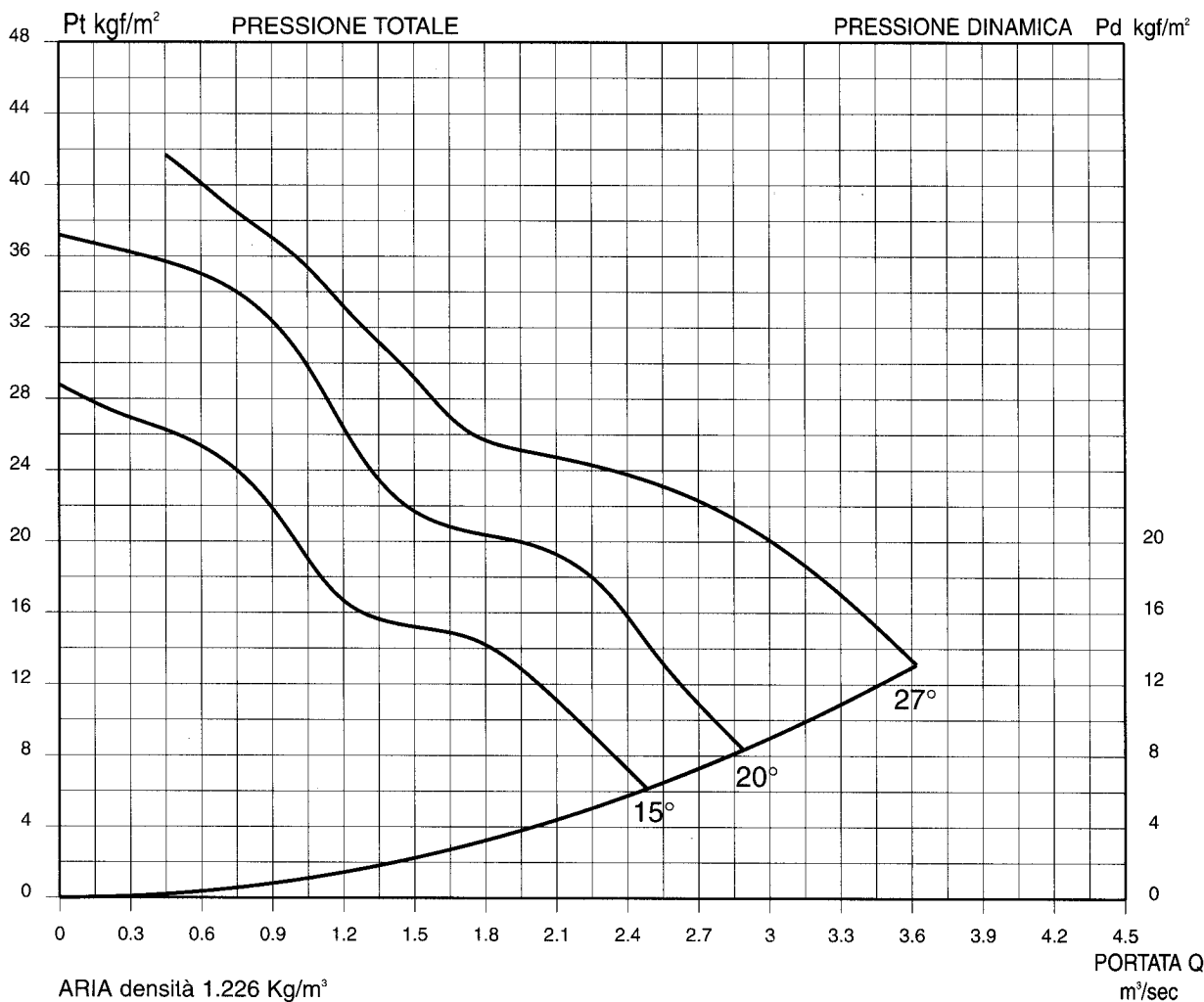
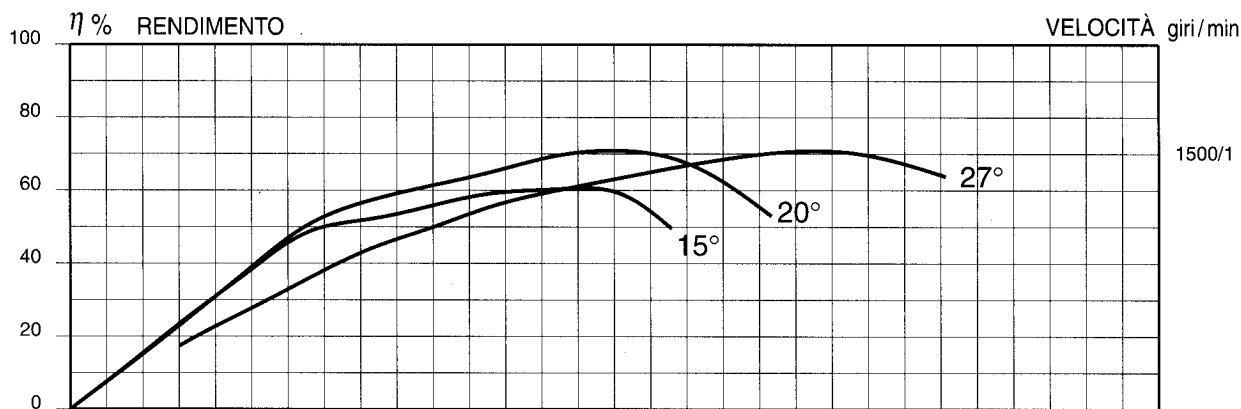
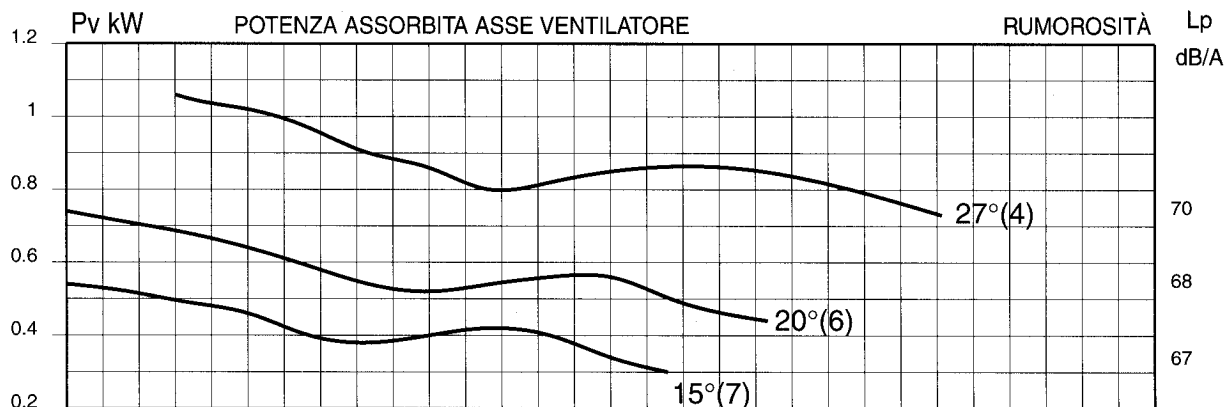
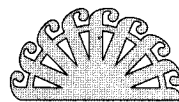
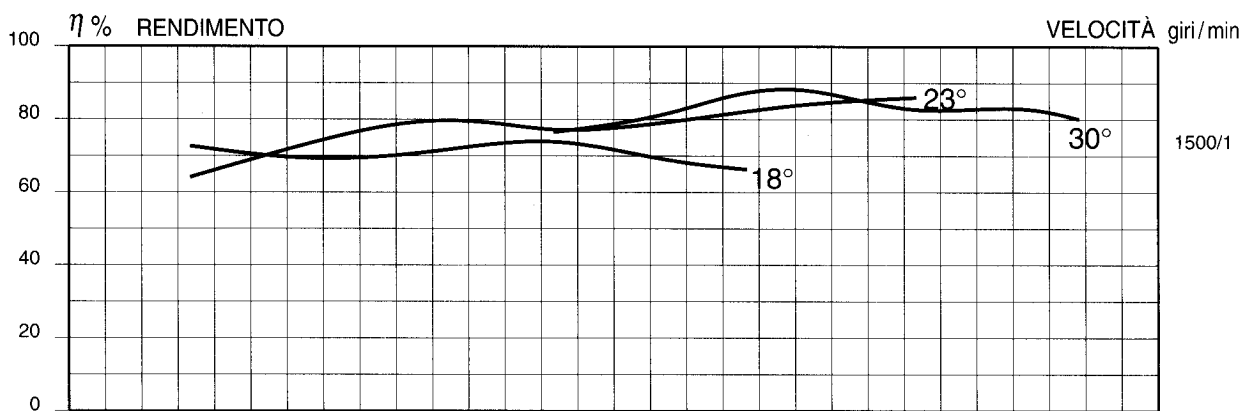
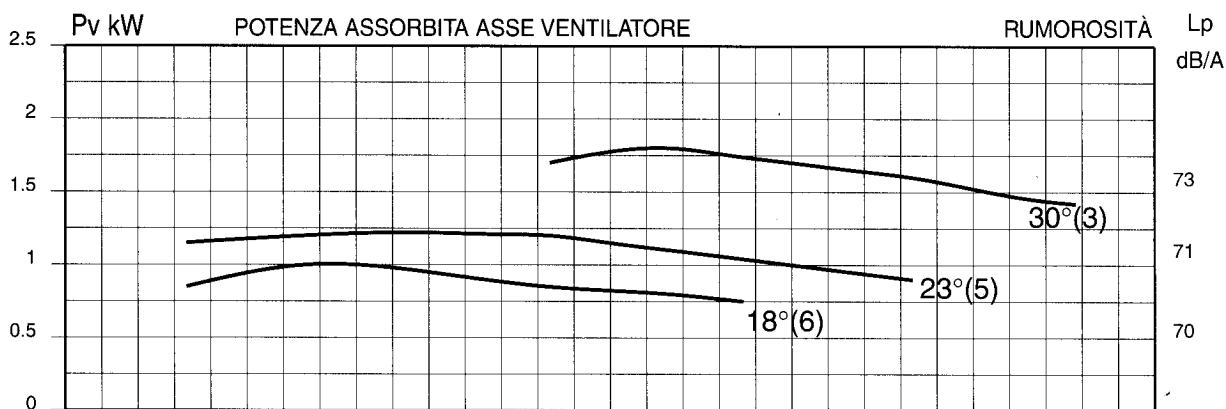
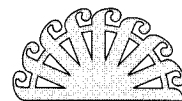
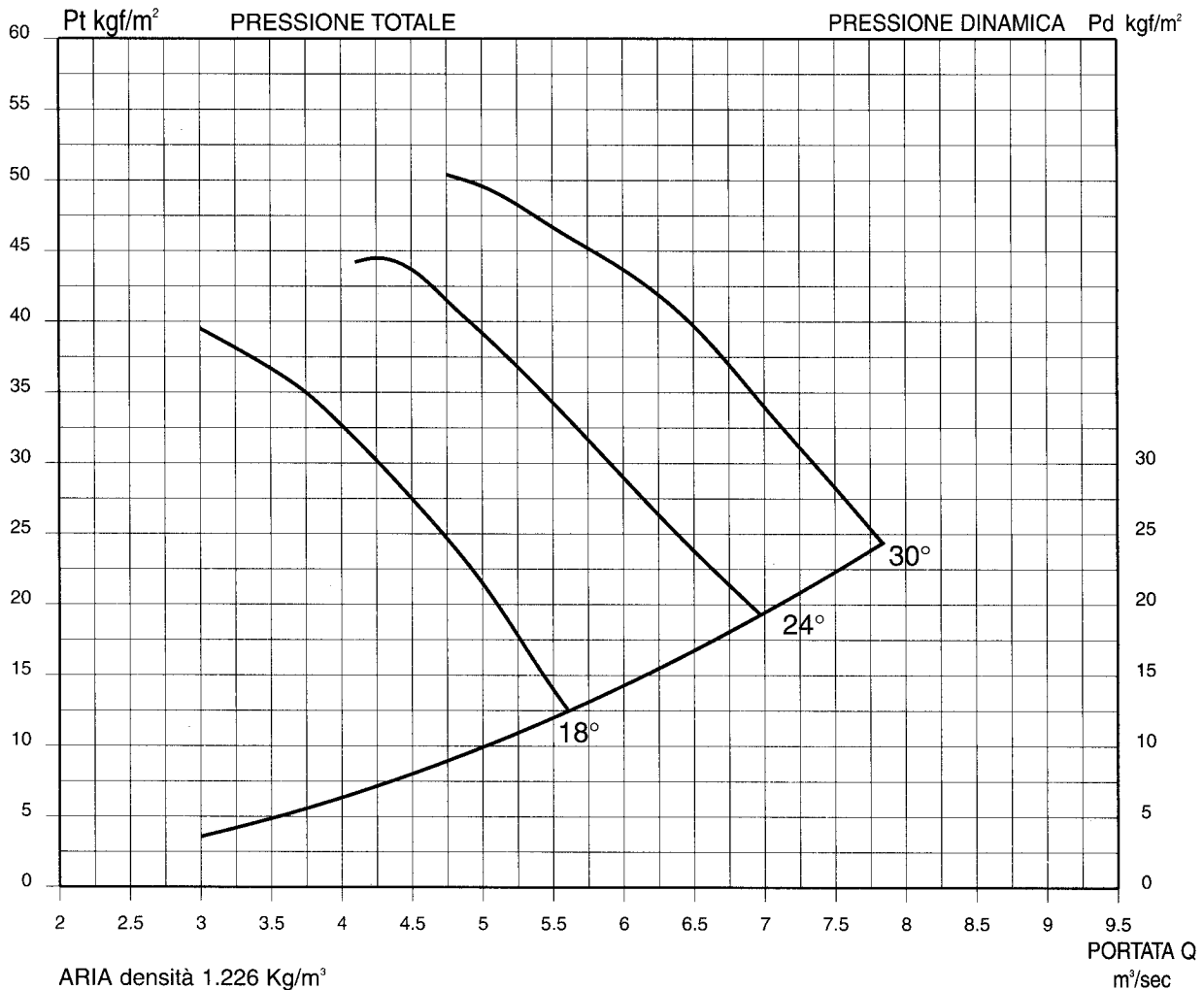
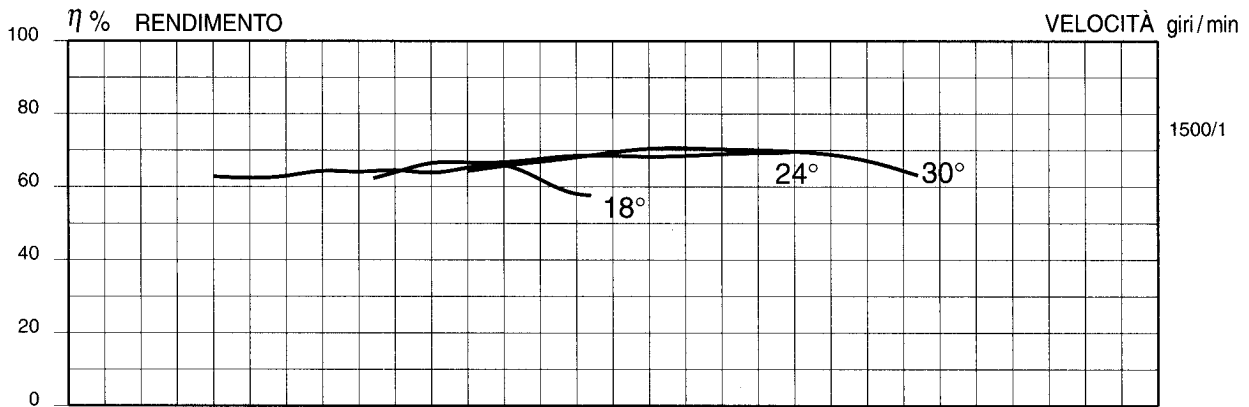
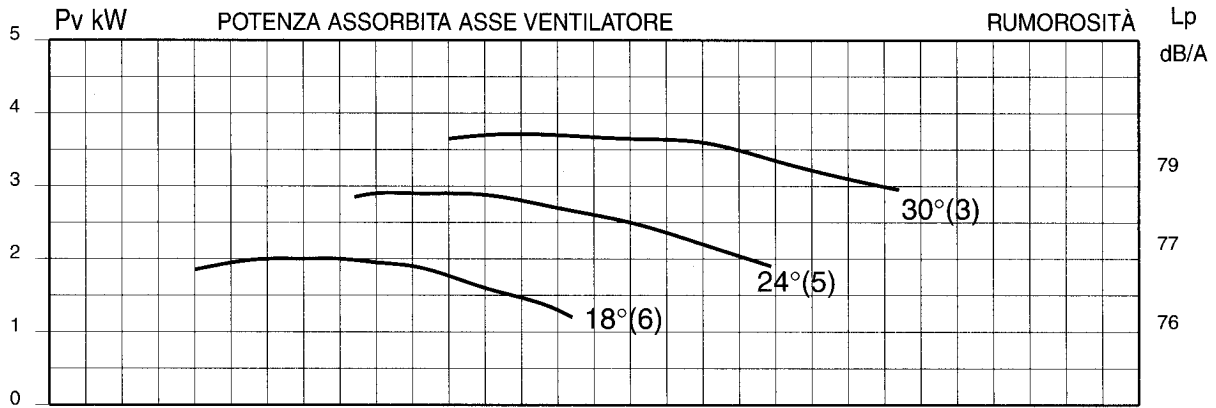
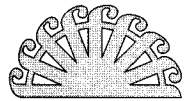


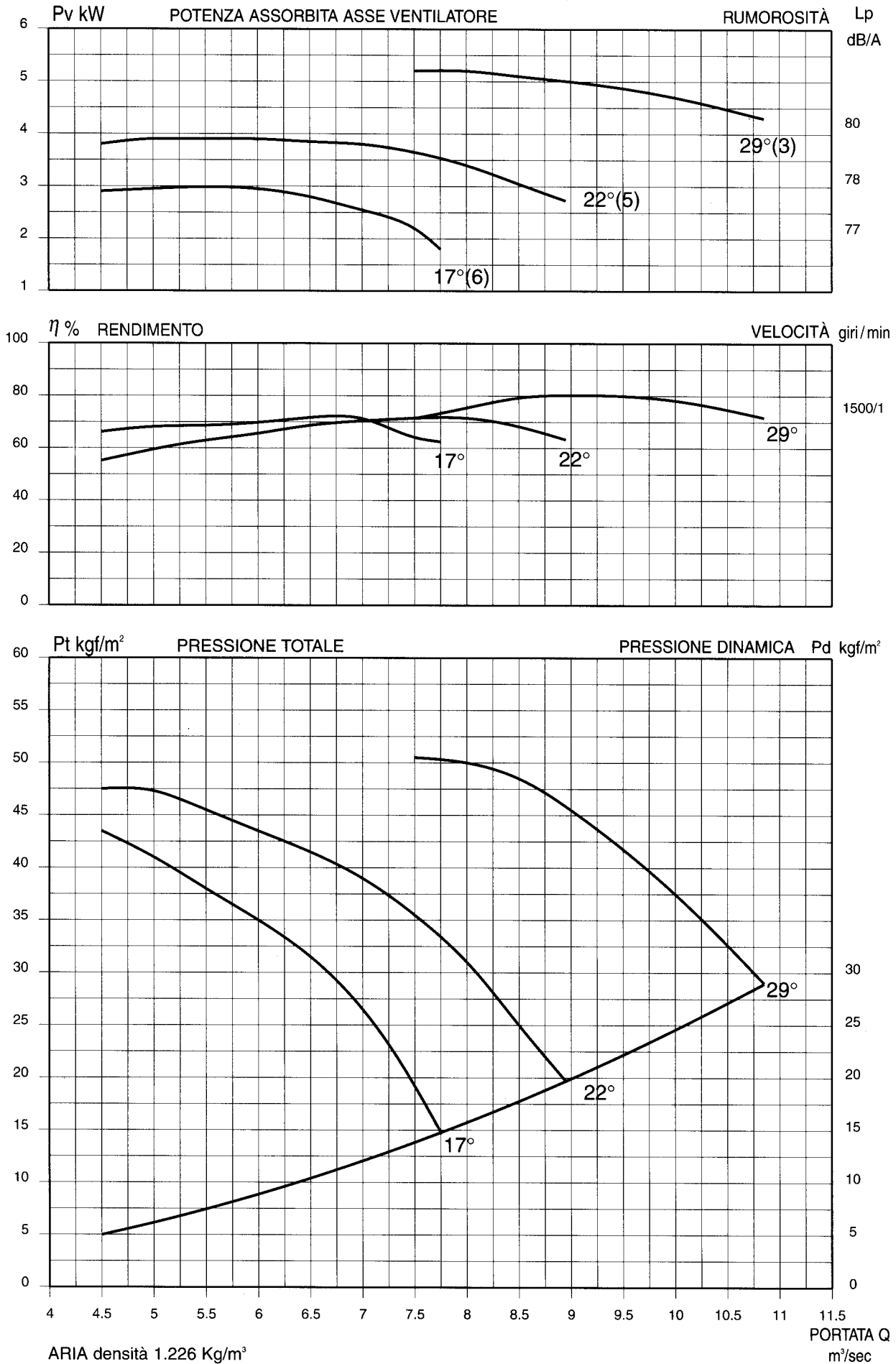
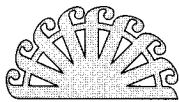
Diagramma di funzionamento in PREMENTE - Diametro girante 500 mm











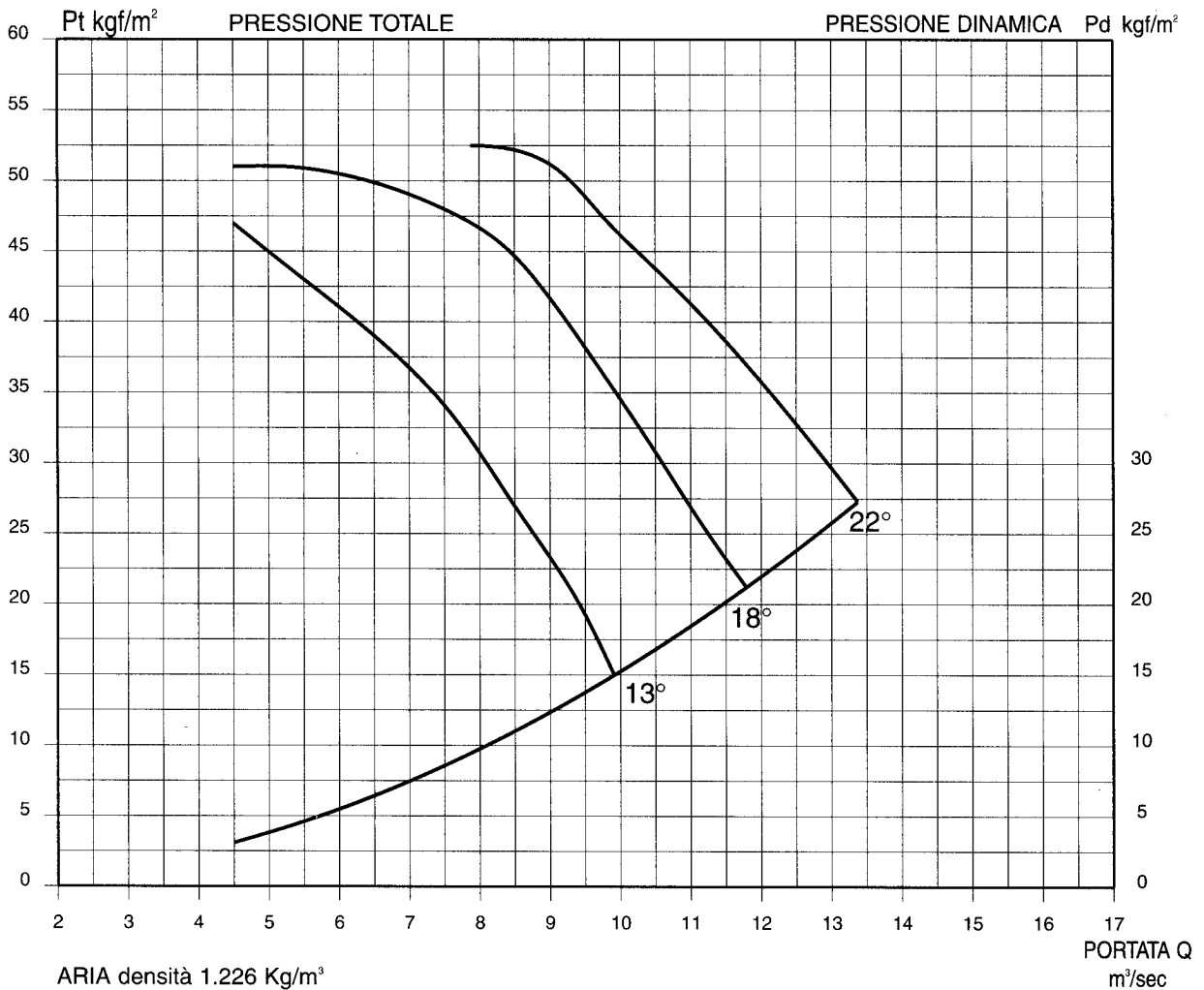
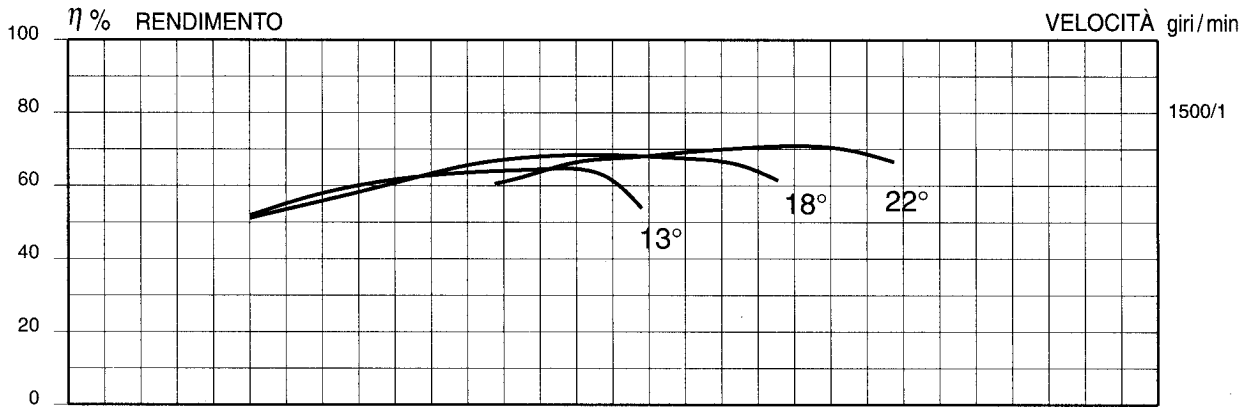
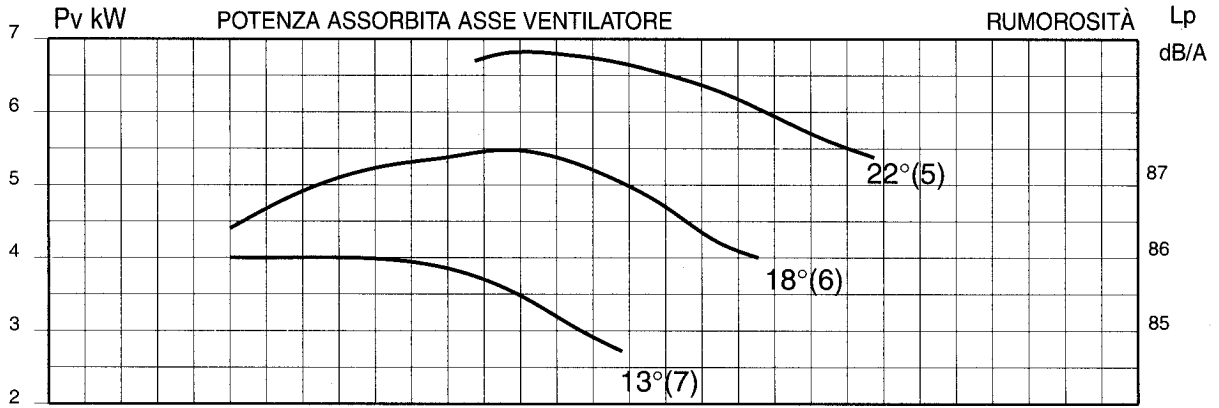
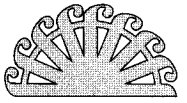
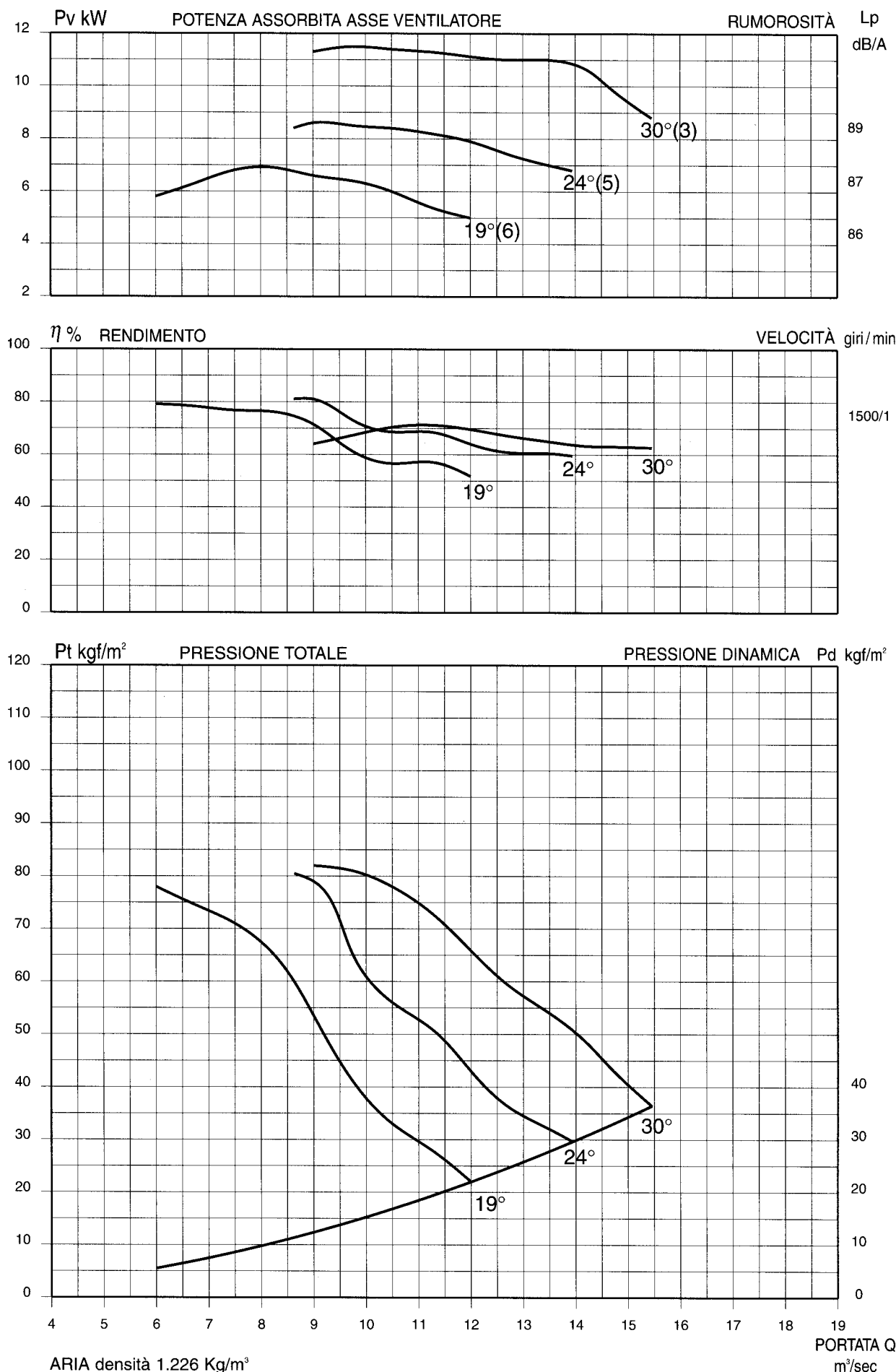




Diagramma di funzionamento in PREMENTE - Diametro girante 900 mm



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

Potenza installata 5.5-7.5-9 kW

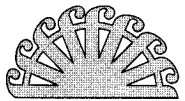
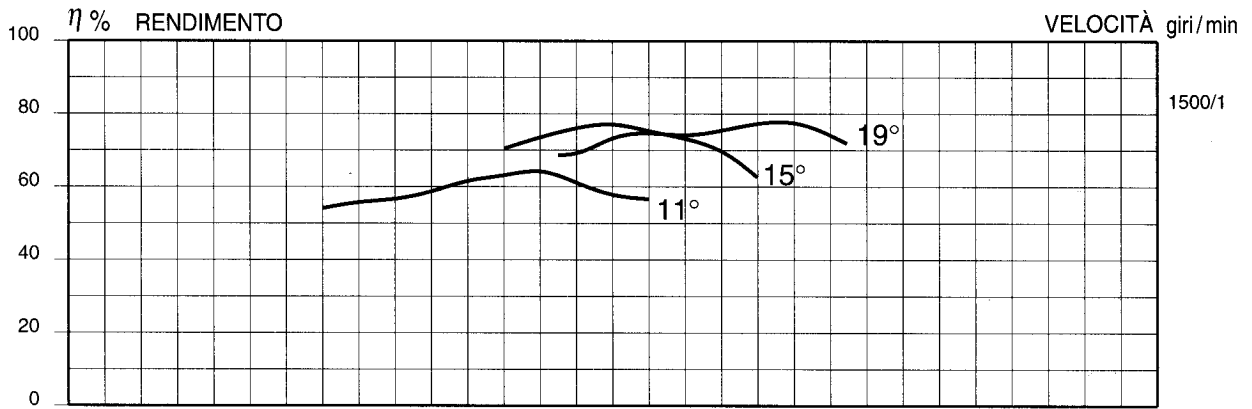
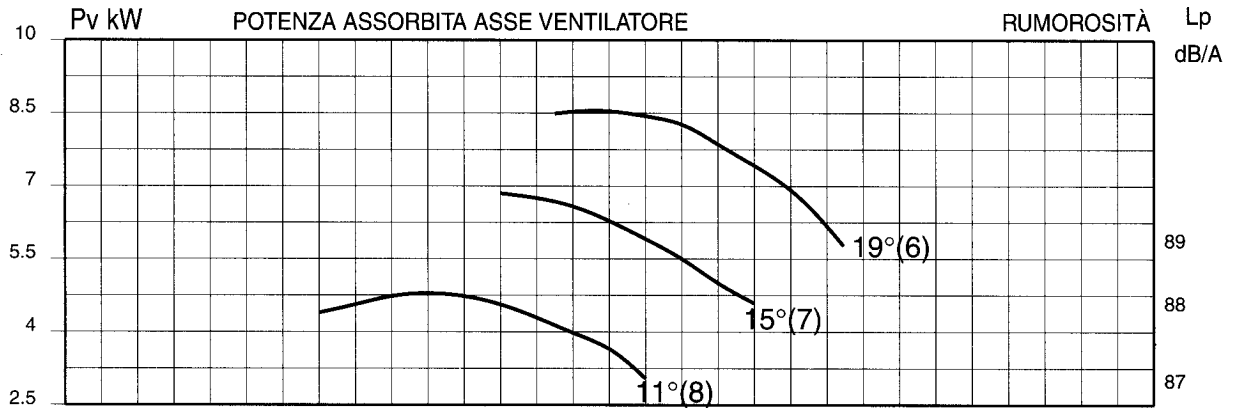
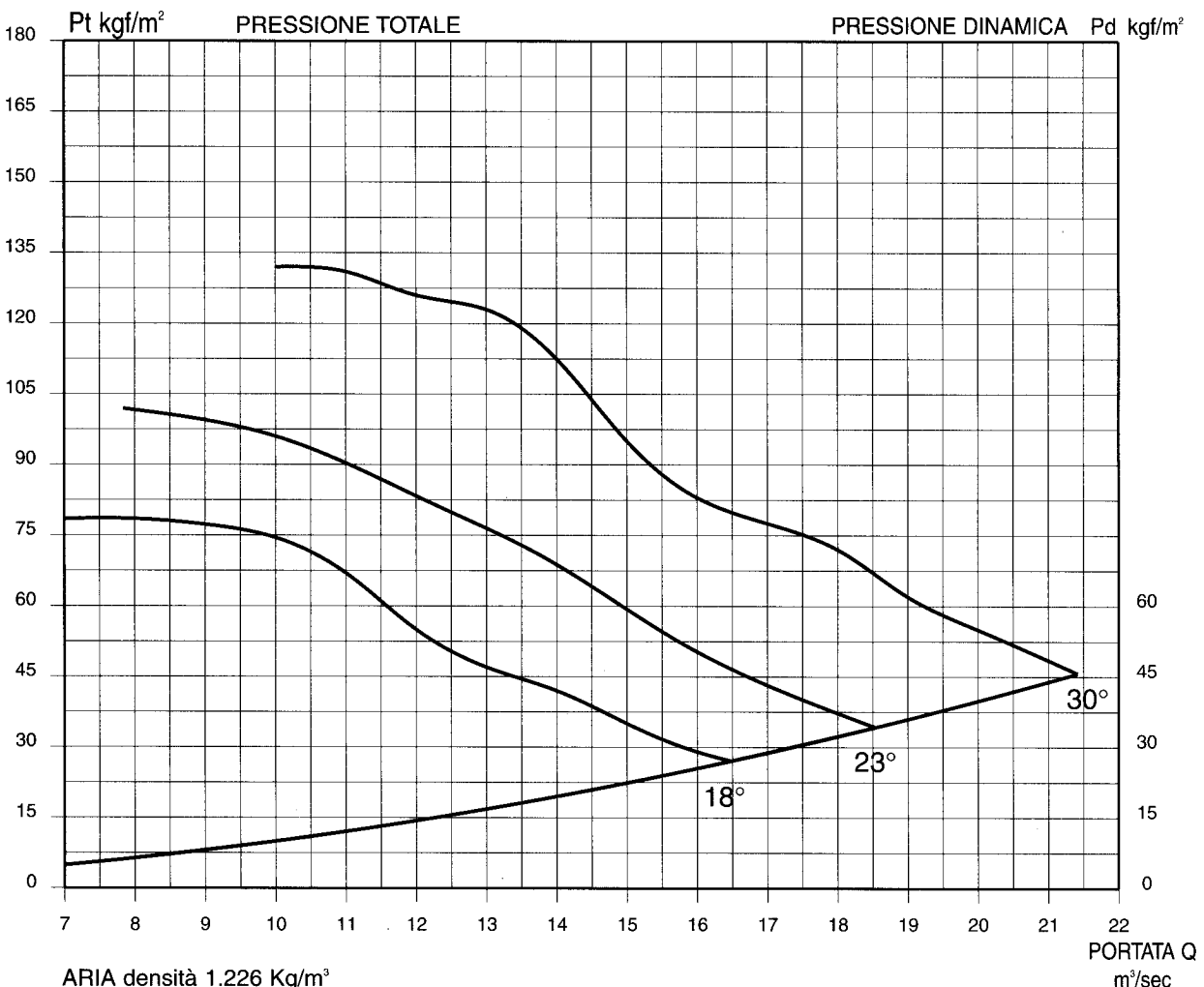
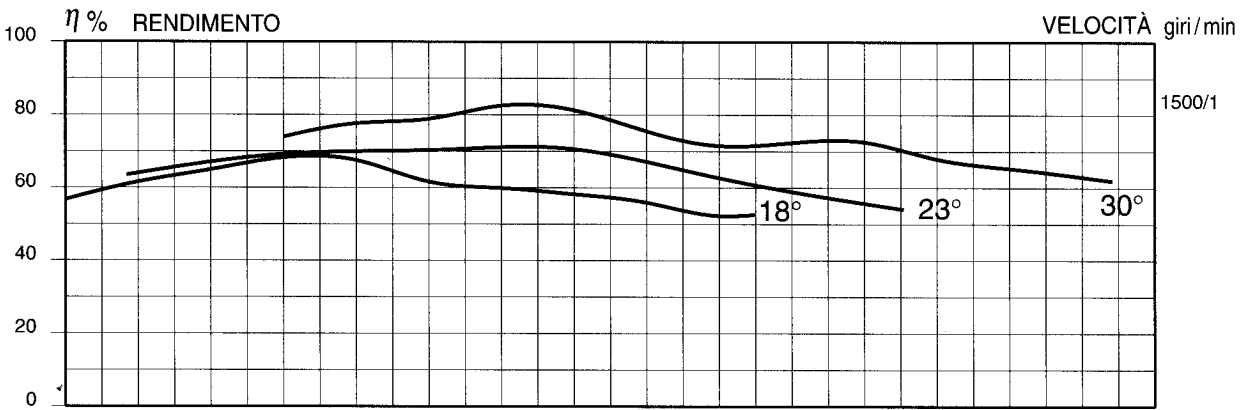
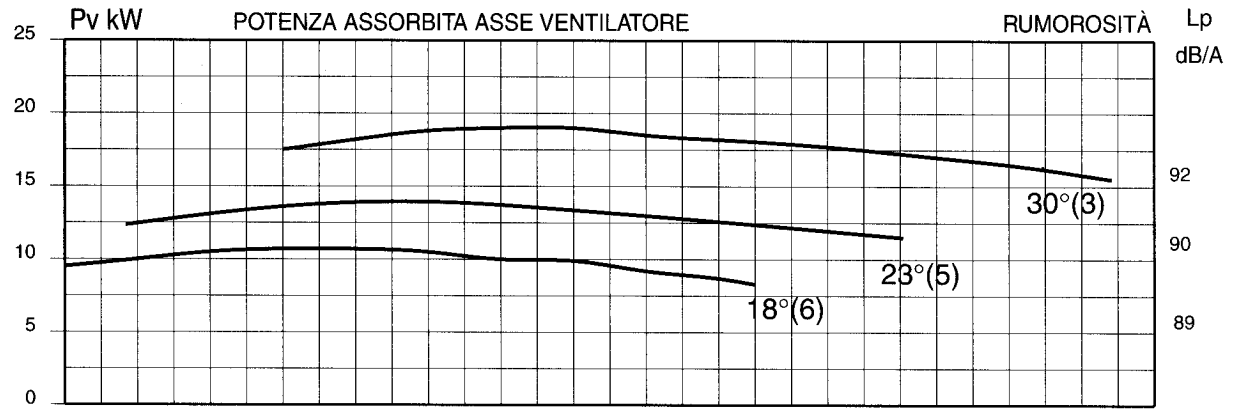
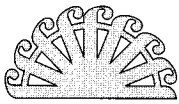


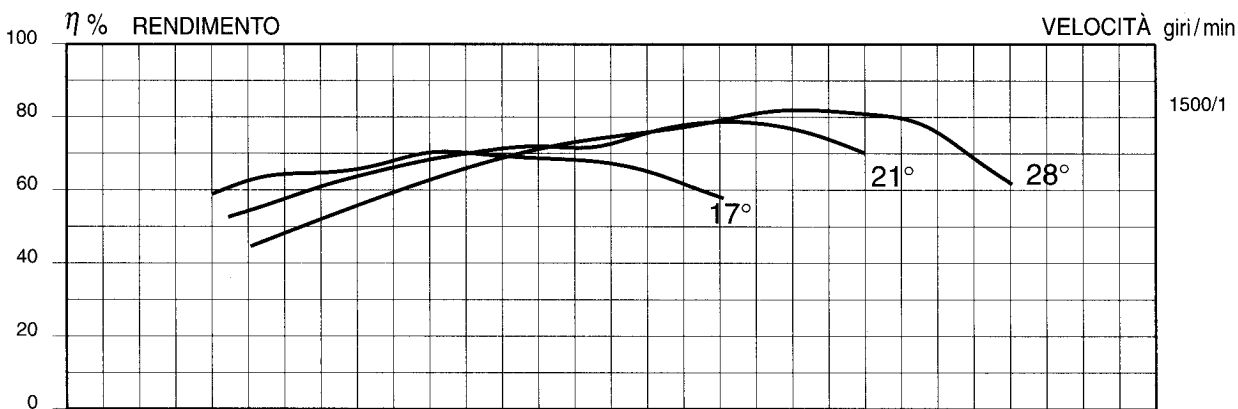
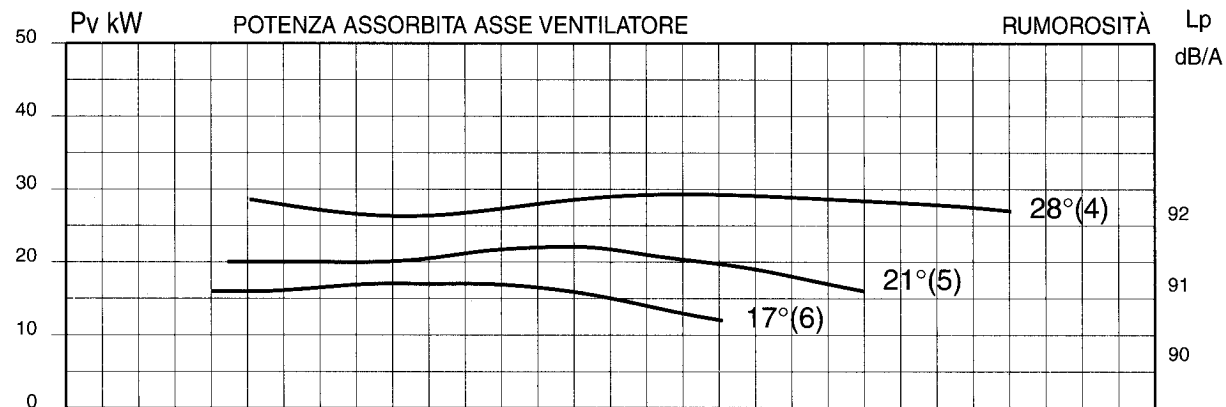
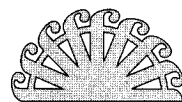
Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm





ARIA densità 1.226 Kg/m³

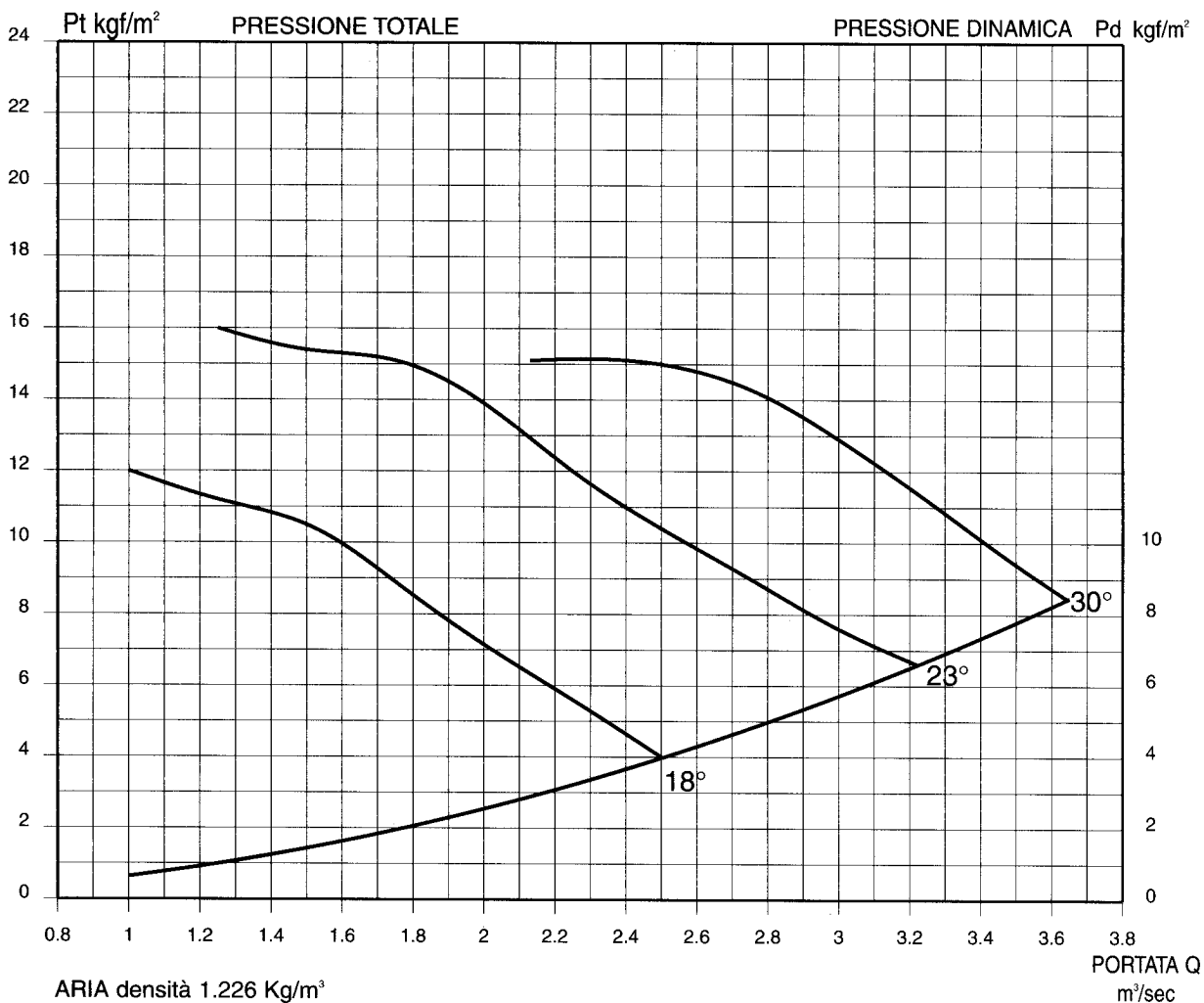
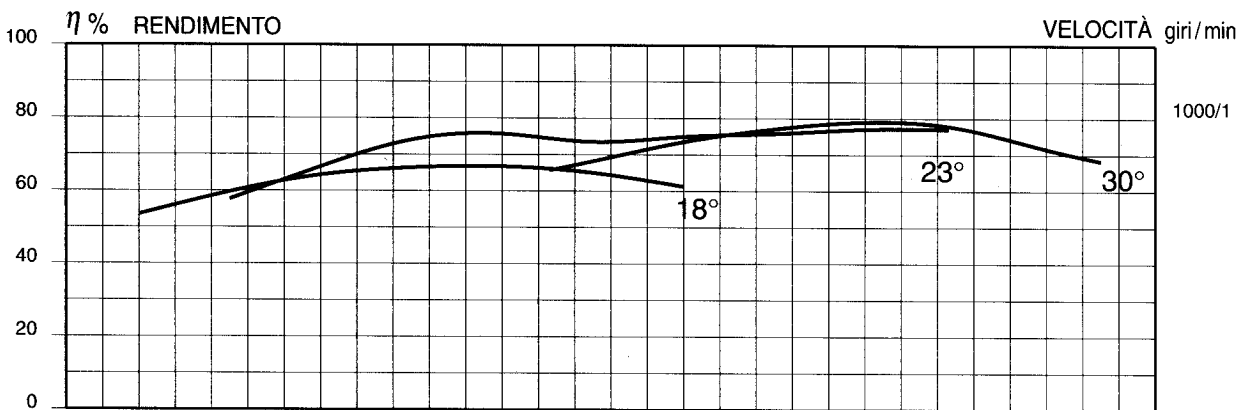
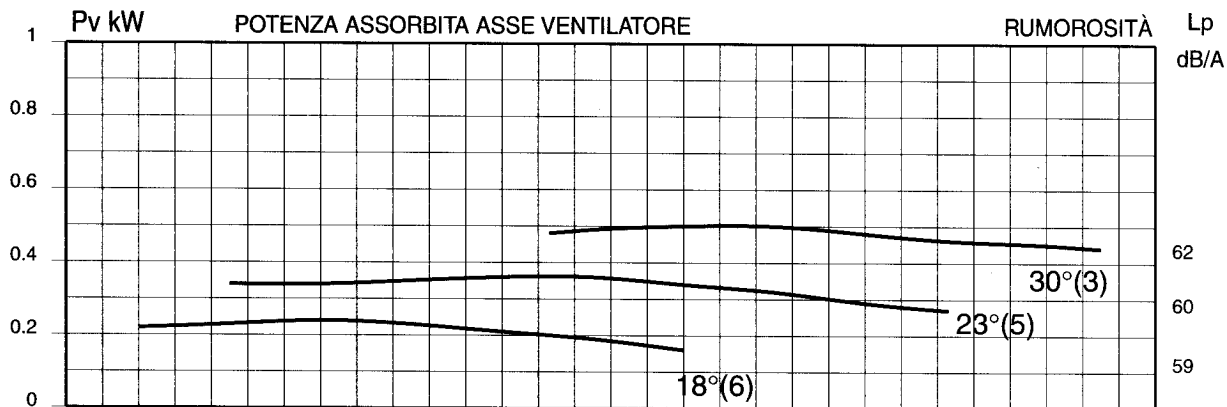
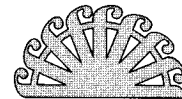
PORTATA Q m³/sec

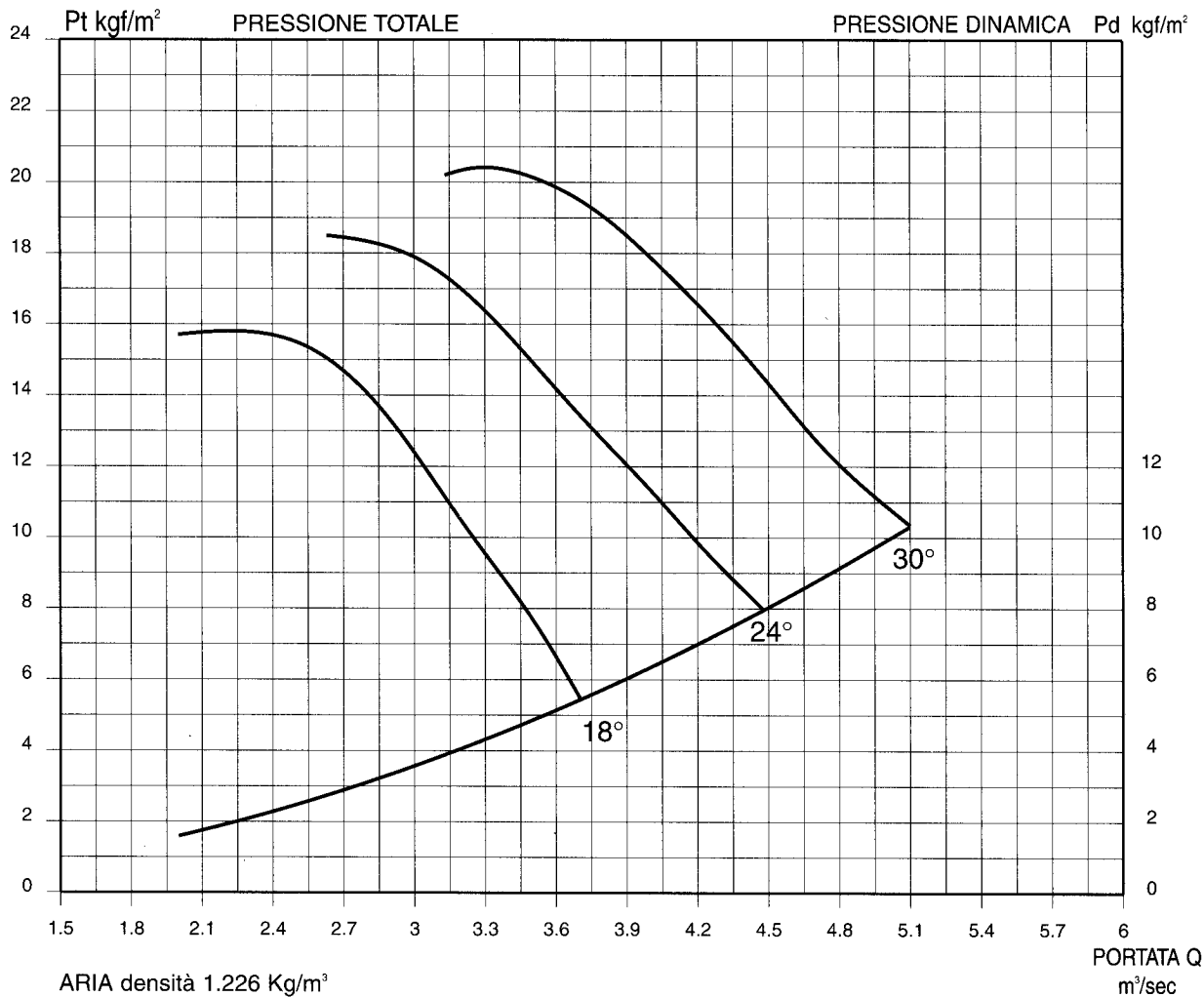
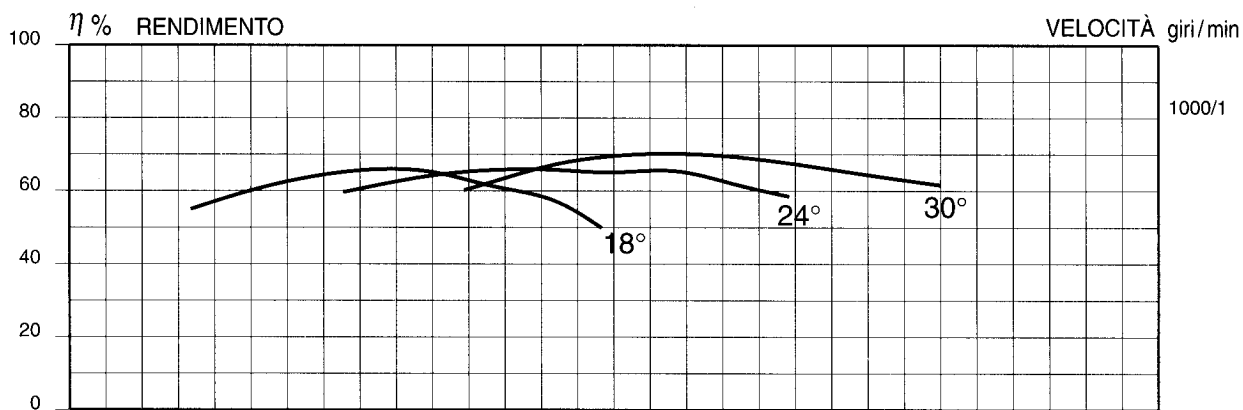
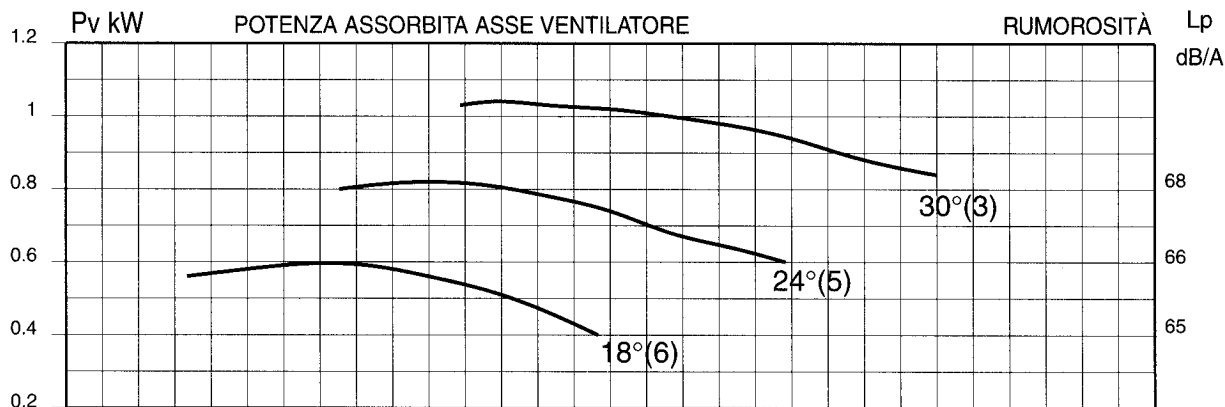
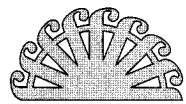


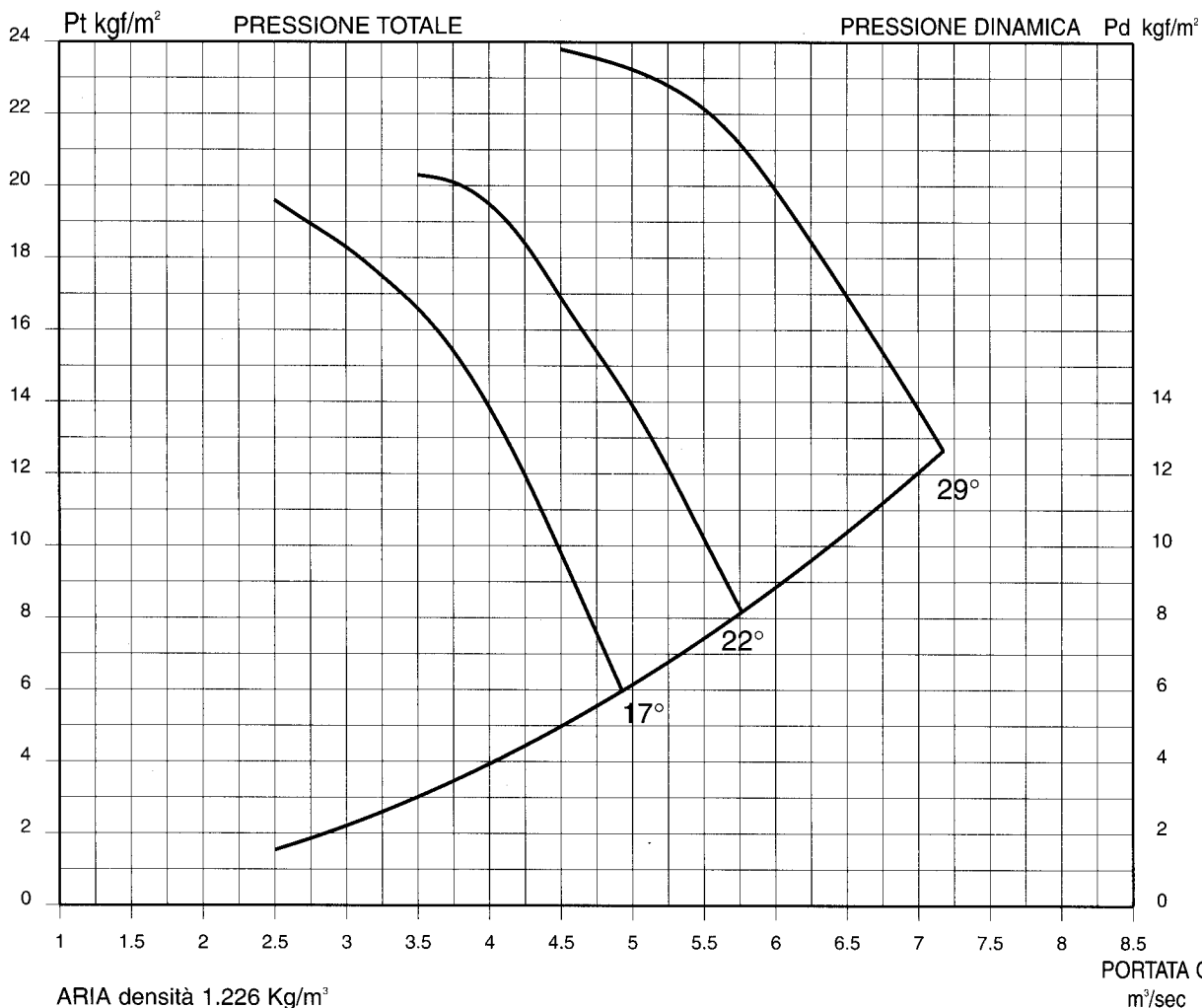
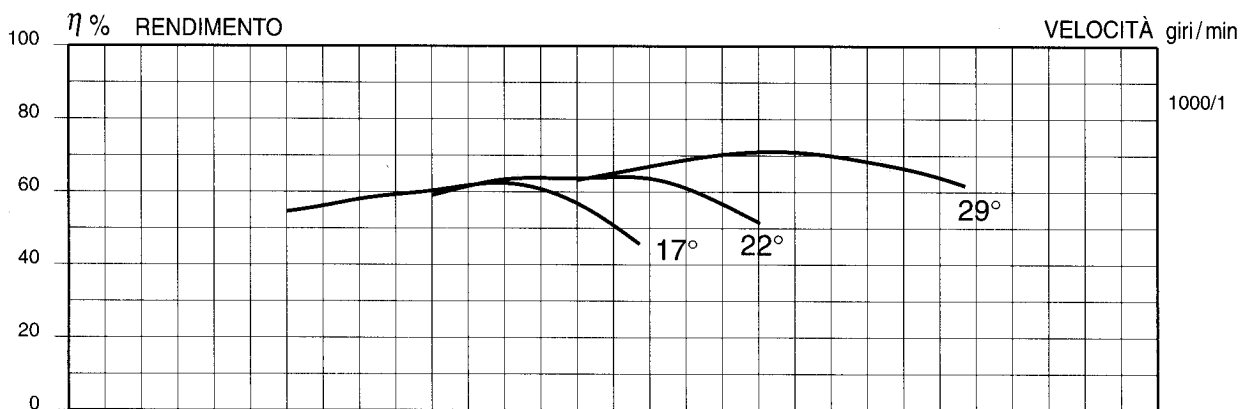
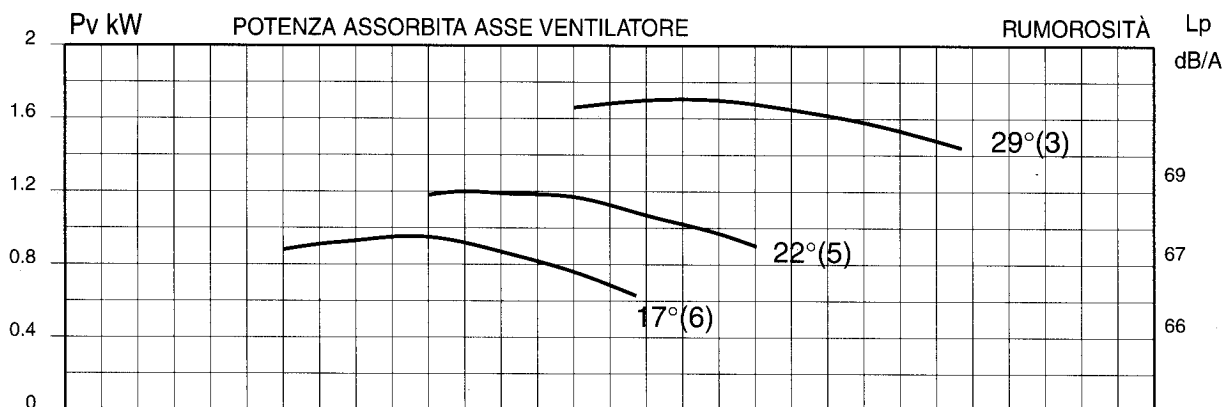
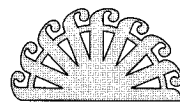
ELVE ES 636-635-633/G 4A/A

Potenza installata 0.25-0.37-0.55 kW

Diagramma di funzionamento in PREMENTE - Diametro girante 630 mm







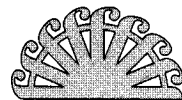
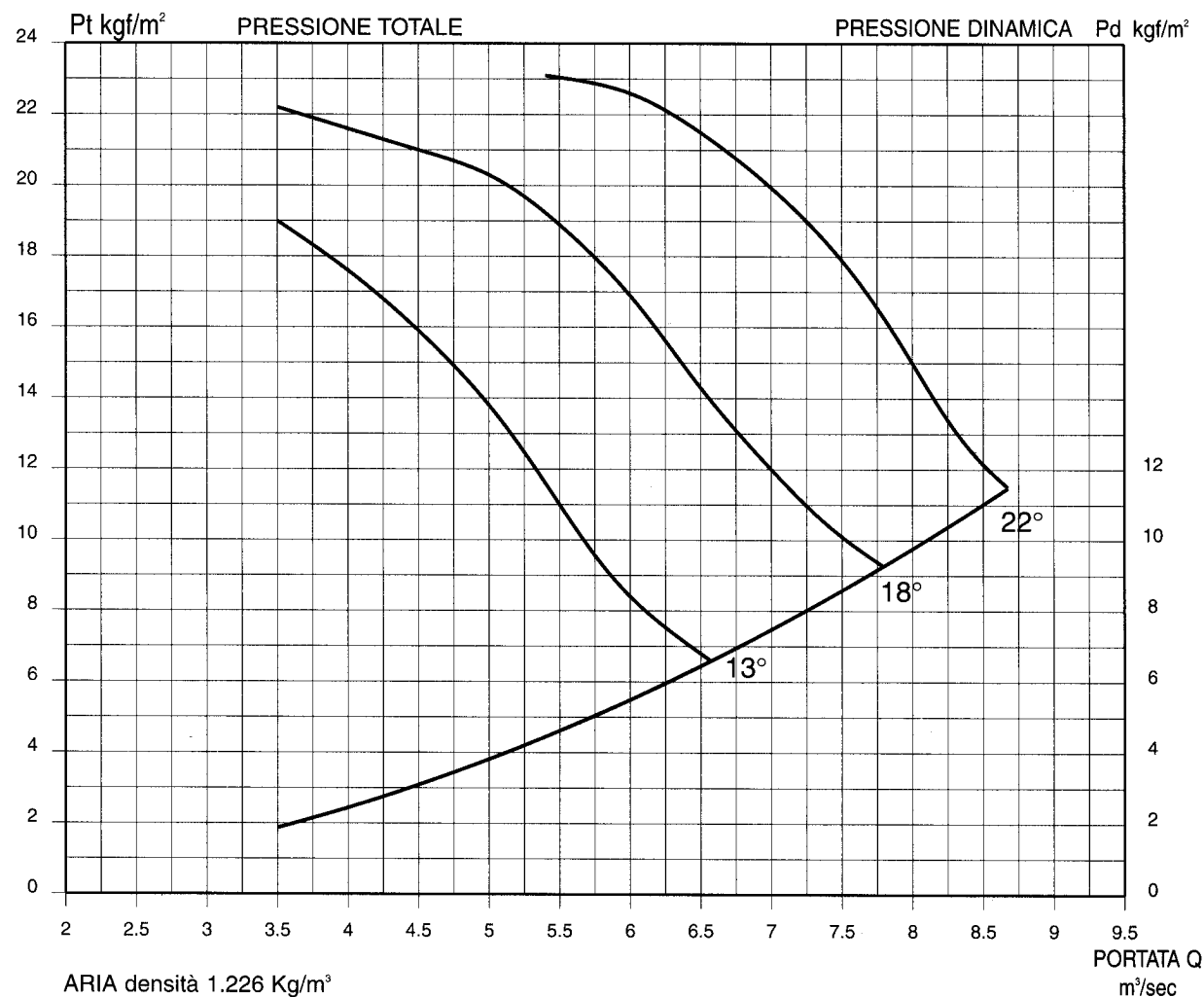
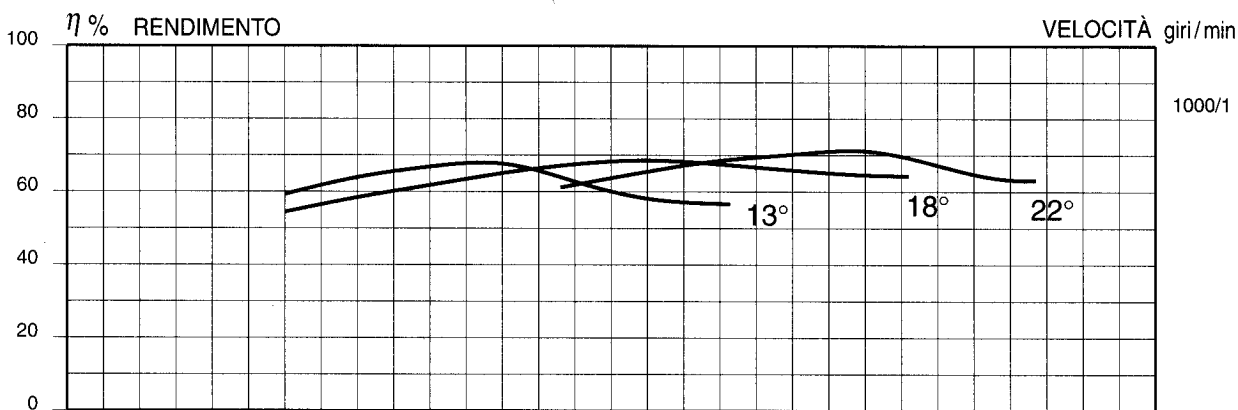
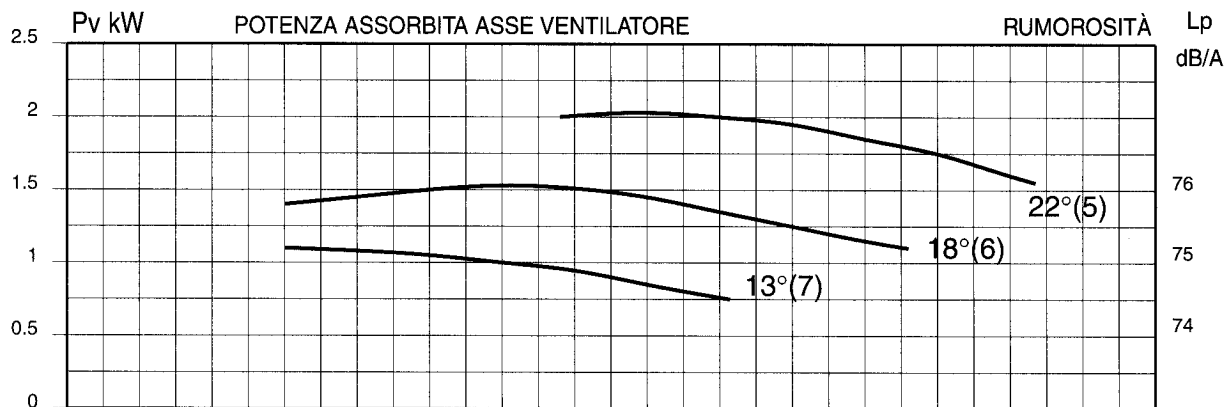


Diagramma di funzionamento in PREMENTE - Diametro girante 900 mm



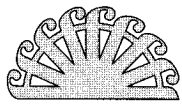
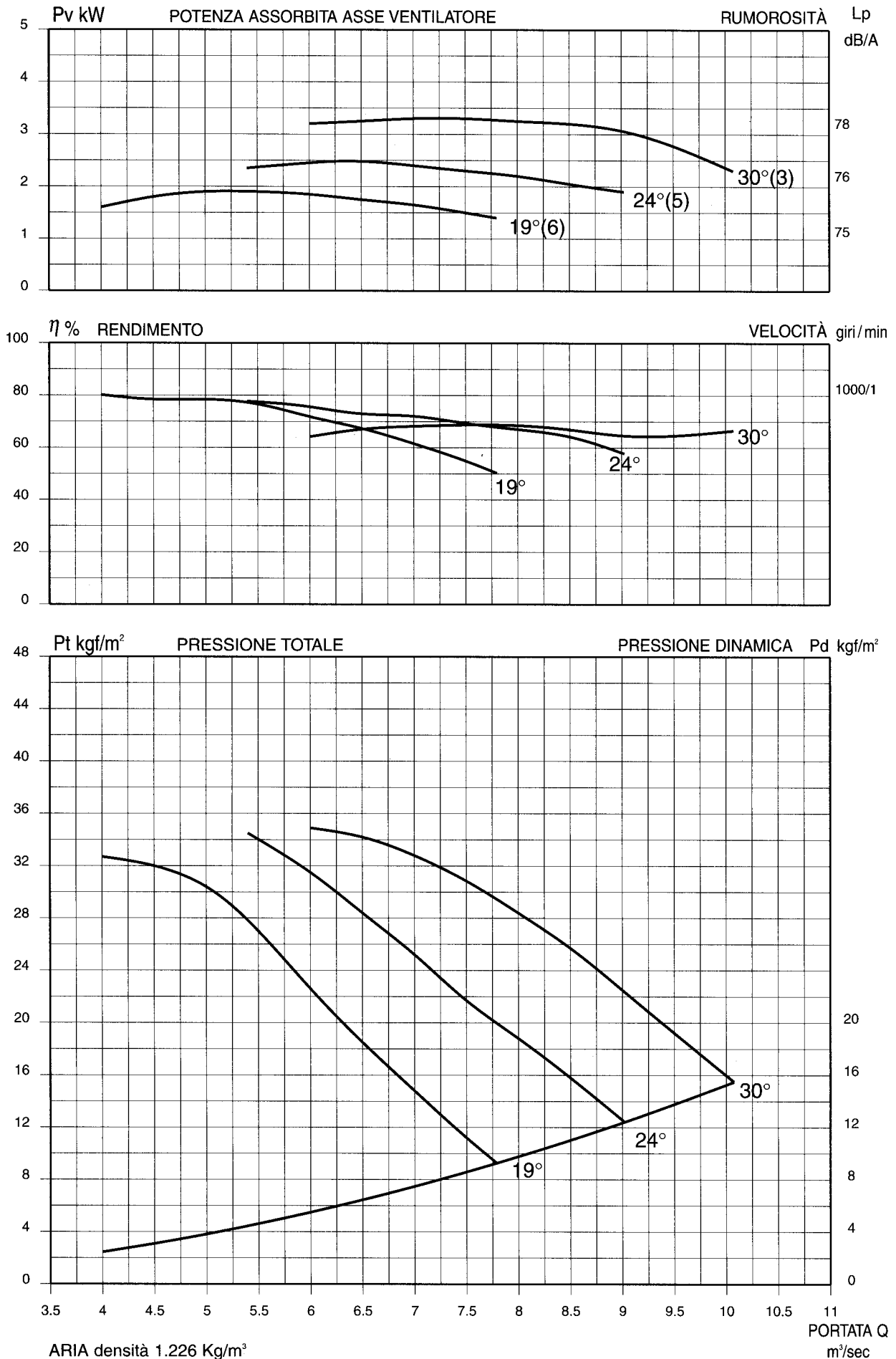


Diagramma di funzionamento in PREMENTE - Diametro girante 900 mm



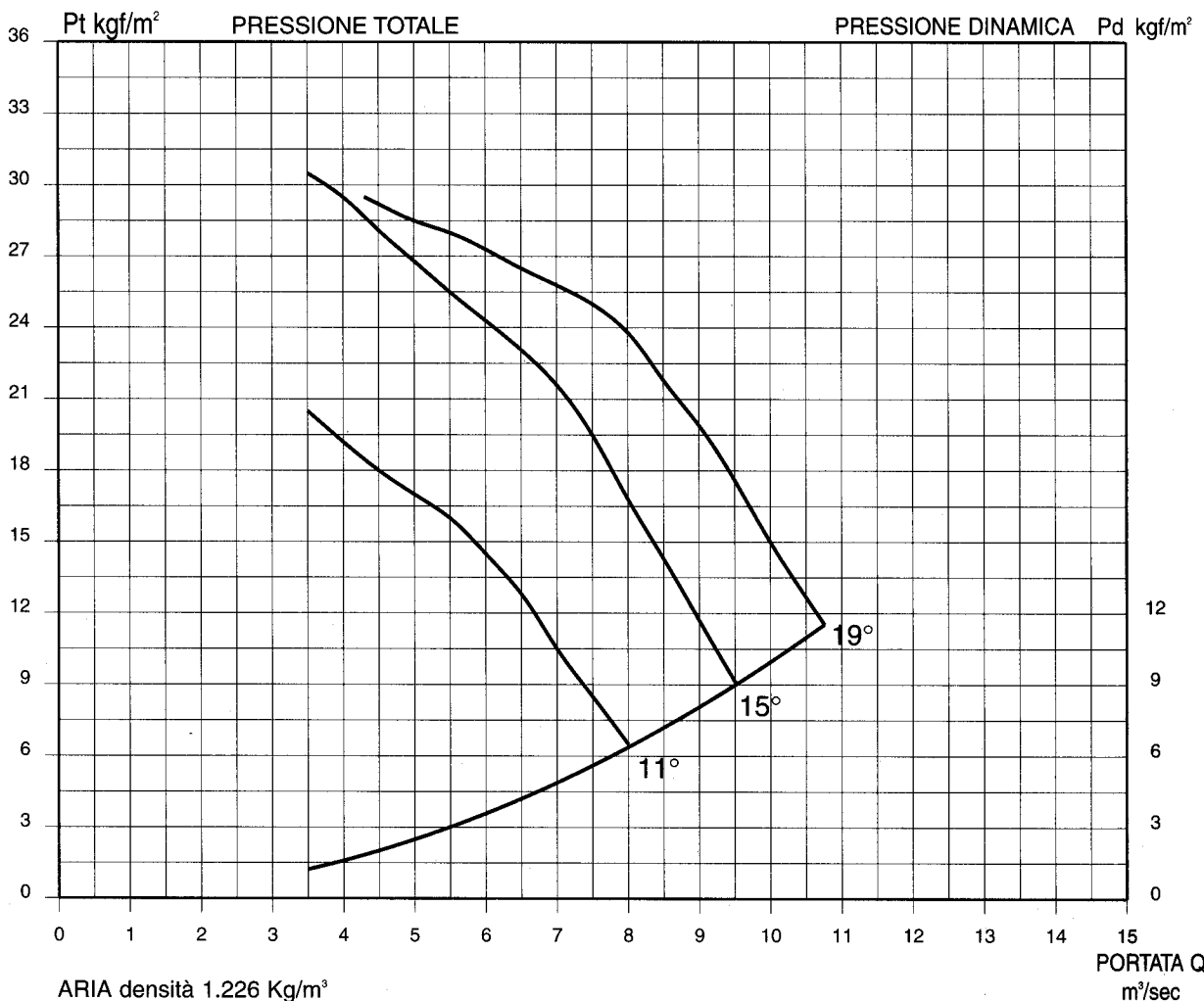
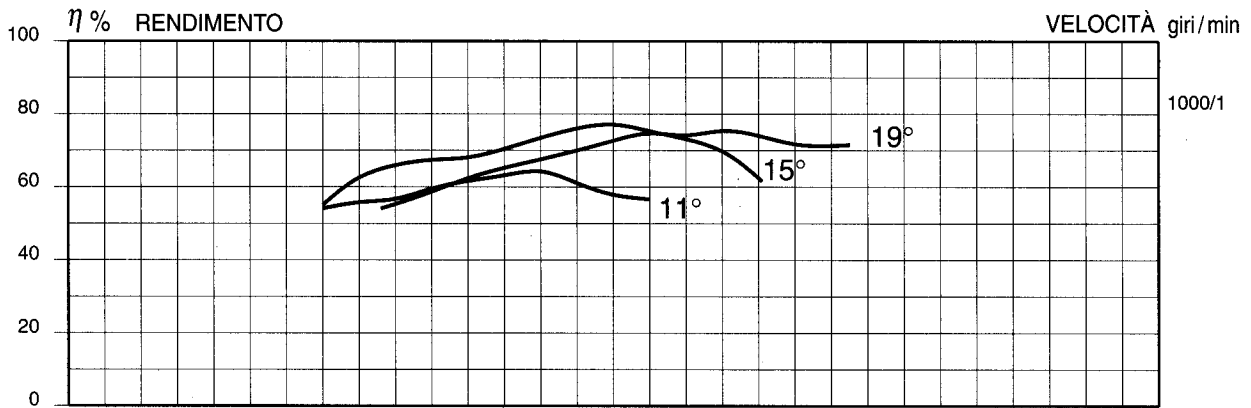
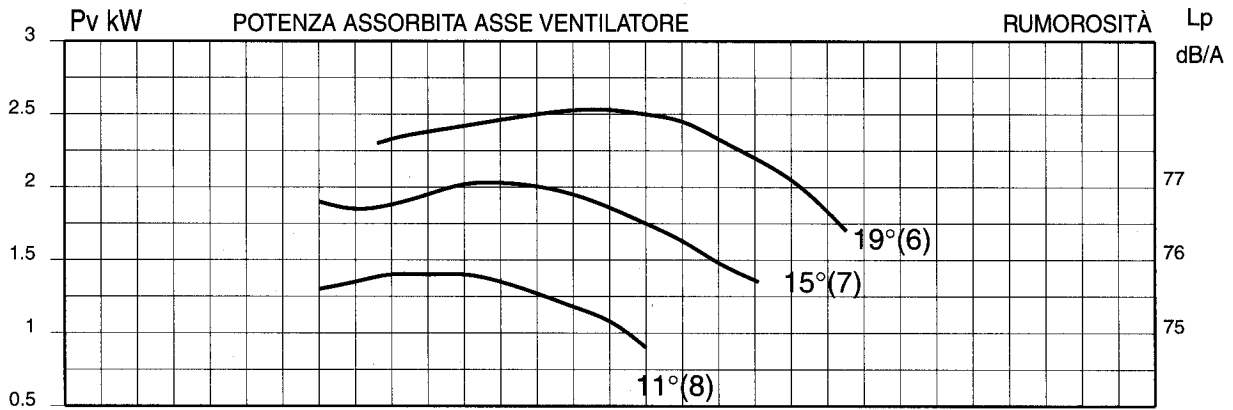
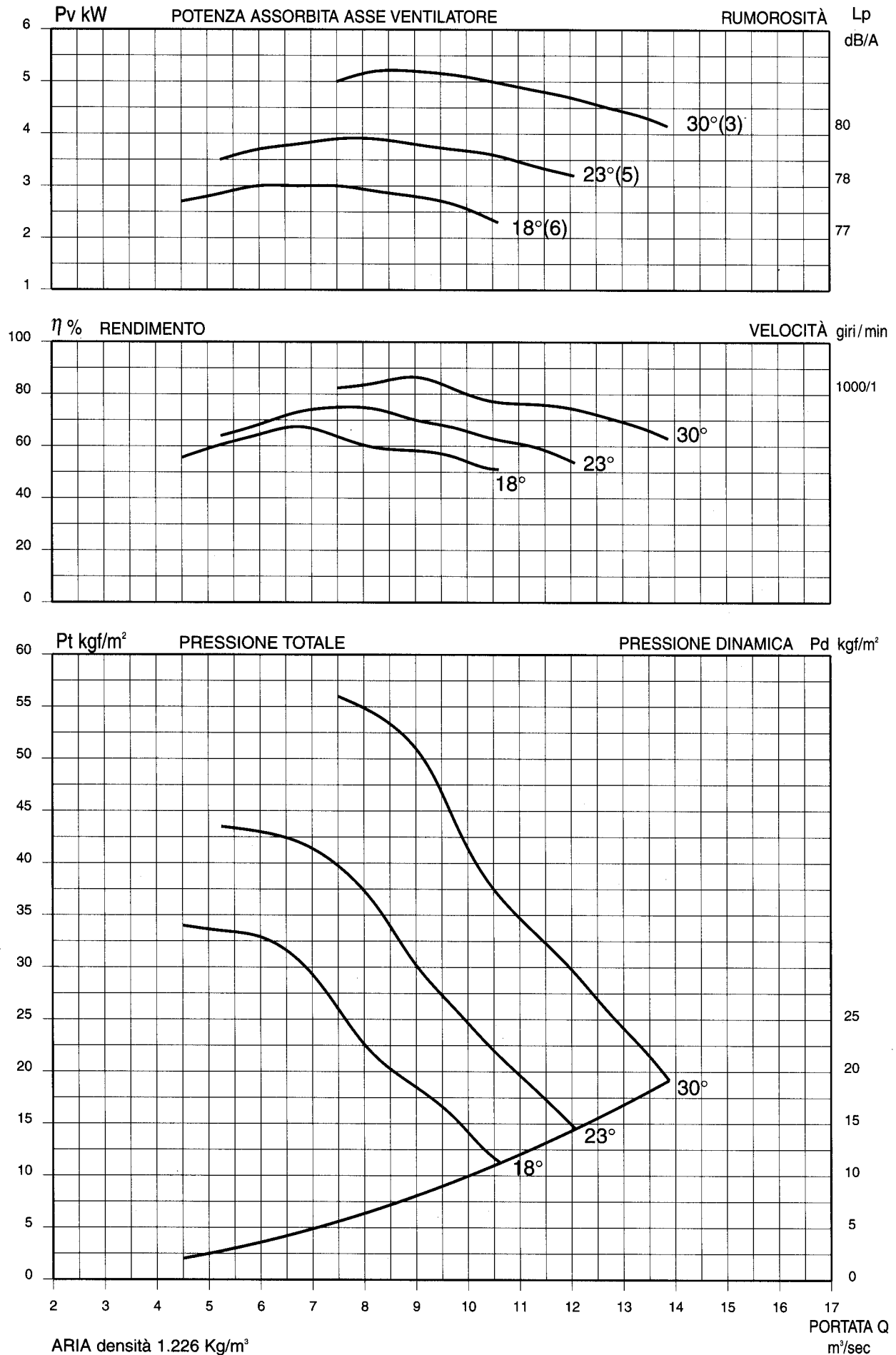
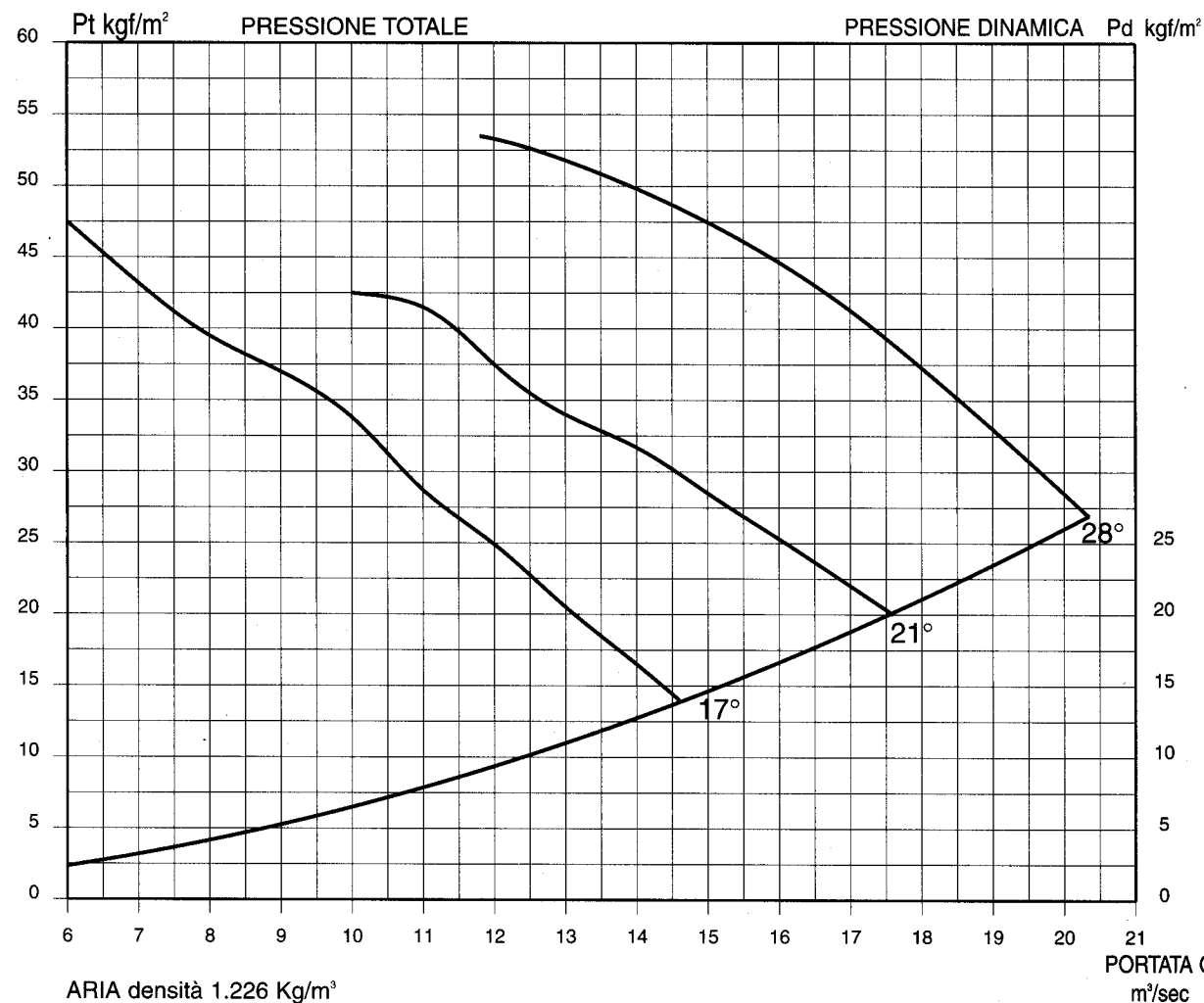
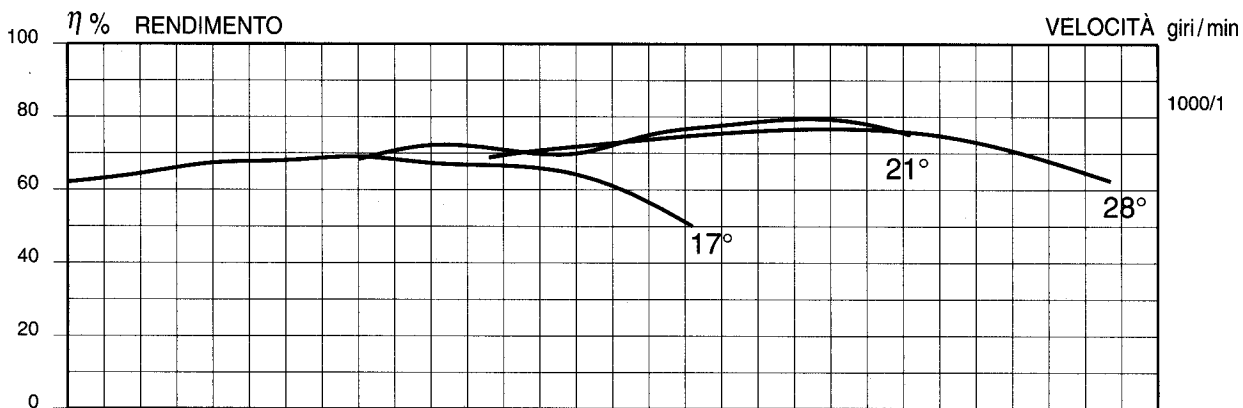
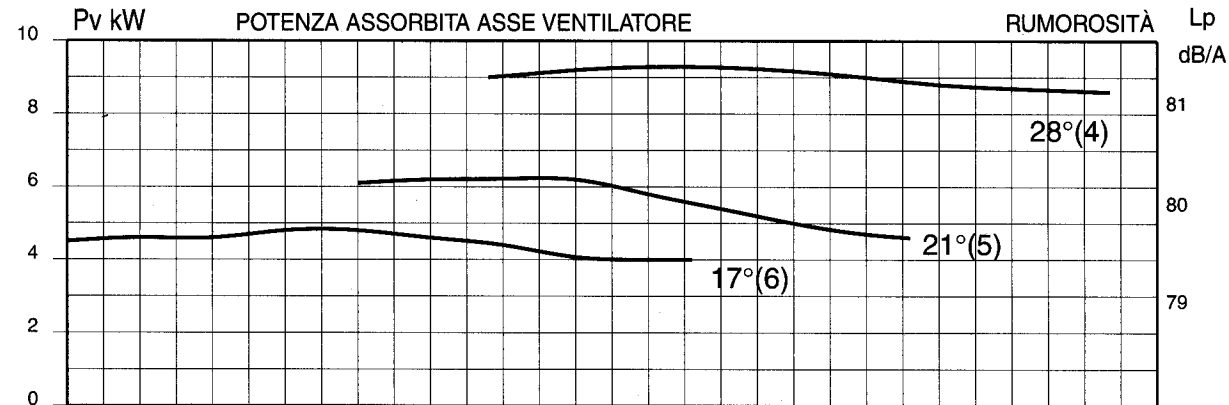




Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm



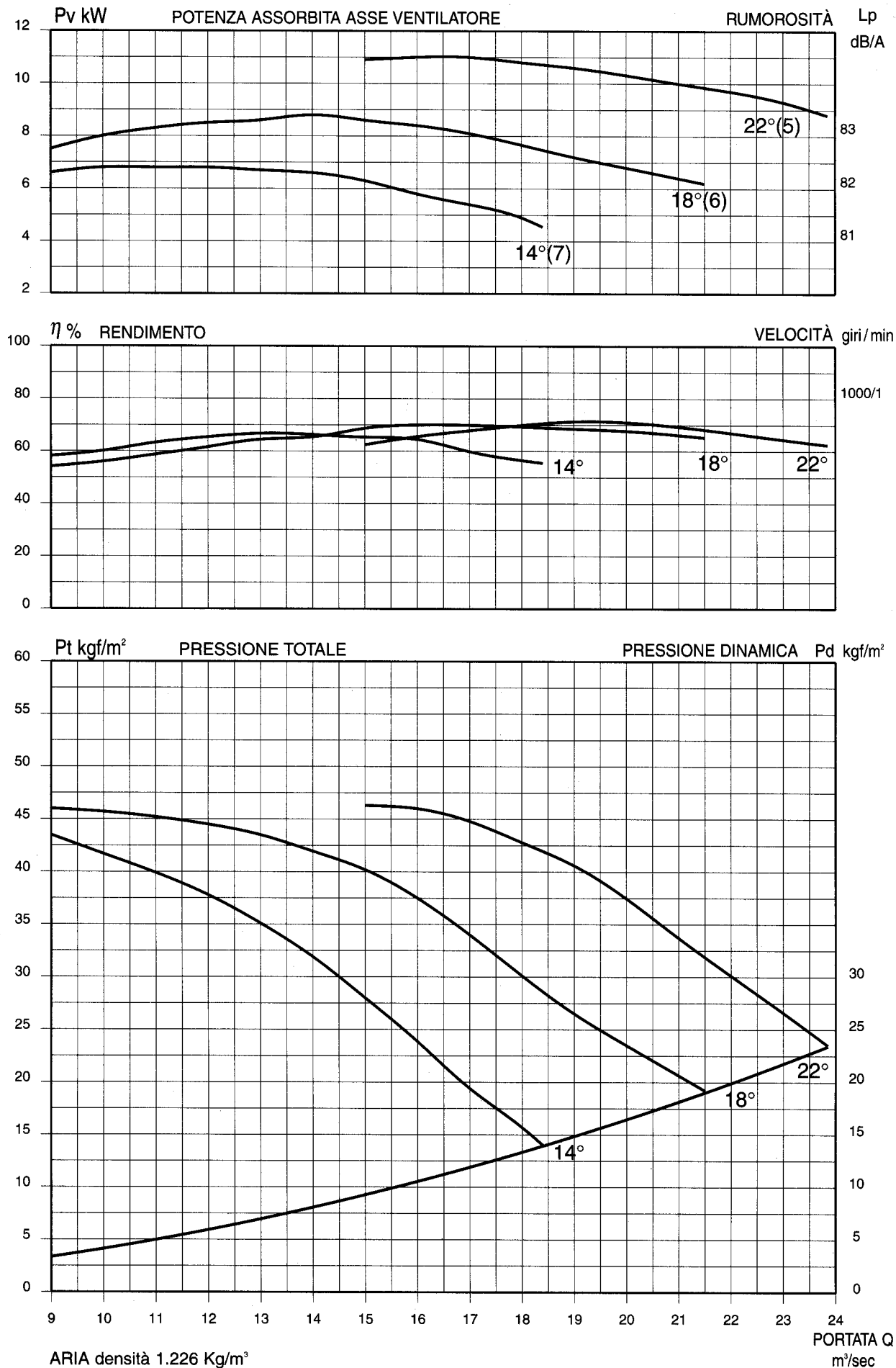


ARIA densità 1.226 Kg/m³

PORTATA Q m³/sec

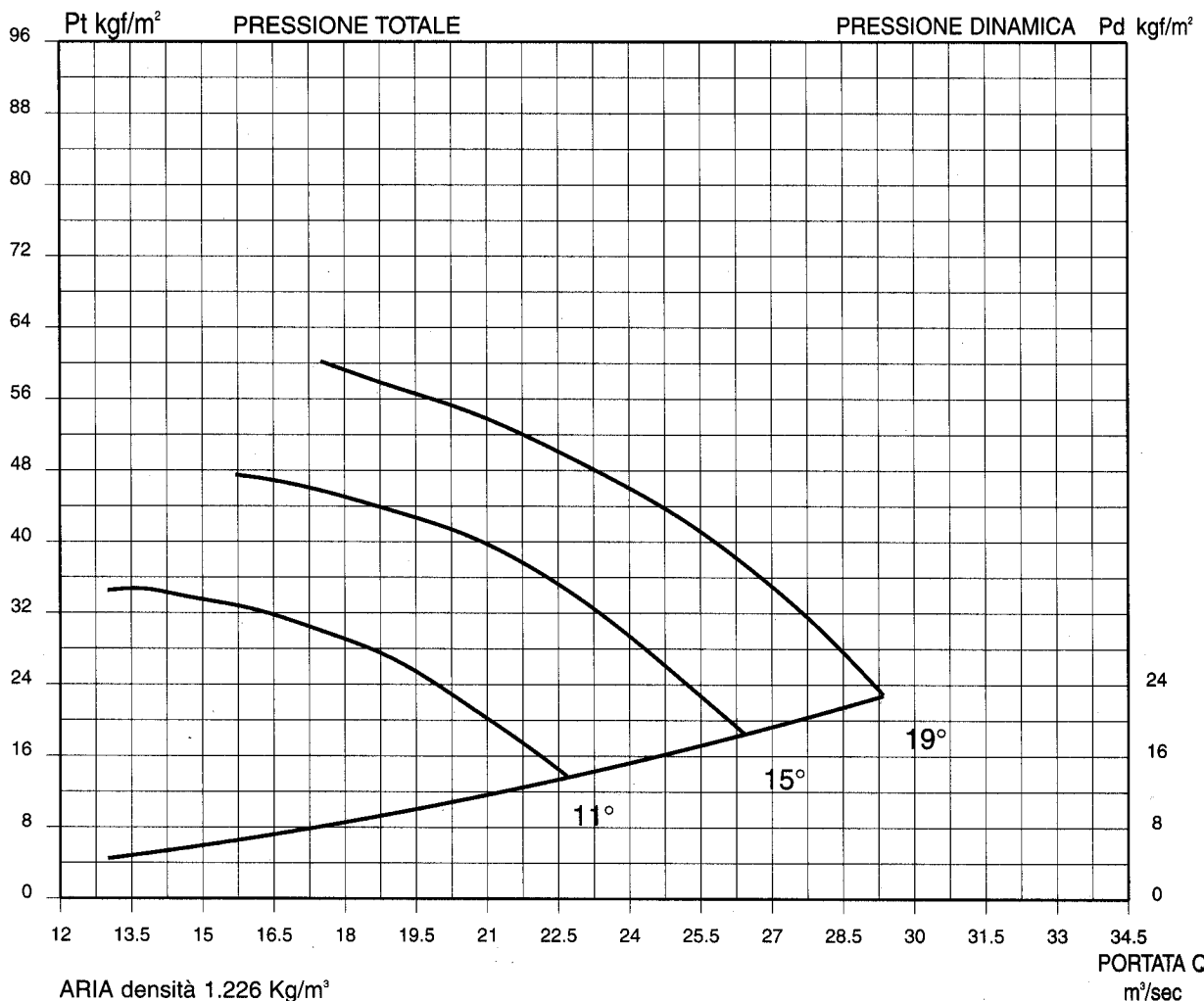
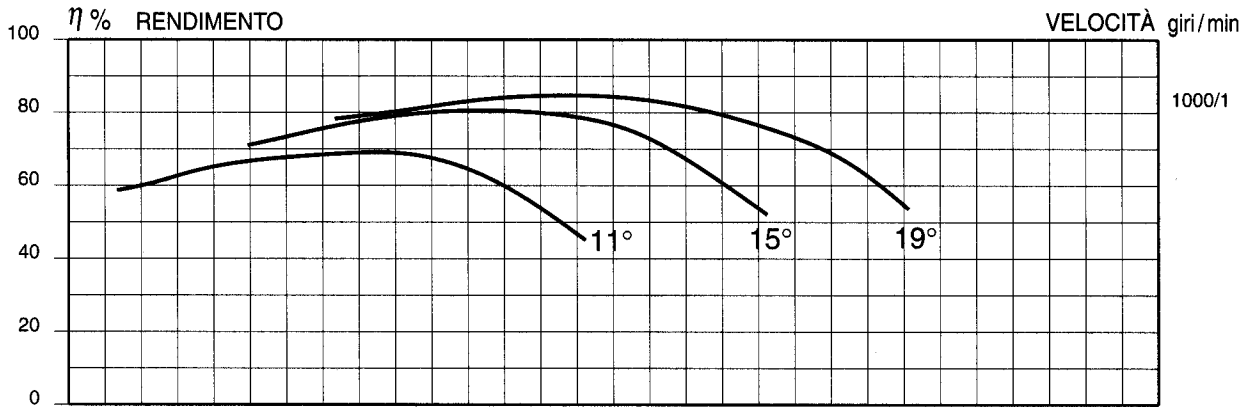
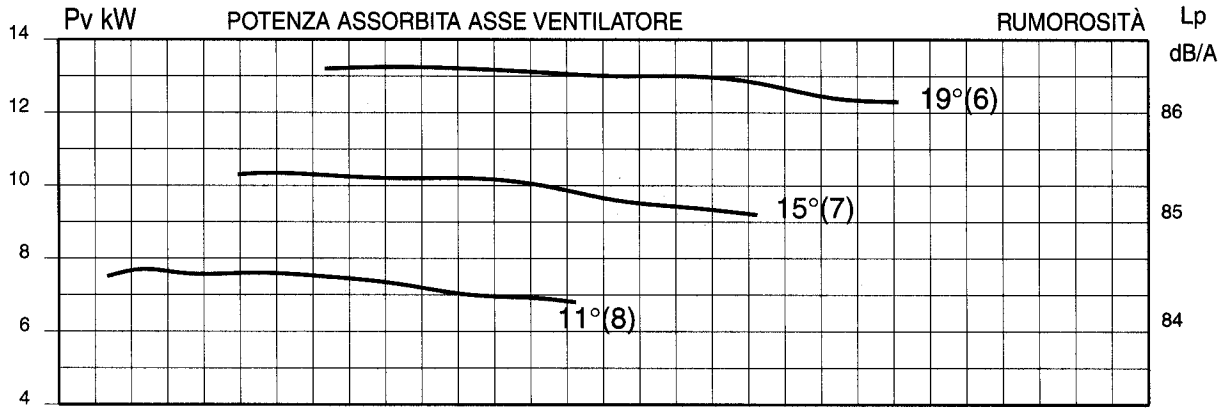


Diagramma di funzionamento in PREMENTE - Diametro girante 1250 mm



ARIA densità 1.226 Kg/m³

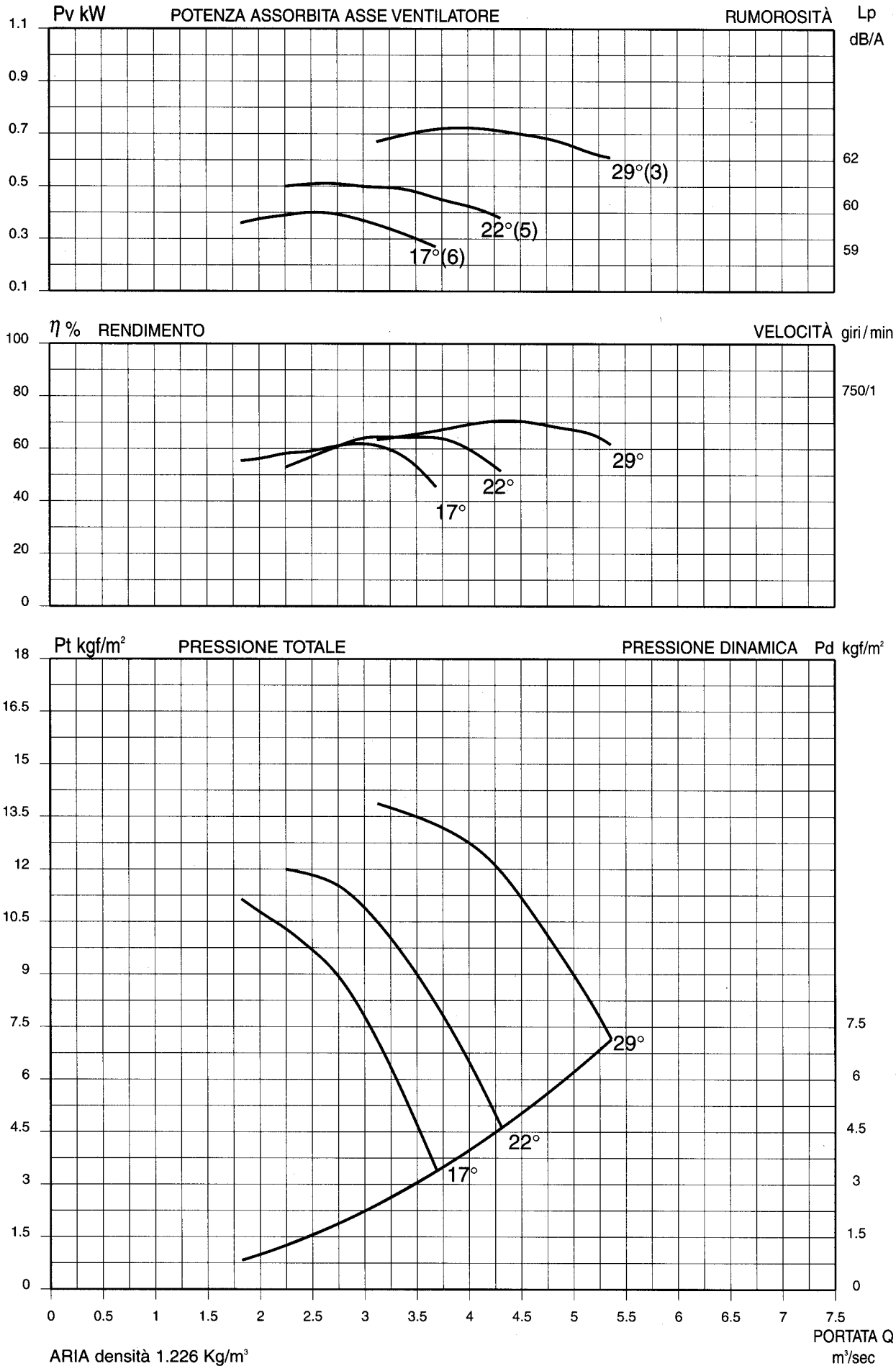
PORTATA Q
m³/sec



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

Potenza installata 0.37-0.55-0.75 kW

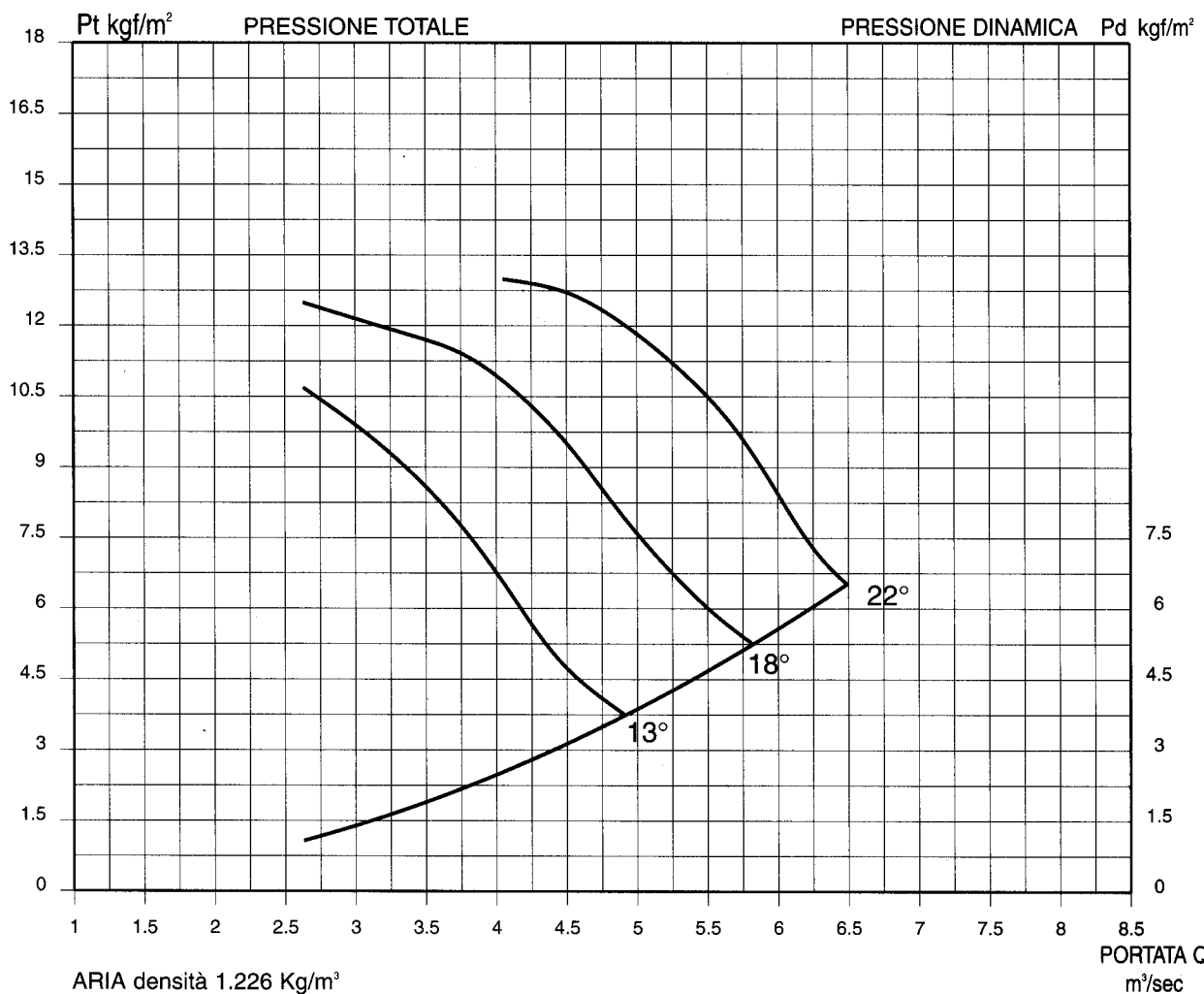
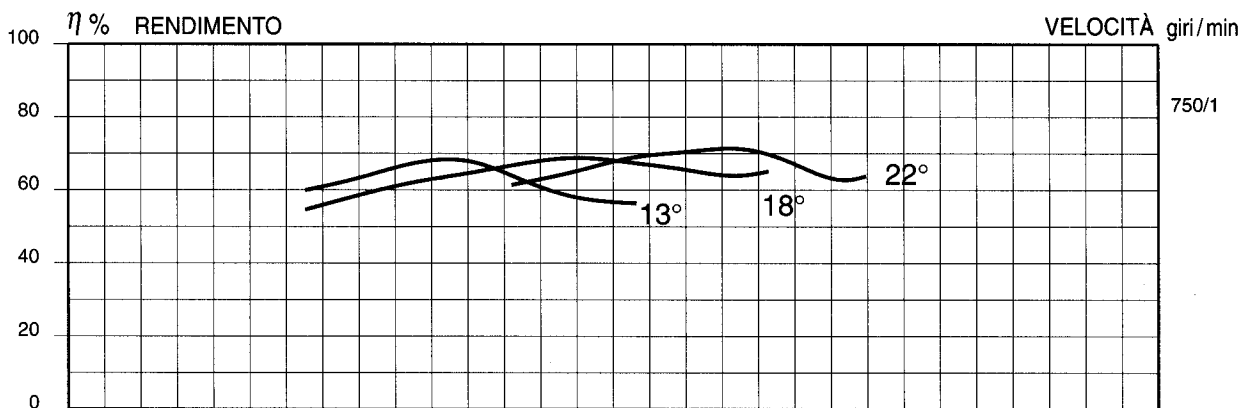
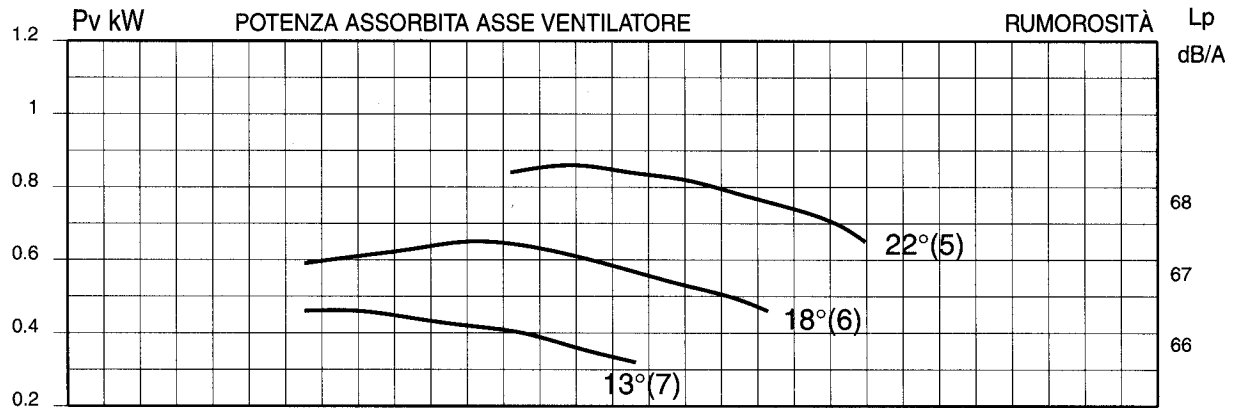
Diagramma di funzionamento in PREMENTE - Diametro girante 800 mm



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

Potenza installata 0.55-0.75-1.1 kW

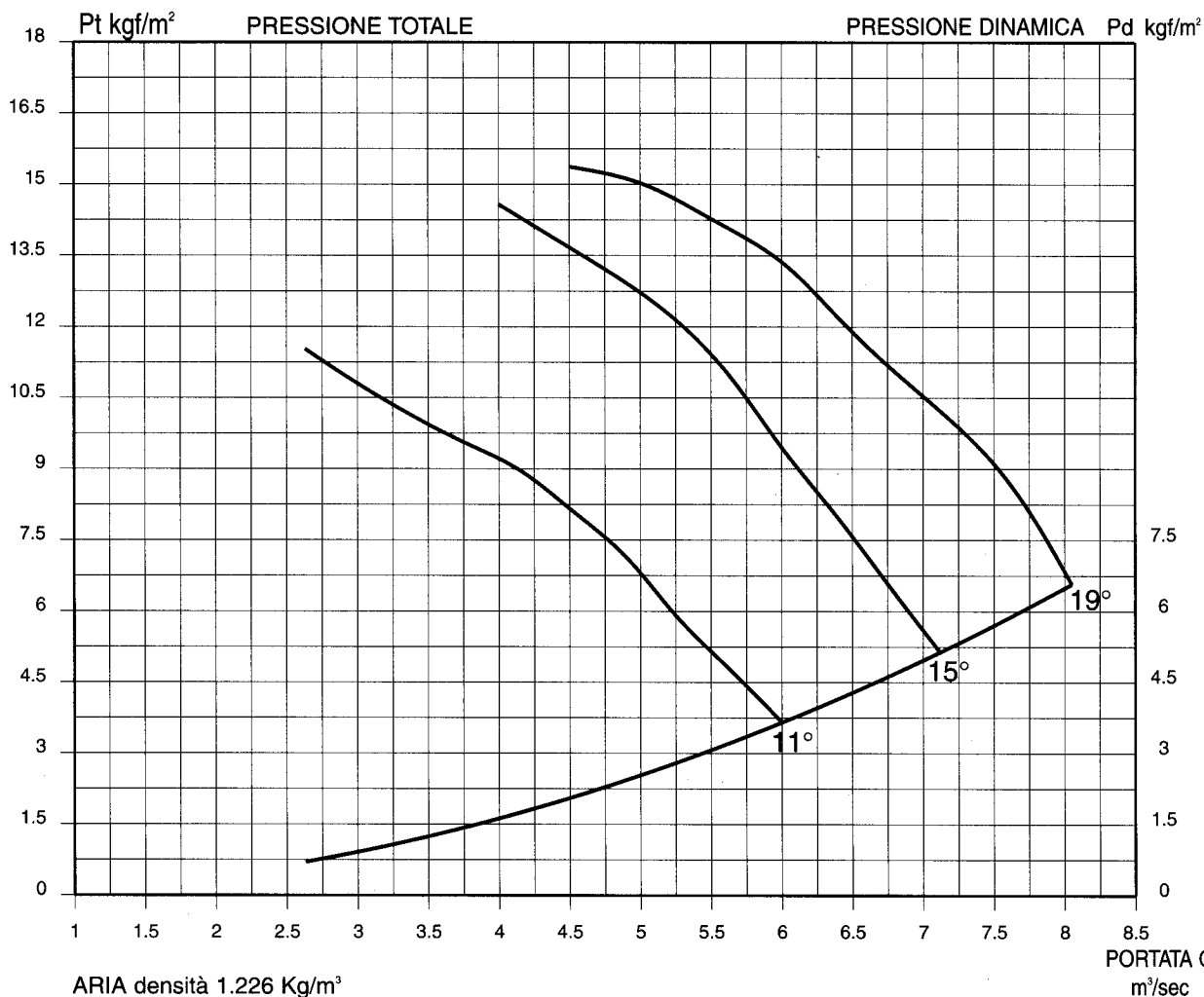
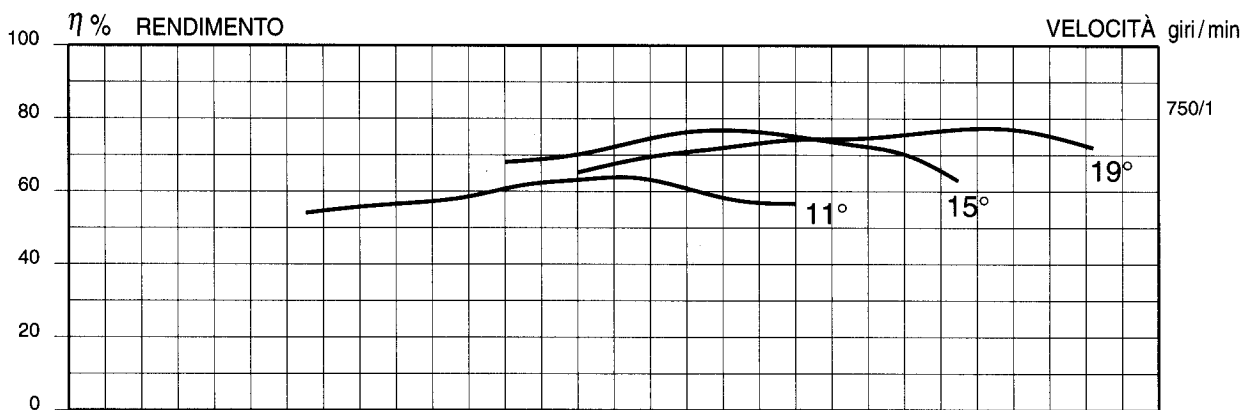
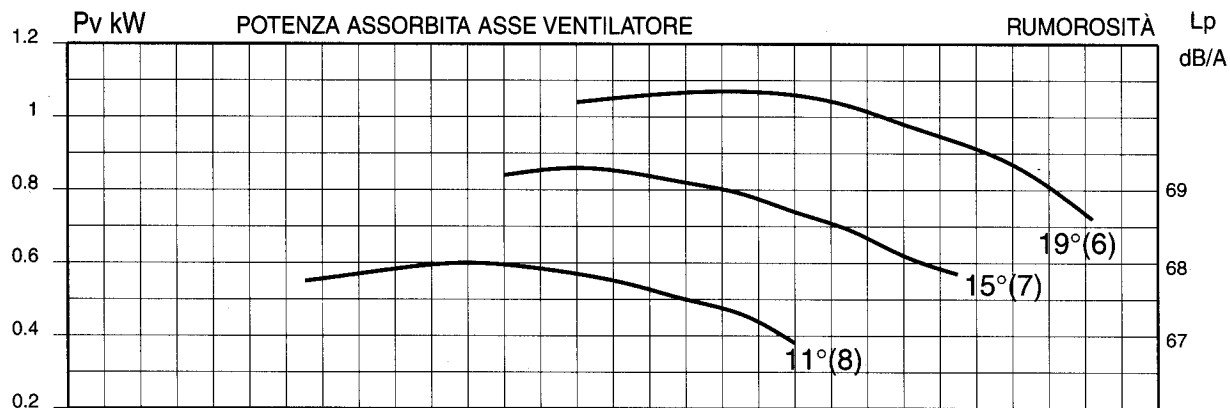
Diagramma di funzionamento in PREMENTE - Diametro girante 900 mm

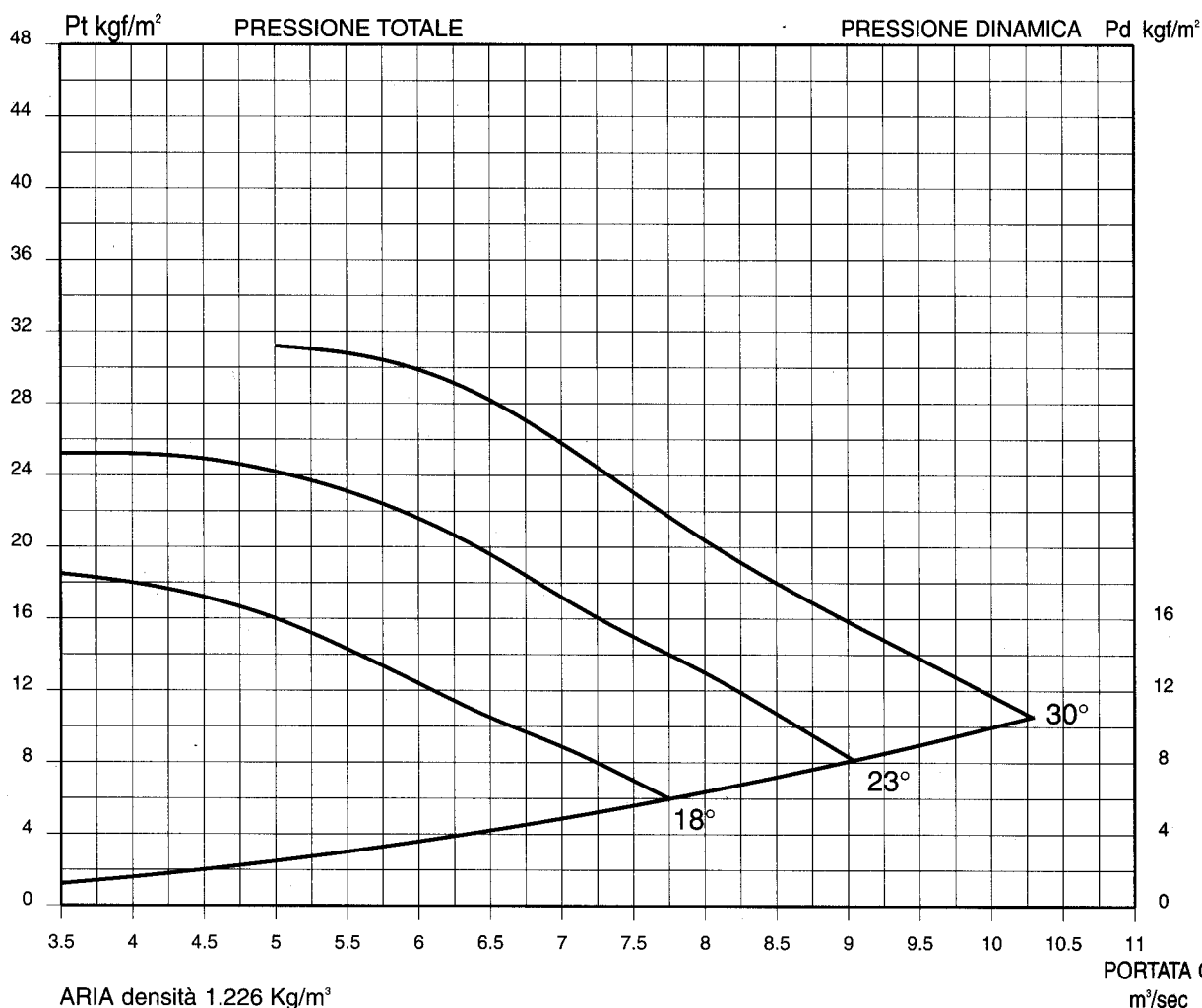
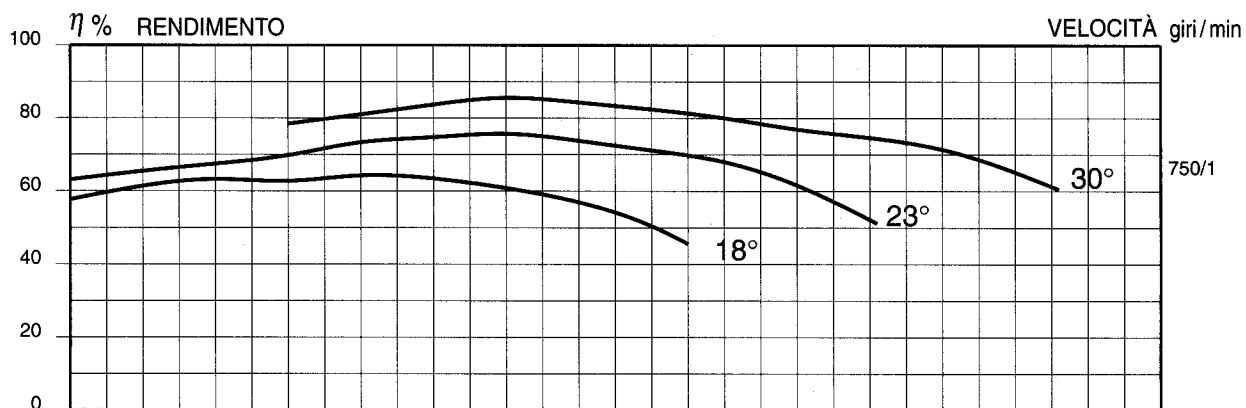
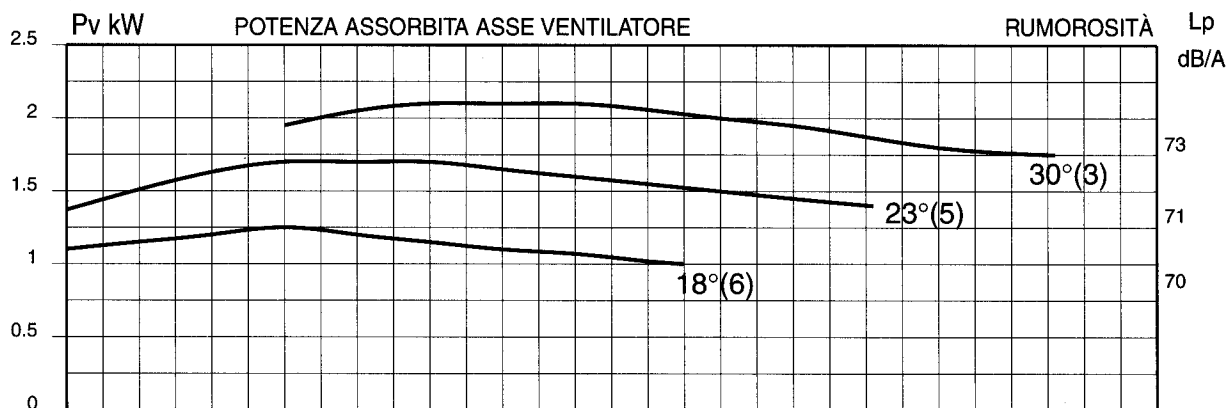


ELVE ES 1008-1007-1006/E 4A/A

Potenza installata 0.75-1.1-1.5 kW

Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm





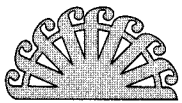
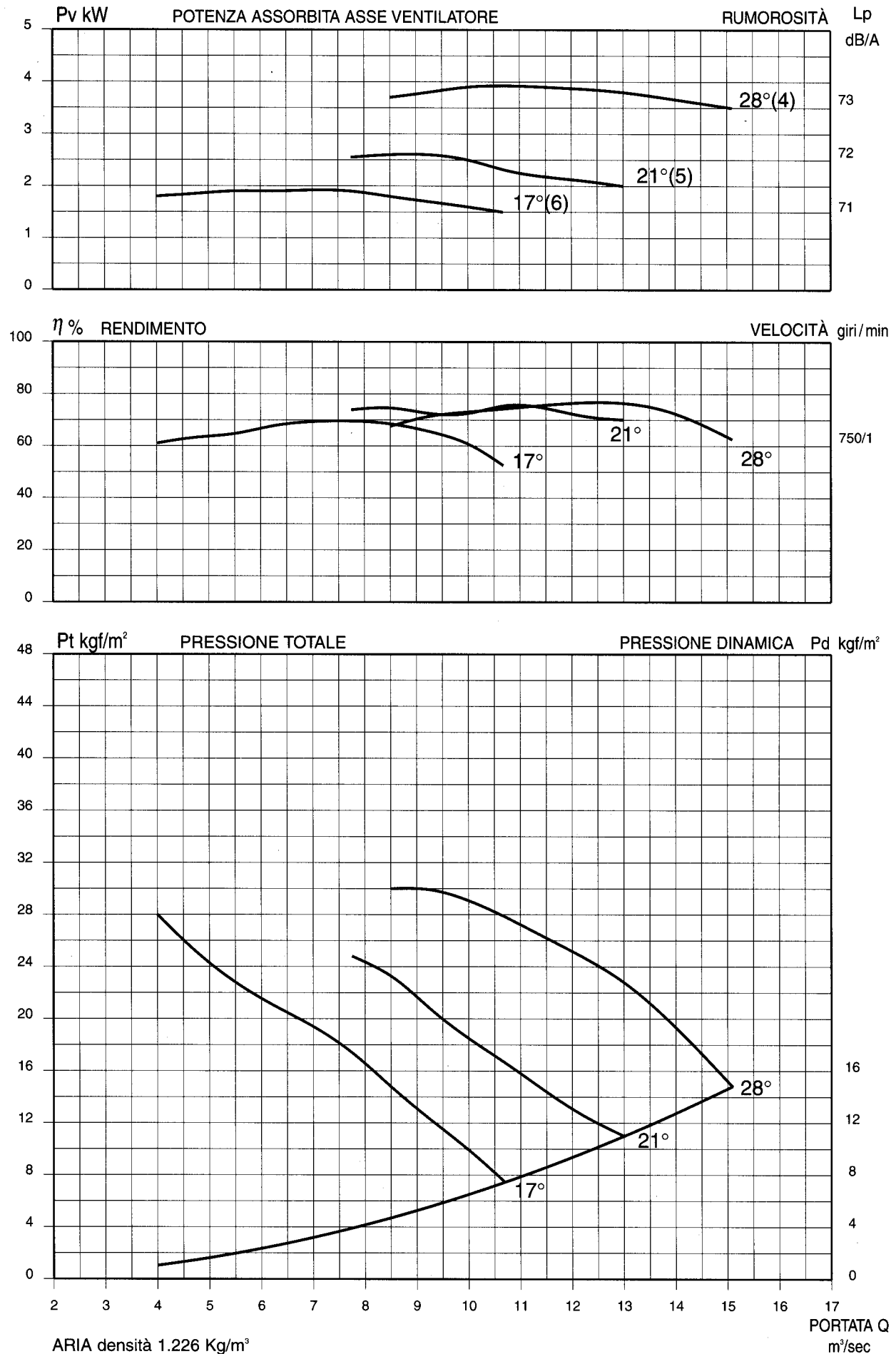


Diagramma di funzionamento in PREMENTE - Diametro girante 1120 mm



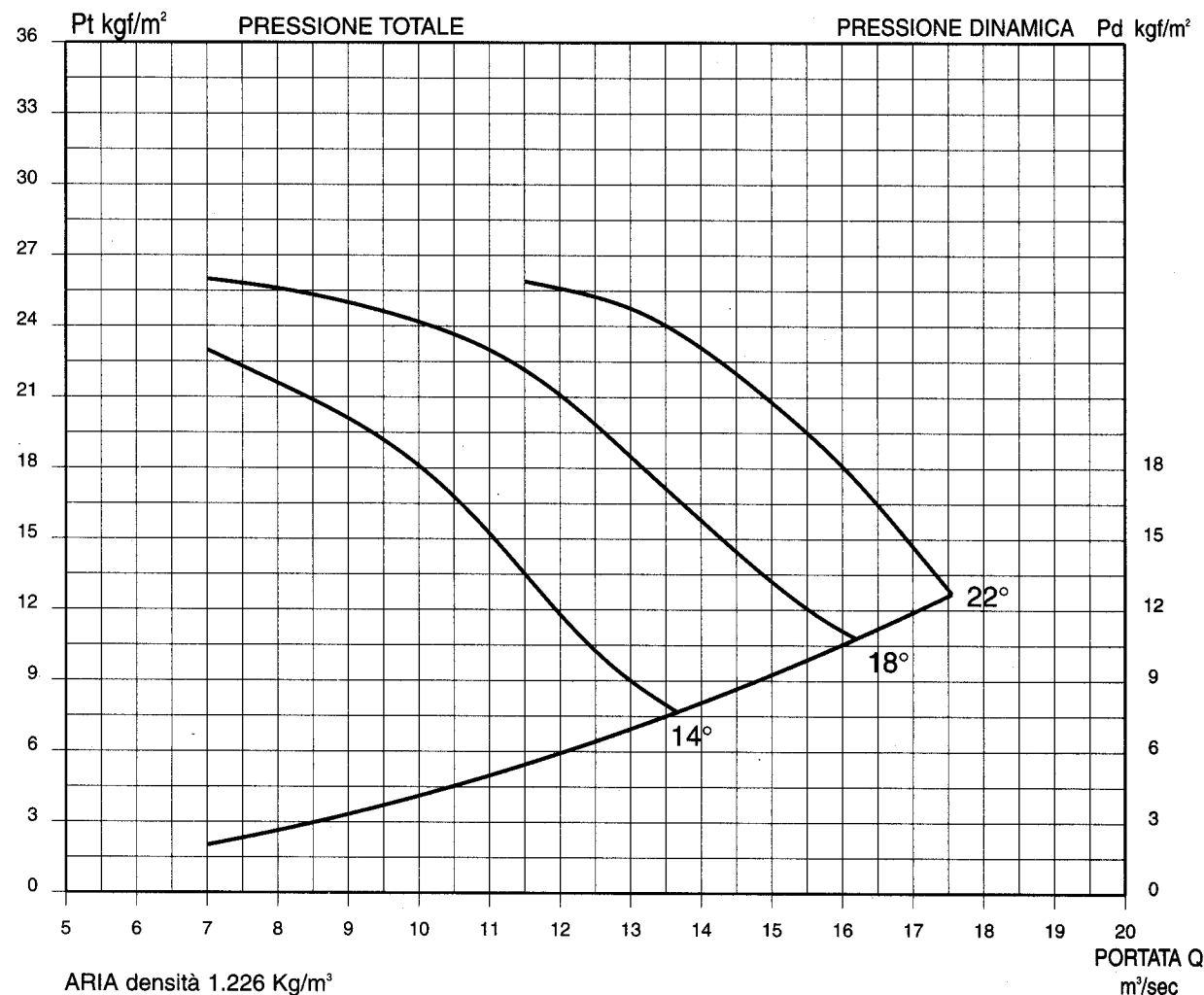
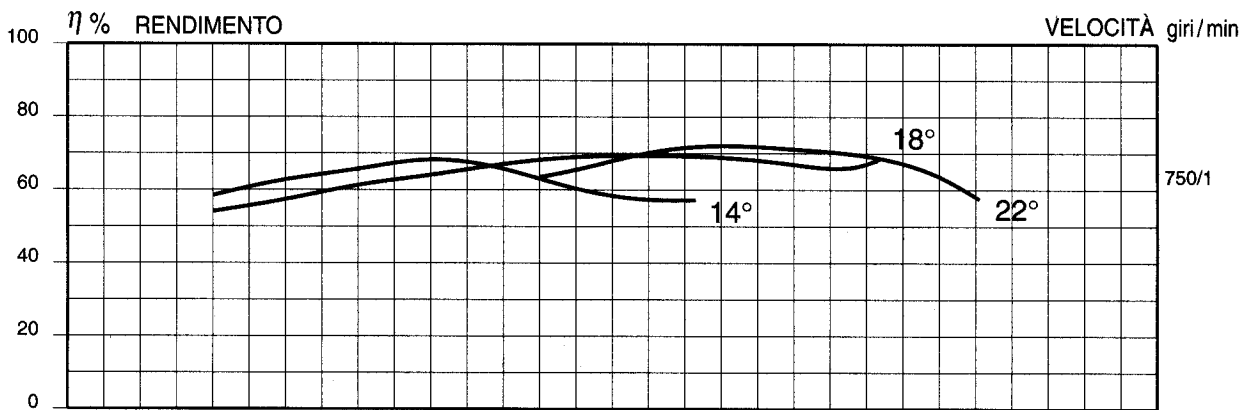
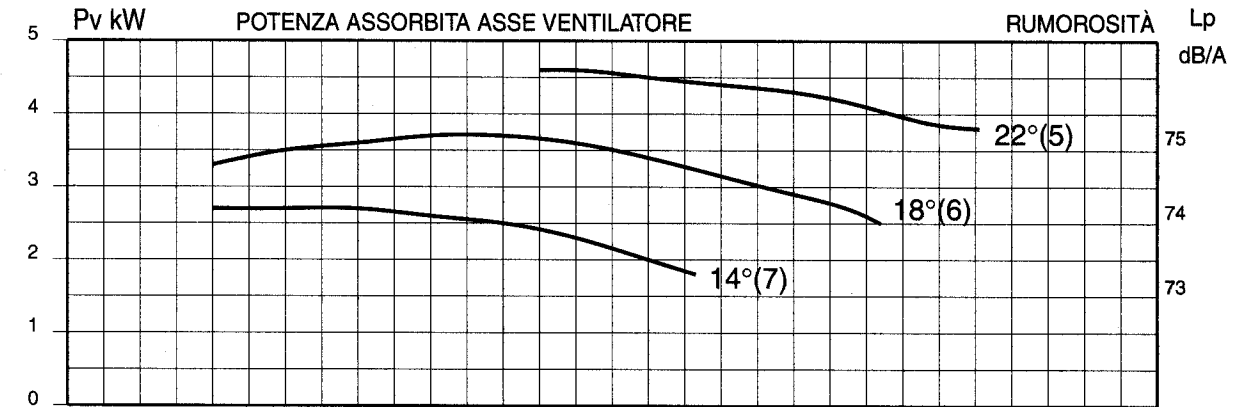




Diagramma di funzionamento in PREMENTE - Diametro girante 1400 mm

