



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, fumi 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 e flangia secondo norme DIN 24154. La girante formata da bussola conica di bloccaggio in ghisa, calotta stampata in acciaio Fe 360 B, pale a profilo alare in lega di alluminio regolabili da fermo è equilibrata dinamicamente secondo il grado 4.

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. The 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. Direct drive. The fan casing is built in hard iron plate Fe360B with wide inlet nozzle and flange according to DIN24154. The impeller consists of a cast-iron bush, hub in steel Fe360B and adjustable blades in cast aluminium. The impeller is dynamically balanced according to grade 4.
The fan is hot dip 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), for special orders 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. La virole est construite en tôle d'acier Fe360B avec pavillon d'aspiration et bride suivant norme DIN 24154.

La turbine équilibrée dynamiquement en grade 4 possède un moyeu forgé en acier Fe360B avec manchon conique en fonte et des pales en aluminium réglables à l'arrêt.

Les ventilateurs sont galvanisés a chaud.

MOTEUR. Le moteur est triphasé, 220/380 Volt, 50 Hz, forme B3; (autres frequences, 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. Die konstruktive Auslegung dieser Ventilatoren mit großer Einströmdüse trägt zur Minimierung der in Fabriken anliegenden Geräuschpegel bei. Diese Serie eignet sich besonders zur Absaugung von Reinluft, Dämpfen und Gasen - z.B.: bei Heizungsanlagen, Gießereien, Schreinereien, Papierfabriken, chemischer Industrie, Kühlerbau, Kühltürmen sowie Transformatoren.

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

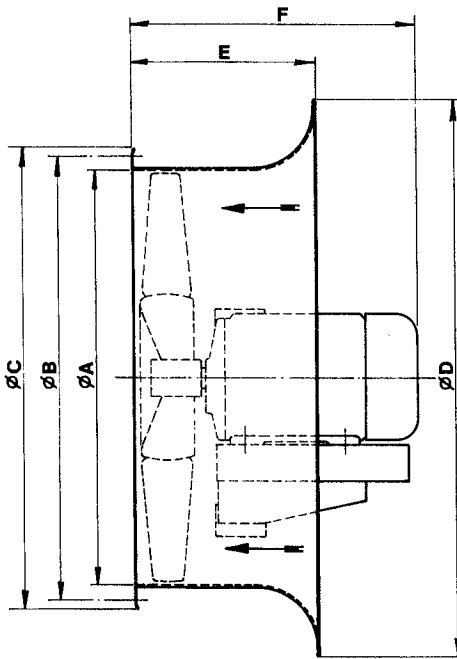
BAUFORM. Direktantrieb, Gehäuse aus Stahl mit serienmäßig tiefgezogener Einströmdüse sowie druckseitigem Gegenflansch nach DIN 24154.

Lauftrad mit konischer Nabe aus Grauguß sowie mit im Stillstand verstellbaren Flügelprofilschaufeln. Alle Laufräder sind präzise dynamisch ausgewuchtet.

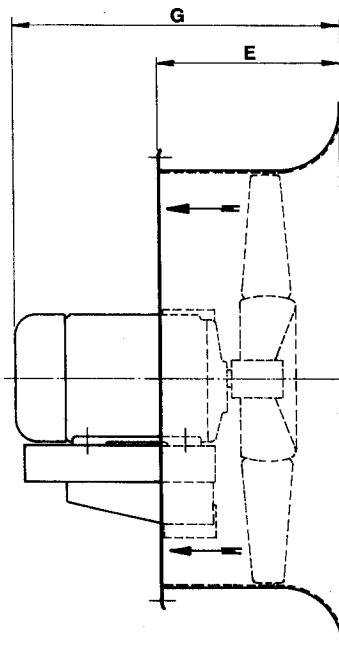
Die Gehäuse sind serienmäßig feuerverzinkt.

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

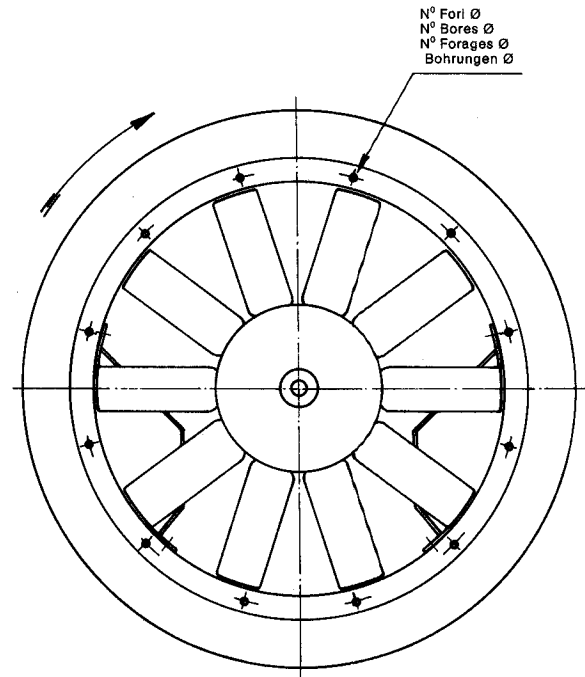
LUFTRICHTUNG. Ohne Angabe wird serienmäßig geliefert: Über Motor saugend = "A"; Ausführung über Motor drückend = "B" muß spezifiziert werden.



Esecuzione "A" (di serie)
Arrangement "A" (in series)
Arrangement "A" (de la série)
Ausführung "A" (serienmäßig)



Esecuzione "B"
Arrangement "B"
Arrangement "B"
Ausführung "B"



Tipo - Type - typ	Ventilatore Fan Ventilateur	Motore Motor Moteur	A	B	C	D	E	F	G	N°	Ø	Peso Weight Poids Gewicht Kgf	PD2 GD2
ES 906/H 4A	132 M44							551	663			132	
ES 905/H 4A	132 MB4							551	663			137	
ES 904/H 4A	160 M4		900	958	1005	1200	450	656	768	16	12	195	4,5
ES 905/H 4A	132 SA6							551	663			106	
ES 904/H 4A	132 SA6							551	663			106	
ES 903/H 4A	132 MA6							551	663			124	
ES 1006/K 4A	160 M4							656	768			215	
ES 1005/K 4A	160 L4							656	768			235	
ES 1004/K 4A	180 M4							740	852			270	
ES 1005/K 4A	132 MA6							551	663			145	
ES 1004/K 4A	132 MB6		1000	1067	1107	1340	450	551	663	24	12	155	7,1
ES 1003/K 4A	160 M6							656	768			295	
ES 1005/K 4A	132 SB8							551	663			136	
ES 1004/K 4A	132 SB8							551	663			136	
ES 1003/K 4A	132 MB8							551	663			155	
ES 1126/H 4A	180 L4							780	910			290	
ES 1125/H 4A	200 L4							850	980			380	
ES 1124/H 4A	200 L4							850	980			380	
ES 1125/H 4A	160 M6							680	810			240	
ES 1124/H 4A	160 L6		1120	1200	1248	1490	500	680	810	24	12	250	11
ES 1123/H 4A	180 L6							780	910			280	
ES 1125/H 4A	132 MA8							600	730			215	
ES 1124/H 4A	160 MR8							680	810			235	
ES 1123/H 4A	160 M8							680	810			240	
ES 1256/H 4A	225 S4							890	1000			440	
ES 1255/H 4A	225 M4		1250	1337	1380	1670	560	890	1000	24	12	460	16
ES 1254/H 4A	250 M4							950	1060			530	

Tipo - Type - typ	Ventilatore Fan Ventilateur	Motore Motor Moteur	A	B	C	D	E	F	G	N°	Ø	Peso Weight Poids Gewicht Kgf	PD2 GD2
ES 1255/H 4A	180 L6							800	910			310	
ES 1254/H 4A	180 L6							800	910			310	
ES 1253/H 4A	200 LR6		1250	1337	1380	1670	560	870	980	24	12	390	16
ES 1255/H 4A	160 L8							700	810			280	
ES 1254/H 4A	160 L8							700	810			280	
ES 1253/H 4A	180 L8							800	910			320	
ES 1406/H 4A	200 LR6							890	1070			480	
ES 1405/H 4A	200 L6							890	1070			500	
ES 1404/H 4A	225 M6		1400	1491	1540	1870	630	820	1090	32	12	550	25
ES 1405/H 4A	180 L8							830	1010			415	
ES 1404/H 4A	200 L8							890	1070			500	
ES 1403/H 4A	200 L8							890	1070			500	
ES 1606/H 4A	250 M6							1000	1190			670	
ES 1605/H 4A	280 S6							1150	1340			740	
ES 1604/H 4A	280 M6		1600	1663	1730	2090	670	1150	1340	32	14	780	39
ES 1605/H 4A	225 S8							940	1130			590	
ES 1604/H 4A	225 M8							940	1130			610	
ES 1603/H 4A	250 M8							1000	1190			690	
ES 1806/H 4A	280 M6							1170	1370			960	
ES 1805/H 4A	315 S6							1180	1350			1080	
ES 1804/H 4A	315 M6		1800	1856	1930	2320	750	1180	1350	32	14	1130	77
ES 1805/H 4A	280 S8							1170	1370			960	
ES 1804/H 4A	280 M8							1170	1370			990	
ES 1803/H 4A	315 S8							1180	1350			1070	

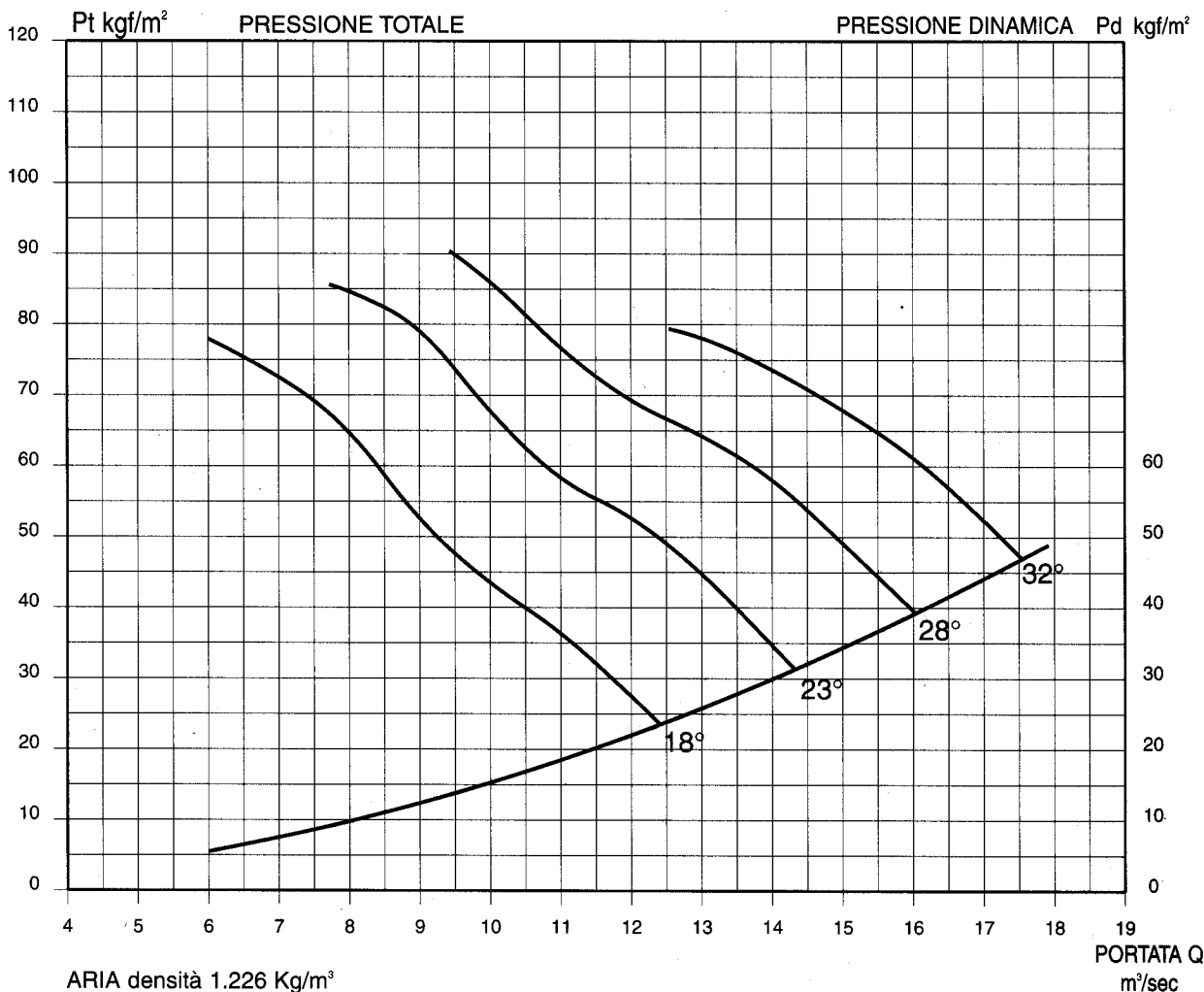
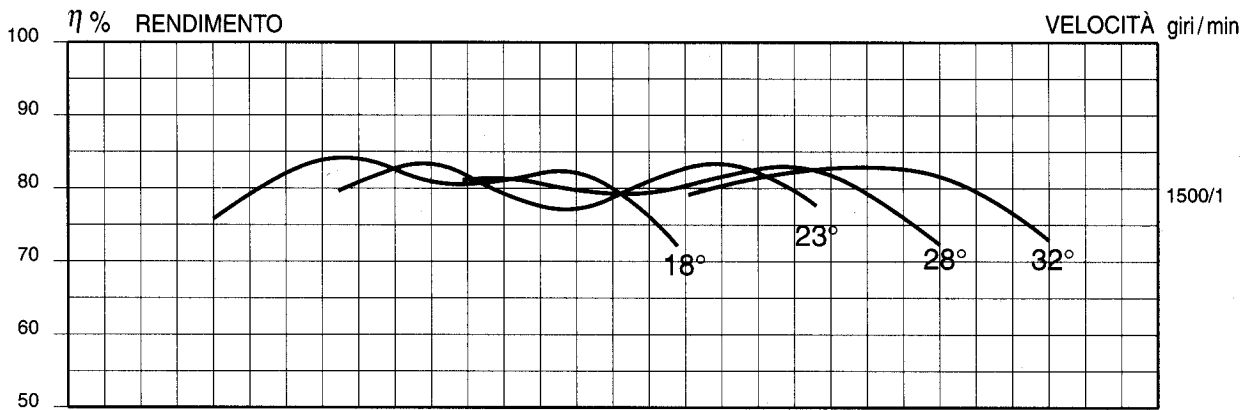
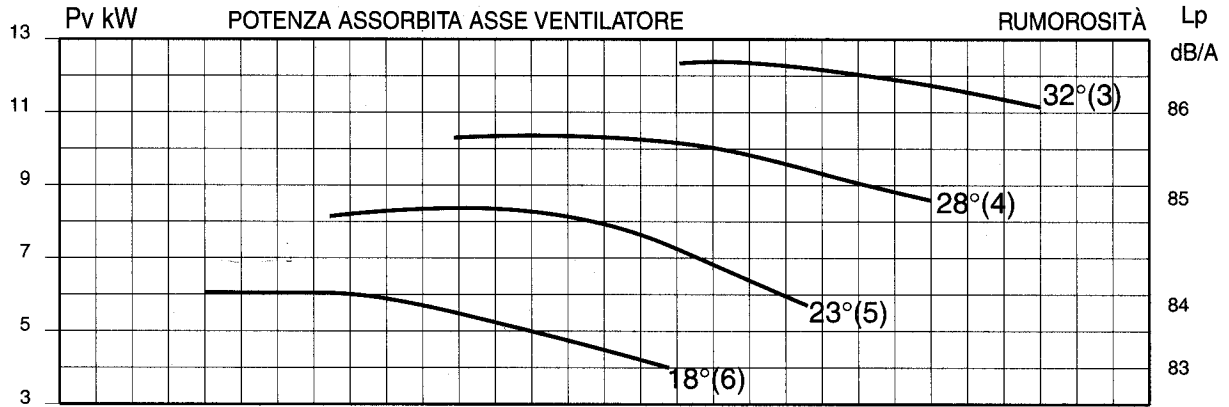




Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm

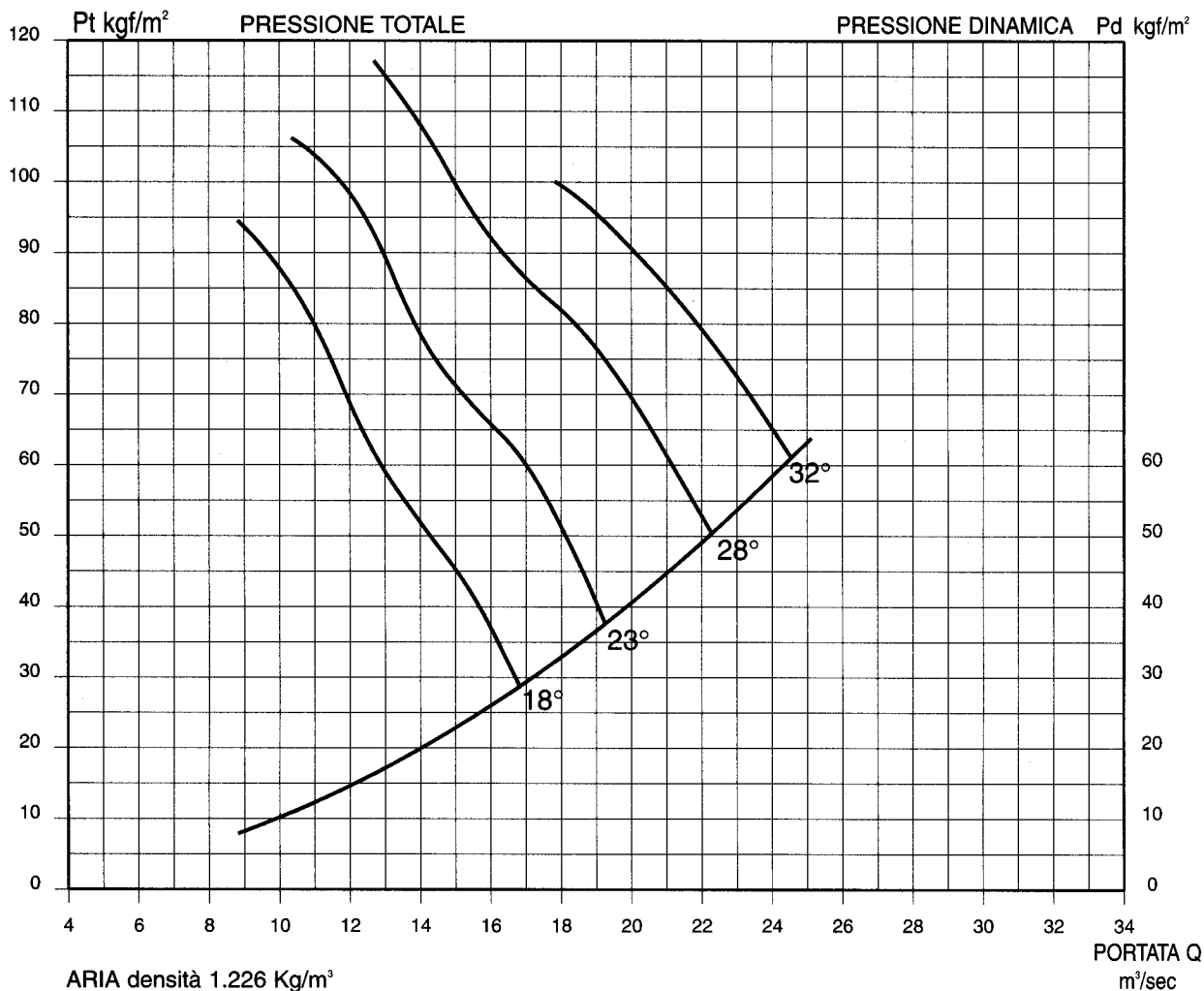
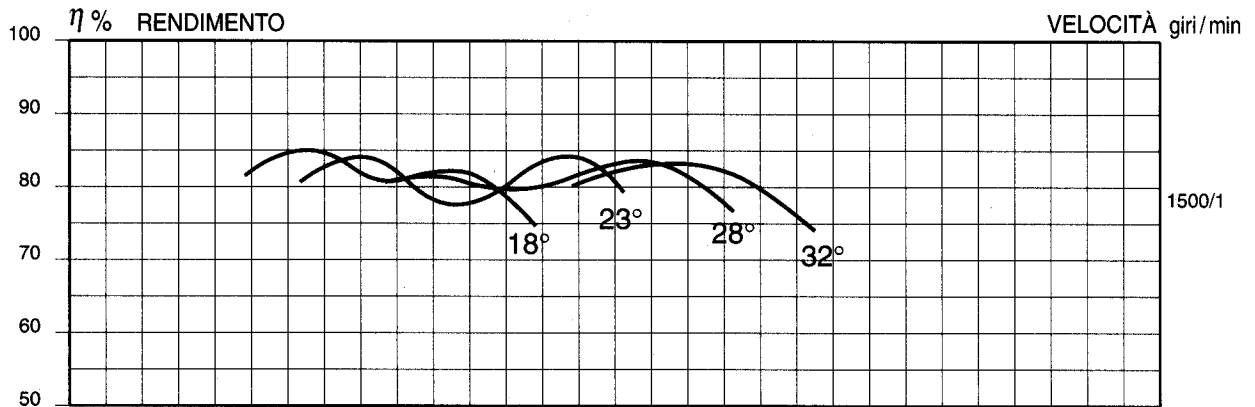
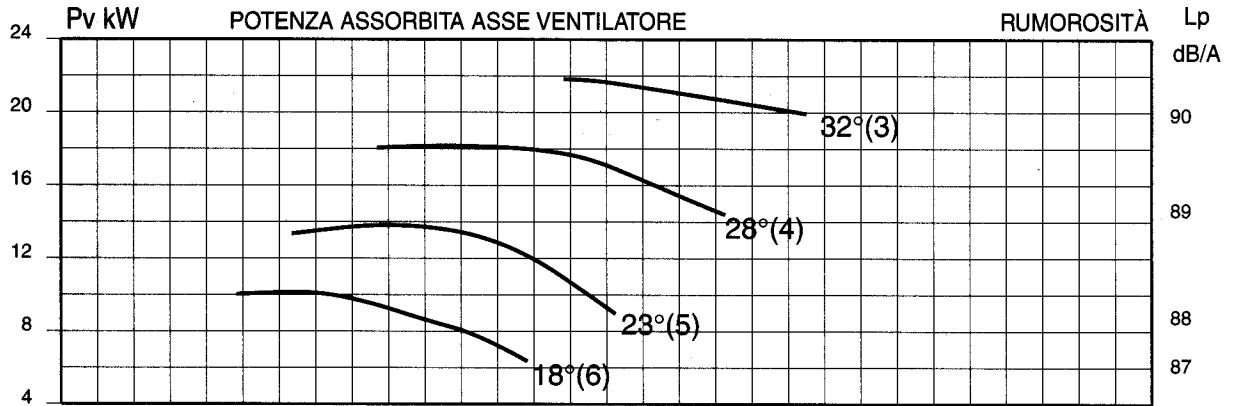




Diagramma di funzionamento in PREMENTE - Diametro girante 1120 mm

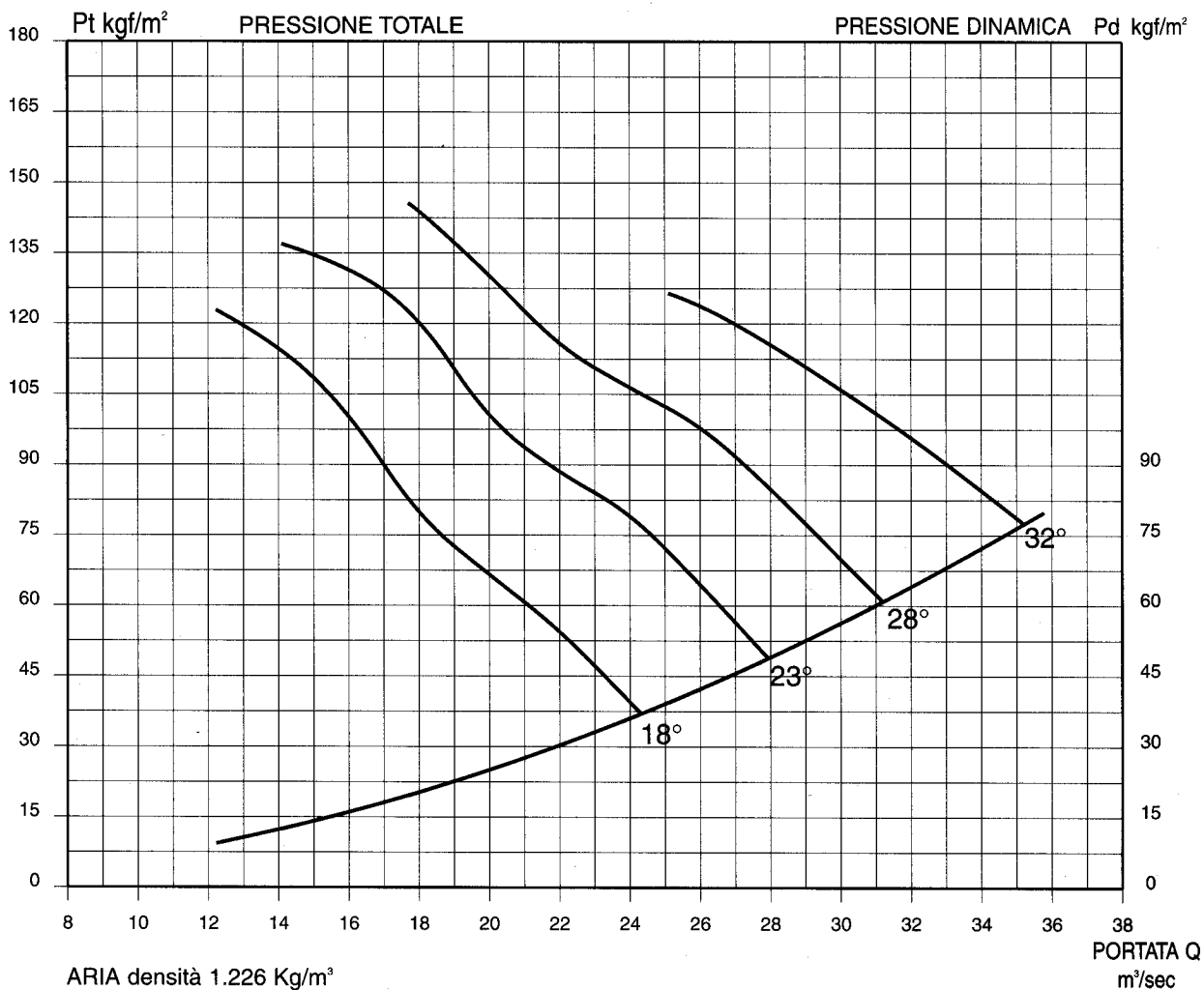
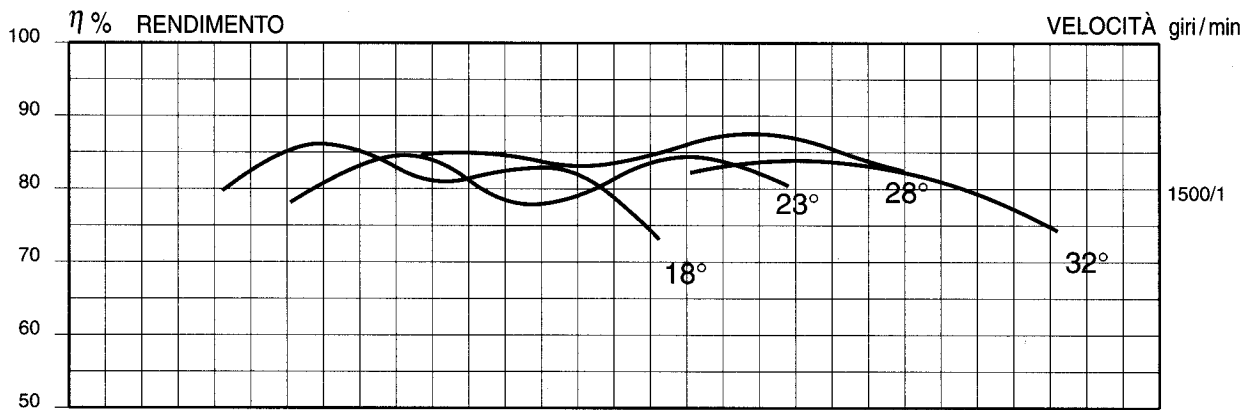
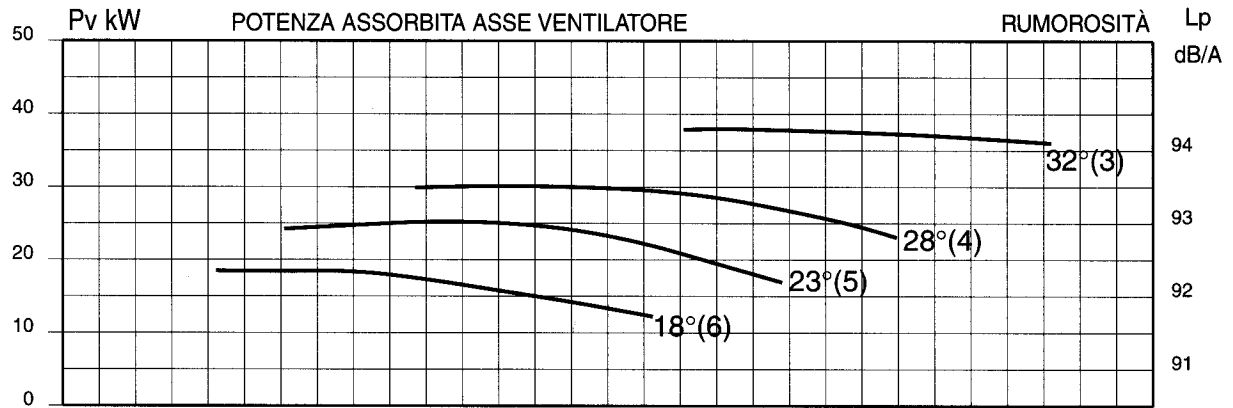
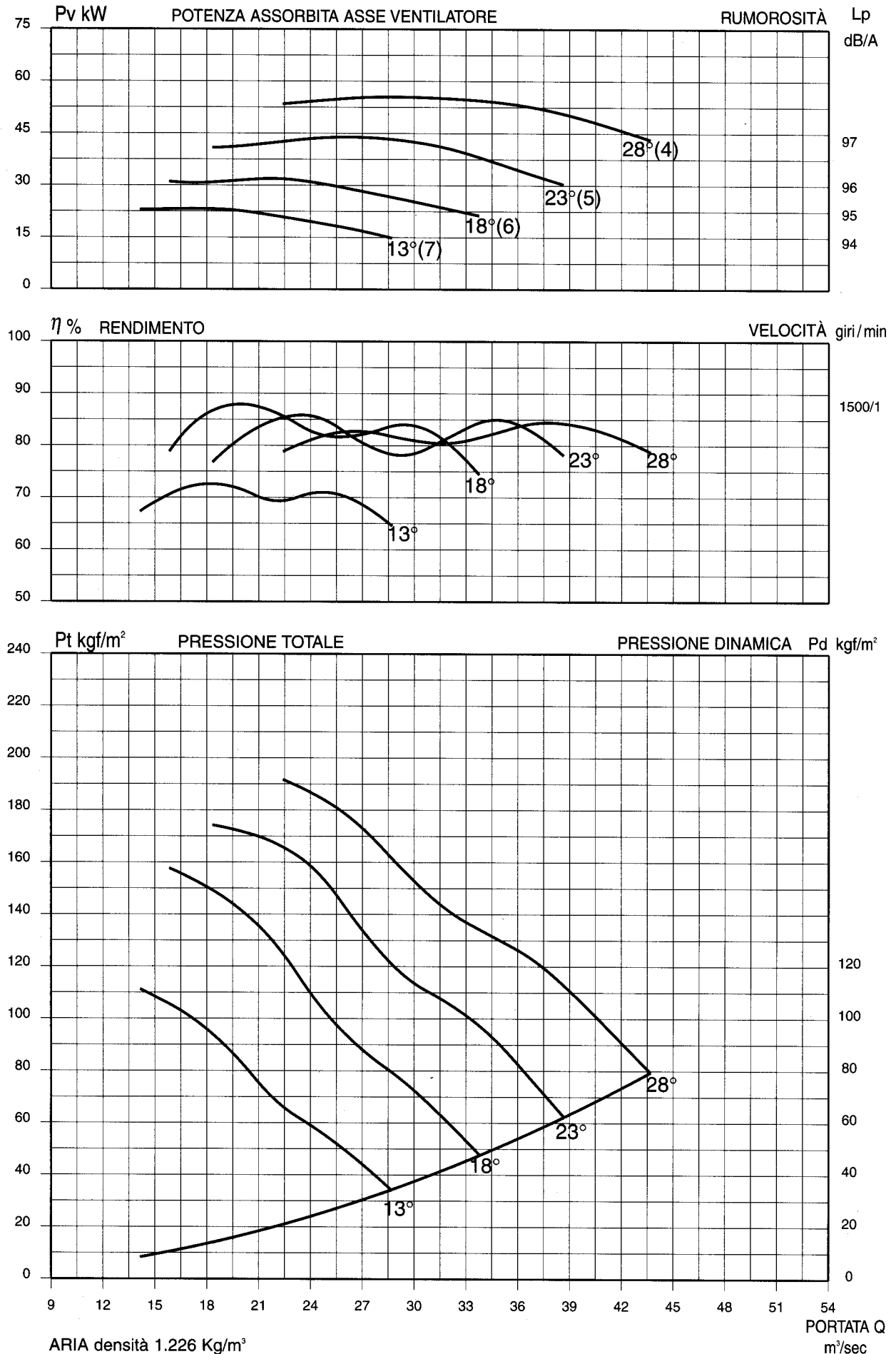
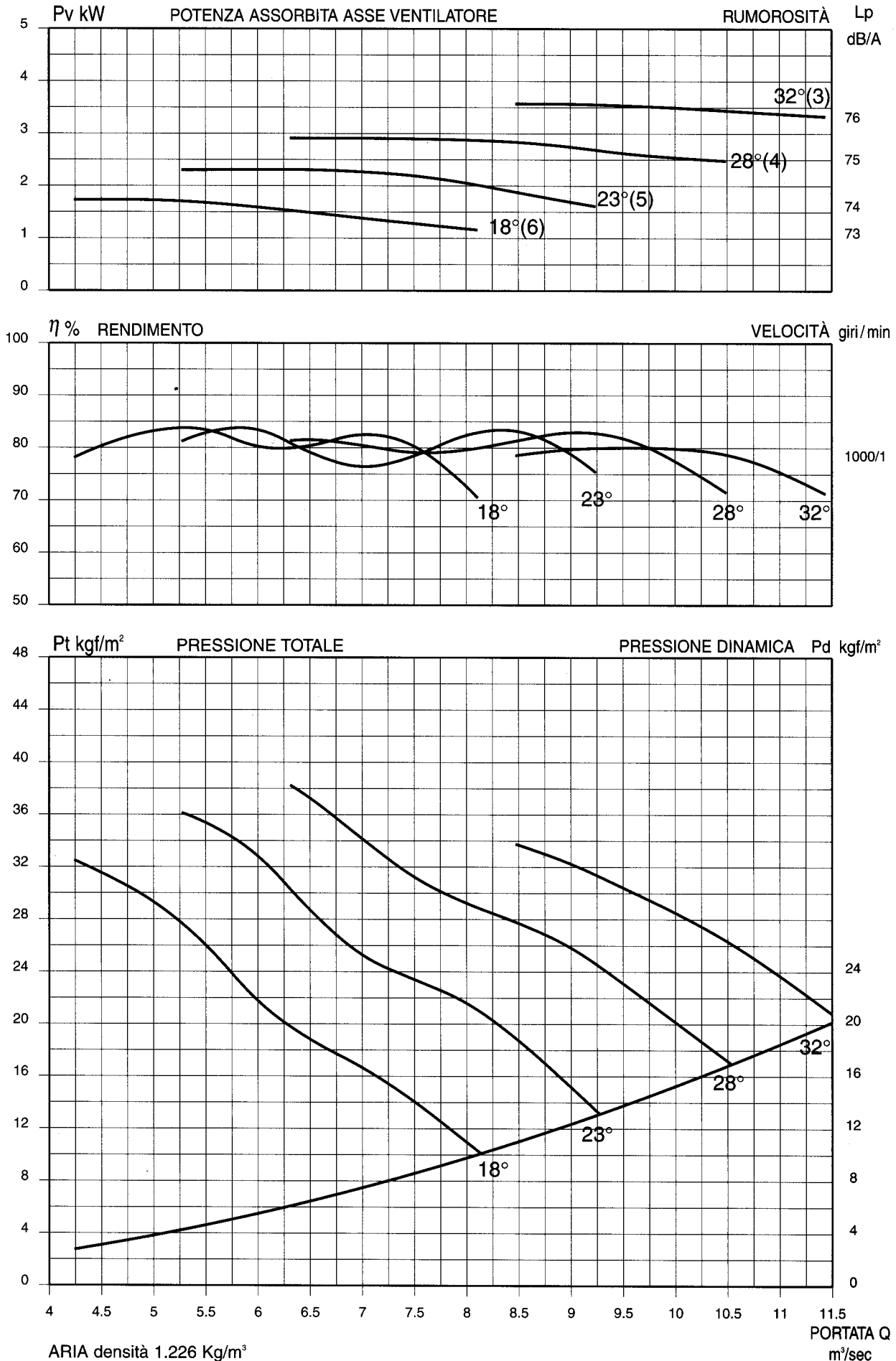




Diagramma di funzionamento in PREMENTE - Diametro girante 1250 mm





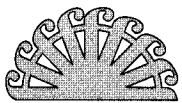


Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm

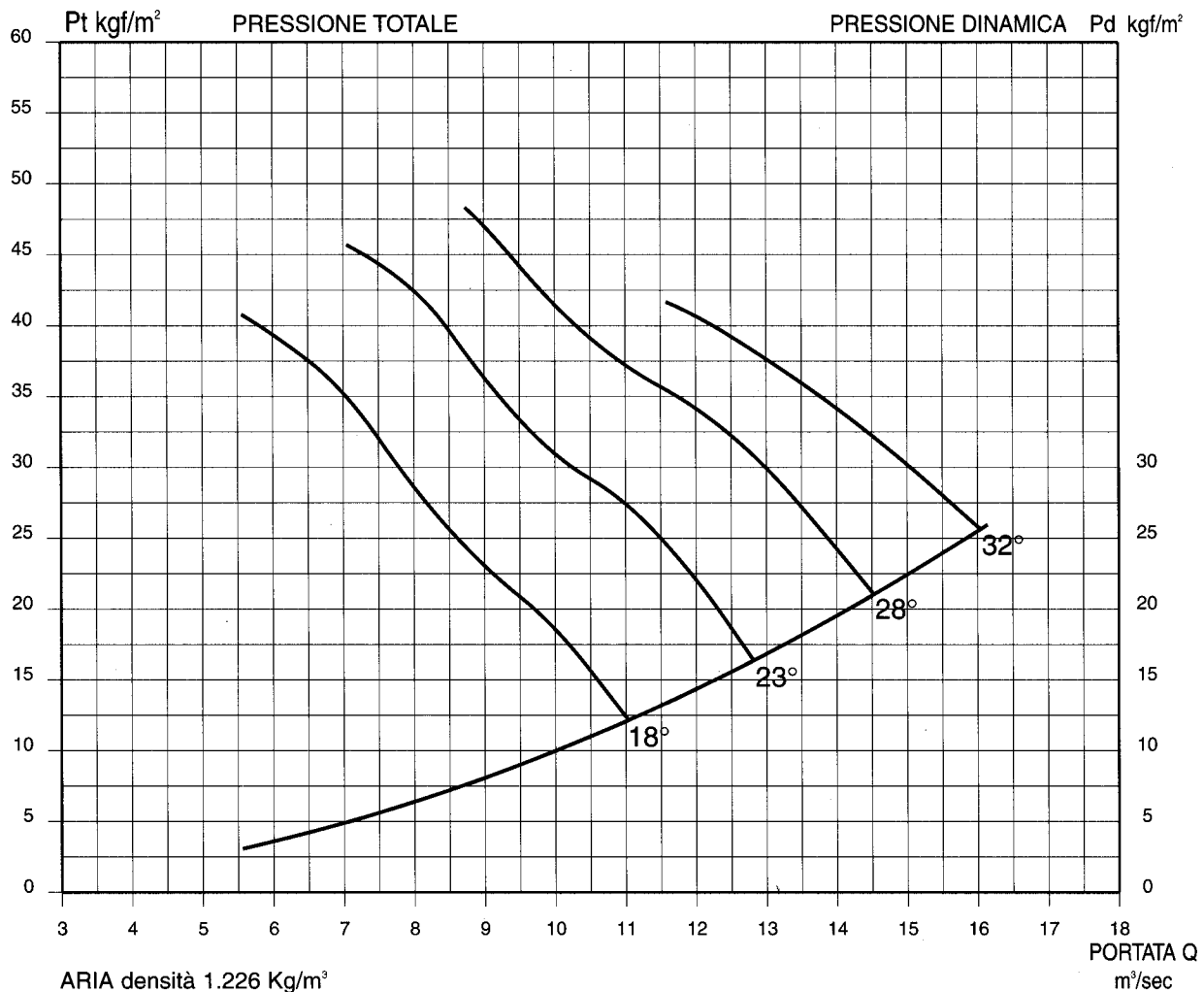
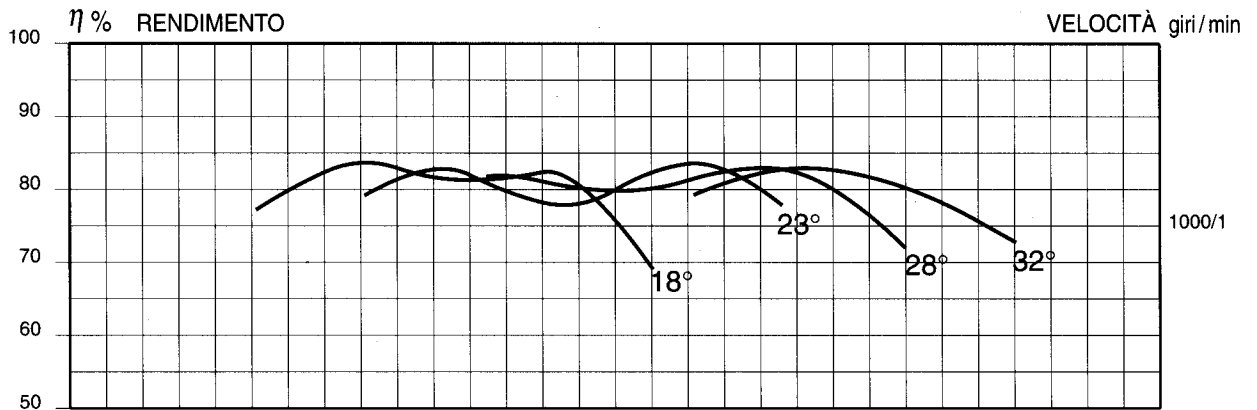
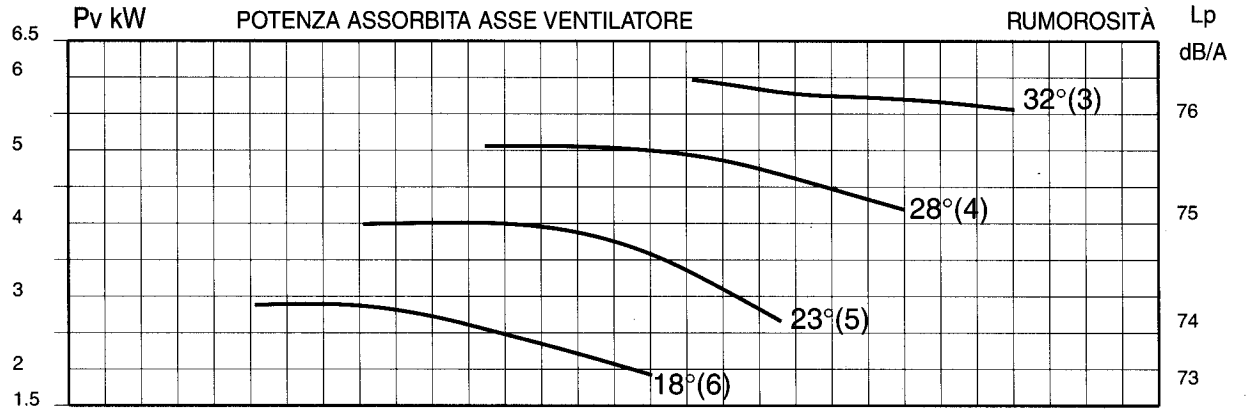




Diagramma di funzionamento in PREMENTE - Diametro girante 1120 mm

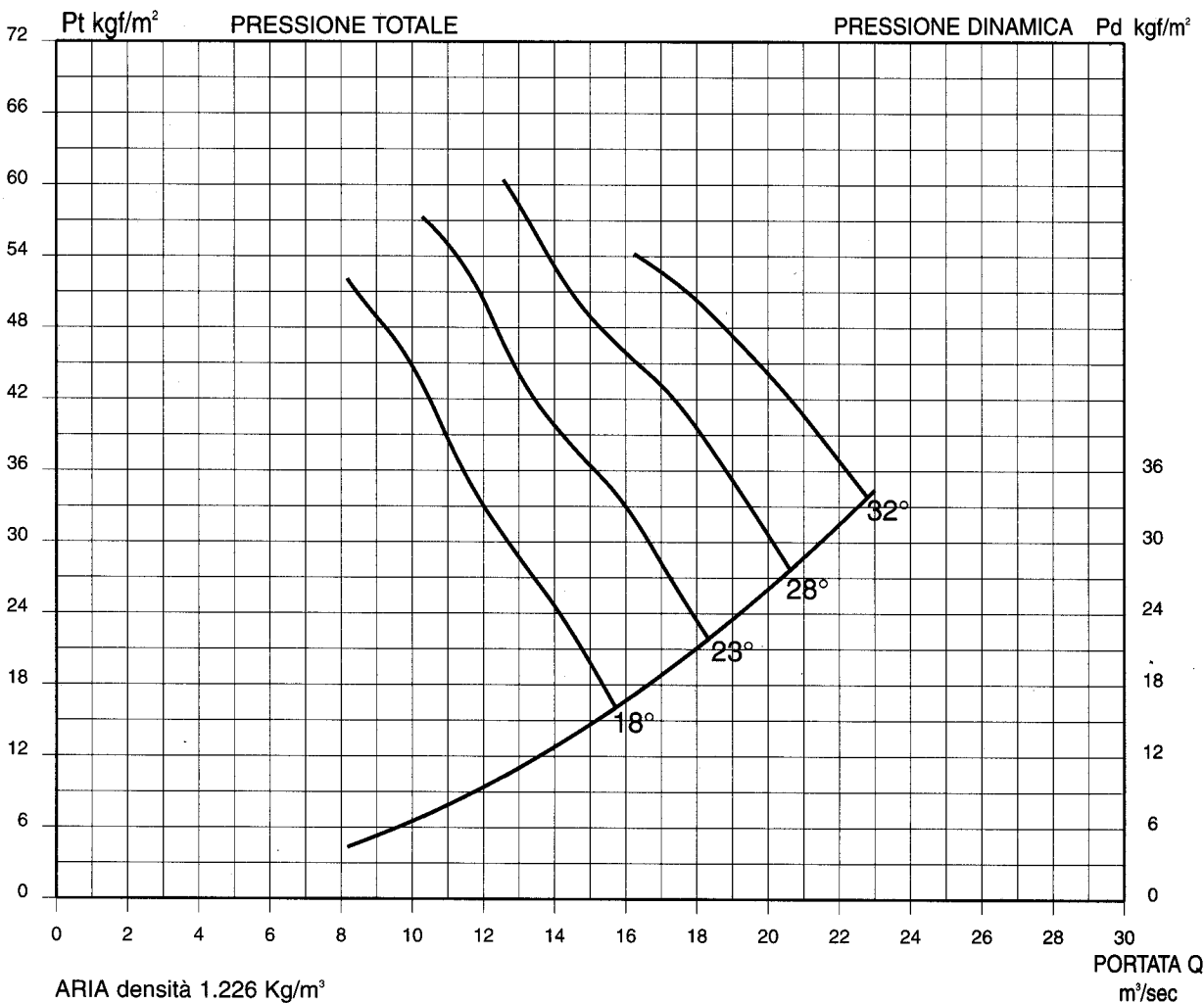
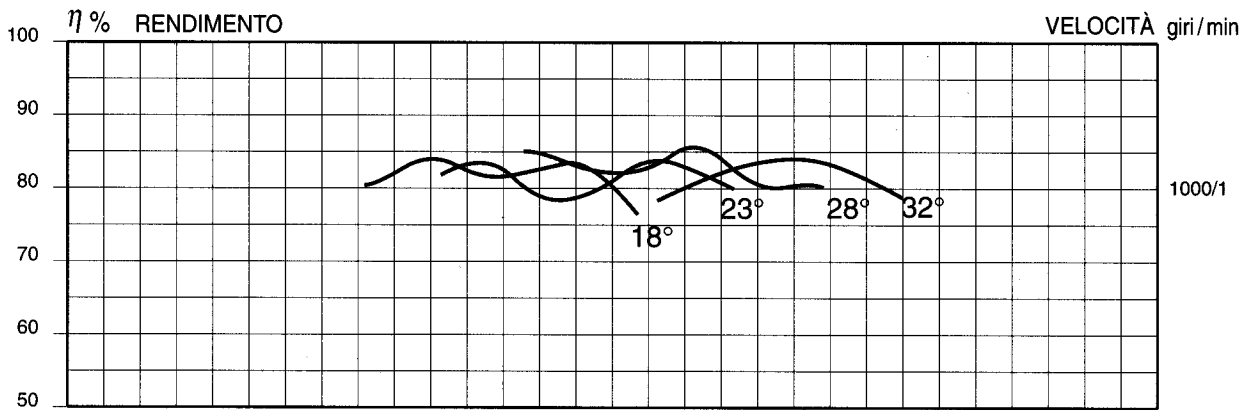
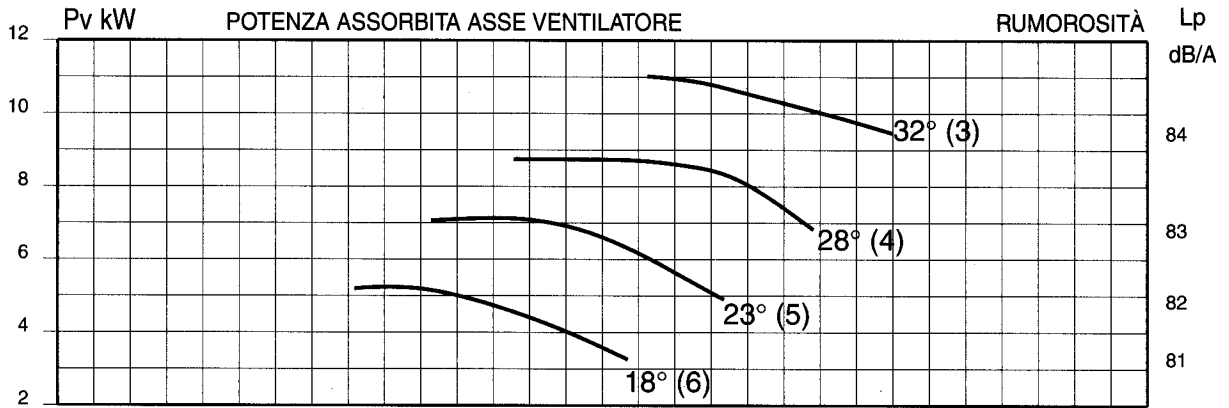
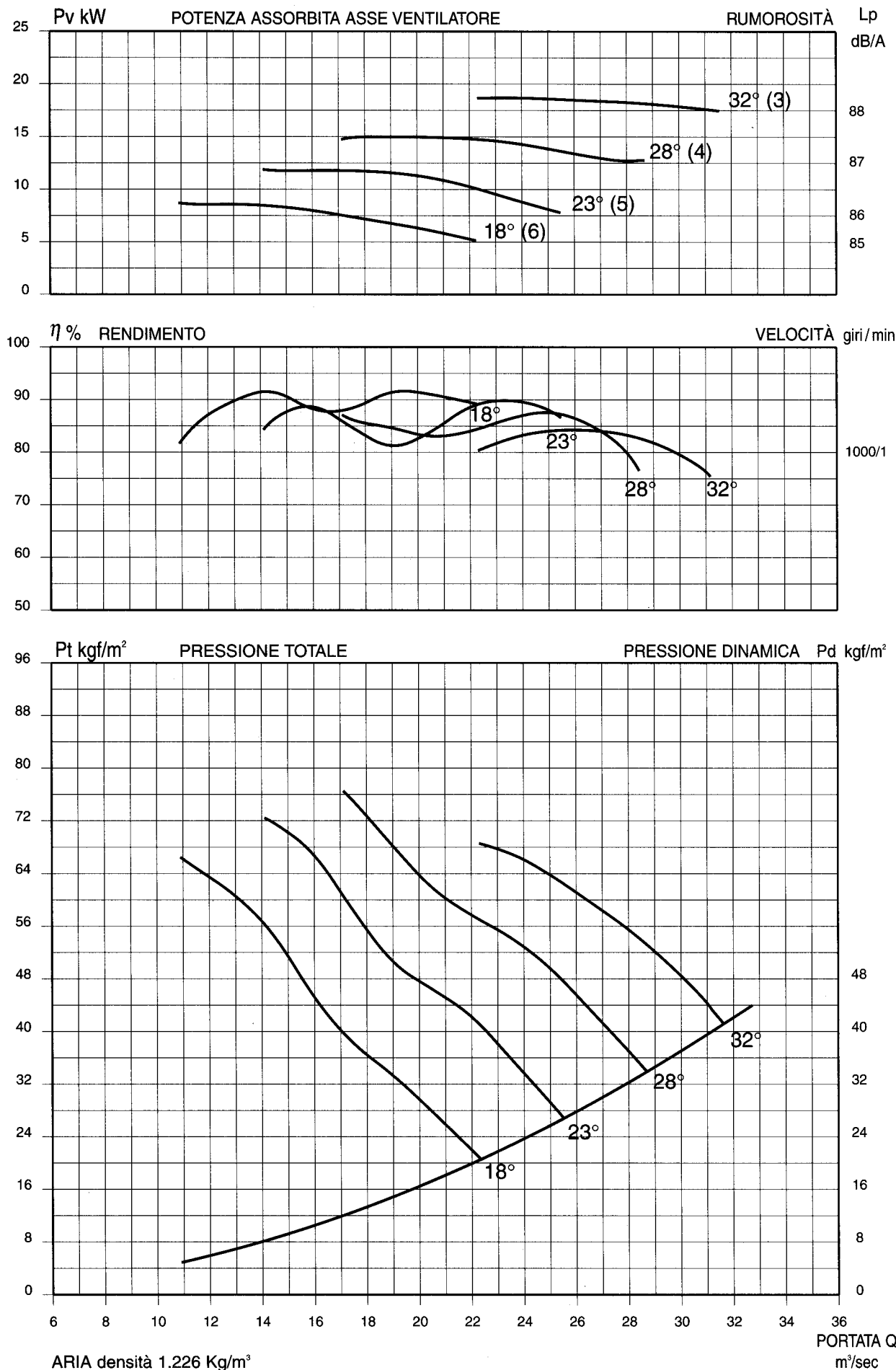




Diagramma di funzionamento in PREMENTE - Diametro girante 1250 mm



ELVE EF 1406-5-4-3/H 4A/A

Potenza installata 18.5-22-30-37 kW

ELVE ES 1406-5-4/H 4A/A

Potenza installata 18.5-22-30 kW



Diagramma di funzionamento in PREMENTE - Diametro girante 1400 mm

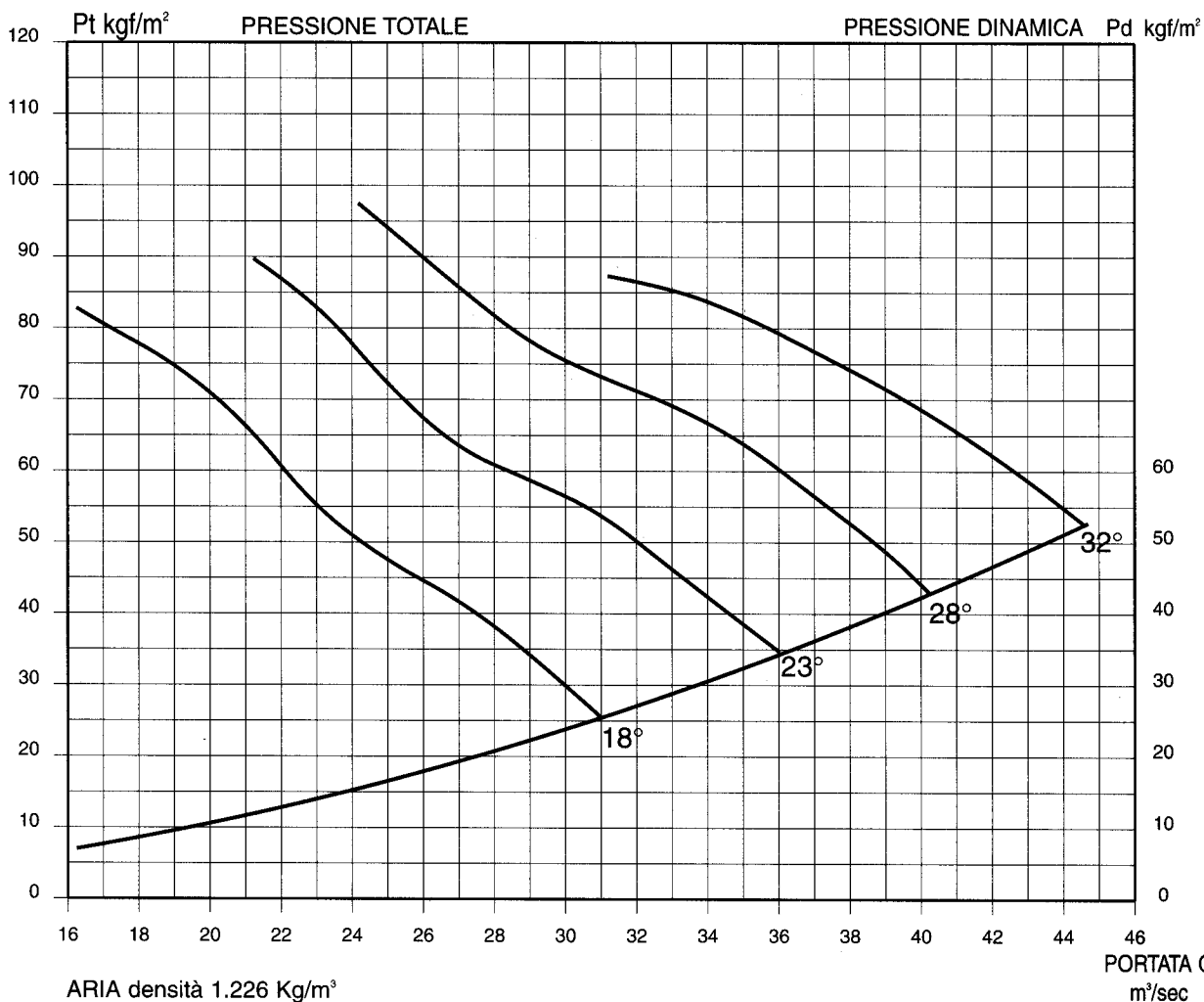
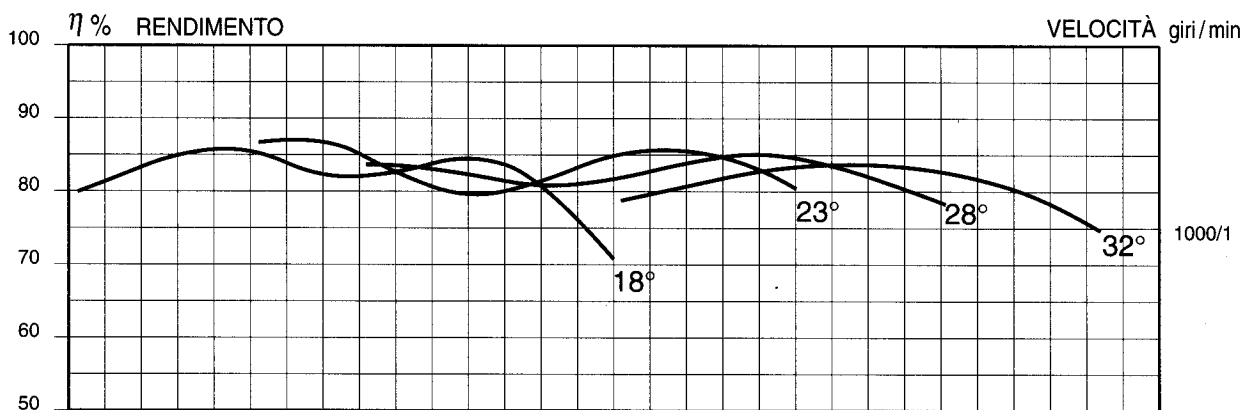
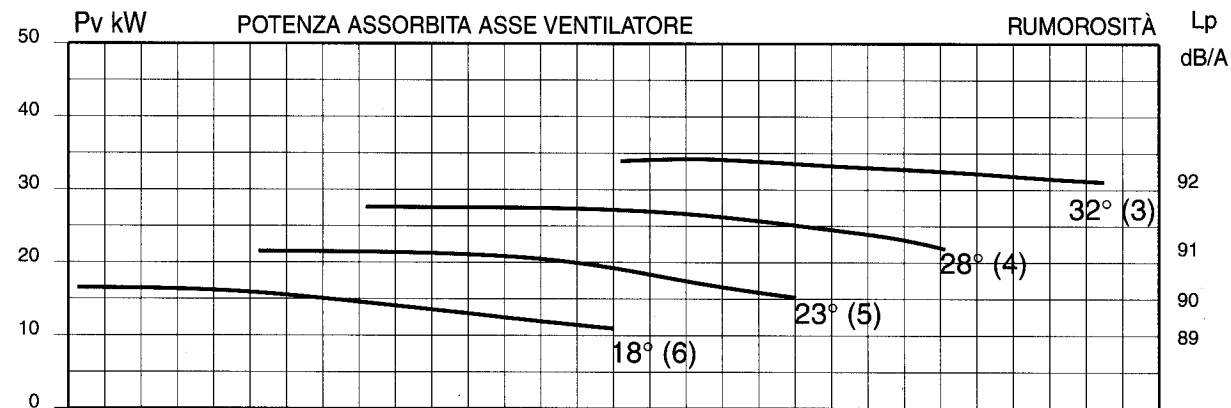




Diagramma di funzionamento in PREMENTE - Diametro girante 1600 mm

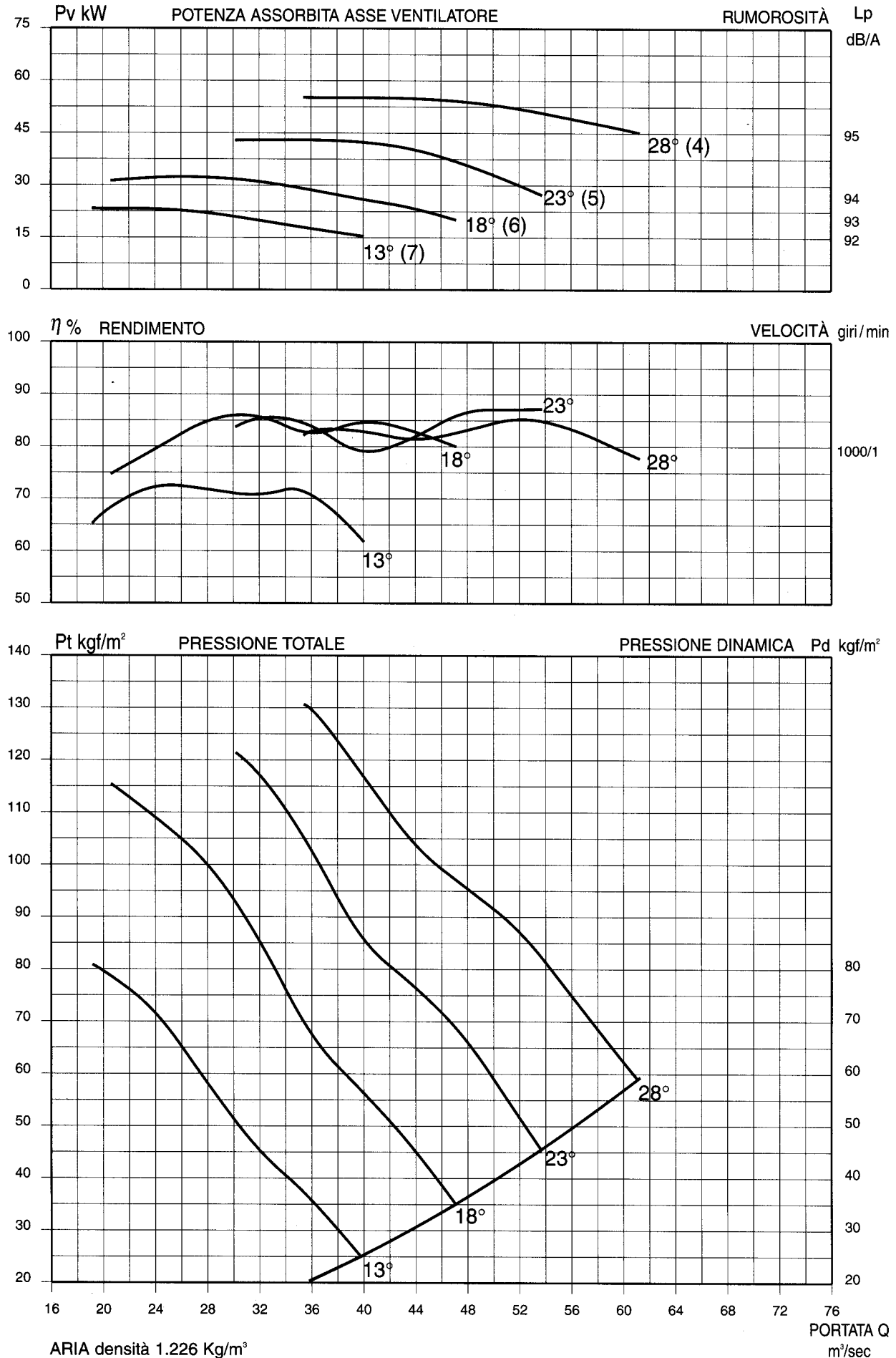
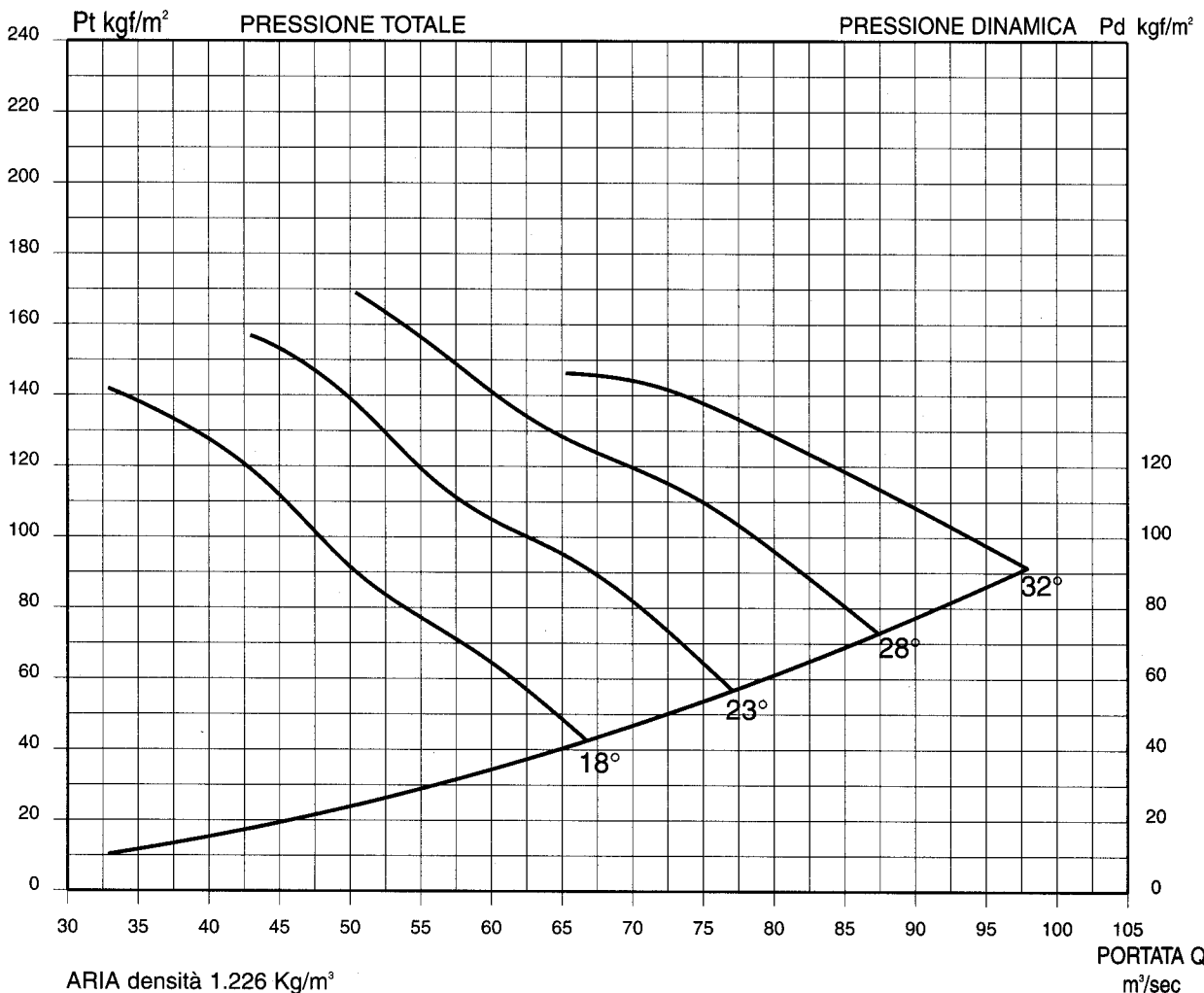
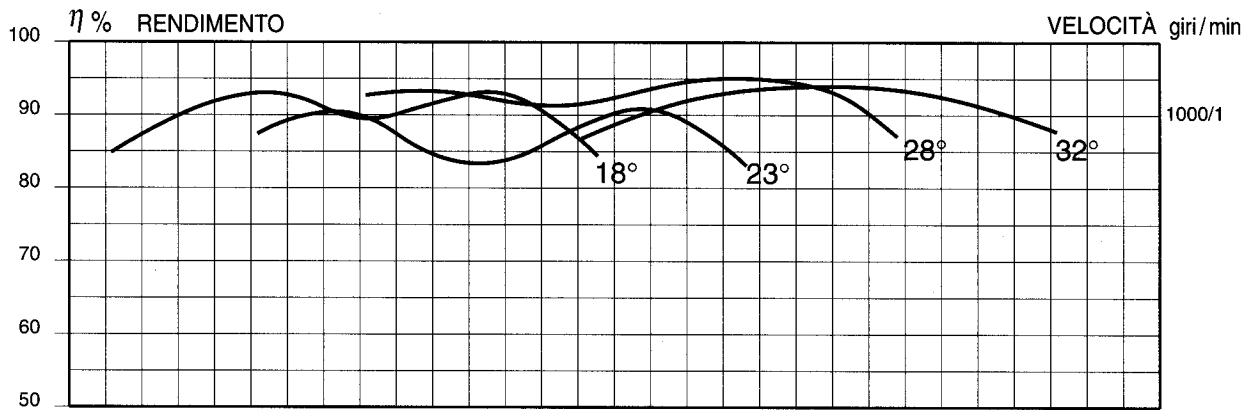
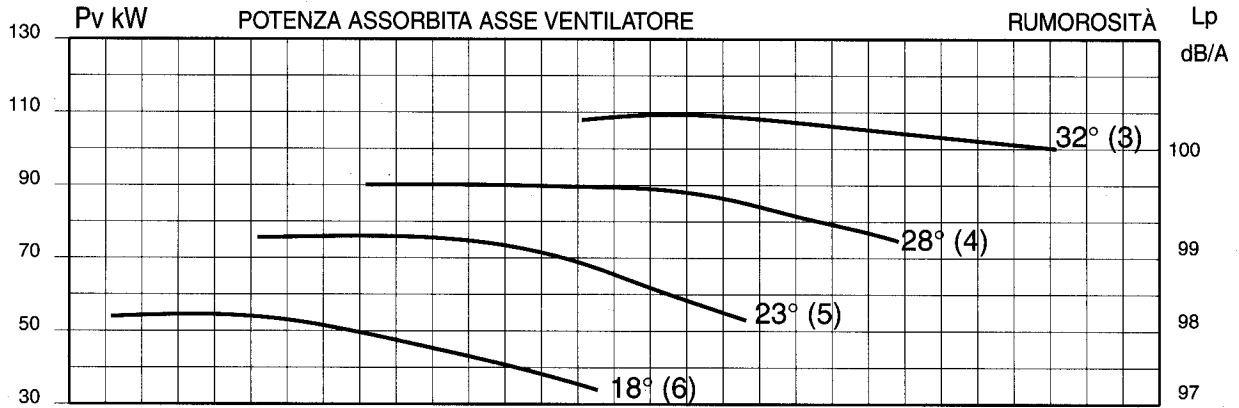




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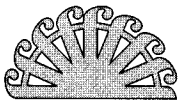


Diagramma di funzionamento in PREMENTE - Diametro girante 1000 mm

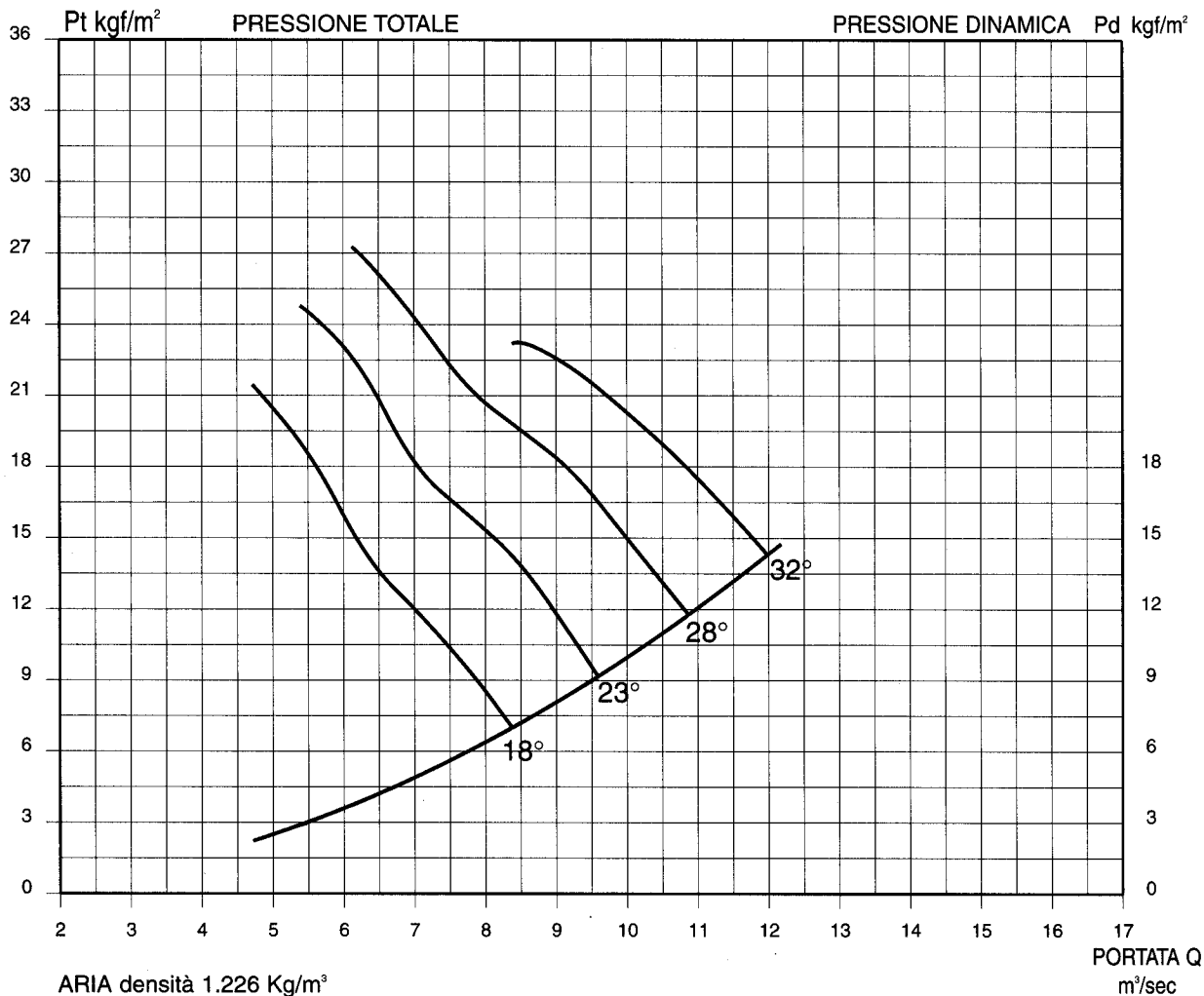
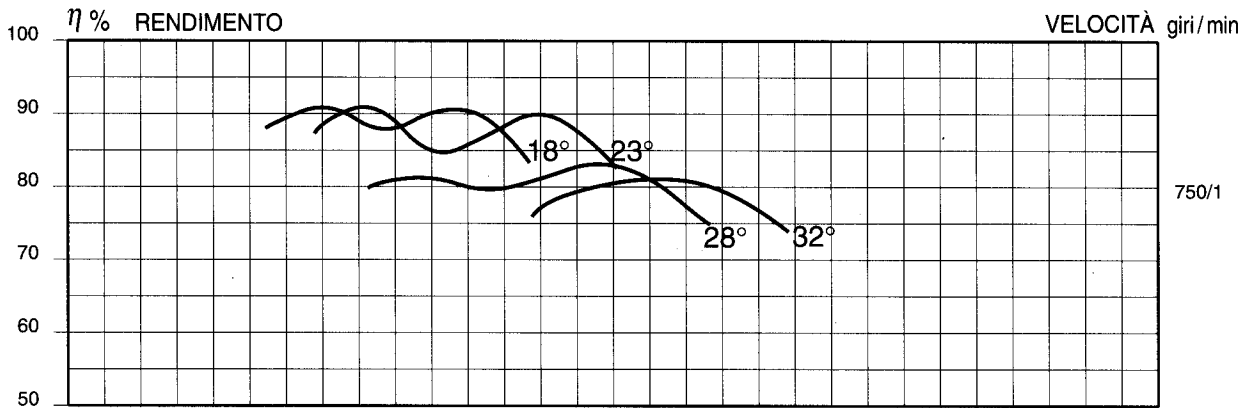
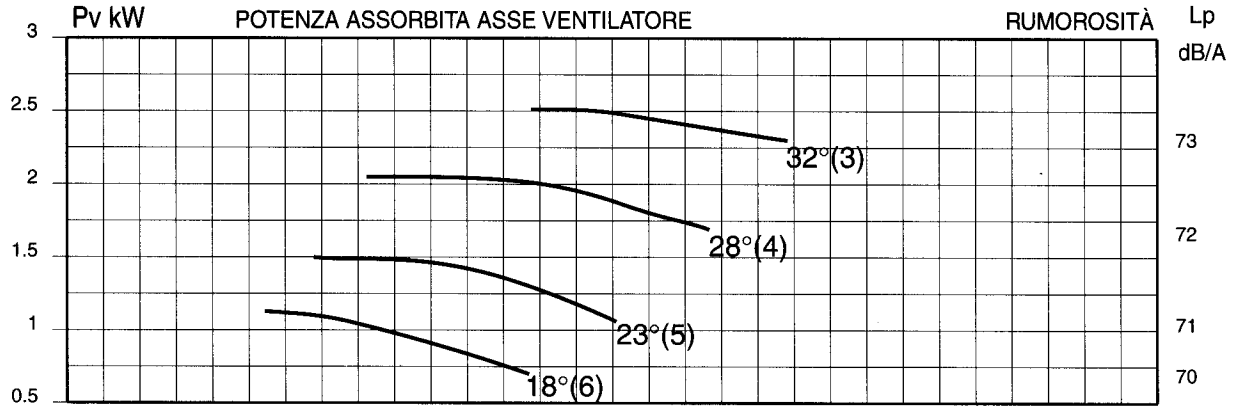




Diagramma di funzionamento in PREMENTE - Diametro girante 1120 mm

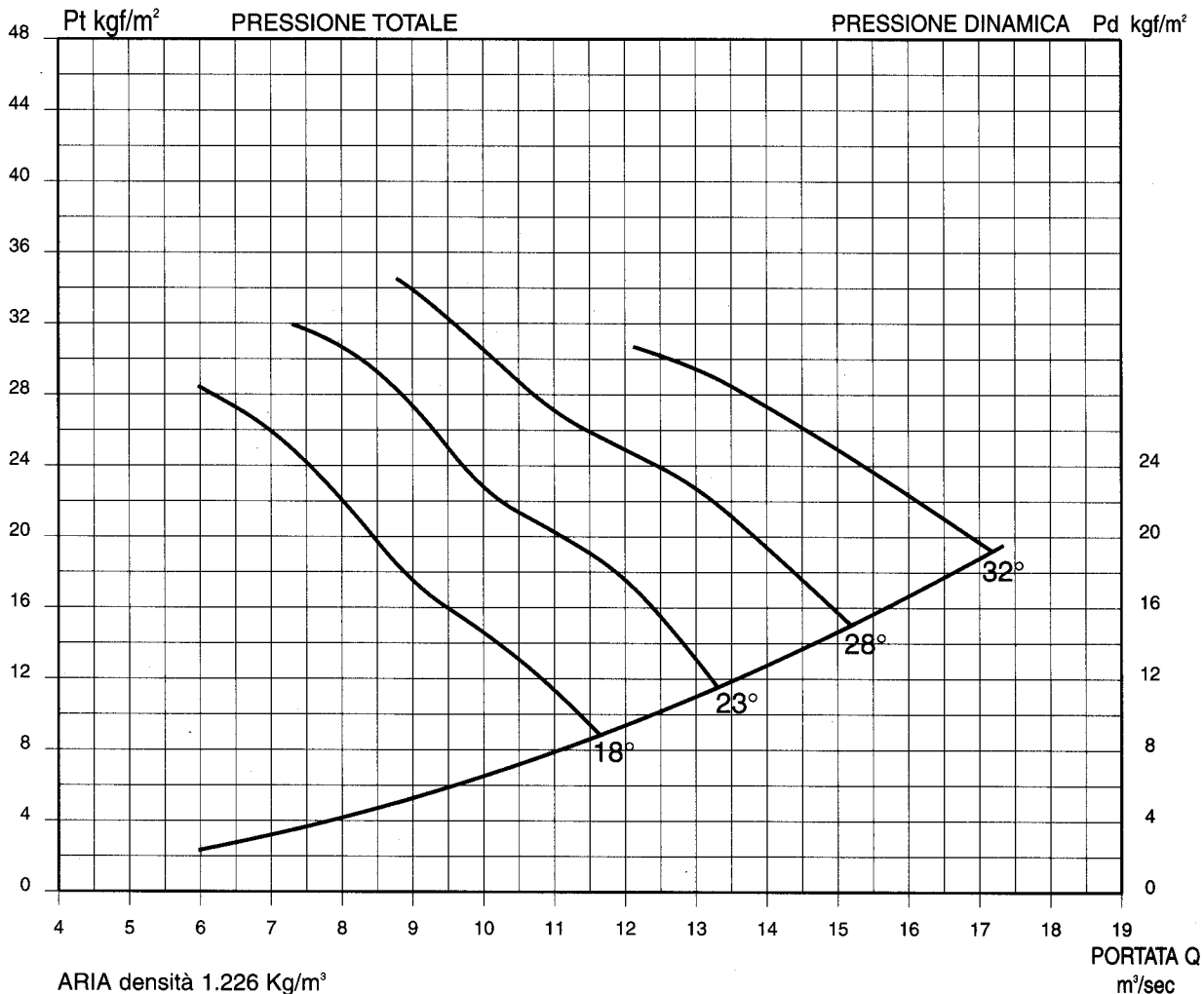
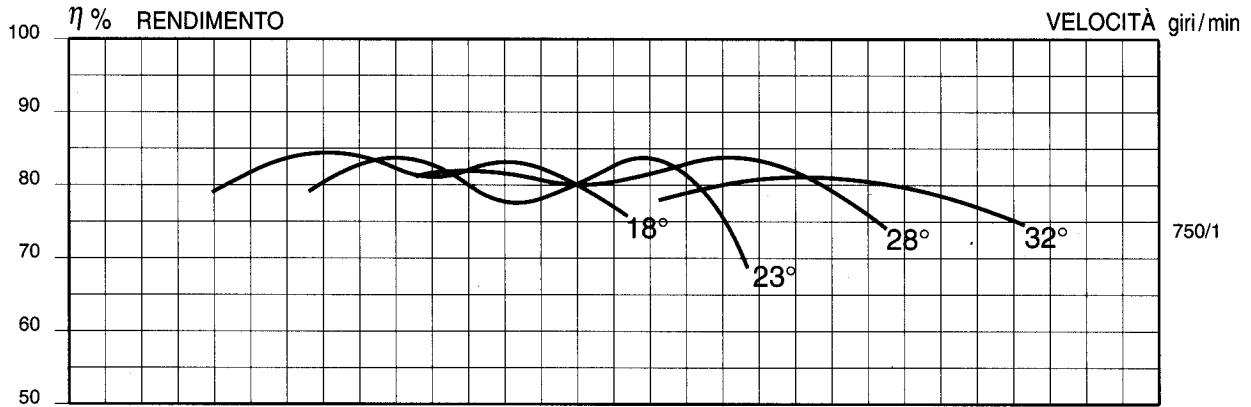
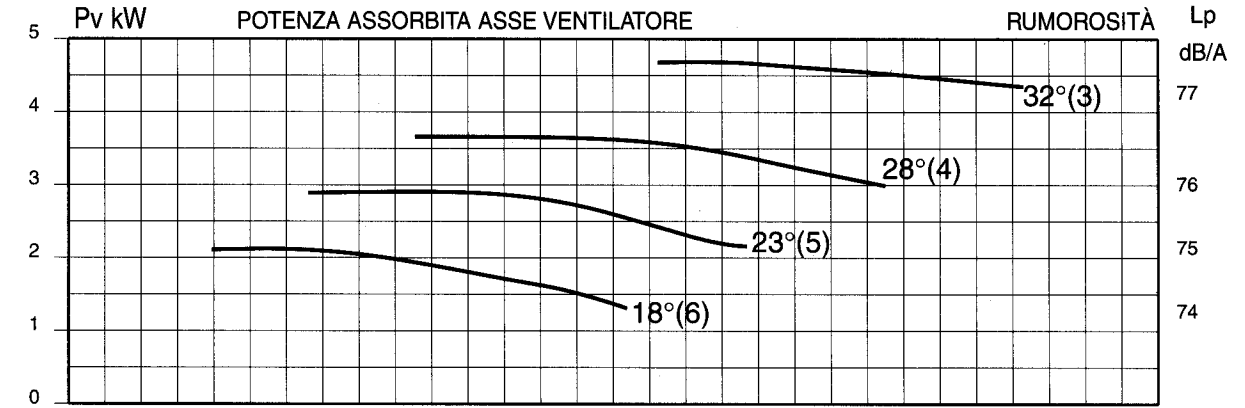
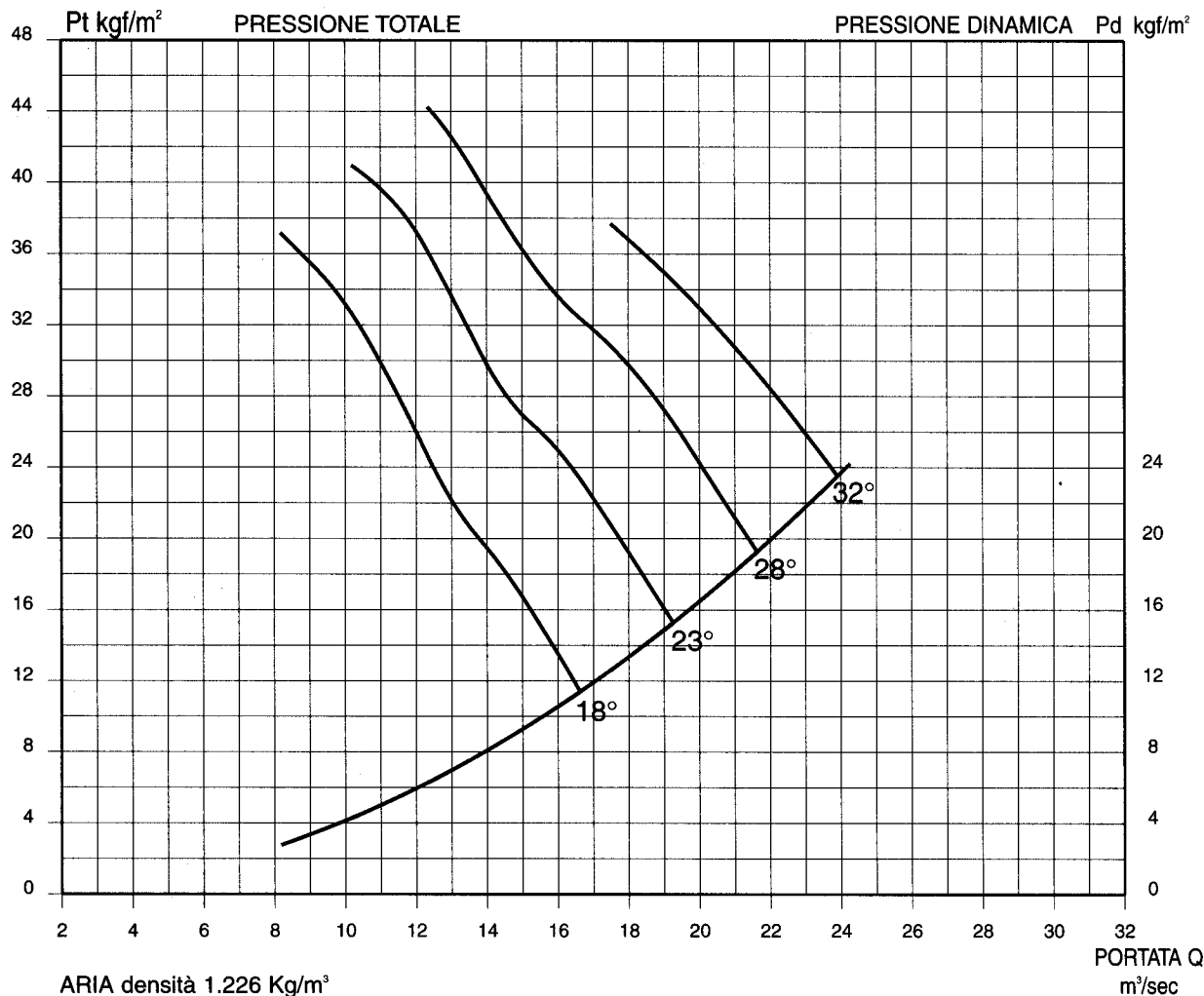
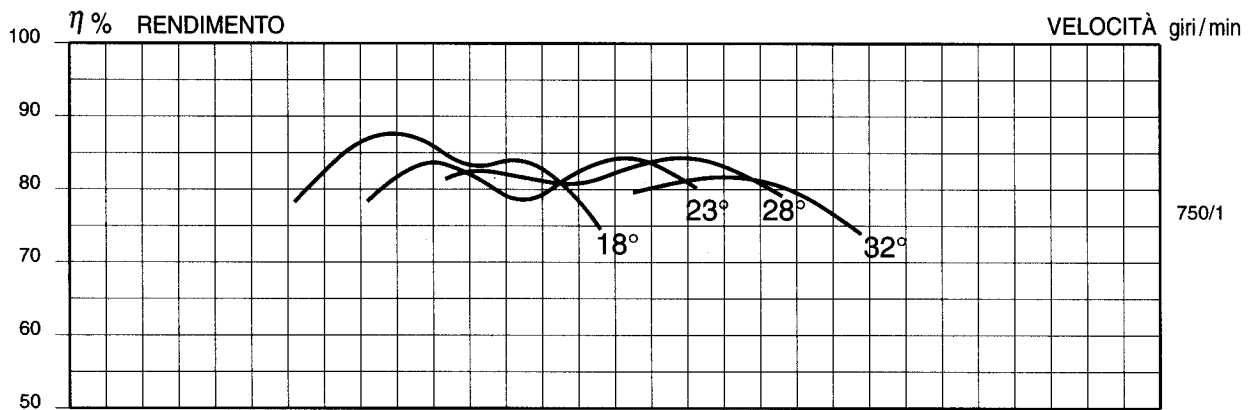
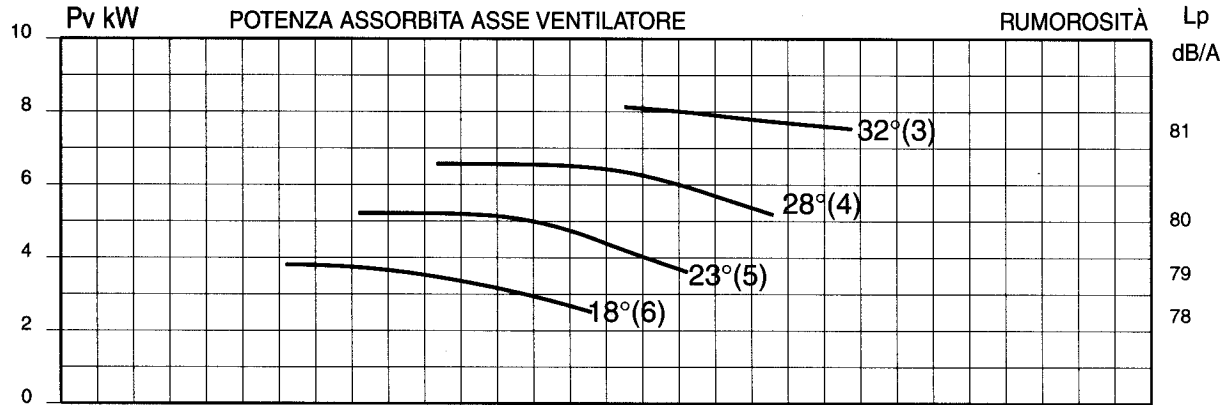




Diagramma di funzionamento in PREMENTE - Diametro girante 1250 mm



ARIA densità 1.226 Kg/m³

PORTATA Q m³/sec

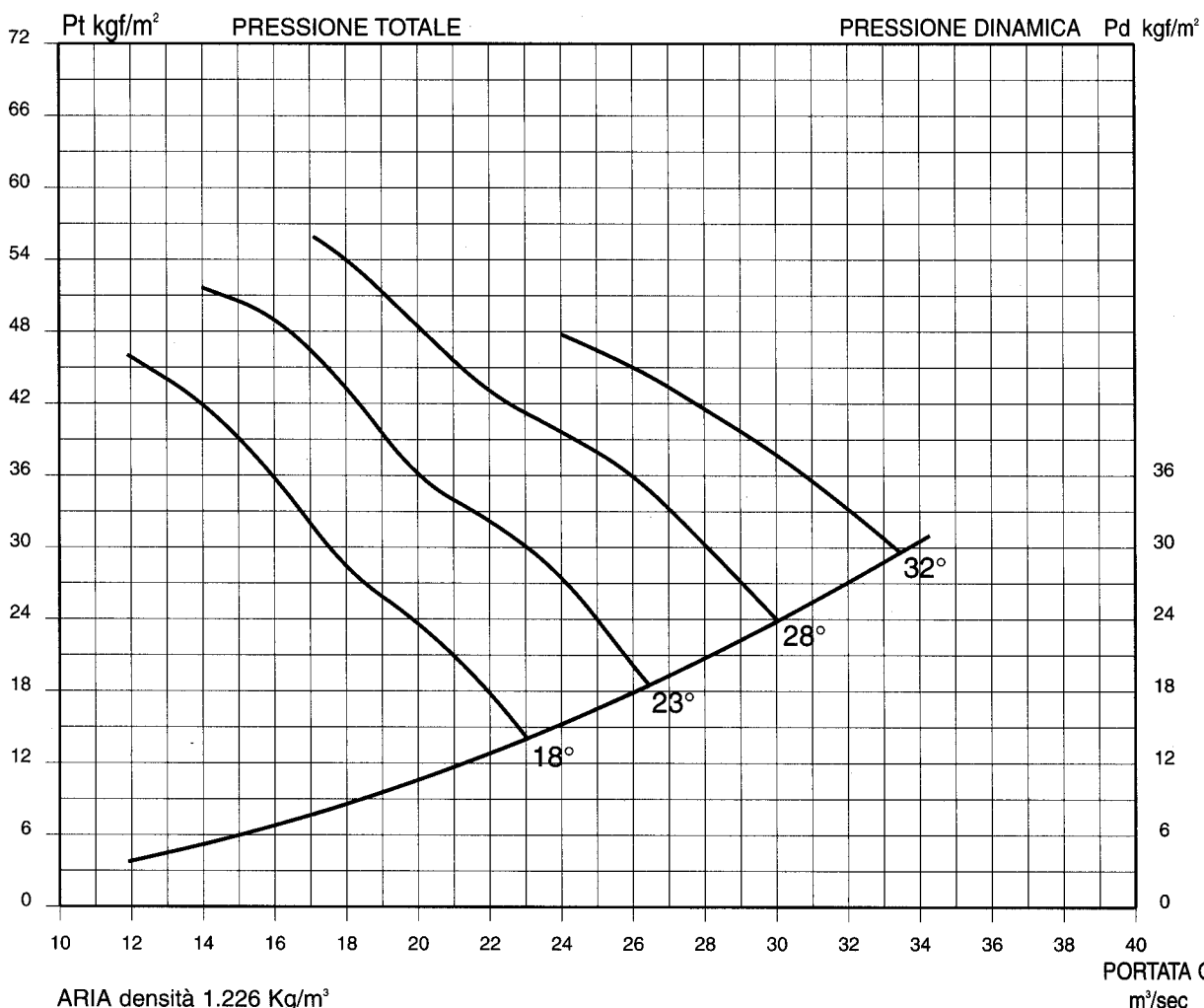
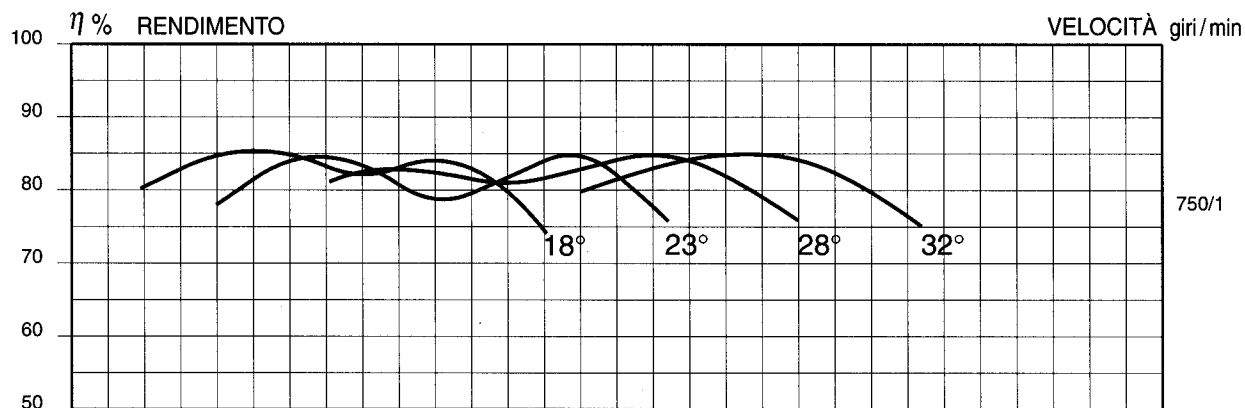
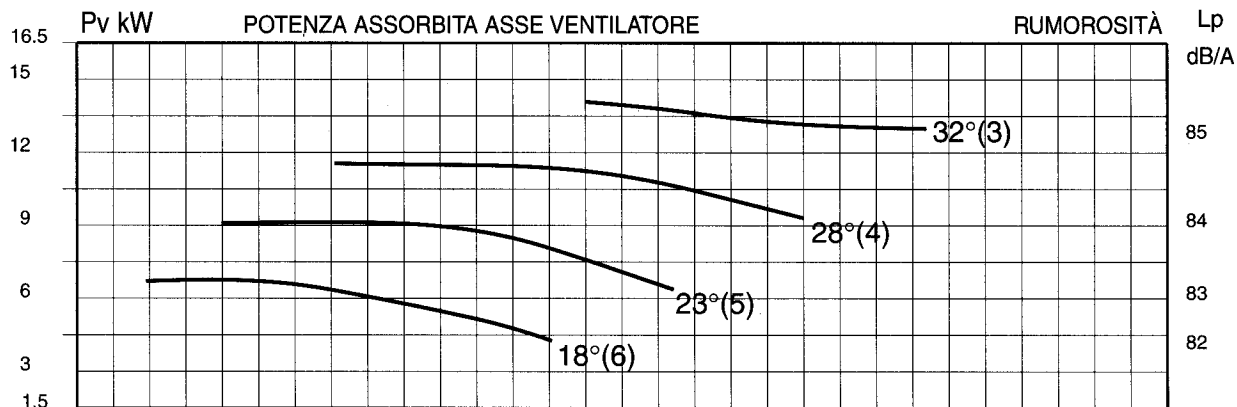
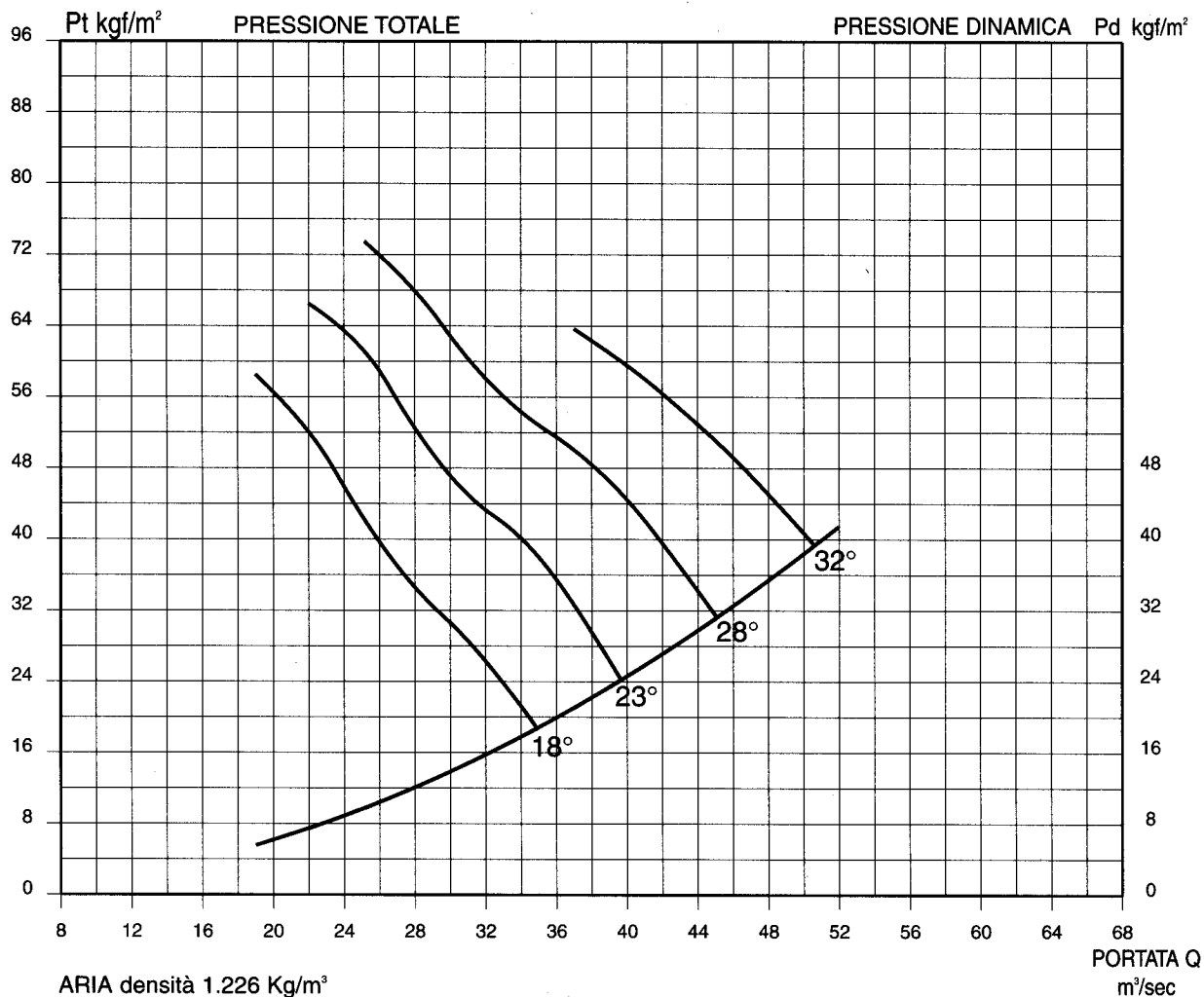
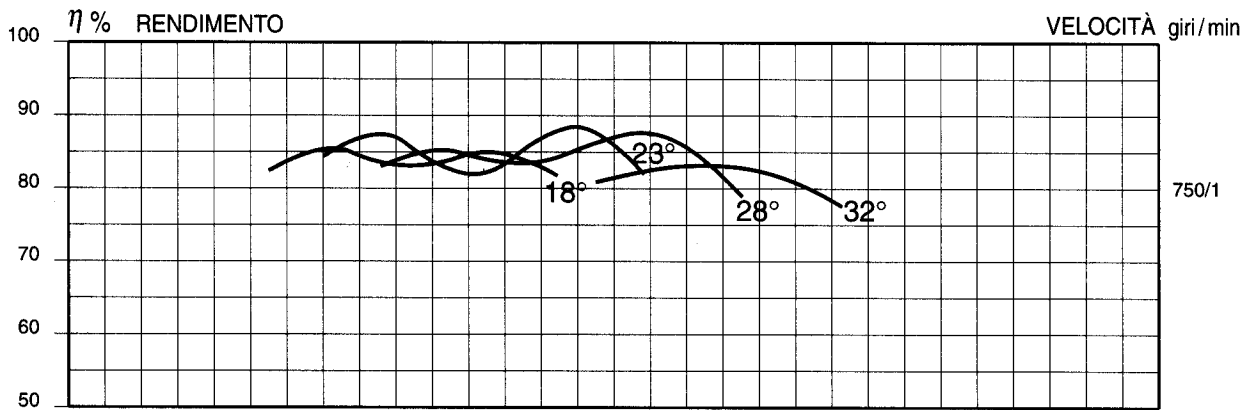
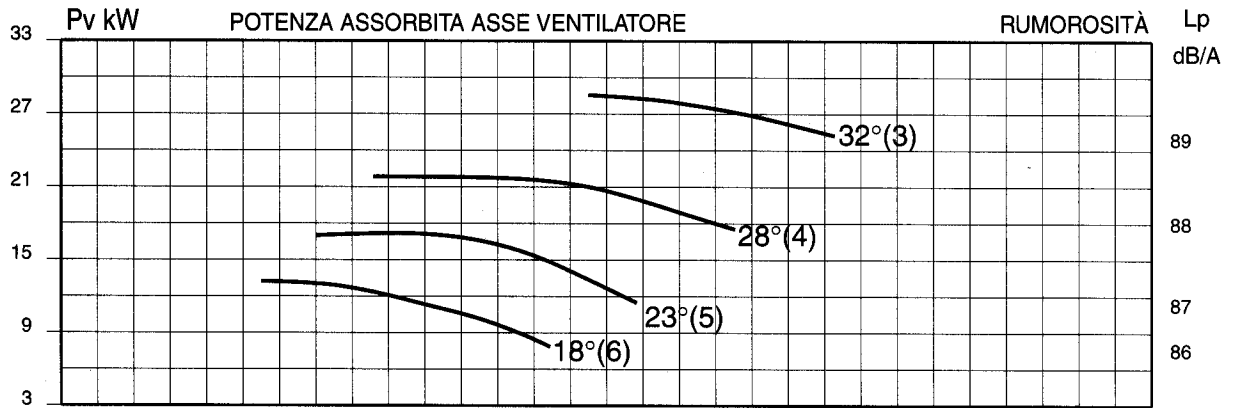


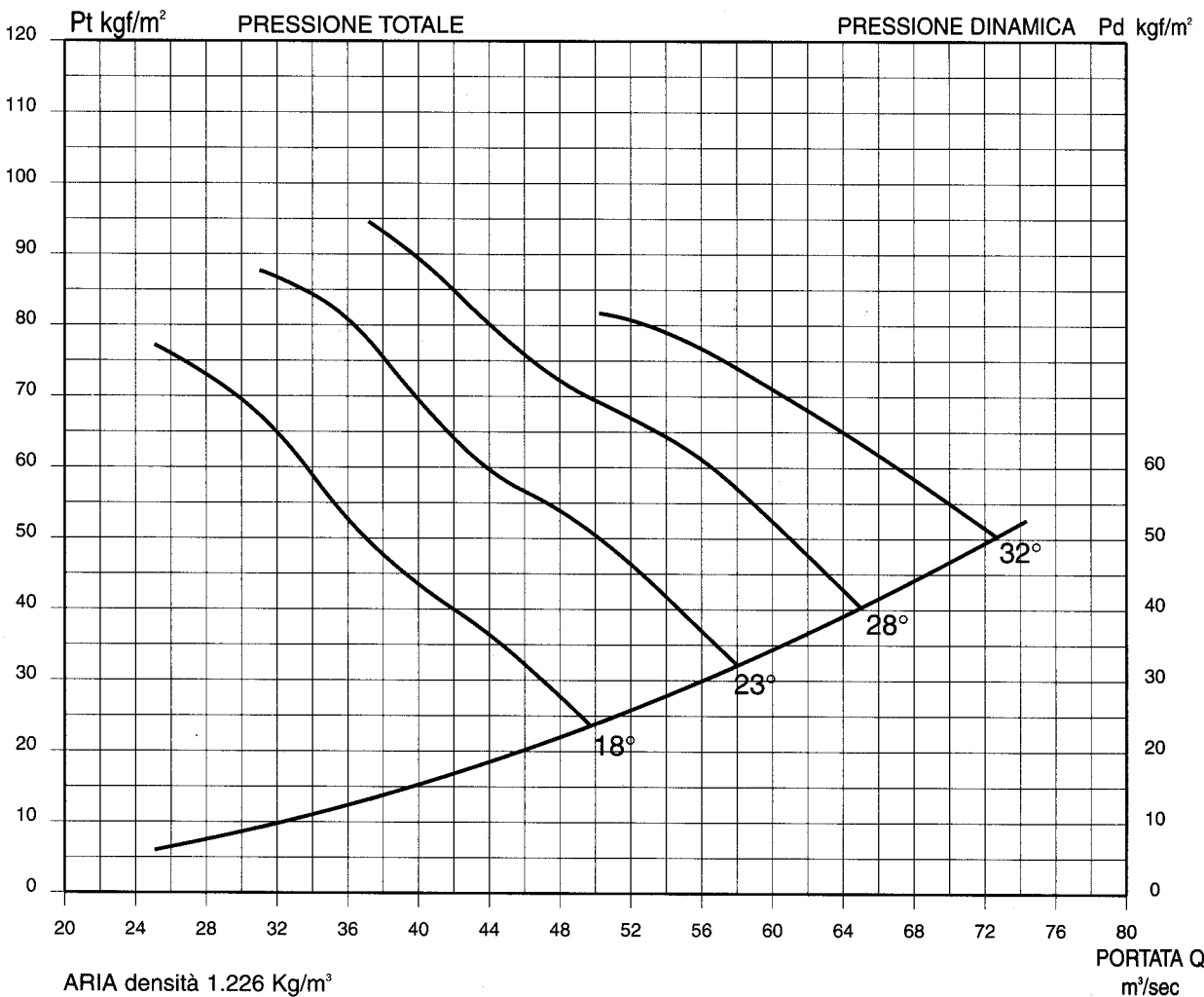
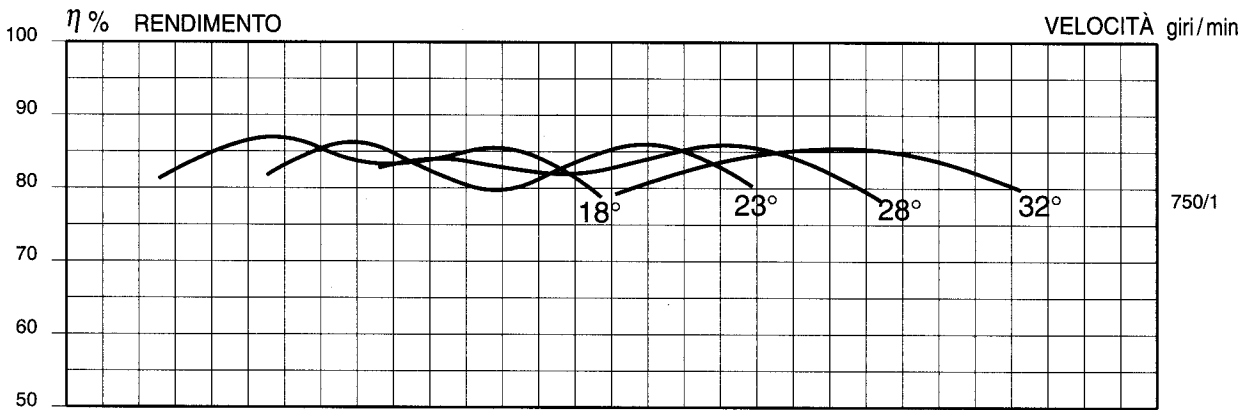
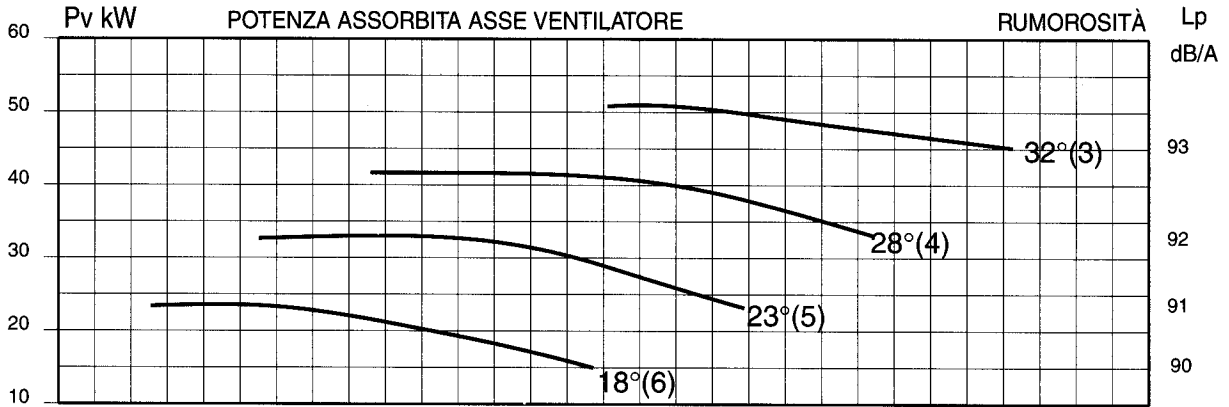


Diagramma di funzionamento in PREMENTE - Diametro girante 1600 mm



ARIA densità 1.226 Kg/m³

PORTATA Q
m³/sec



ARIA densità 1.226 Kg/m³

PORTATA Q m³/sec

ELVE EF 2006-5-4-3/H 4A/A

Potenza installata 45-55-75-90 kW

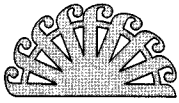


Diagramma di funzionamento in PREMENTE - Diametro girante 2000 mm

