



VENTILATORI ASSIALI
ES-EF

AXIAL FANS
VENTILATEURS HÉLICOÏDAUX
AXIALVENTILATOREN

IMPIEGO E DIMENSIONI DI INGOMBRO ES

USE AND OVERALL DIMENSIONS ES
UTILISATION ET DIMENSIONS D'ENCOMBREMENT ES
EINSATZ UND MASSE ES

PAG. 13 - 14

IMPIEGO E DIMENSIONI DI INGOMBRO EF DIRETTI

USE AND OVERALL DIMENSIONS EF DIRECT
UTILISATION ET DIMENSIONS D'ENCOMBREMENT EF DIRECT
EINSATZ UND MASSE EF DIREKT

PAG. 15 - 16

DIAGRAMMI ES ED EF DIRETTI A 2 POLI

CURVES ES AND EF DIRECT AT 2 POLES
DIAGRAMMES ES ET EF DIRECT À 2 PÔLES
DIAGRAMME ES UND EF DIREKT 2-POLIG

PAG. 17 - 23

DIAGRAMMI ES ED EF DIRETTI A 4 POLI

CURVES ES AND EF DIRECT AT 4 POLES
DIAGRAMMES ES ET EF DIRECT À 4 PÔLES
DIAGRAMME ES UND EF DIREKT 4-POLIG

PAG. 24 - 37

DIAGRAMMI ES ED EF DIRETTI A 6 POLI

CURVES ES AND EF DIRECT AT 6 POLES
DIAGRAMMES ES ET EF DIRECT À 6 PÔLES
DIAGRAMME ES UND EF DIREKT 6-POLIG

PAG. 38 - 47

DIAGRAMMI ES ED EF DIRETTI A 8 POLI

CURVES ES AND EF DIRECT AT 8 POLES
DIAGRAMMES ES ET EF DIRECT À 8 PÔLES
DIAGRAMME ES UND EF DIREKT 8-POLIG

PAG. 48 - 54

IMPIEGO E DIMENSIONI DI INGOMBRO EF CON TRASMISSIONE A CINGHIA

USE AND OVERALL DIMENSIONS EF WITH BELTDRIVE
UTILISATION ET DIMENSIONS D'ENCOMBREMENT EF À ACCOUPLEMENT À COURROIES
EINSATZ UND MASSE EF MIT RIEMENTRIEB

PAG. 55 - 56

DIAGRAMMI EF CON TRASMISSIONE A CINGHIA

CURVES EF WITH BELTDRIVE
DIAGRAMMES EF À ACCOUPLEMENT À COURROIES
DIAGRAMME EF MIT RIEMENANTRIEB

PAG. 57 - 70

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Impiego, dimensioni di ingombro e caratteristiche ES
Use, overall dimensions and specifications ES**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, aerotermi, 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, 230/400V, 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 diecast 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, 230/400V, 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, dimensions d'encombrement et caractéristiques ES
Einsatz, masse und eigenschaften ES**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'EXERCICE

- 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, 230/400 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

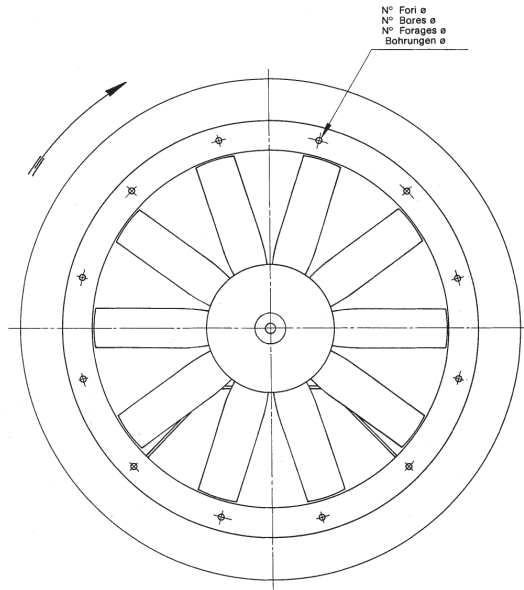
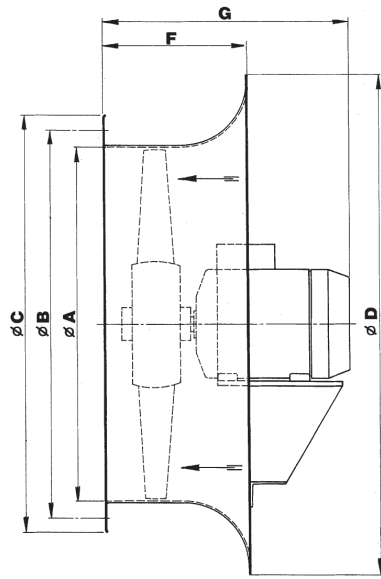
Direktantrieb, Gehäuse aus Stahl mit serienmäßig tiefgezogener Einströmdüse sowie druckseitigem Flansch nach DIN 24154. Laufrad aus ex-geschütztem Aluminiumdruckguß mit im Stillstand verstellbaren Profilschaufeln. Alle Laufräder sind präzise dynamisch ausgewuchtet. Ausführungen mit Durchmesser < 1120 sind einbrennlackiert. Ausführungen mit Durchmesser ab 1120 werden serienmäßig feuerverzinkt geliefert.

MOTOR

Drei Phasen, 230/400 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/Type/Typ | | Ventilatore Fan Ventilateur Ventilator | | | | | | | Peso Weight Poids Gewicht | J | |
|---|---|---|-----|-----|------|-----|---|----|------------------------------------|--|---------------------|
| Ventilatore Fan Ventilateur Ventilator | Motore Motor Moteur Motor | A | B | C | D | F | G | N° | Ø | kg | kg • m ² |
| ES 316/I 4A ES 314/I 4A ES 312/I 4A ES 316/I 4A ES 314/I 4A ES 312/I 4A | 63 B2 71 A2 71 B2 63 A4 63 A4 63 A4 | 315 | 366 | 400 | 464 | 160 | | 8 | 10 | 12 13 14 11 11 11 | 0,012 |
| ES 355/H 4A ES 354/H 4A ES 352/H 4A ES 355/H 4A ES 354/H 4A ES 352/H 4A | 71 B2 80 A2 80 B2 63 A4 63 A4 63 B4 | 355 | 405 | 440 | 513 | 170 | | 8 | 10 | 15 17 19 12 12 12 | 0,017 |
| ES 406/G 4A ES 405/G 4A ES 403/G 4A ES 406/G 4A ES 405/G 4A ES 403/G 4A | 80 A2 80 B2 90 S2 63 A4 63 A4 63 B4 | 400 | 448 | 485 | 567 | 180 | | 12 | 10 | 18 20 23 13 13 14 | 0,022 |
| ES 456/H 4A ES 455/H 4A ES 453/H 4A ES 456/H 4A ES 455/H 4A ES 453/H 4A | 90 S2 90 L2 100 LA2 71 A4 71 B4 80 A4 | 450 | 497 | 535 | 639 | 190 | | 12 | 10 | 25 28 35 17 18 20 | 0,055 |
| ES 507/G 4A ES 505/G 4A ES 504/G 4A | 71 A4 71 B4 80 A4 | 500 | 551 | 585 | 708 | 200 | | 12 | 10 | 21 22 24 | 0,08 |
| ES 567/H 4A ES 566/H 4A ES 564/H 4A | 80 A4 80 B4 90 S4 | 560 | 629 | 665 | 785 | 212 | | 12 | 10 | 29 30 33 | 0,18 |
| ES 636/G 4A ES 635/G 4A ES 633/G 4A ES 636/G 4A ES 635/G 4A ES 633/G 4A | 90 S4 90 L4 100 LA4 71 B6 80 A6 80 B6 | 630 | 698 | 735 | 871 | 212 | | 12 | 10 | 36 39 46 30 31 33 | 0,24 |
| ES 716/H 4A ES 715/H 4A ES 713/H 4A ES 716/H 4A ES 715/H 4A ES 713/H 4A | 100 LA4 100 LB4 112 M4 90 S6 90 L6 100 LA6 | 710 | 775 | 815 | 968 | 224 | | 16 | 12 | 56 58 63 43 47 50 | 0,53 |
| ES 806/G 4A ES 805/G 4A ES 803/G 4A ES 806/G 4A ES 805/G 4A ES 803/G 4A ES 806/G 4A ES 805/G 4A ES 803/G 4A | 100 LB4 112 M4 132 SA4 90 L6 100 LA6 112 M6 90 S8 90 L8 100 LA8 | 800 | 861 | 905 | 1077 | 250 | | 16 | 12 | 65 70 83 57 63 66 52 55 59 | 0,7 |

| Tipo/Type/Type/Typ | | Ventilatore Fan Ventilateur Ventilator | | | | | | | Peso Weight Poids Gewicht | J | | |
|--|--|---|------|------|------|-----|---|----|------------------------------------|---|--|--------------------------------------|
| Ventilatore Fan Ventilateur Ventilator | Motore Motor Moteur Motor | A | B | C | D | F | G | N° | Ø | kg | kg • m ² | |
| ES 907/F 4A ES 906/F 4A ES 905/F 4A ES 906/I 4A ES 905/I 4A ES 903/I 4A ES 907/F 4A ES 906/F 4A ES 905/F 4A ES 906/14A ES 905/I 4A ES 903/I 4A ES 907/F 4A ES 906/F 4A ES 905/F 4A | 112 M4 132 SA4 132 MA4 132 MA4 160 M4 160 L4 90 L6 100 LA6 112 M6 112 M6 132 SA6 132 MA6 90 L8 100 LA8 100 LB8 | 900 | 958 | 1005 | 1200 | 280 | | 16 | 12 | 500 500 540 540 540 580 420 500 500 450 500 420 460 460 | 79 92 103 113 119 147 65 72 75 84 97 63 68 70 | 0,95 1,25 0,95 1,25 0,95 |
| ES 1006/H 4A ES 1005/H 4A ES 1003/H 4A ES 1008/E 4A ES 1007/E 4A ES 1006/E 4A ES 1006/H 4A ES 1005/H 4A ES 1003/H 4A ES 1008/E 4A ES 1007/E 4A ES 1006/E 4A ES 1006/H 4A ES 1005/H 4A ES 1003/H 4A | 160 M4 160 L4 180 M4 100 LA6 112 M6 132 SA6 132 MA6 132 MA6 132 MB6 100 LA8 100 LB8 112 M8 132 SA8 132 SA8 132 MA8 | 1000 | 1067 | 1107 | 1340 | 280 | | 24 | 12 | 665 665 745 445 485 485 485 525 525 445 445 485 525 525 525 | 154 171 246 77 80 93 108 108 116 73 75 77 103 103 | 1,75 1,2 1,75 1,2 1,75 |
| ES 1126/G4A ES 1125/G4A ES 1124/G4A ES 1126/G4A ES 1125/G4A ES 1124/G4A ES 1126/G4A ES 1125/G4A ES 1124/G4A | 180 M4 180 L4 200 L4 132 MB6 160 M6 160 L6 132 SA8 132 MA8 160 MR8 | 1120 | 1200 | 1248 | 1490 | 315 | | 24 | 12 | 760 760 810 580 680 680 580 580 680 | 263 280 149 171 197 136 144 156 | 2,5 |
| ES 1257/F 4A ES 1256/F 4A ES 1255/F 4A ES 1257/F 4A ES 1256/F 4A ES 1255/F 4A | 160 M6 160 L6 180 L6 132 MA8 160 MR8 160 M8 | 1250 | 1337 | 1380 | 1670 | 355 | | 24 | 12 | 695 695 775 555 695 695 | 191 217 288 164 176 185 | 3,3 |
| ES 1408/E 4A ES 1407/E 4A ES 1406/E 4A ES 1408/E 4A ES 1407/E 4A ES 1406/E 4A | 160 L6 160 L6 180 L6 160 MR8 160 M8 160 L8 | 1400 | 1491 | 1540 | 1870 | 400 | | 32 | 12 | 710 790 840 710 710 710 | 255 326 376 214 223 244 | 4,3 |

Peso ventilatore in kg (completo di motore)
 Fan weight in kg (including motor)
 Poids du ventilateur en kg (complet avec moteur)
 Ventilatorgewicht in kg (mit Motor)

Tabella non impegnativa
 The above data are unbinding
 Tableau sans engagement
 Unverbindliche Tabelle

Impiego, dimensioni di ingombro e caratteristiche EF
Use, overall dimensions and specifications EF**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 secondo 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 le grandezze ≥ 1120 i ventilatori sono zincati a caldo di serie.

MOTORE

Il motore è trifase, 230/400V, 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 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, 230/400 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, dimensions d'encombrement et caractéristiques EF
Einsatz, masse und eigenschaften EF**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 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 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, 230/400 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

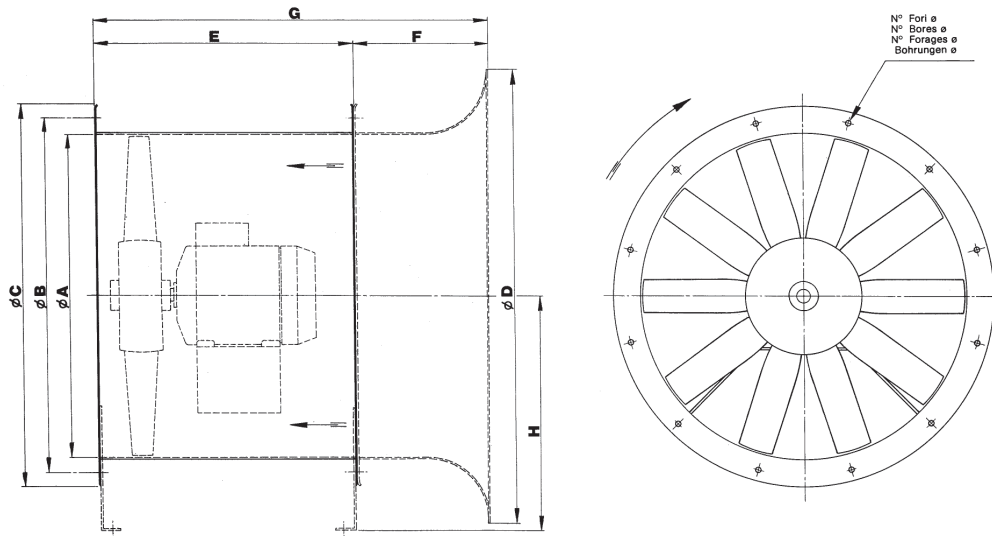
Direktantrieb, Gehäuse aus Stahl mit serienmäßig tiefgezogener Einströmdüse sowie druckseitigem Flansch nach DIN 24154. Laufrad aus ex-geschütztem Aluminiumdruckguß mit im Stillstand verstellbaren Profilschaufeln. Alle Laufräder sind präzise dynamisch ausgewuchtet. Ausführungen mit Durchmesser < 1120 sind einbrennlackiert - Ausführungen mit Durchmesser ab 1120 werden serienmäßig feuerverzinkt geliefert.

MOTOR

Drei Phasen, 230/400 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/Type/Typ | | Ventilatore Fan Ventilateur Ventilator | | | | | | | | | | Peso Weight Poids Gewicht | | J | | Tipo/Type/Type/Typ | | Ventilatore Fan Ventilateur Ventilator | | | | | | | | | | Peso Weight Poids Gewicht | | J | |
|--|---------------------------|--|-----|-----|-----|-----|-----|-----|-----|----|----|---------------------------|---------------------|--|---------------------------|--------------------|------|--|------|------|-----|------|-----|----|----|-----|---------------------|---------------------------|--|---|--|
| Ventilatore Fan Ventilateur Ventilator | Motore Motor Moteur Motor | A | B | C | D | E | F | G | H | N° | Ø | kg | kg · m ² | Ventilatore Fan Ventilateur Ventilator | Motore Motor Moteur Motor | A | B | C | D | E | F | G | H | N° | Ø | kg | kg · m ² | | | | |
| EF 316/I 4A | 63 B2 | | | | | | | | | | | 13 | | EF 806/G 4A | 90 L6 | | | | | | | | | | | 70 | | | | | |
| EF 314/I 4A | 71 A2 | | | | | | | | | | | 14 | | EF 805/G 4A | 100 LA6 | 800 | 861 | 905 | 1077 | 560 | 250 | 810 | 560 | 16 | 12 | 77 | 0,7 | | | | |
| EF 312/I 4A | 71 B2 | | | | | | | | | | | 15 | | EF 803/G 4A | 112 M6 | | | | | | | | | | | 80 | | | | | |
| EF 316/I 4A | 63 A4 | 315 | 366 | 400 | 464 | 355 | 160 | 515 | 236 | 8 | 10 | 12 | 0,012 | EF 907/F 4A | 112 M4 | | | | | | | | | | | 96 | | | | | |
| EF 314/I 4A | 63 A4 | | | | | | | | | | | 12 | | EF 906/F 4A | 132 SA4 | | | | | | | | | | | 109 | 0,95 | | | | |
| EF 312/I 4A | 63 A4 | | | | | | | | | | | 12 | | EF 905/F 4A | 132 MA4 | | | | | | | | | | | 120 | | | | | |
| | | | | | | | | | | | | 12 | | EF 906/I 4A | 132 MA4 | | | | | | | | | | | 134 | | | | | |
| | | | | | | | | | | | | 12 | | EF 905/I 4A | 160 M4 | | | | | | | | | | | 147 | 1,25 | | | | |
| | | | | | | | | | | | | 12 | | EF 903/I 4A | 160 L4 | | | | | | | | | | | 158 | | | | | |
| | | | | | | | | | | | | 12 | | EF 907/F 4A | 90 L6 | 900 | 958 | 1005 | 1190 | 710 | 280 | 990 | 600 | 16 | 12 | 82 | | | | | |
| | | | | | | | | | | | | 12 | | EF 906/F 4A | 100 LA6 | | | | | | | | | | | 89 | 0,95 | | | | |
| | | | | | | | | | | | | 13 | | EF 905/F 4A | 112 M6 | | | | | | | | | | | 92 | | | | | |
| | | | | | | | | | | | | 13 | | EF 906/I 4A | 112 M6 | | | | | | | | | | | 101 | | | | | |
| | | | | | | | | | | | | 13 | | EF 905/I 4A | 132 SA6 | | | | | | | | | | | 114 | 1,25 | | | | |
| | | | | | | | | | | | | 13 | | EF 903/I 4A | 132 MA6 | | | | | | | | | | | 114 | | | | | |
| | | | | | | | | | | | | 21 | | EF 1008/E 4A | 132 SA4 | | | | | | | | | | | 115 | | | | | |
| | | | | | | | | | | | | 23 | | EF 1007/E 4A | 132 MA4 | | | | | | | | | | | 126 | 1,20 | | | | |
| | | | | | | | | | | | | 26 | | EF 1006/E 4A | 132 MB4 | | | | | | | | | | | 132 | | | | | |
| | | | | | | | | | | | | 26 | | EF 1006/H 4A | 160 M4 | | | | | | | | | | | 187 | | | | | |
| | | | | | | | | | | | | 17 | 0,022 | EF 1005/H 4A | 160 L4 | | | | | | | | | | | 205 | 1,75 | | | | |
| | | | | | | | | | | | | 17 | | EF 1003/H 4A | 180 M4 | | | | | | | | | | | 279 | | | | | |
| | | | | | | | | | | | | 17 | | EF 1008/E 4A | 100 LA6 | | | | | | | | | | | 95 | | | | | |
| | | | | | | | | | | | | 29 | | EF 1007/E 4A | 112 M6 | 1000 | 1067 | 1107 | 1330 | 800 | 280 | 1080 | 670 | 24 | 12 | 98 | 1,20 | | | | |
| | | | | | | | | | | | | 32 | | EF 1006/E 4A | 132 SA6 | | | | | | | | | | | 111 | | | | | |
| | | | | | | | | | | | | 37 | 0,055 | EF 1006/H 4A | 132 SA6 | | | | | | | | | | | 121 | | | | | |
| | | | | | | | | | | | | 37 | | EF 1005/H 4A | 132 MA6 | | | | | | | | | | | 126 | | | | | |
| | | | | | | | | | | | | 21 | | EF 1003/H 4A | 132 MB6 | | | | | | | | | | | 134 | | | | | |
| | | | | | | | | | | | | 22 | | EF 1006/H 4A | 132 SA8 | | | | | | | | | | | 121 | | | | | |
| | | | | | | | | | | | | 24 | | EF 1005/H 4A | 132 SA8 | | | | | | | | | | | 121 | | | | | |
| | | | | | | | | | | | | 24 | | EF 1003/H 4A | 132 MA8 | | | | | | | | | | | 129 | | | | | |
| | | | | | | | | | | | | 38 | | EF 1126/G 4A | 180 M4 | | | | | | | | | | | 325 | | | | | |
| | | | | | | | | | | | | 43 | | EF 1125/G 4A | 180 L4 | | | | | | | | | | | 340 | | | | | |
| | | | | | | | | | | | | 50 | | EF 1124/G 4A | 200 L4 | | | | | | | | | | | 400 | | | | | |
| | | | | | | | | | | | | 27 | 0,08 | EF 1126/G 4A | 132 MB6 | | | | | | | | | | | 210 | | | | | |
| | | | | | | | | | | | | 28 | | EF 1125/G 4A | 160 M6 | 1120 | 1200 | 1248 | 1490 | 900 | 315 | 1215 | 750 | 24 | 12 | 233 | 2,5 | | | | |
| | | | | | | | | | | | | 30 | | EF 1124/G 4A | 160 L6 | | | | | | | | | | | 317 | | | | | |
| | | | | | | | | | | | | 57 | | EF 1126/G 4A | 132 SA8 | | | | | | | | | | | 198 | | | | | |
| | | | | | | | | | | | | 69 | 0,18 | EF 1125/G 4A | 132 MA8 | | | | | | | | | | | 206 | | | | | |
| | | | | | | | | | | | | 79 | | EF 1124/G 4A | 160 MR8 | | | | | | | | | | | 218 | | | | | |
| | | | | | | | | | | | | 35 | | EF 1257/F 4A | 160 M6 | | | | | | | | | | | 253 | | | | | |
| | | | | | | | | | | | | 36 | | EF 1256/F 4A | 160 L6 | | | | | | | | | | | 279 | | | | | |
| | | | | | | | | | | | | 39 | | EF 1255/F 4A | 180 L6 | | | | | | | | | | | 350 | | | | | |
| | | | | | | | | | | | | 93 | 0,45 | EF 1257/F 4A | 132 SB8 | 1250 | 1337 | 1380 | 1670 | 1000 | 355 | 1355 | 850 | 24 | 12 | 226 | 3,3 | | | | |
| | | | | | | | | | | | | 109 | | EF 1256/F 4A | 160 MR8 | | | | | | | | | | | 238 | | | | | |
| | | | | | | | | | | | | 112 | | EF 1255/F 4A | 160 MB8 | | | | | | | | | | | 247 | | | | | |
| | | | | | | | | | | | | 43 | 0,24 | EF 1408/E 4A | 160 L6 | | | | | | | | | | | 349 | | | | | |
| | | | | | | | | | | | | 46 | | EF 1407/E 4A | 160 L6 | | | | | | | | | | | 420 | | | | | |
| | | | | | | | | | | | | 46 | | EF 1406/E 4A | 180 L6 | | | | | | | | | | | 470 | | | | | |
| | | | | | | | | | | | | 53 | | EF 1408/E 4A | 160 MR8 | 1400 | 1491 | 1540 | 1870 | 1000 | 400 | 1400 | 950 | 32 | 12 | 308 | 4,3 | | | | |
| | | | | | | | | | | | | 61 | | EF 1407/E 4A | 160 M8 | | | | | | | | | | | 317 | | | | | |
| | | | | | | | | | | | | 63 | | EF 1406/E 4A | 160 L8 | | | | | | | | | | | 338 | | | | | |
| | | | | | | | | | | | | 68 | 0,53 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 48 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 51 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 54 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 79 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 84 | 0,7 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 97 | | | | | | | | | | | | | | | | | | | |

Peso ventilatore in kg (completo di motore)
 Fan weight in kg (including motor)
 Poids du ventilateur en kg (complet avec moteur)
 Ventilatorgewicht in kg (mit Motor)

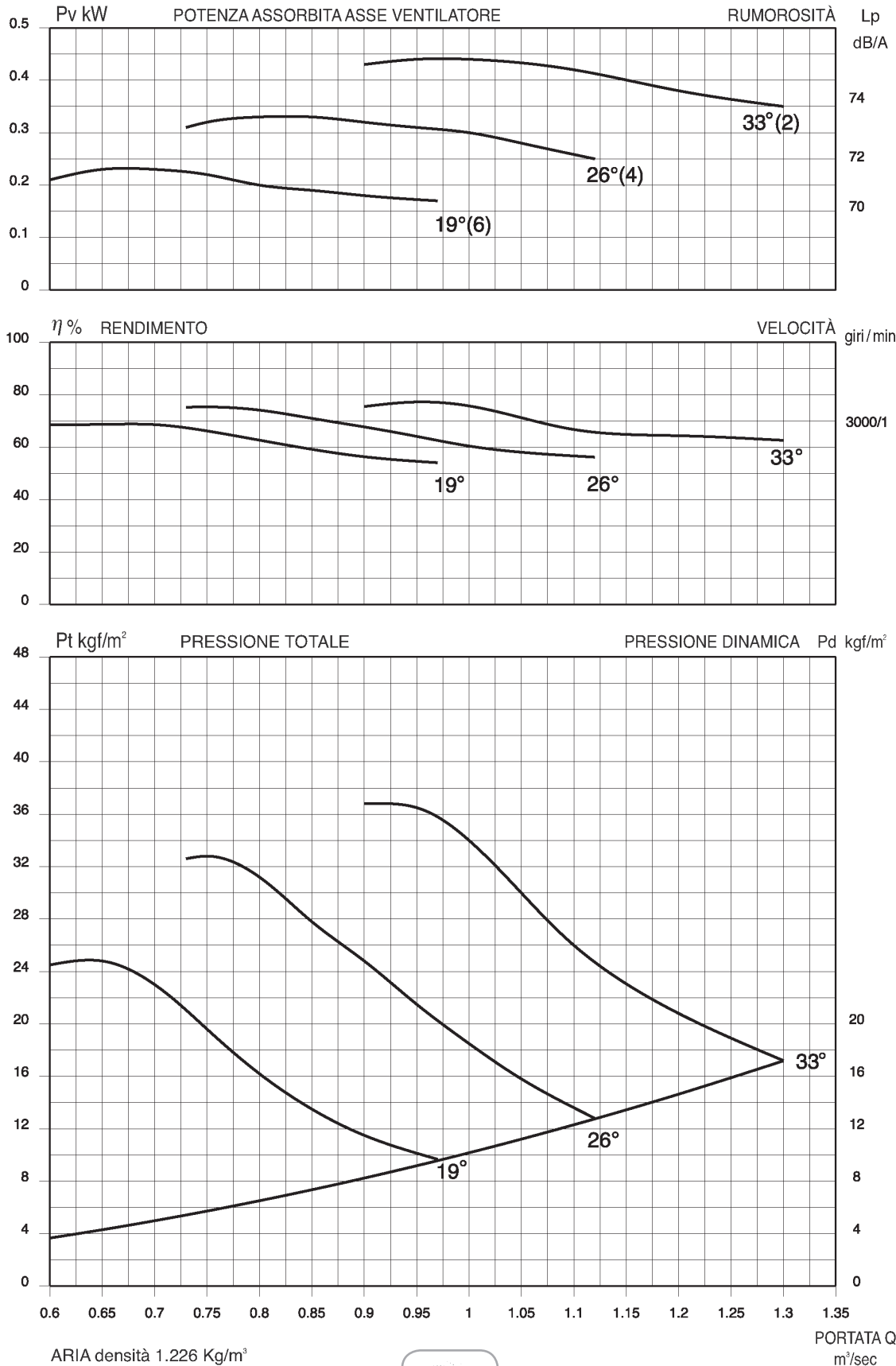
Tabella non impegnativa
 The above data are unbinding
 Tableau sans engagement
 Unverbindliche Tabelle



ELVE EF 316-314-312/I 4A/A
 POTENZA INSTALLATA 0.25-0.37-0.55 KW

ELVE ES 316-314-312/I 4A/A
 POTENZA INSTALLATA 0.25-0.37-0.55 KW

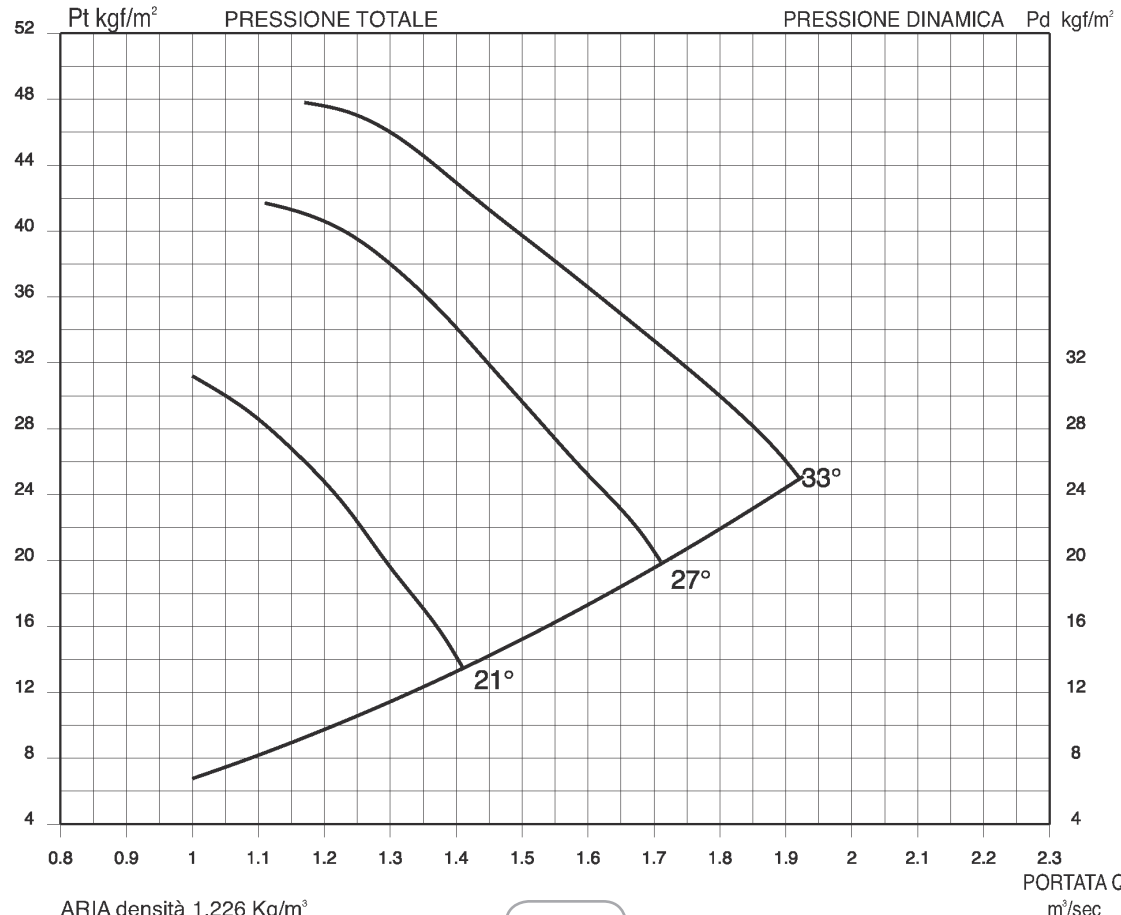
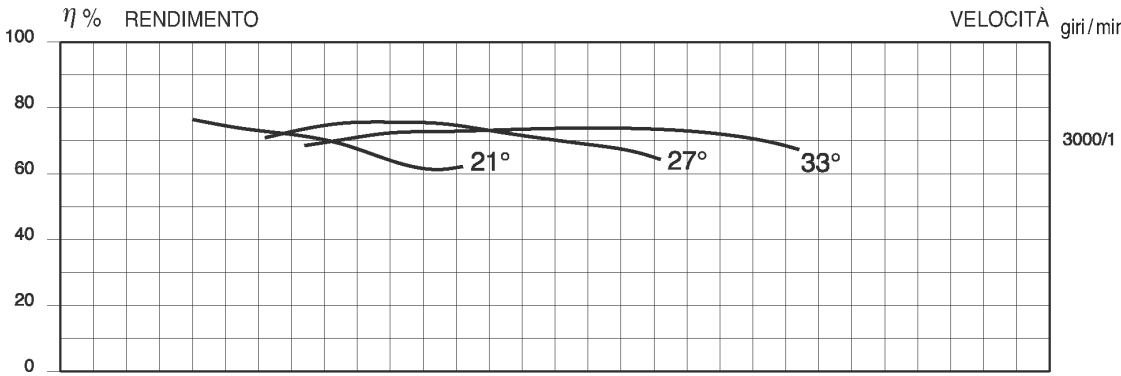
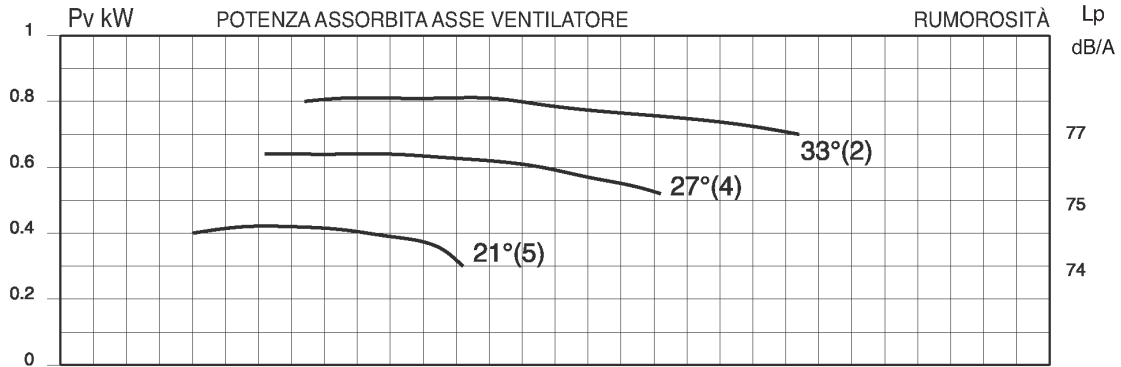
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 315 mm



ELVE EF 355-354-352/H 4A/A
 POTENZA INSTALLATA 0.55-0.75-1.1 KW

ELVE ES 355-354-352/H 4A/A
 POTENZA INSTALLATA 0.55-0.75-1.1 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 355 mm



ARIA densità 1.226 Kg/m³



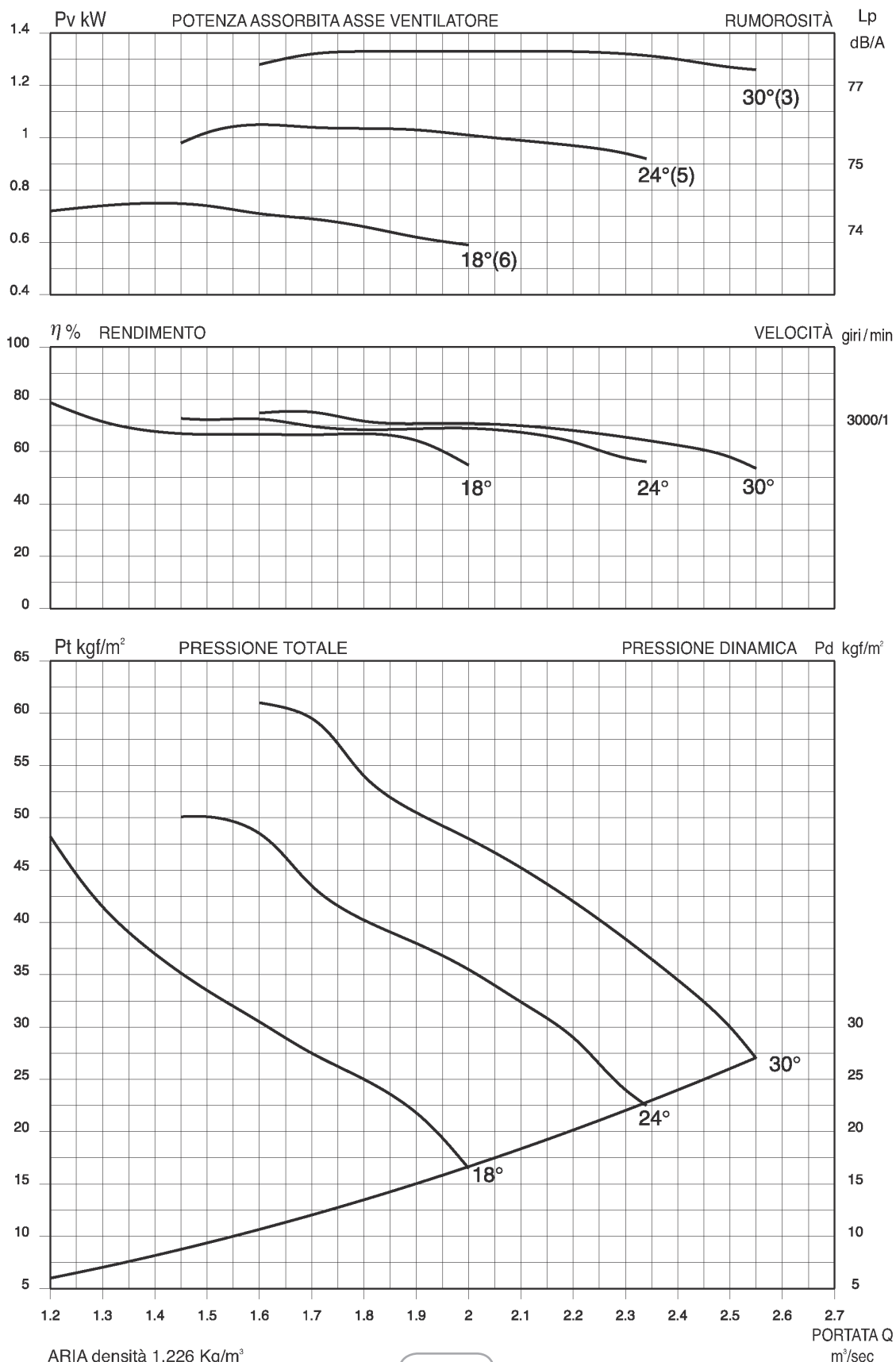
ELVE EF 406-405-403/G 4A/A

POTENZA INSTALLATA 0.75-1.1-1.5 KW

ELVE ES 406-405-403/G 4A/A

POTENZA INSTALLATA 0.75-1.1-1.5 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 400 mm



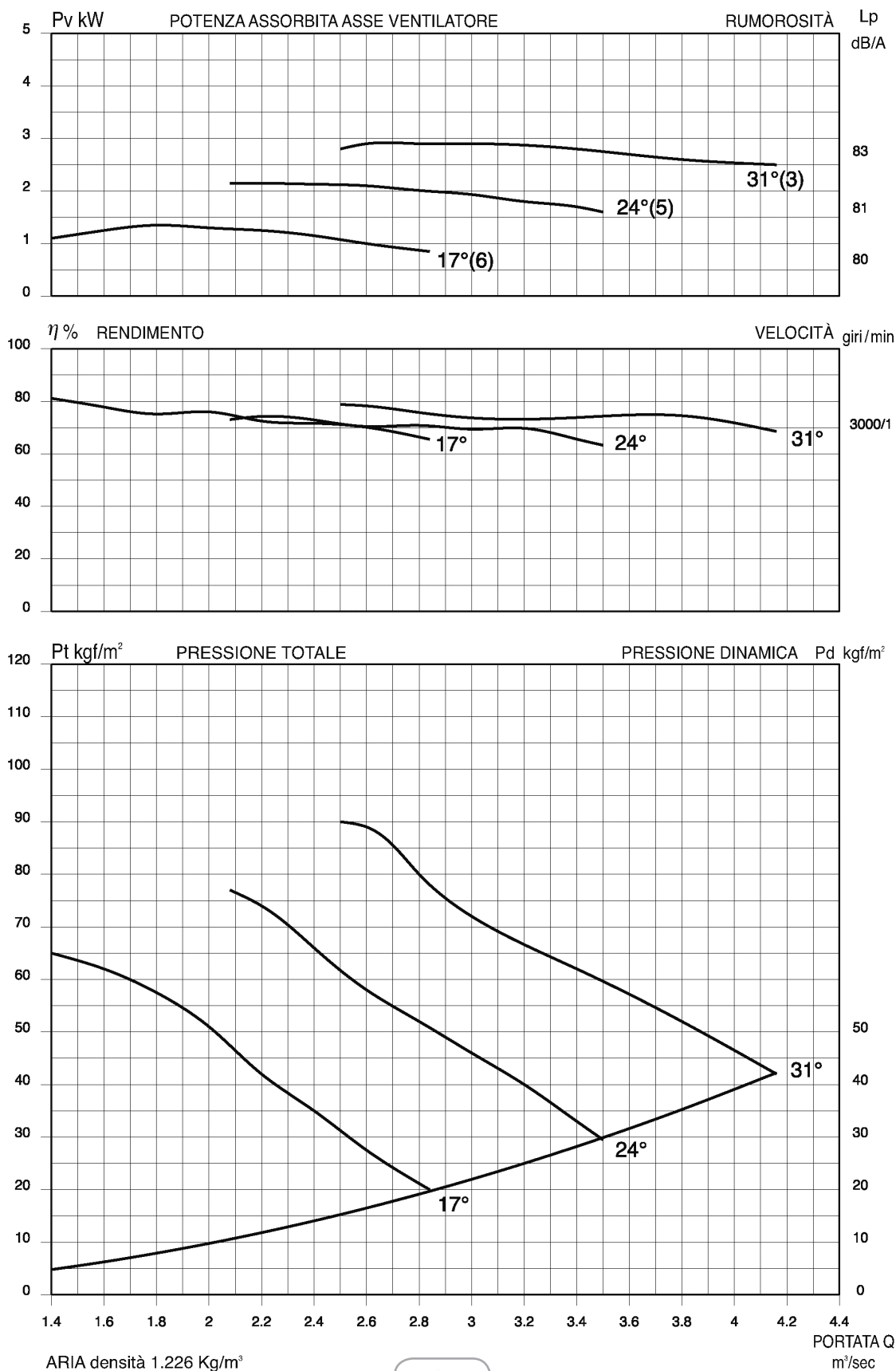
ELVE EF 456-455-453/H 4A/A

POTENZA INSTALLATA 1.5-2.2-3 KW

ELVE ES 456-455-453/H 4A/A

POTENZA INSTALLATA 1.5-2.2-3 KW

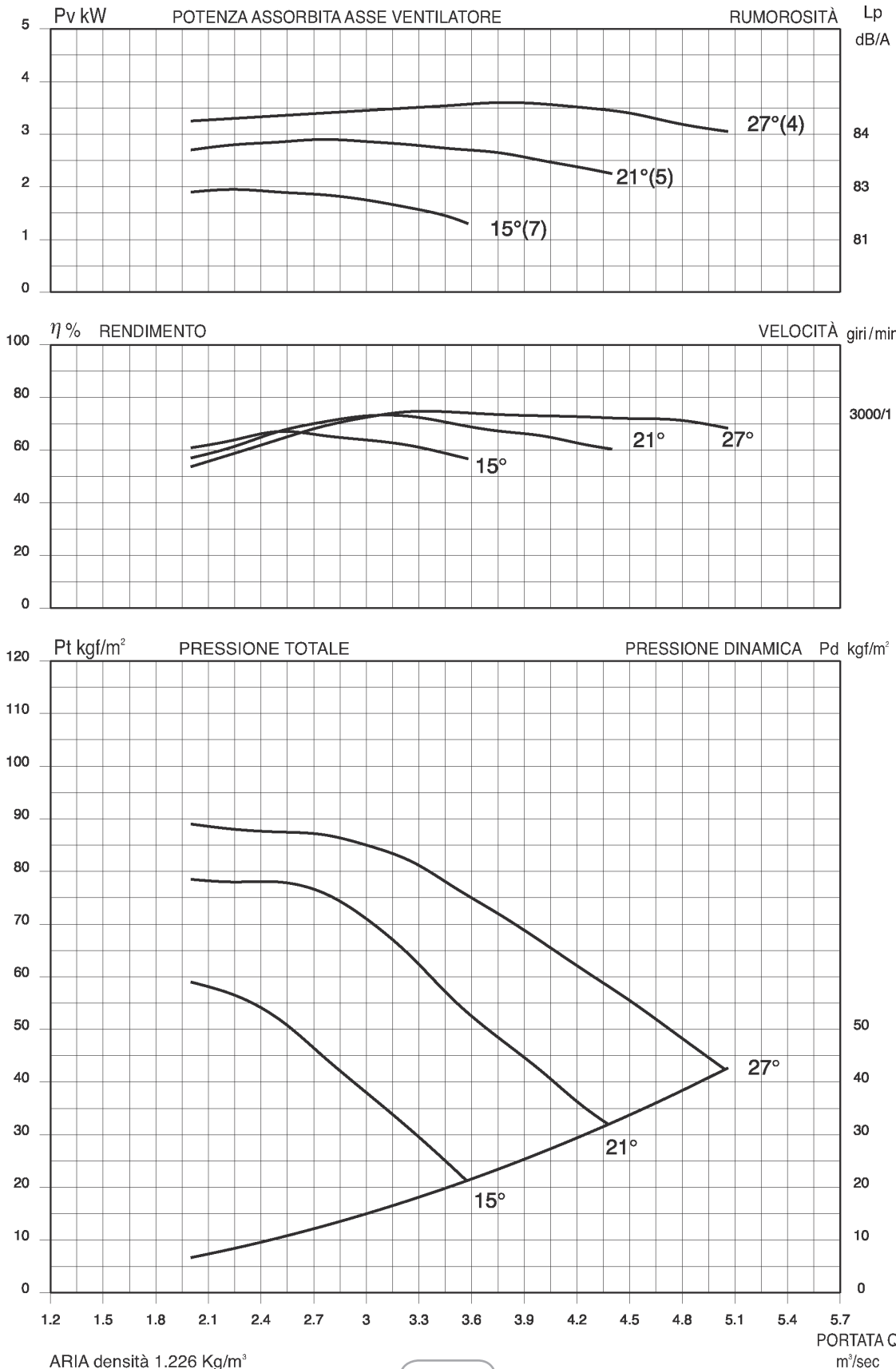
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 450 mm



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

POTENZA INSTALLATA 2.2-3-4 KW

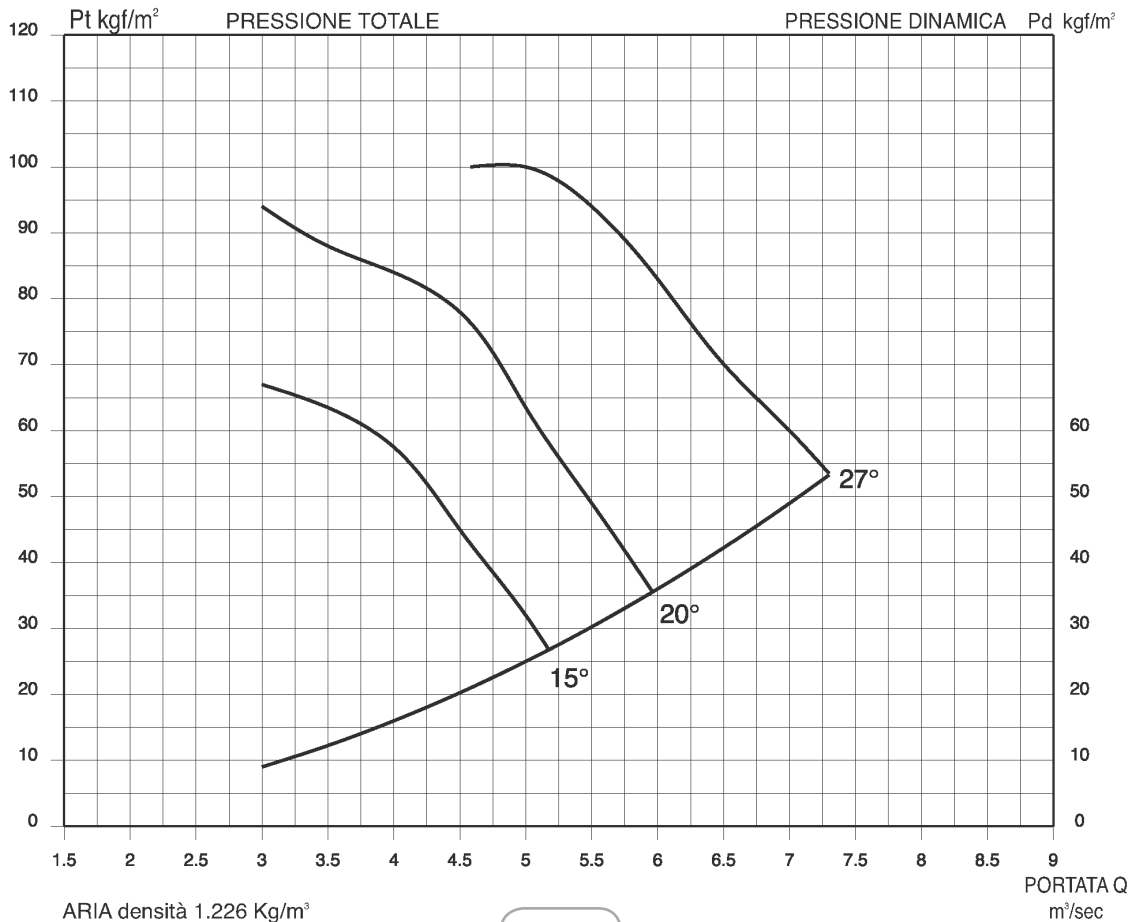
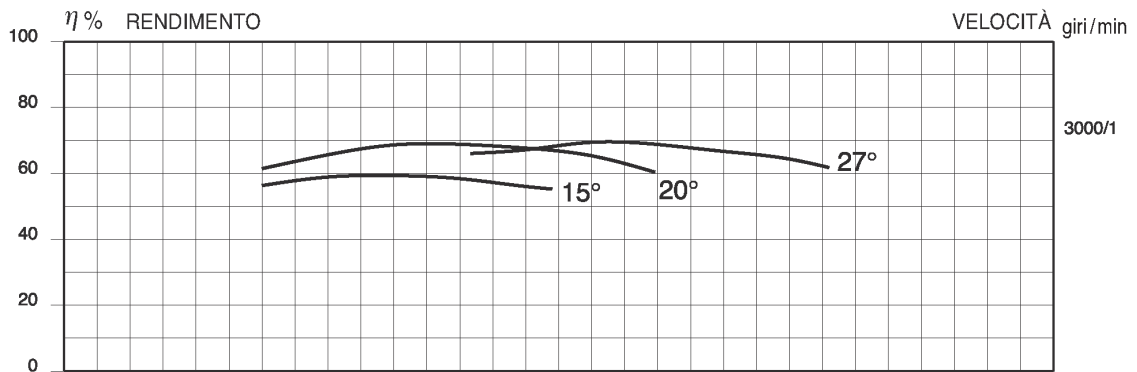
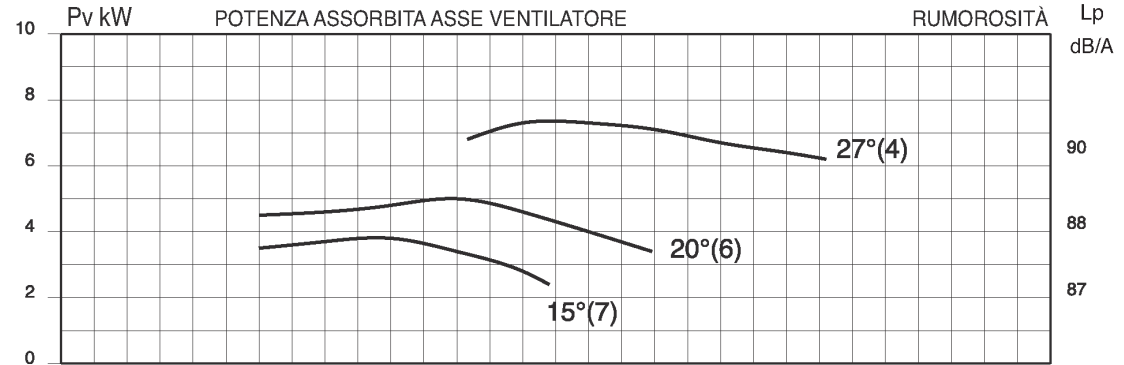
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 500 mm



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

POTENZA INSTALLATA 4-5.5-7.5 KW

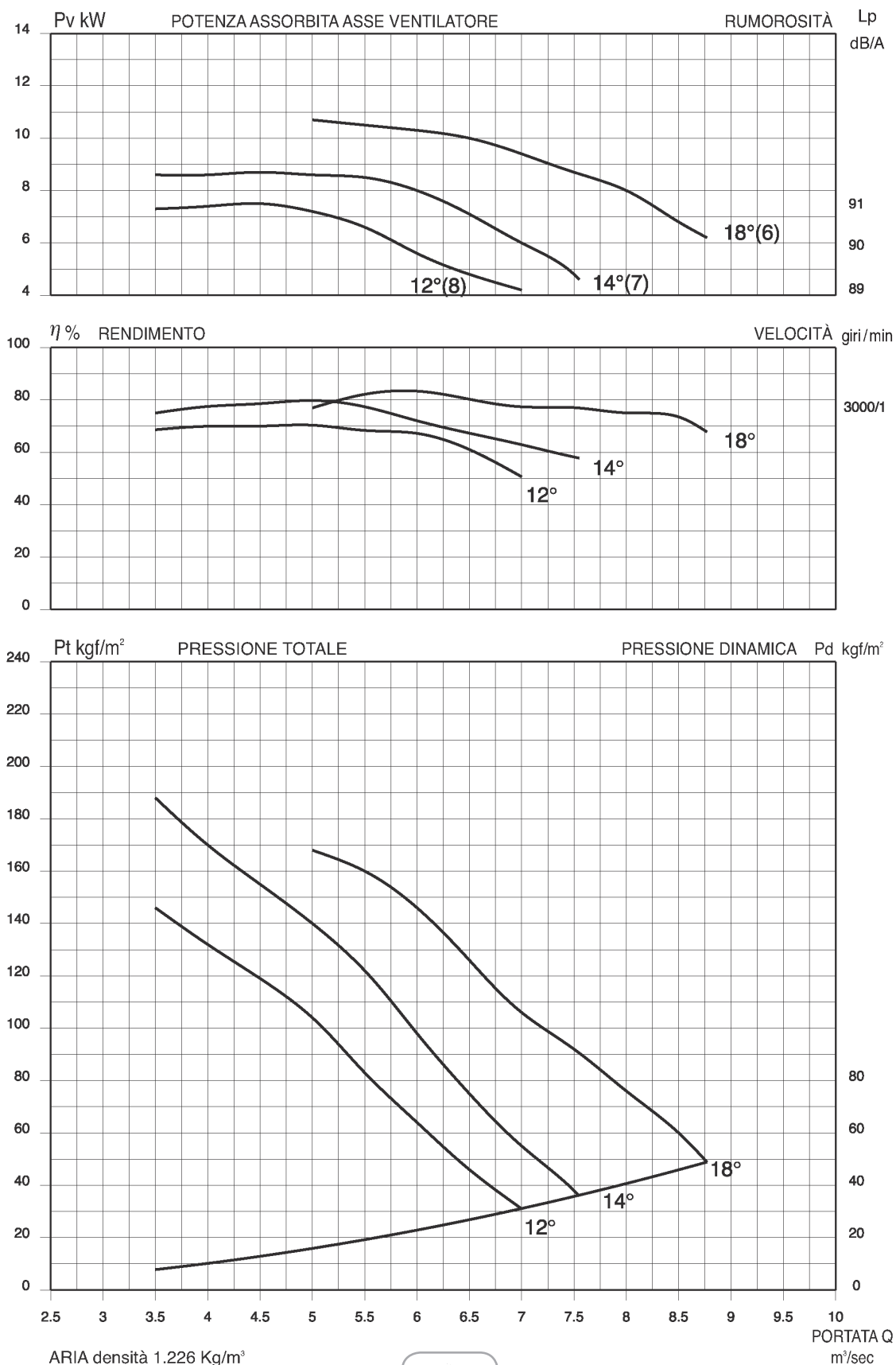
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 560 mm



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

POTENZA INSTALLATA 7.5-9-11 KW - GRANDEZZA MOTORE / MOTOR SIZE MAX 132

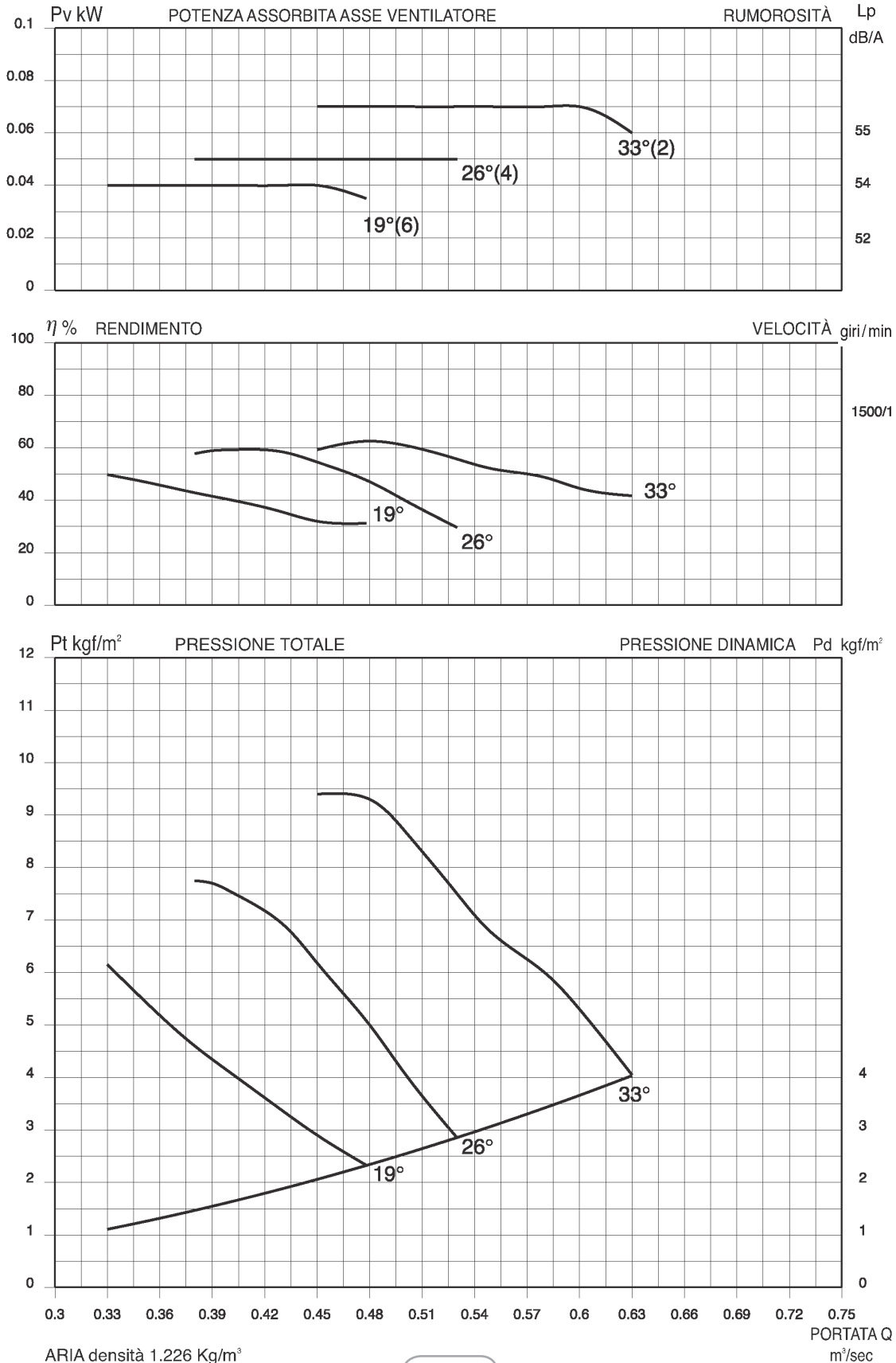
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 630 mm



ELVE EF 316-314-312/I 4A/A
 POTENZA INSTALLATA 0.12-0.12-0.12 KW

ELVE ES 316-314-312/I 4A/A
 POTENZA INSTALLATA 0.12-0.12-0.12 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 315 mm



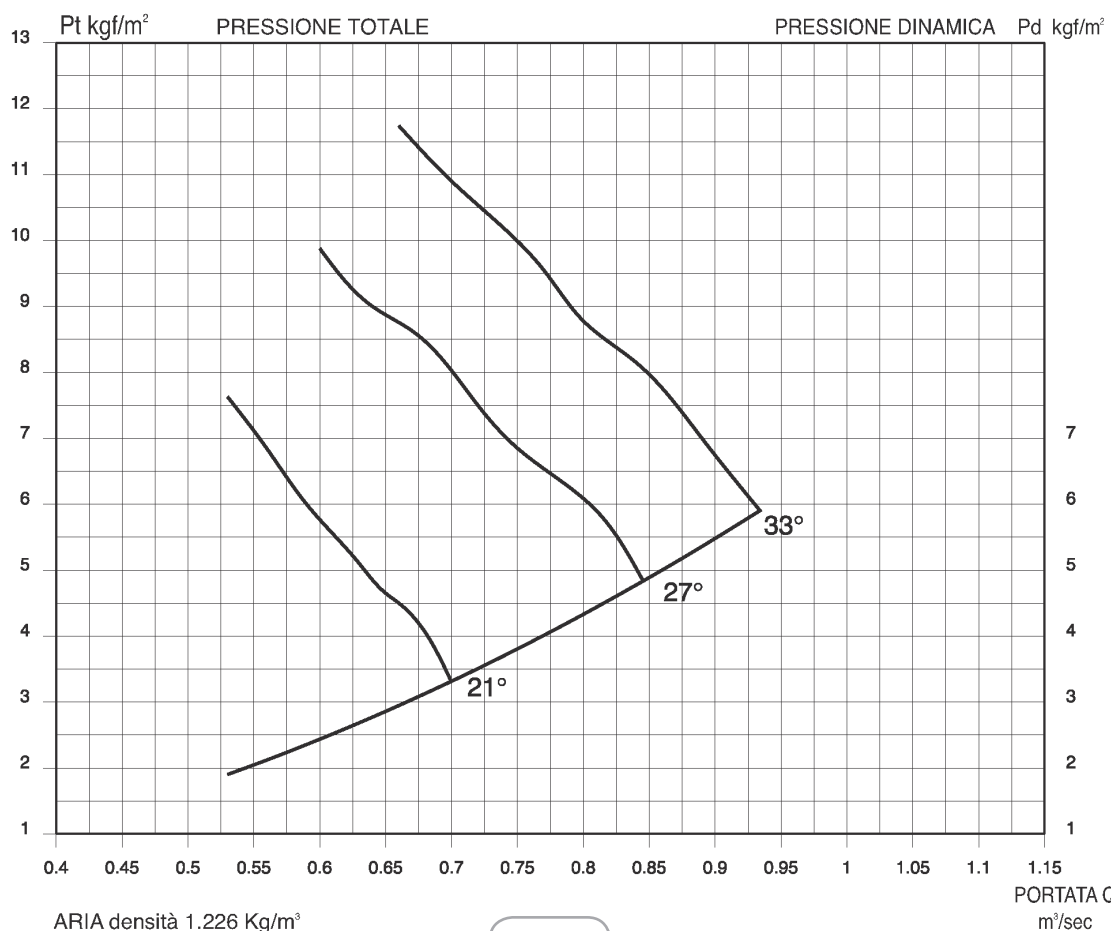
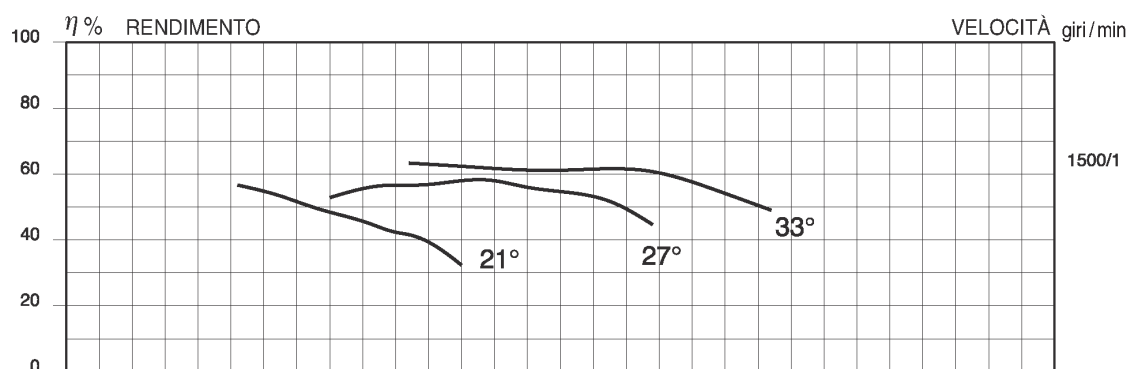
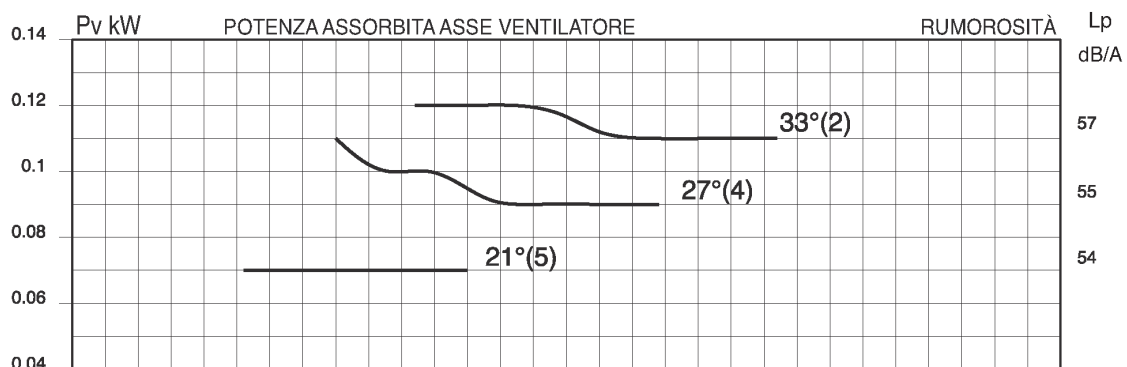
ELVE EF 355-354-352/H 4A/A

POTENZA INSTALLATA 0.12-0.12-0.18 KW

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

POTENZA INSTALLATA 0.12-0.12-0.18 KW

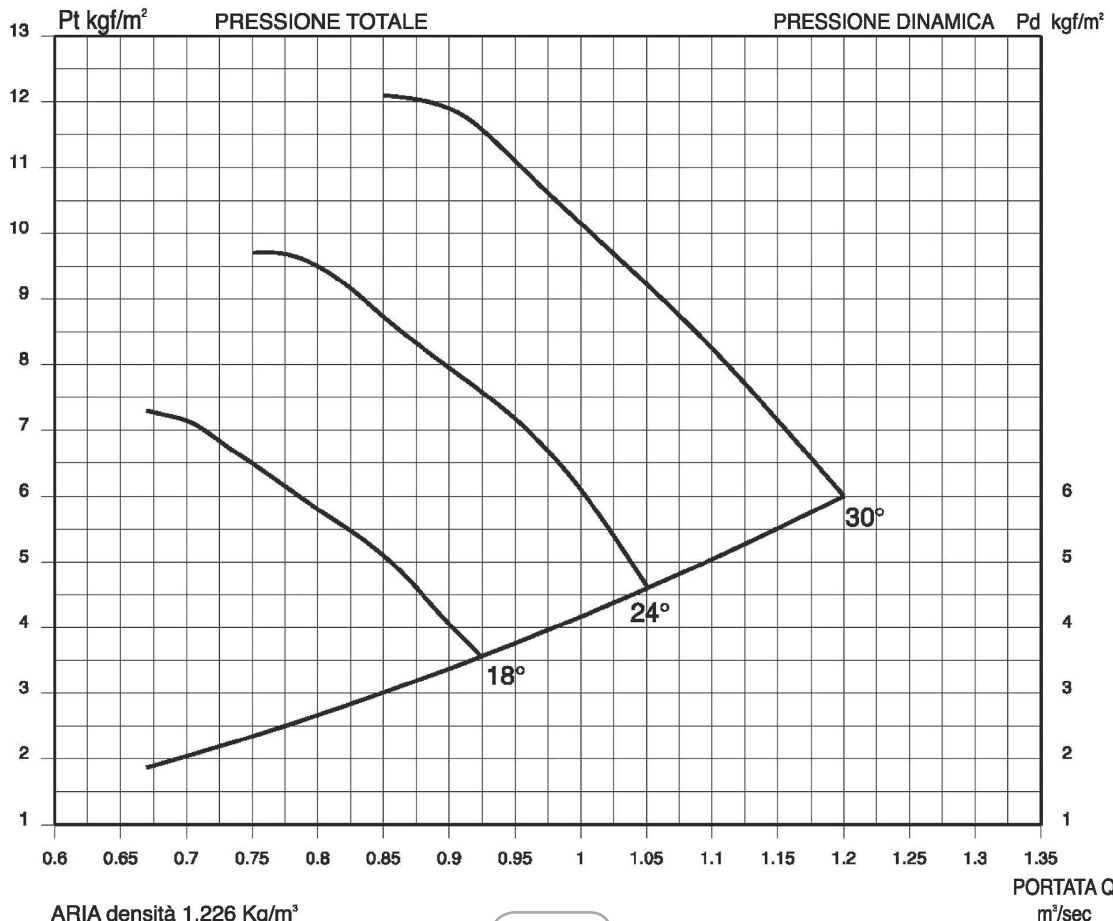
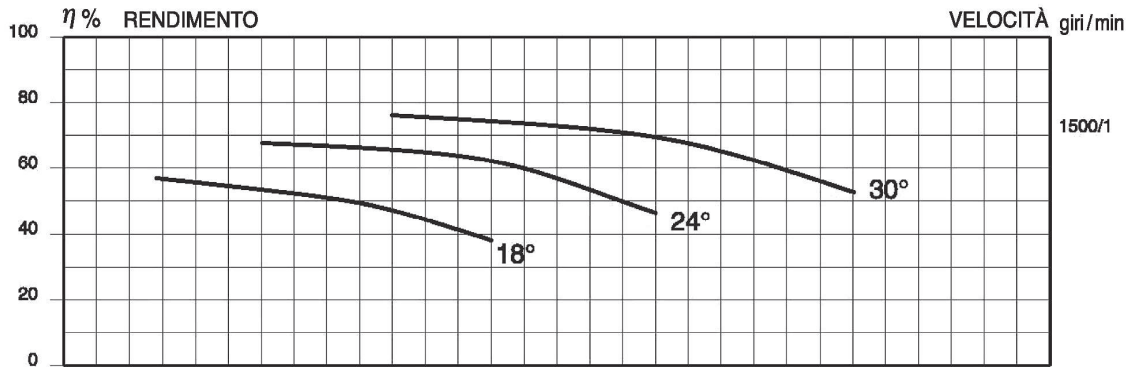
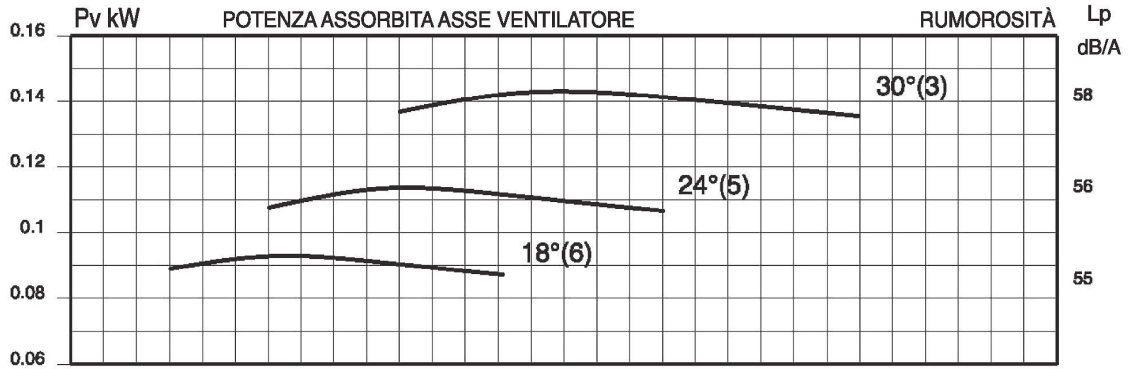
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 355 mm



ELVE EF 406-405-403/G 4A/A
 POTENZA INSTALLATA 0.12-0.12-0.18 KW

ELVE ES 406-405-403/G 4A/A
 POTENZA INSTALLATA 0.12-0.12-0.18 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 400 mm



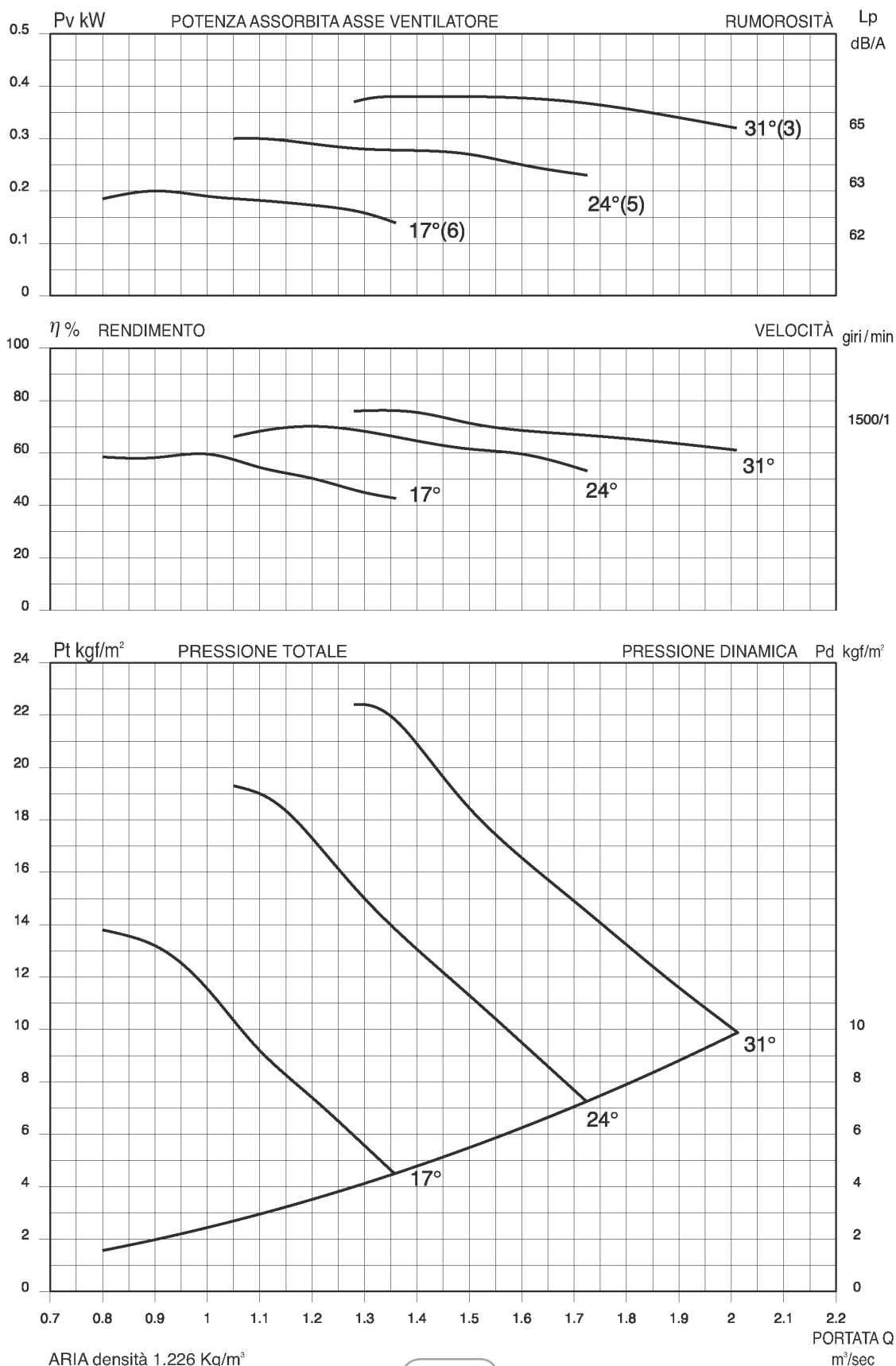
ELVE EF 456-455-453/H 4A/A

POTENZA INSTALLATA 0.25-0.37-0.55 KW

ELVE ES 456-455-453/H 4A/A

POTENZA INSTALLATA 0.25-0.37-0.55 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 450 mm



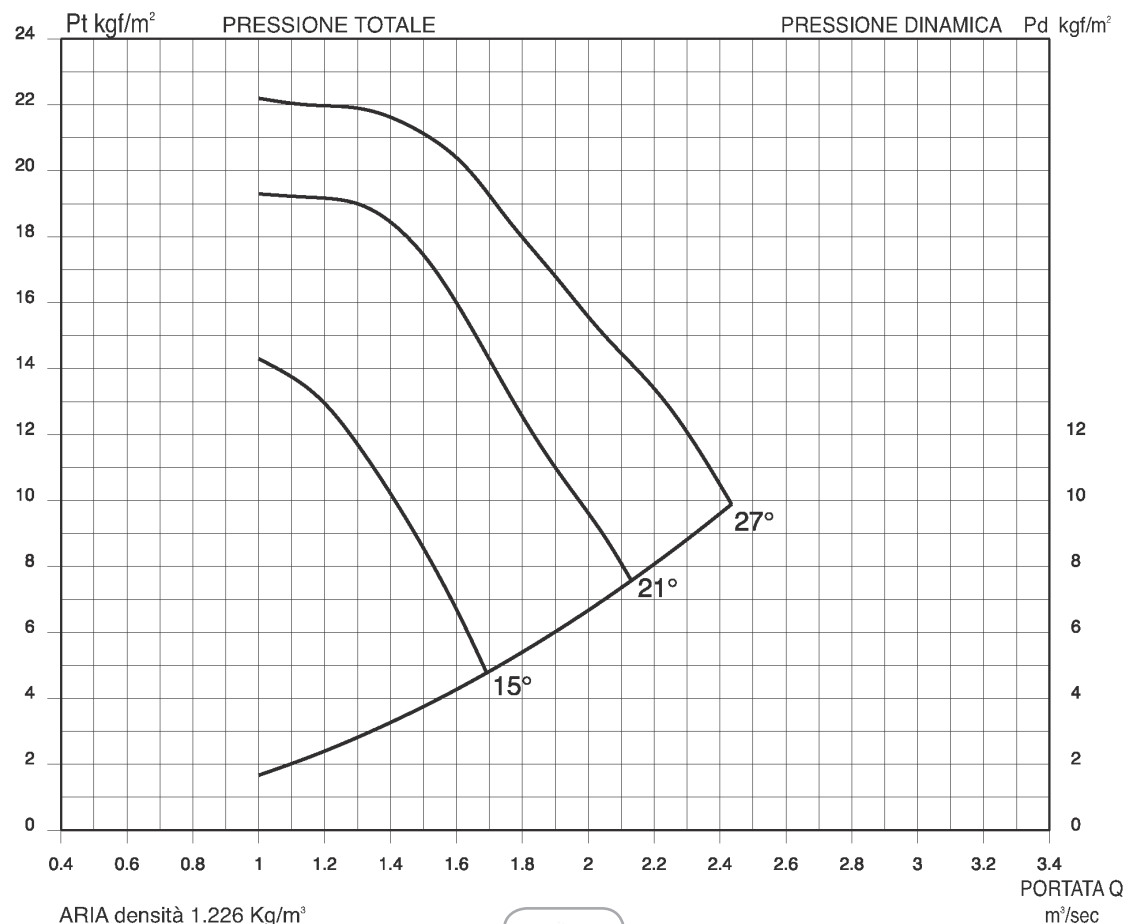
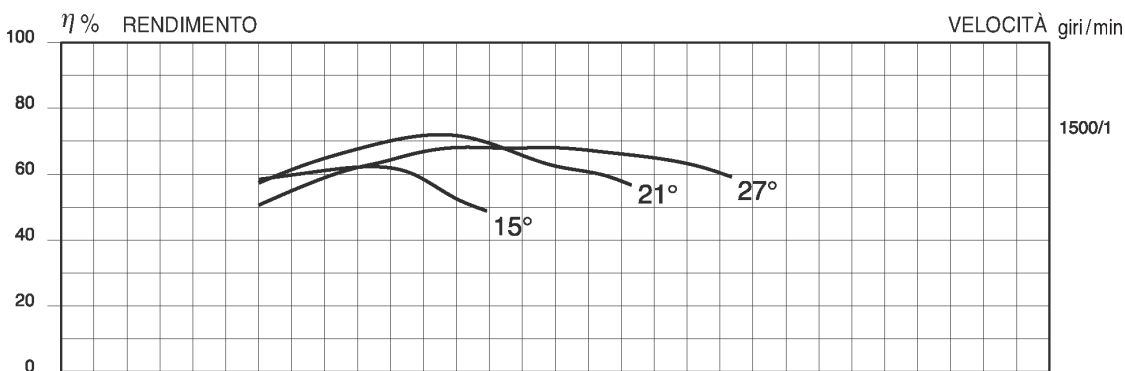
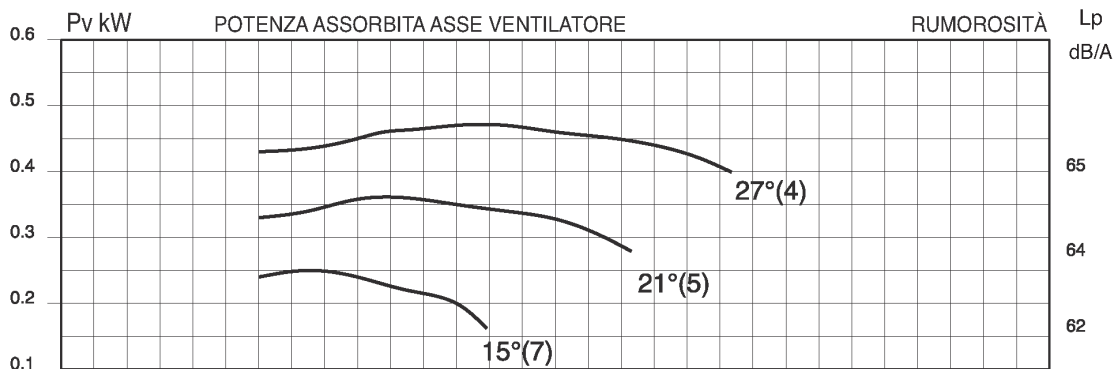
ELVE EF 507-505-504/G 4A/A

POTENZA INSTALLATA 0.25-0.37-0.55 KW

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

POTENZA INSTALLATA 0.25-0.37-0.55 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 500 mm



ARIA densità 1.226 Kg/m³



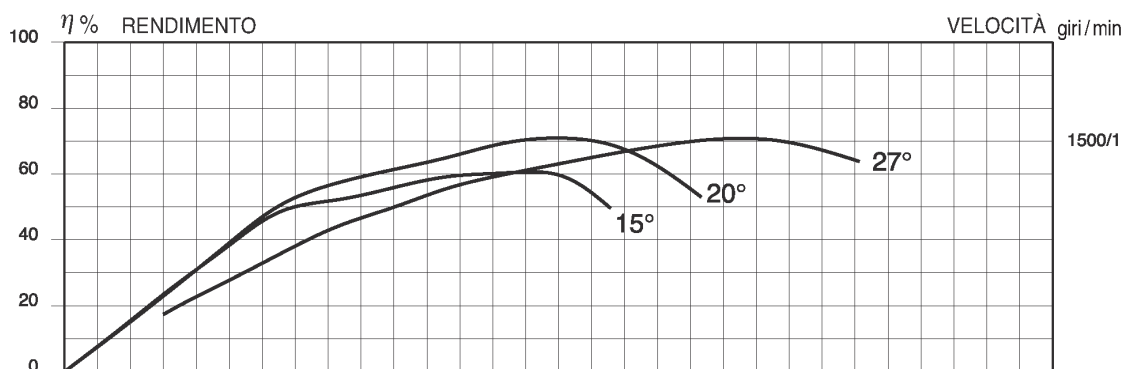
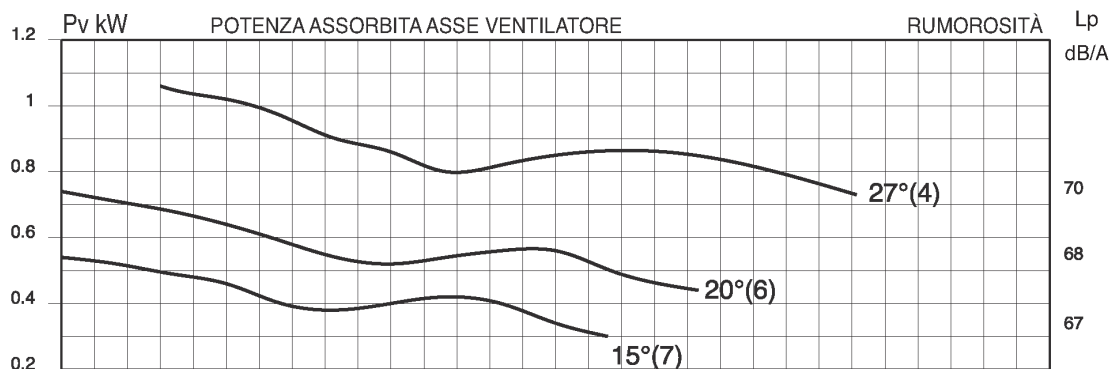
ELVE EF 567-566-564/H 4A/A

POTENZA INSTALLATA 0.55-0.75-1.1 KW

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

POTENZA INSTALLATA 0.55-0.75-1.1 KW

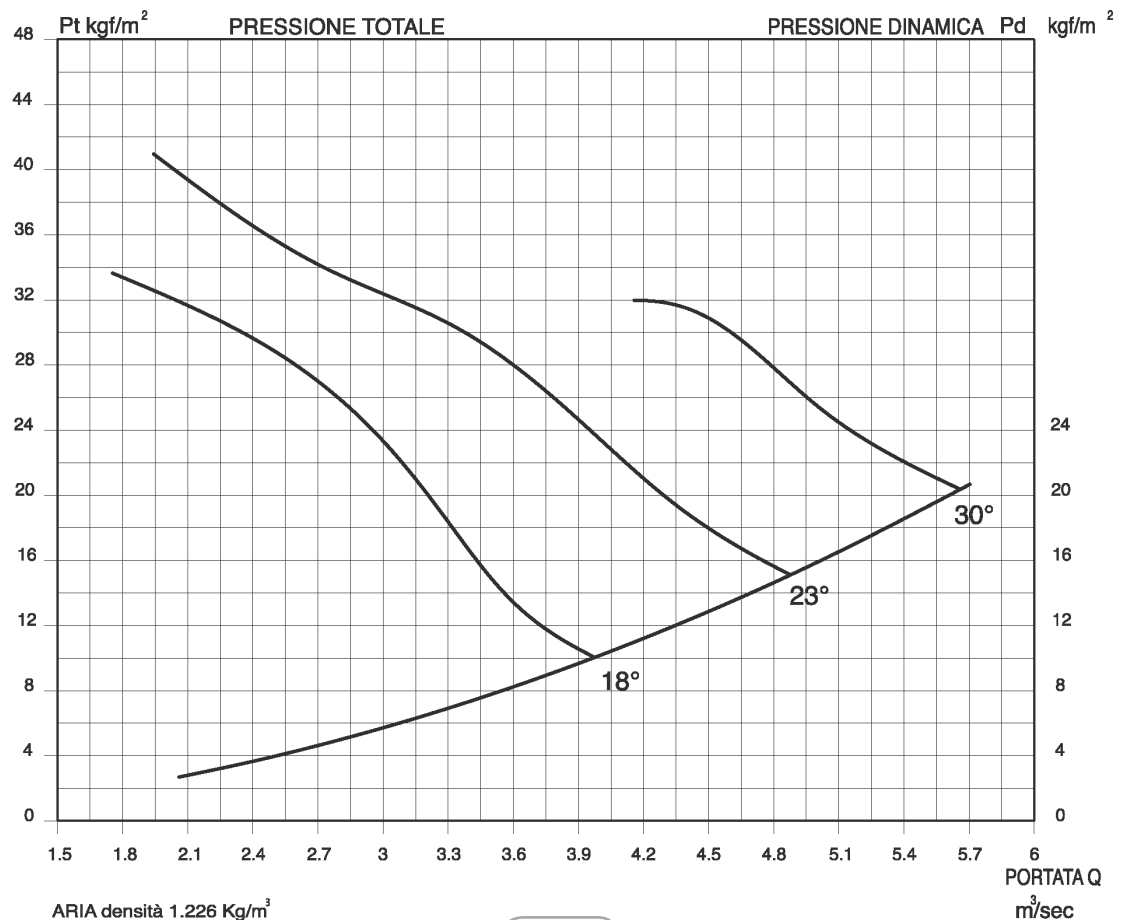
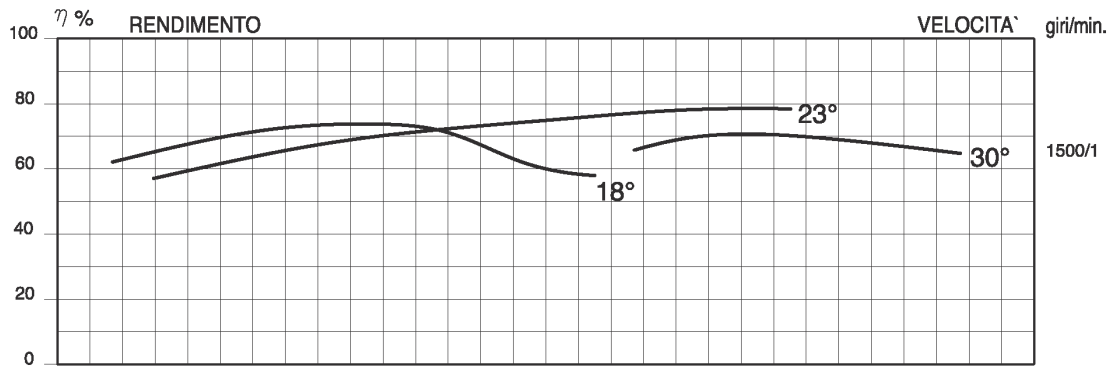
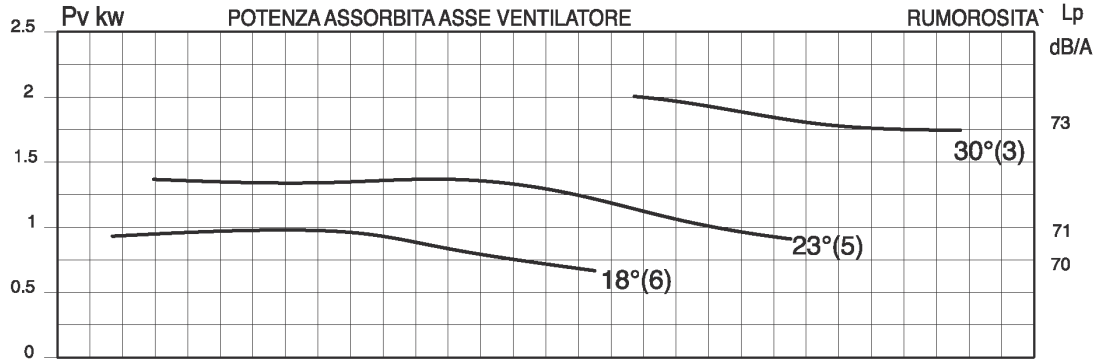
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 560 mm



ELVE EF 636-635-633/G 4A/A
 POTENZA INSTALLATA 1.1-1.5-2.2 KW

ELVE ES 636-635-633/G 4A/A
 POTENZA INSTALLATA 1.1-1.5-2.2 KW

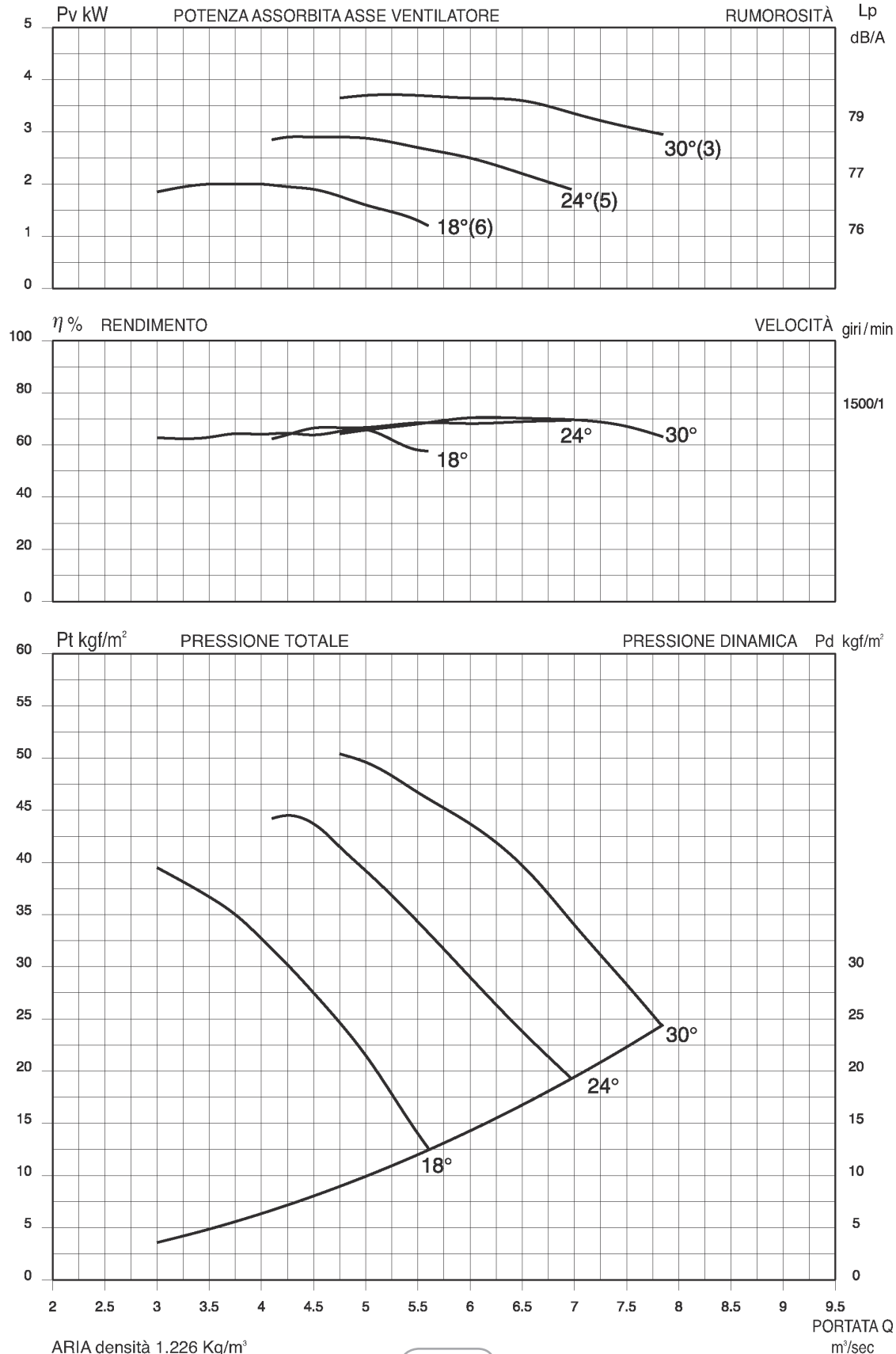
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 630 mm



ELVE EF 716-715-713/H 4A/A
 POTENZA INSTALLATA 2.2-3-4 KW

ELVE ES 716-715-713/H 4A/A
 POTENZA INSTALLATA 2.2-3-4 KW

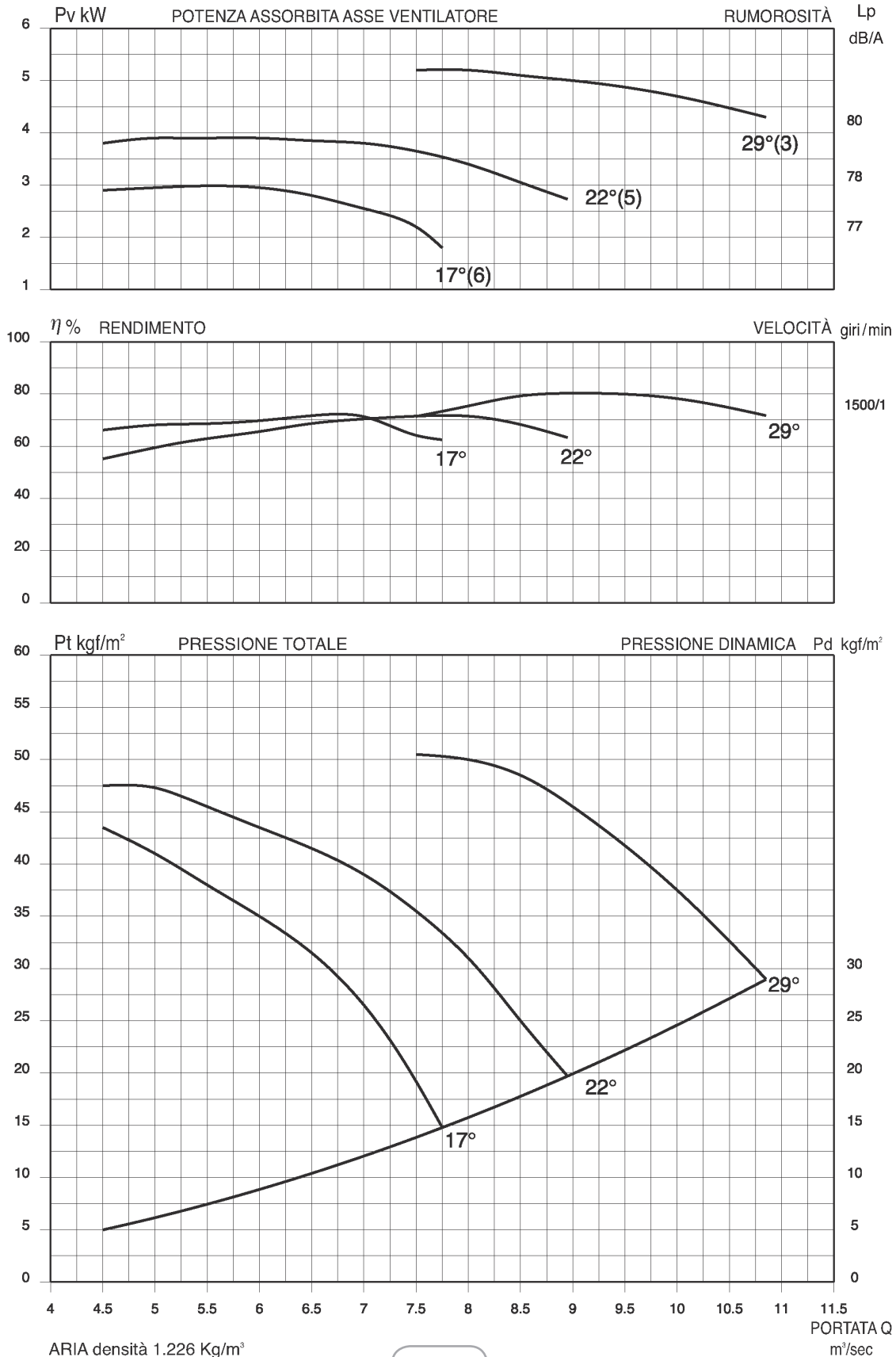
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 710 mm



ELVE EF 806-805-803/G 4A/A
 POTENZA INSTALLATA 3-4-5.5 KW

ELVE ES 806-805-803/G 4A/A
 POTENZA INSTALLATA 3-4-5.5 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 800 mm



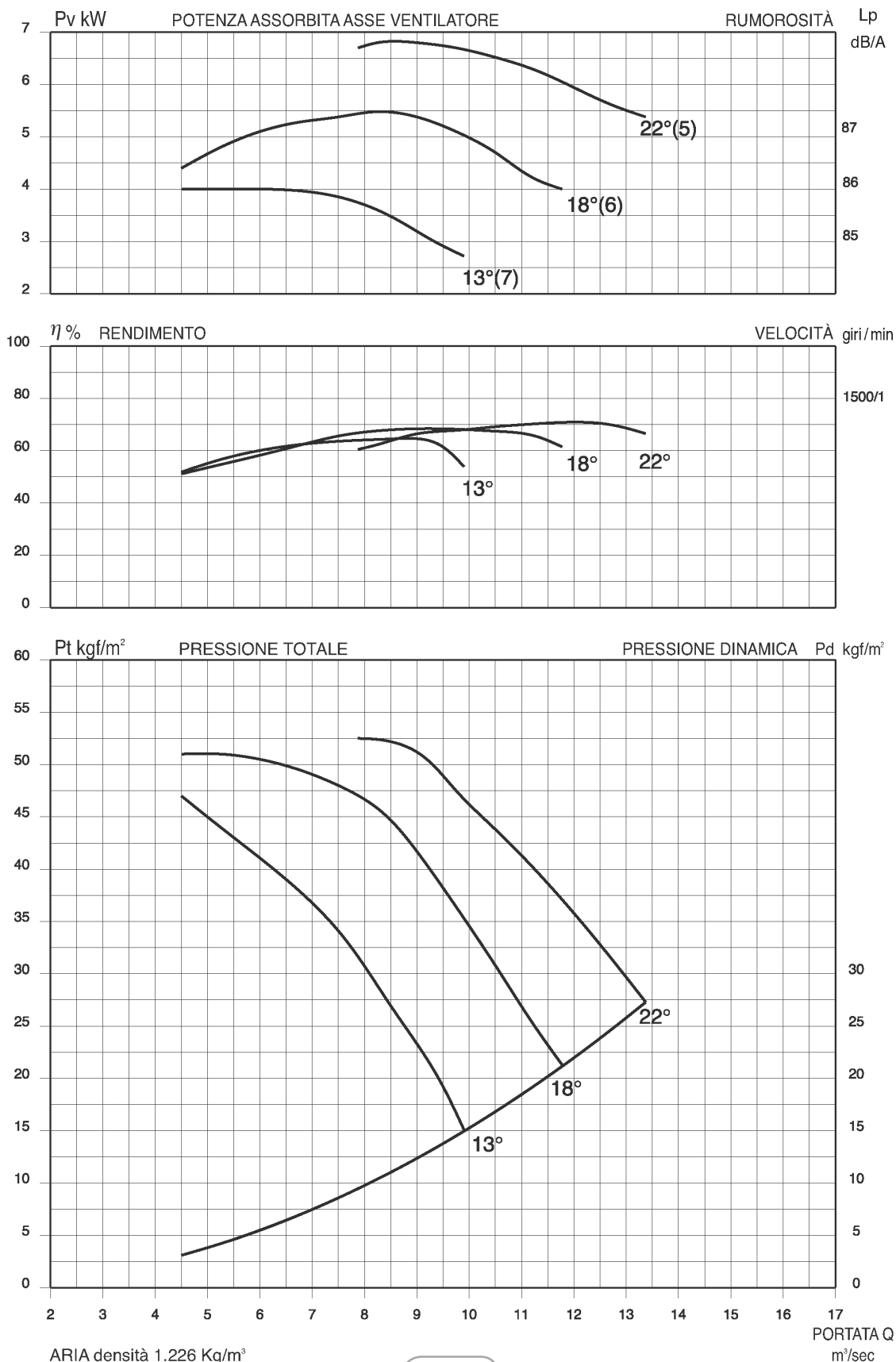
ELVE EF 907-906-905/F 4A/A

POTENZA INSTALLATA 4-5.5-7.5 KW

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

POTENZA INSTALLATA 4-5.5-7.5 KW

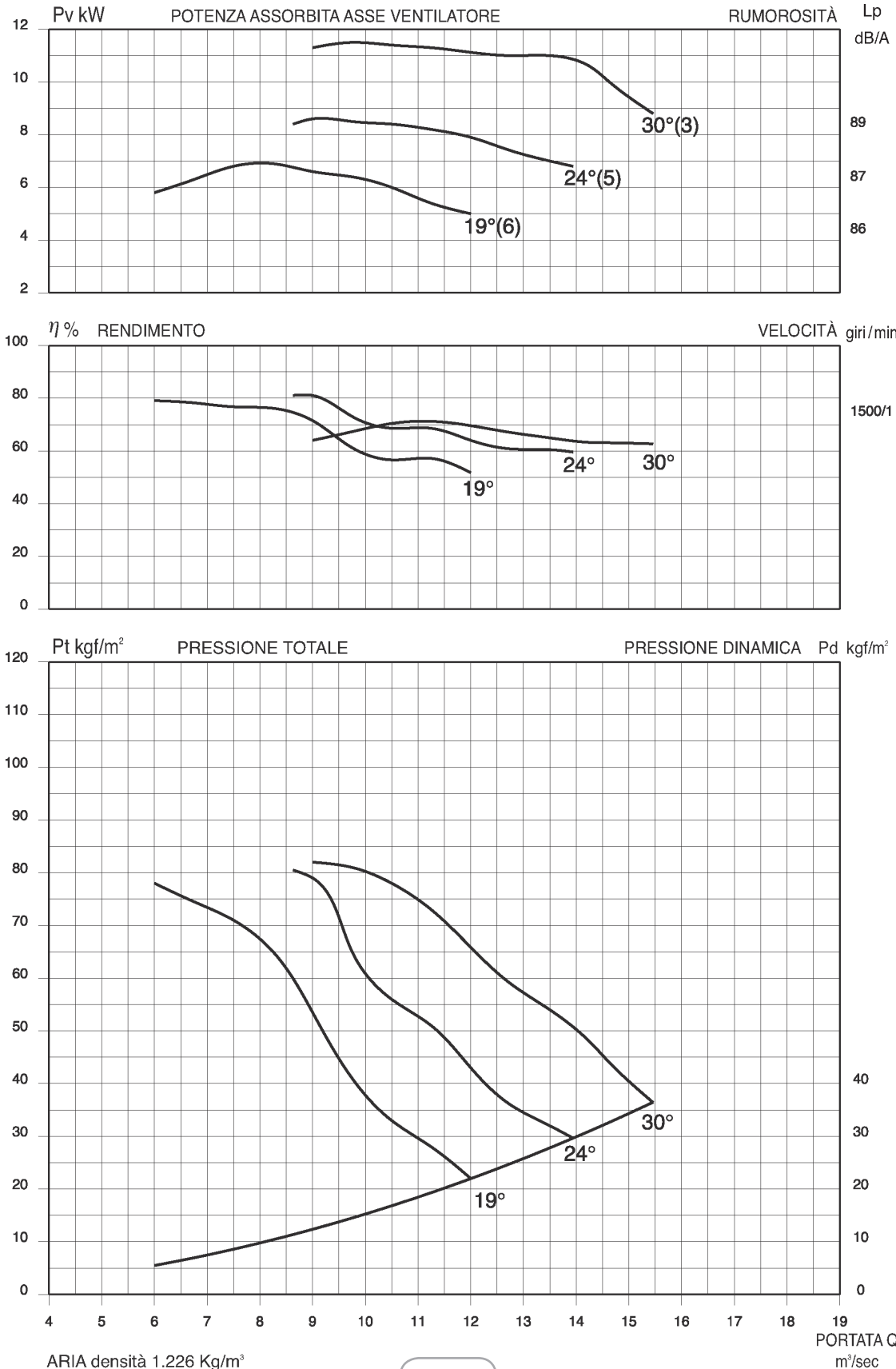
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 900 mm



ELVE EF 906-905-903/I 4A/A
 POTENZA INSTALLATA 7.5-11-15 KW

ELVE ES 906-905-903/I 4A/A
 POTENZA INSTALLATA 7.5-11-15 KW

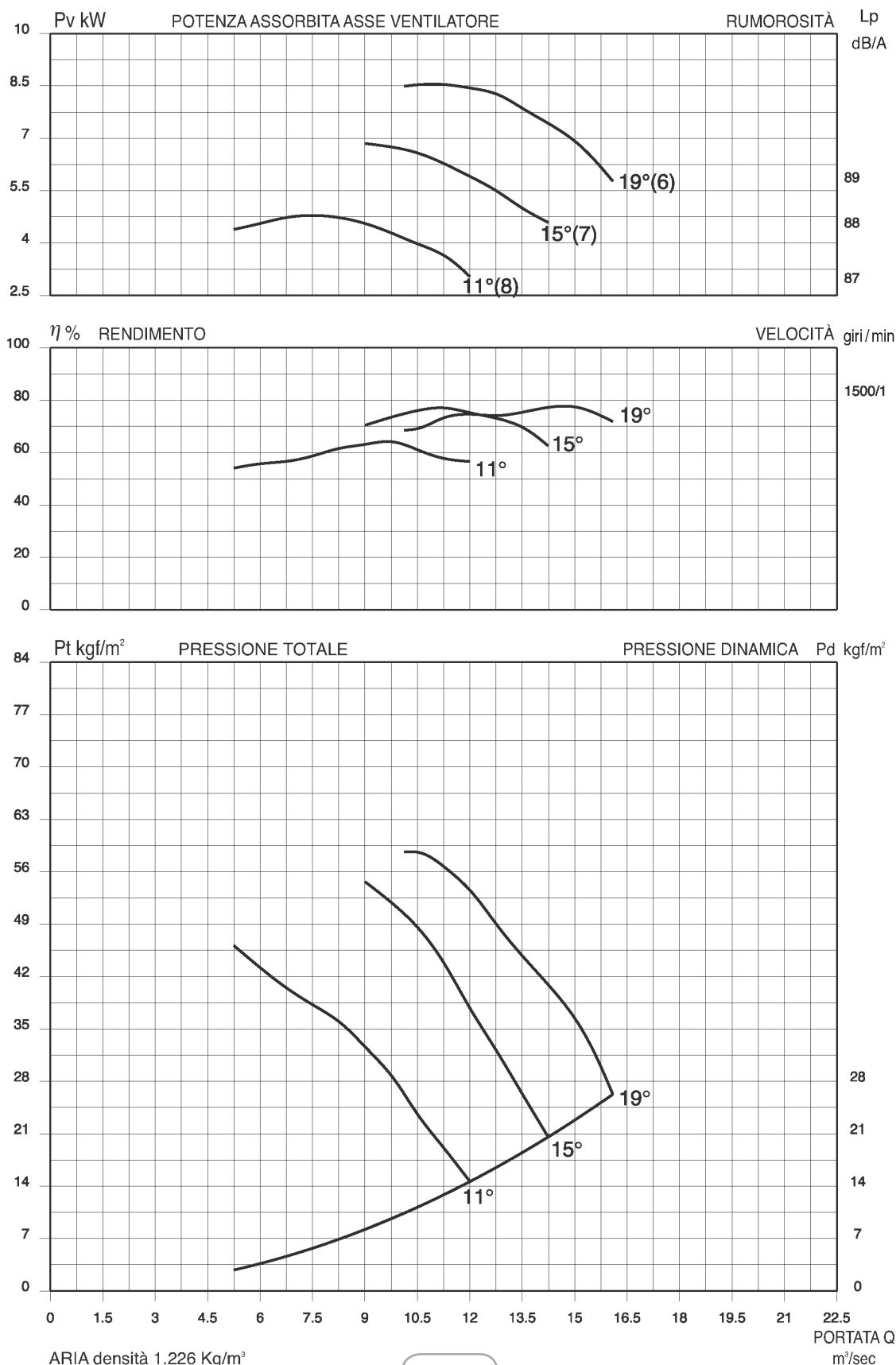
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 900 mm



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

POTENZA INSTALLATA 5.5-7.5-9 KW

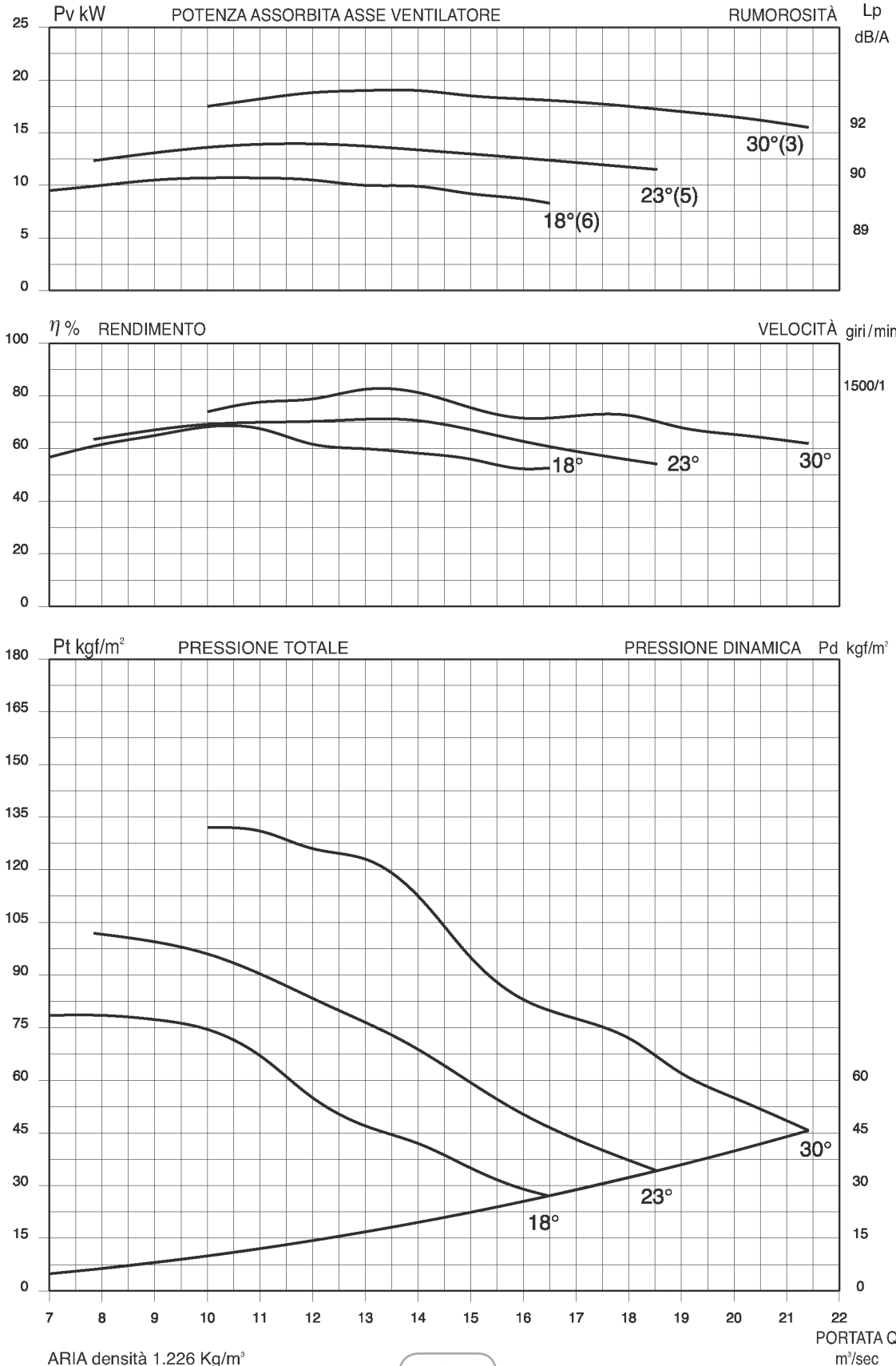
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1000 mm



ELVE EF 1006-1005-1003/H 4A/A
 POTENZA INSTALLATA 11-15-18.5 KW

ELVE ES 1006-1005-1003/H 4A/A
 POTENZA INSTALLATA 11-15-18.5 KW

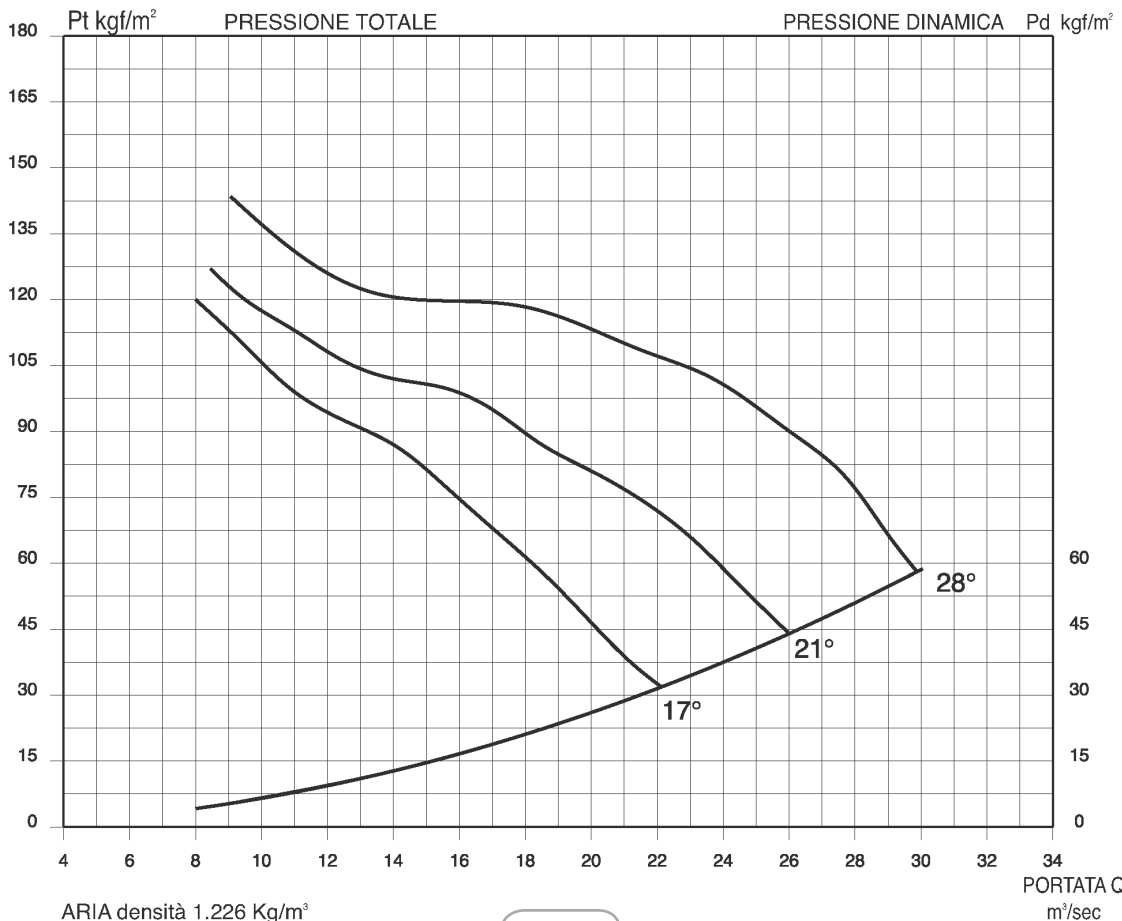
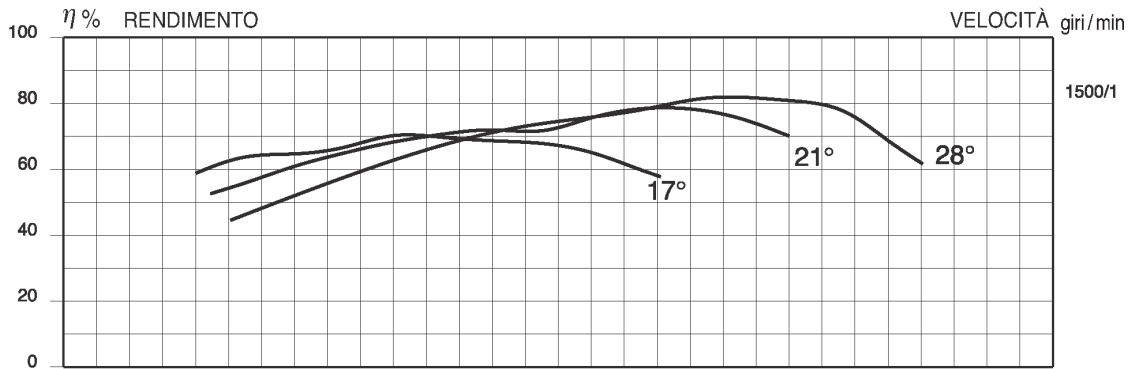
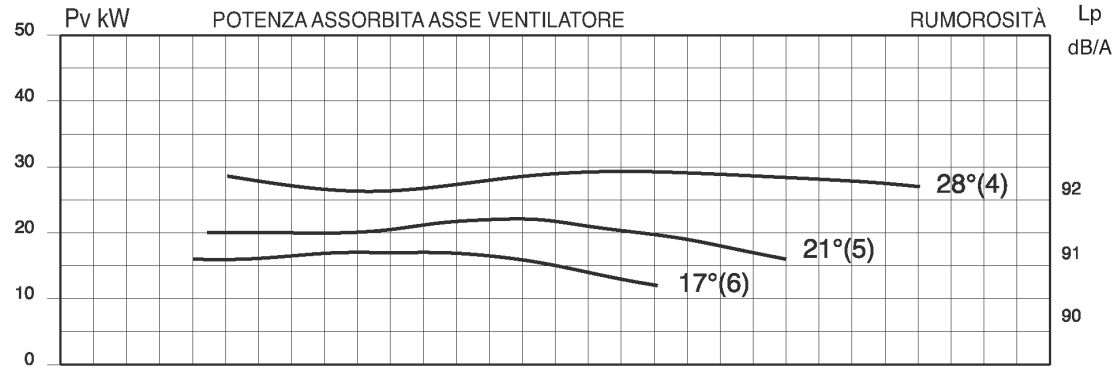
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1000 mm



ELVE EF 1126-1125-1124/G 4A/A
 POTENZA INSTALLATA 18.5-22-30 KW

ELVE ES 1126-1125-1124/G 4A/A
 POTENZA INSTALLATA 18.5-22-30 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1120 mm



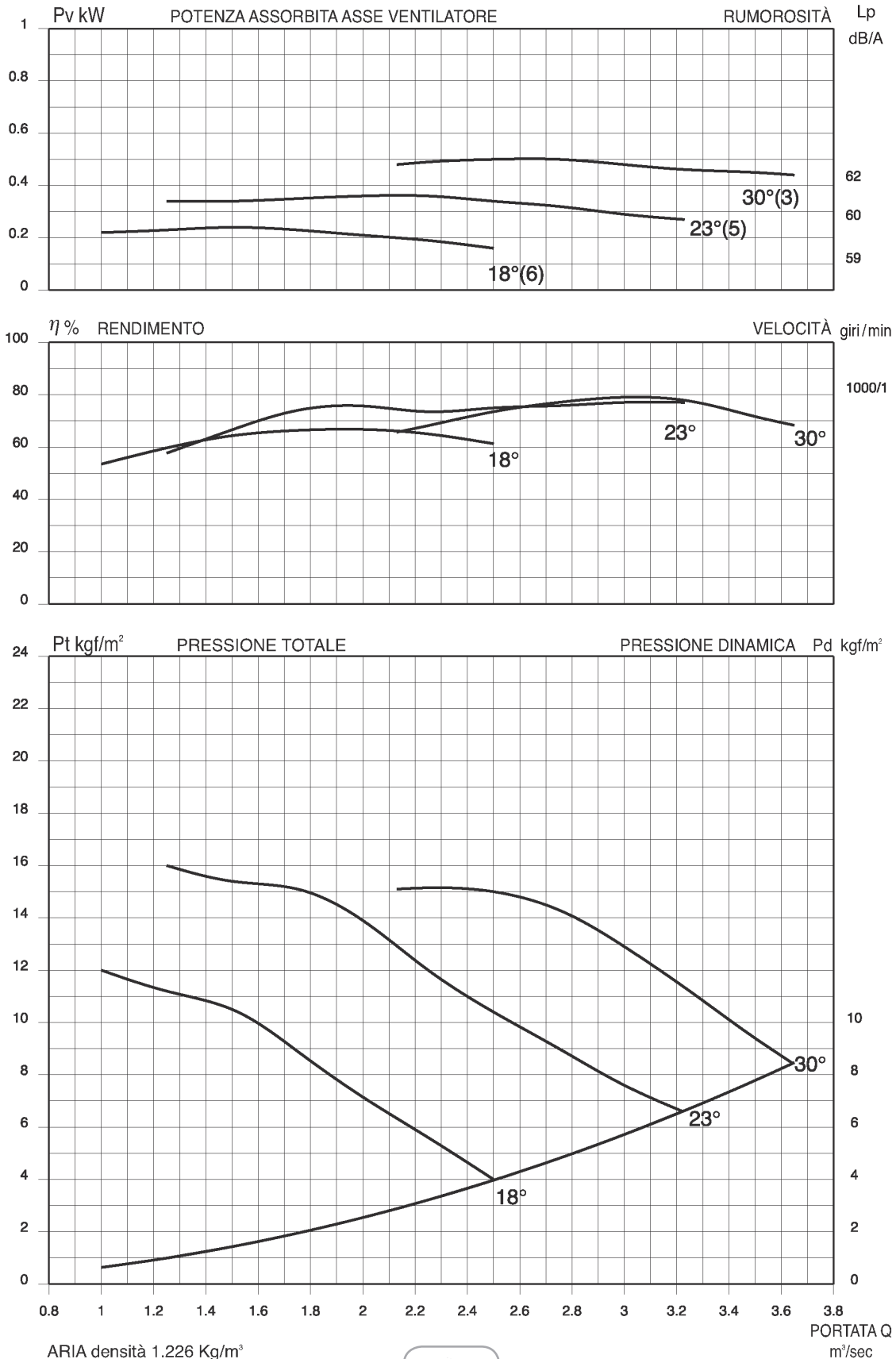
ARIA densità 1.226 Kg/m³



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



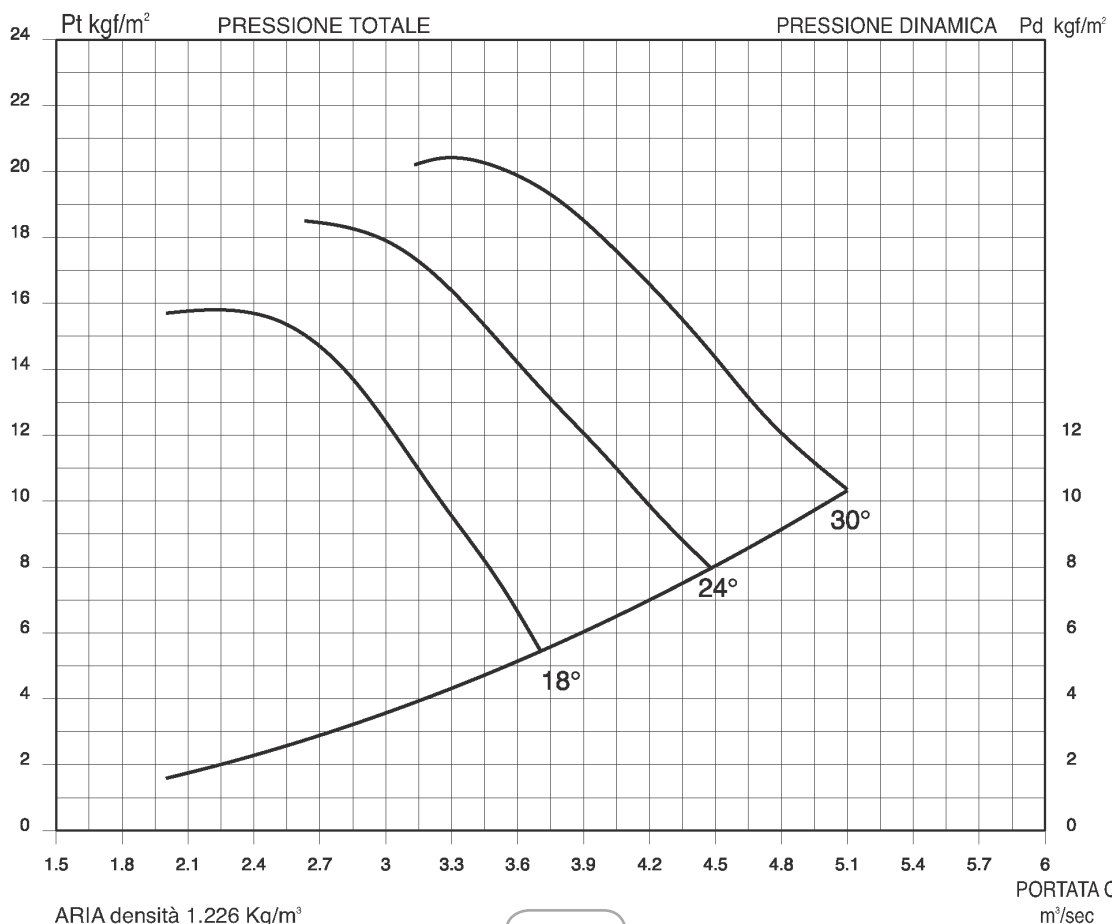
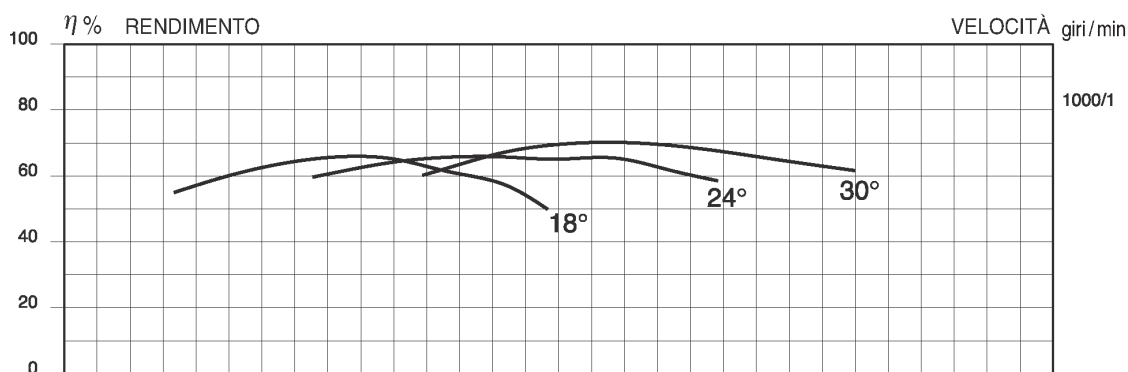
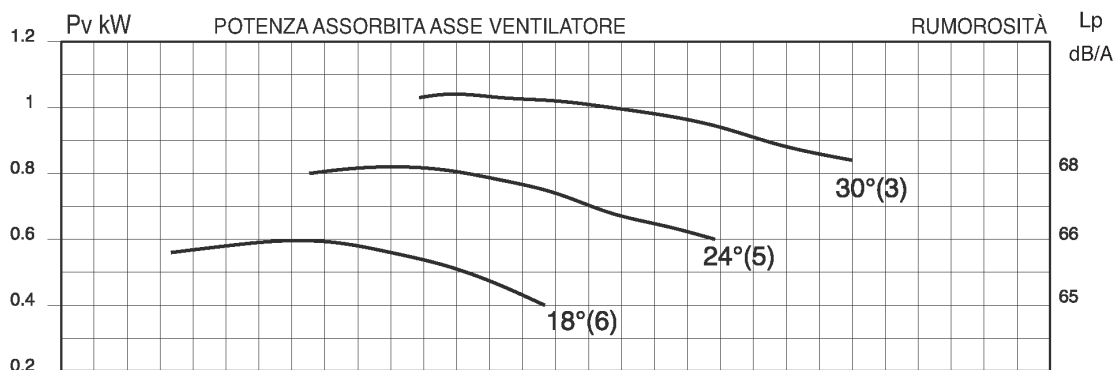
ELVE EF 716-715-713/H 4A/A

POTENZA INSTALLATA 0.75-1.1-1.5 KW

ELVE ES 716-715-713/H 4A/A

POTENZA INSTALLATA 0.75-1.1-1.5 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 710 mm



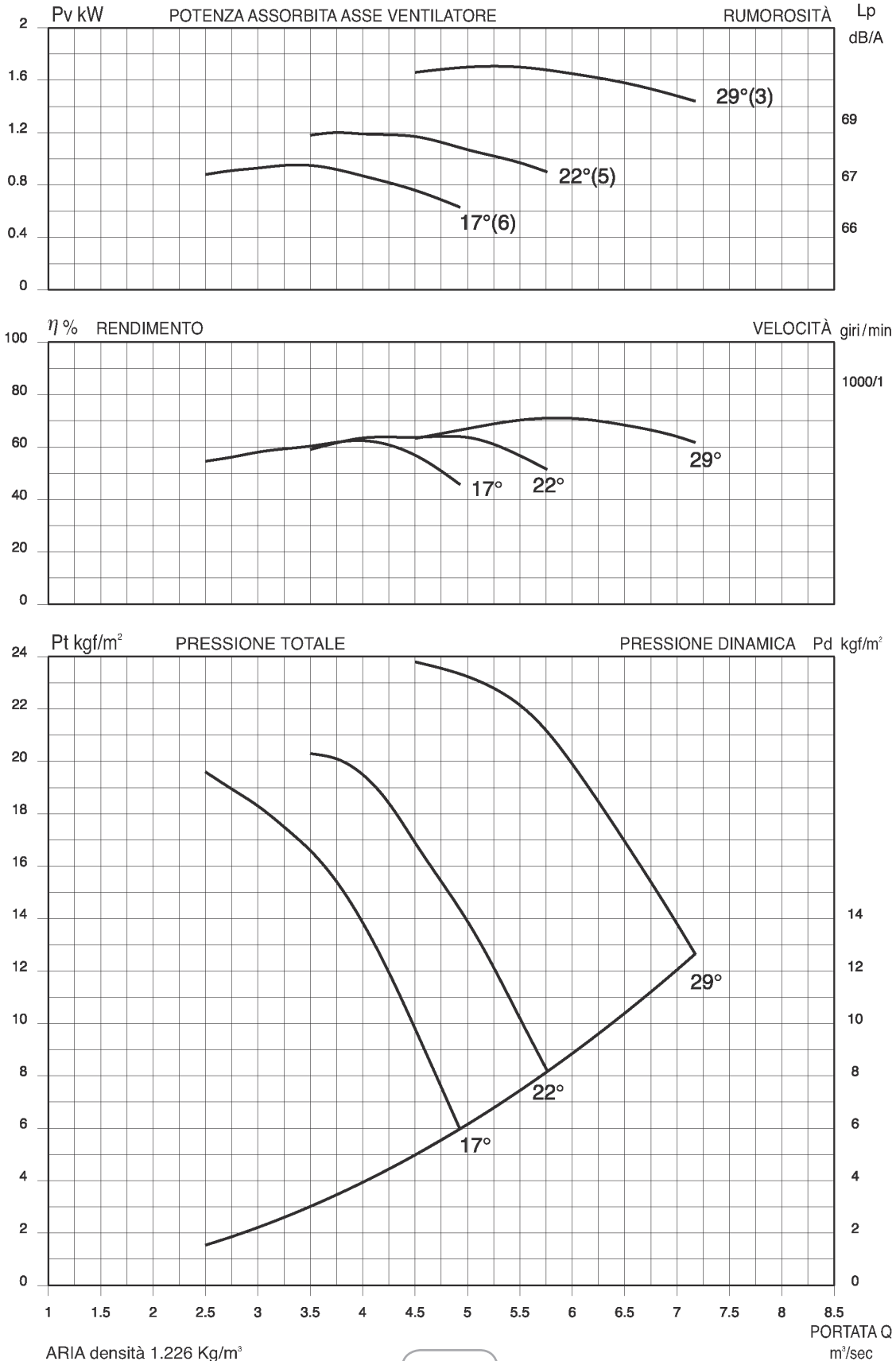
ARIA densità 1.226 Kg/m³



ELVE EF 806-805-803/G 4A/A
 POTENZA INSTALLATA 1.1-1.5-2.2 KW

ELVE ES 806-805-803/G 4A/A
 POTENZA INSTALLATA 1.1-1.5-2.2 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 800 mm



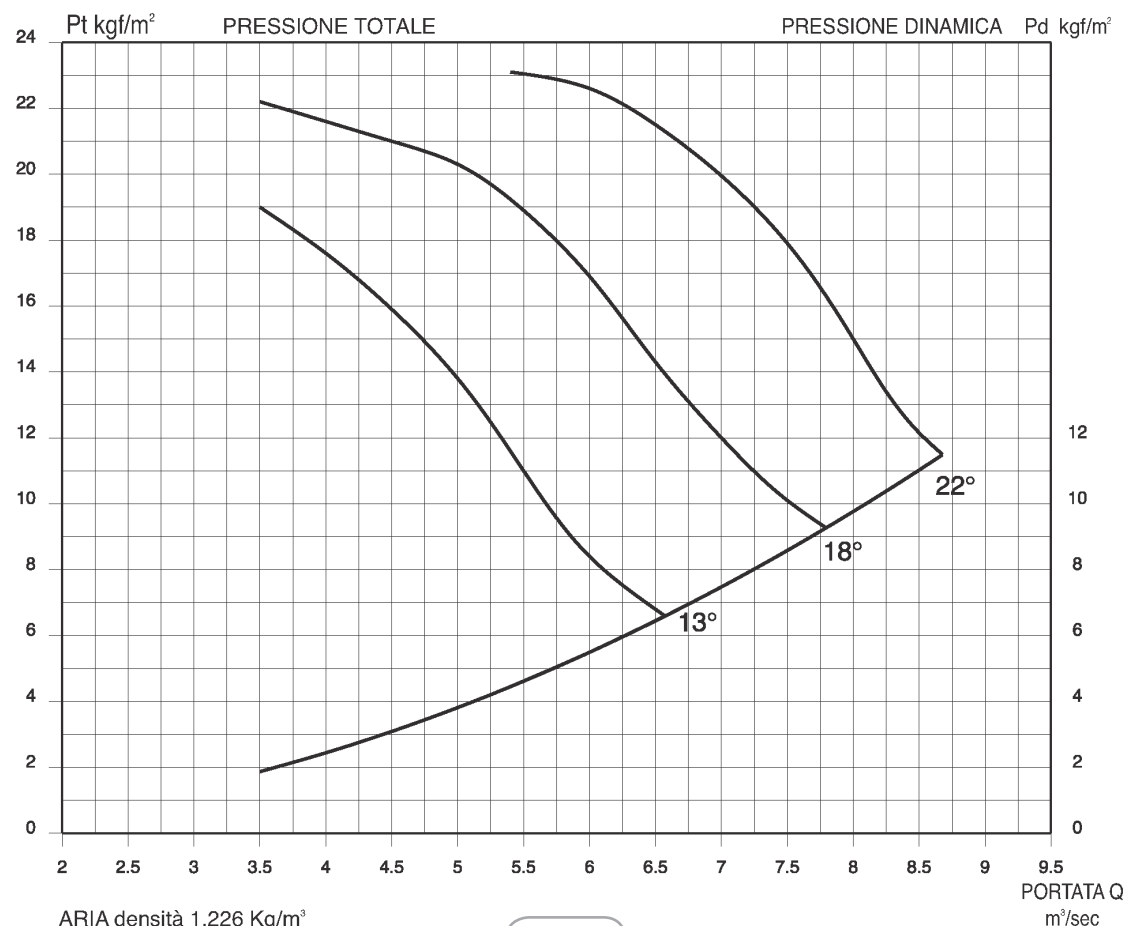
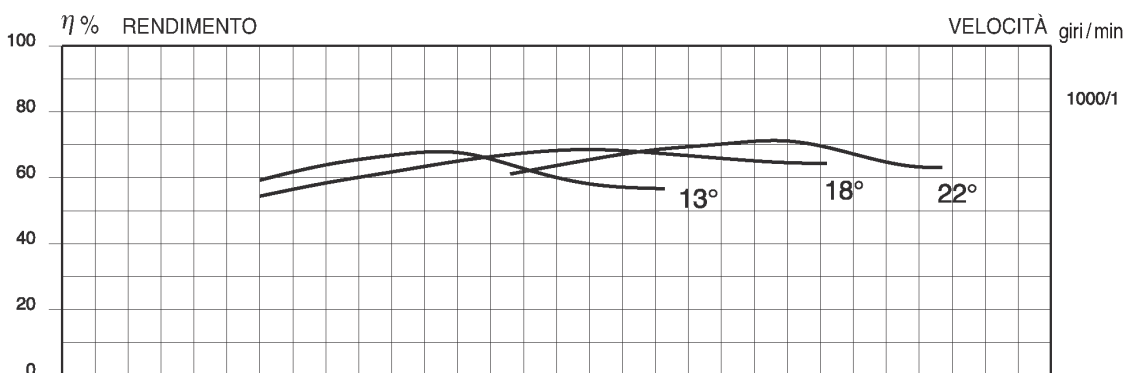
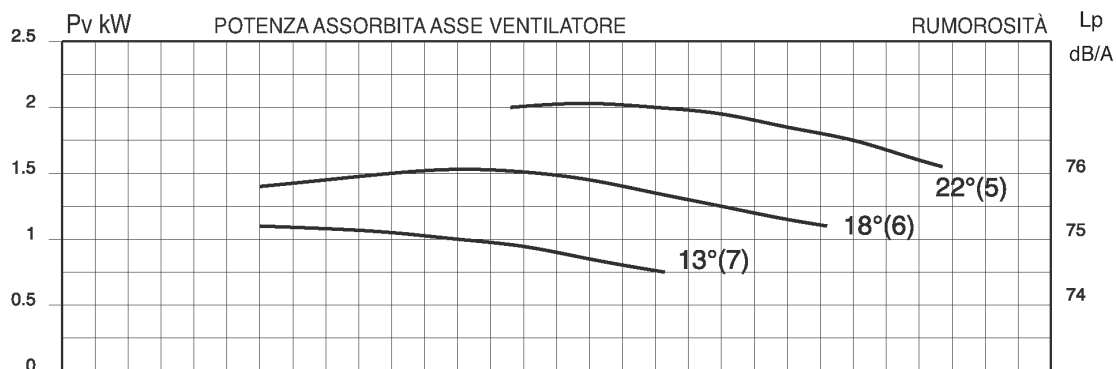
ELVE EF 907-906-905/F 4A/A

POTENZA INSTALLATA 1.1-1.5-2.2 KW

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

POTENZA INSTALLATA 1.1-1.5-2.2 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 900 mm



ARIA densità 1.226 Kg/m³

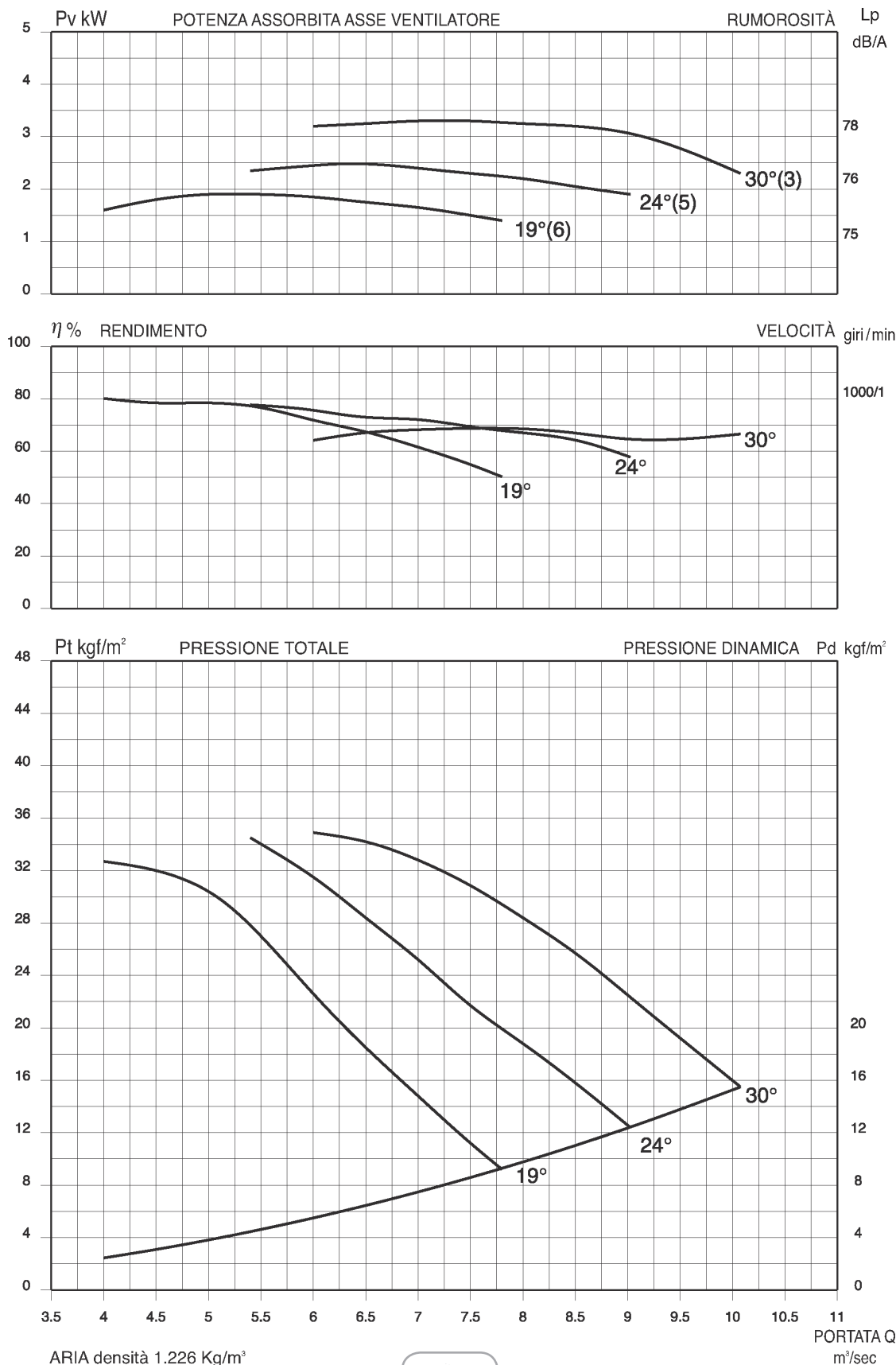
PORTATA Q
m³/sec



ELVE EF 906-905-903/I 4A/A
 POTENZA INSTALLATA 2.2-3-4 KW

ELVE ES 906-905-903/I 4A/A
 POTENZA INSTALLATA 2.2-3-4 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 900 mm



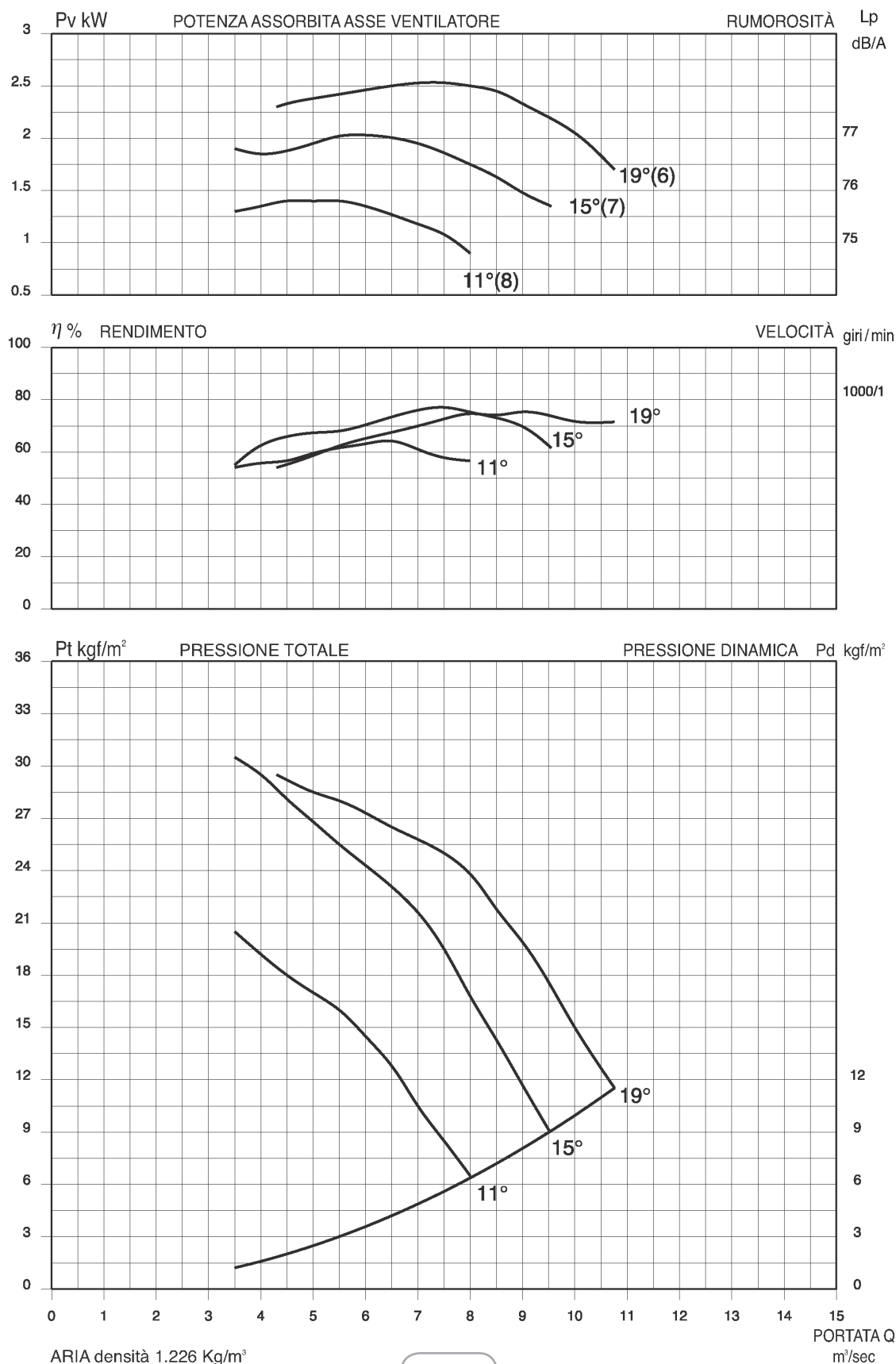
ELVE EF 1008-1007-1006/E 4A/A

POTENZA INSTALLATA 1.5-2.2-3 KW

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

POTENZA INSTALLATA 1.5-2.2-3 KW

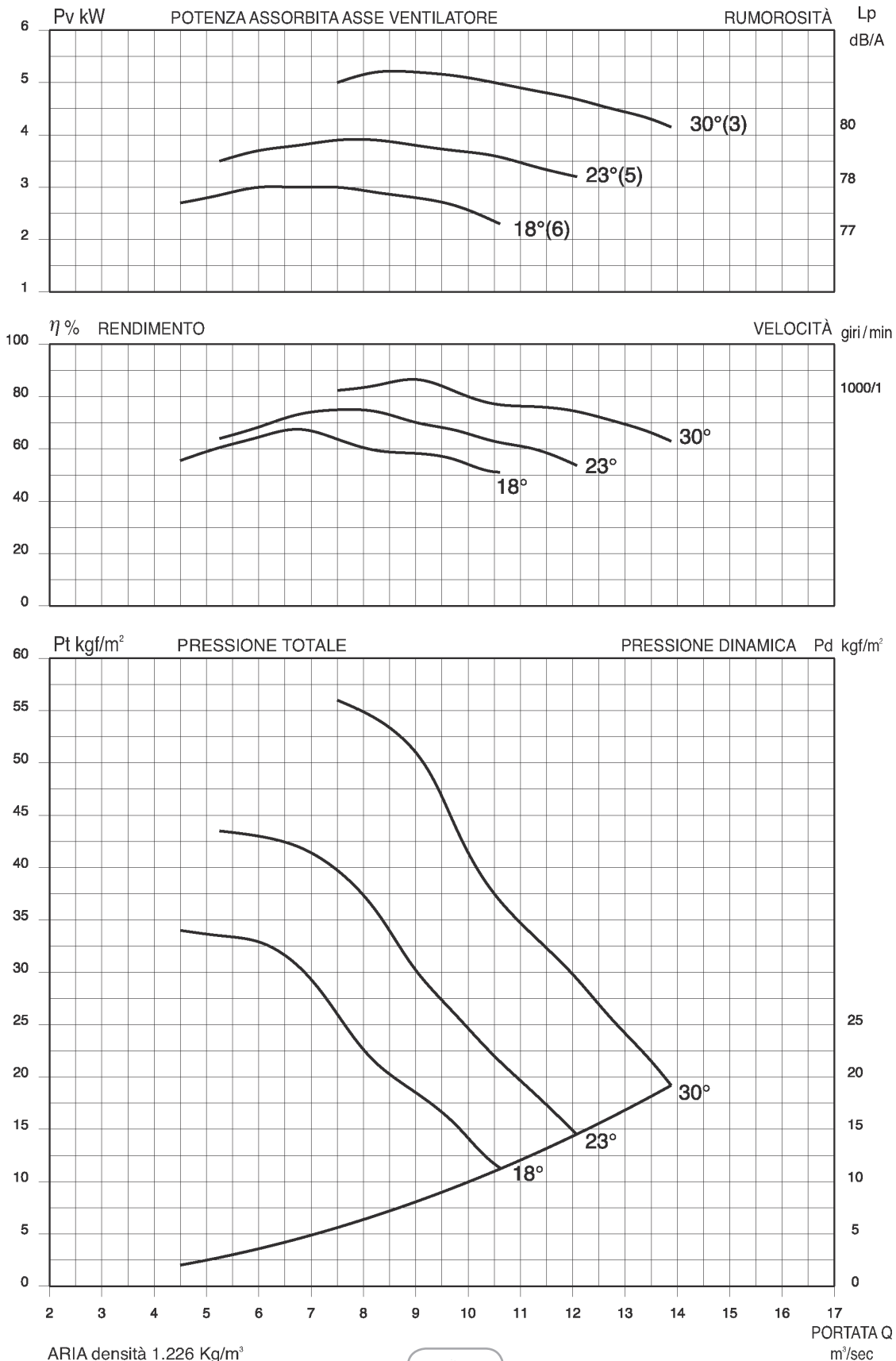
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1000 mm



ELVE EF 1006-1005-1003/H 4A/A
 POTENZA INSTALLATA 3-4-5.5 KW

ELVE ES 1006-1005-1003/H 4A/A
 POTENZA INSTALLATA 3-4-5.5 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1000 mm



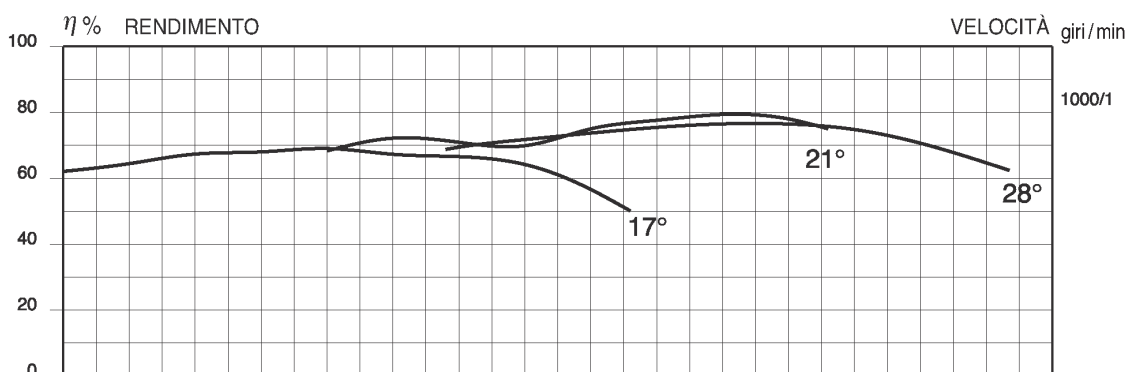
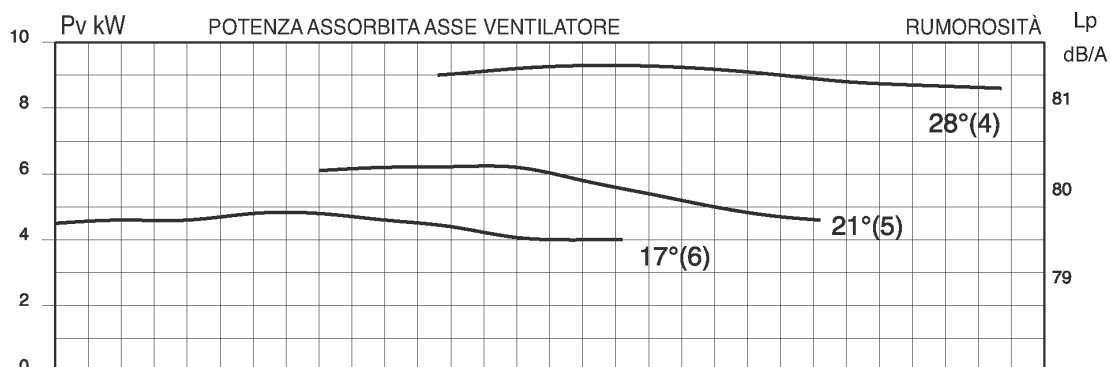
ELVE EF 1126-1125-1124/G 4A/A

POTENZA INSTALLATA 5.5-7.5-11 KW

ELVE ES 1126-1125-1124/G 4A/A

POTENZA INSTALLATA 5.5-7.5-11 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1120 mm



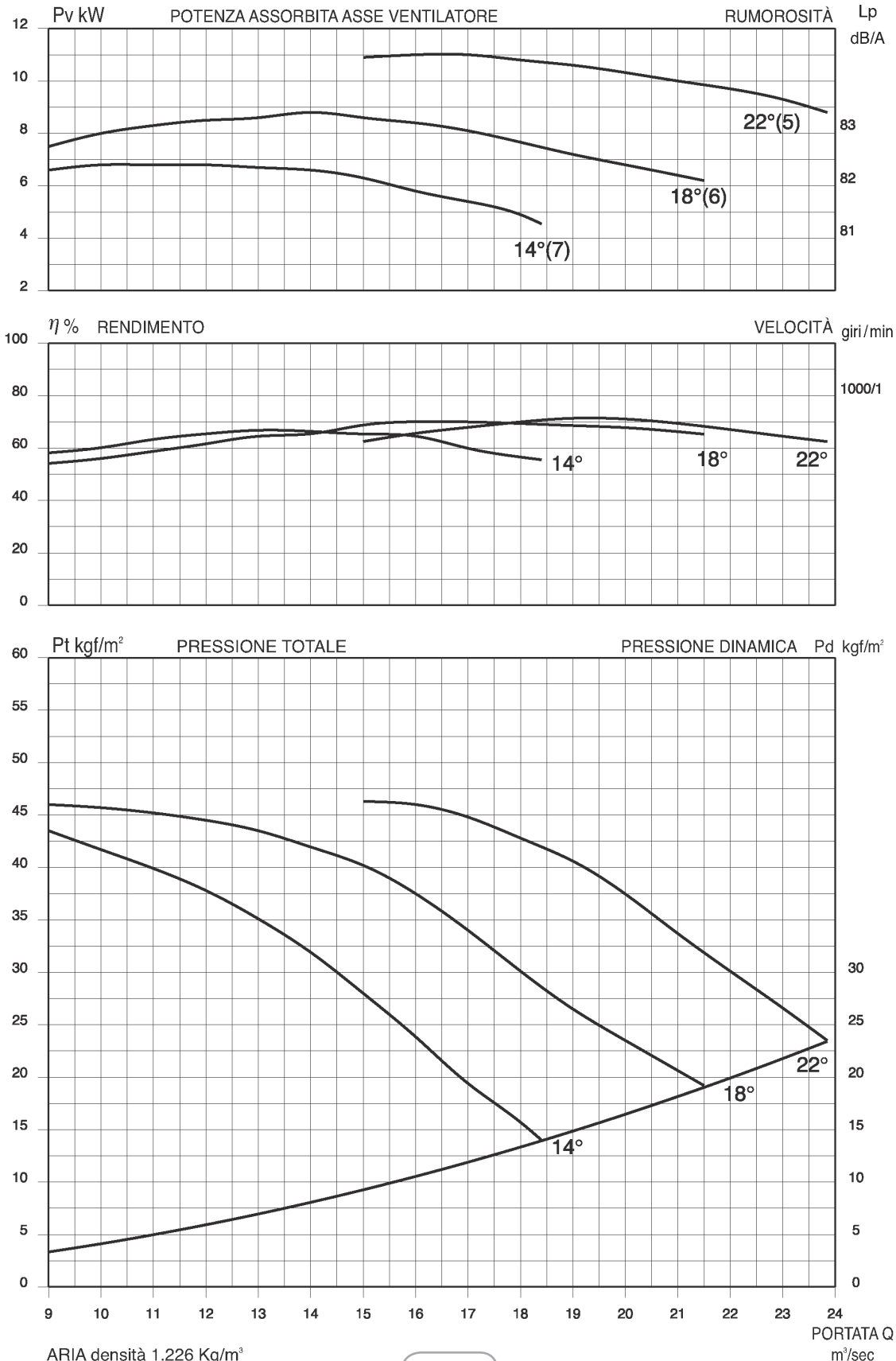
ARIA densità 1.226 Kg/m³



ELVE EF 1257-1256-1255/F 4A/A
 POTENZA INSTALLATA 7.5-11-15 KW

ELVE ES 1257-1256-1255/F 4A/A
 POTENZA INSTALLATA 7.5-11-15 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1250 mm



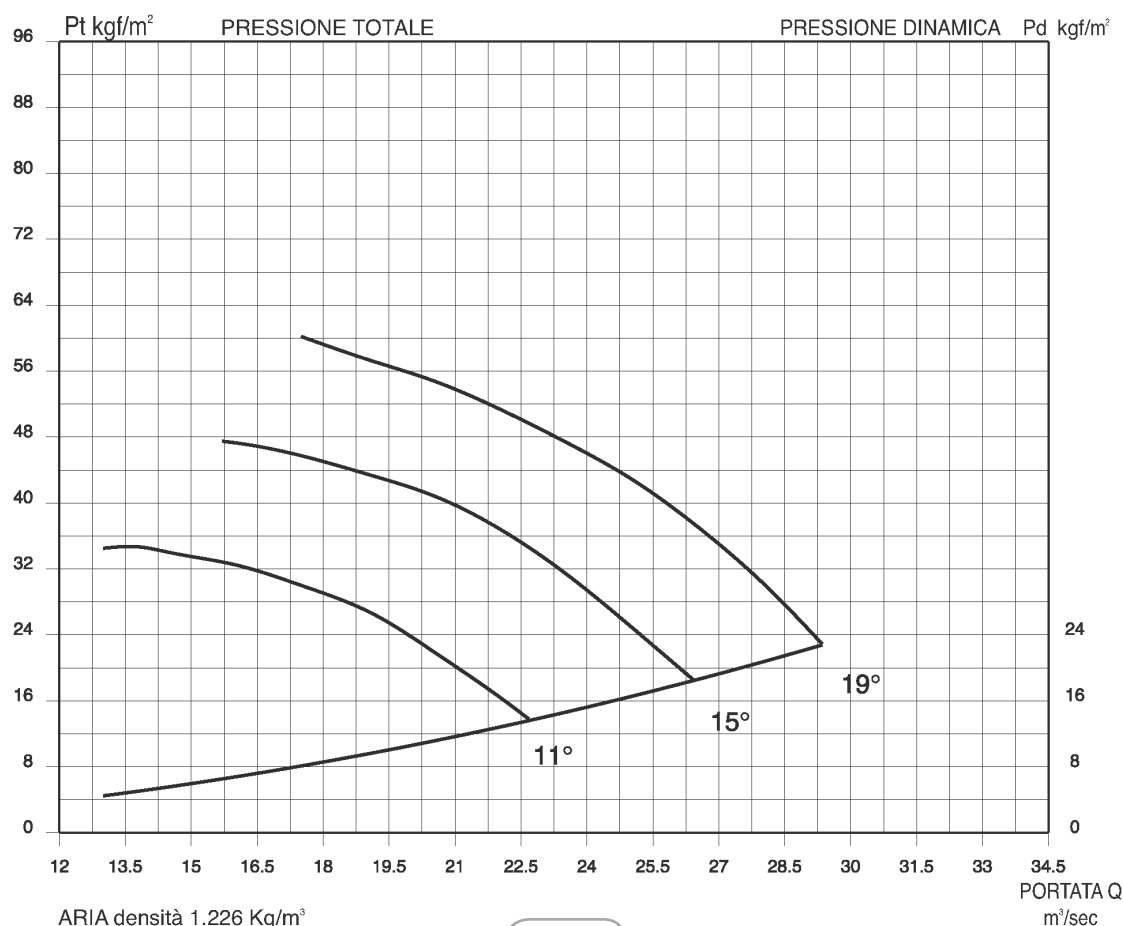
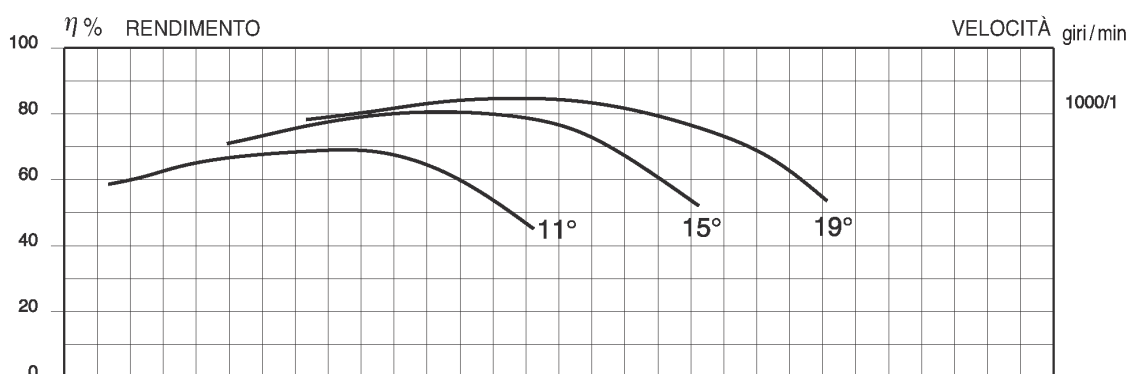
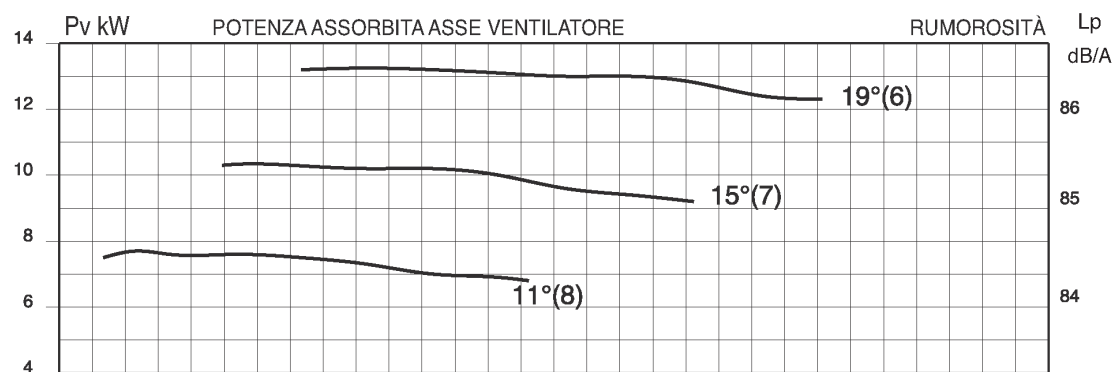
ELVE EF 1408-1407-1406/E 4A/A

POTENZA INSTALLATA 11-11-15 KW

ELVE ES 1408-1407-1406/E 4A/A

POTENZA INSTALLATA 11-11-15 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1400 mm



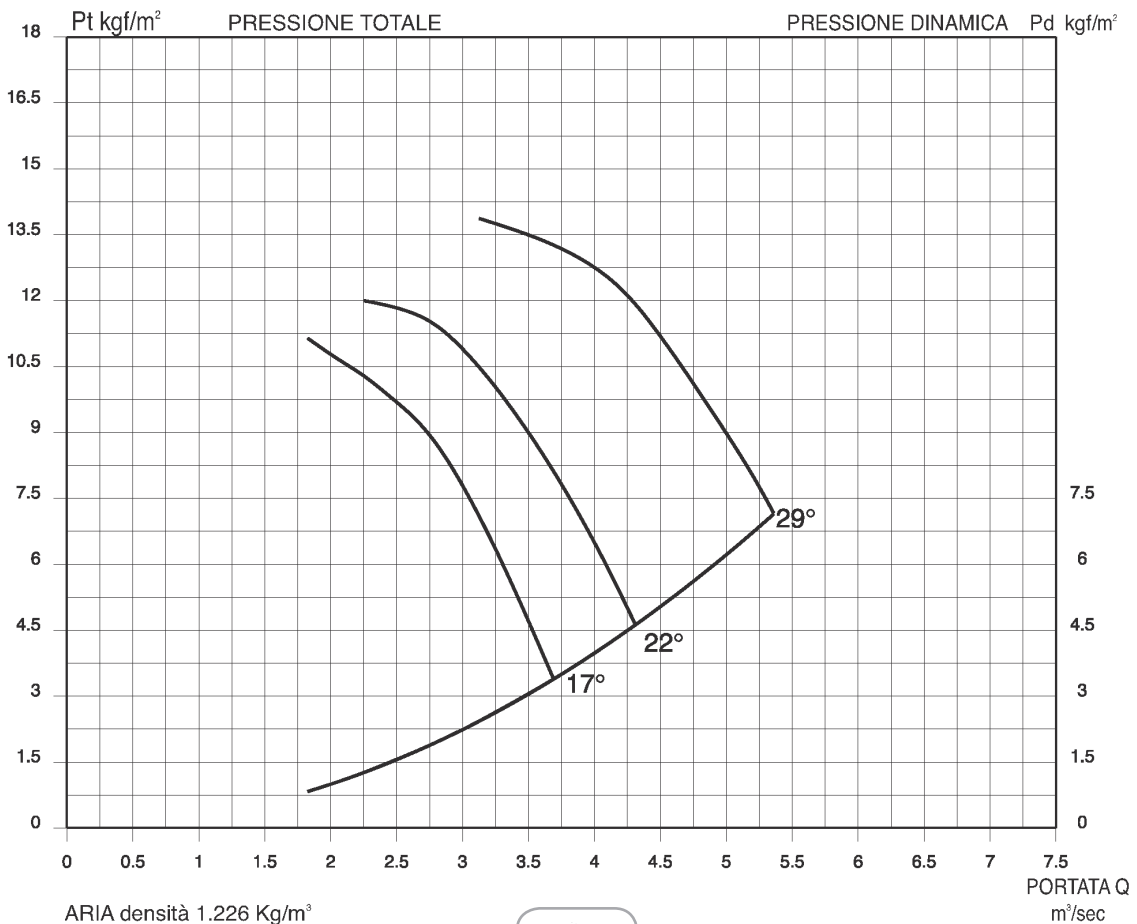
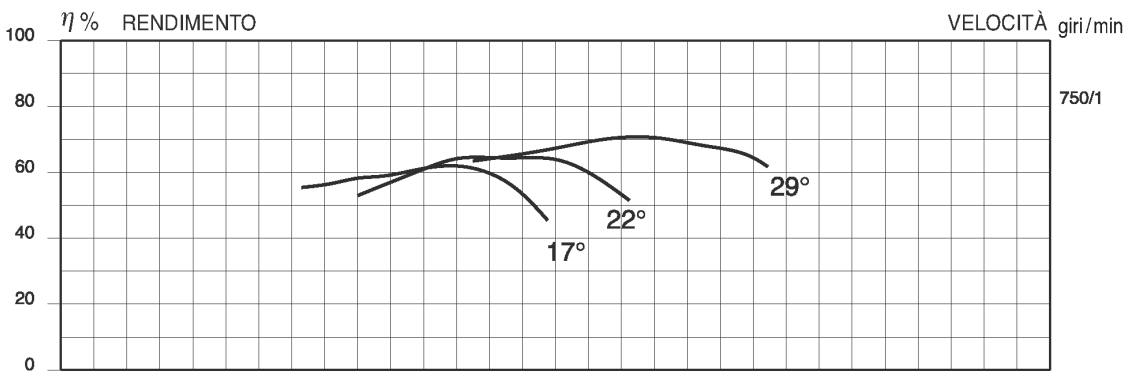
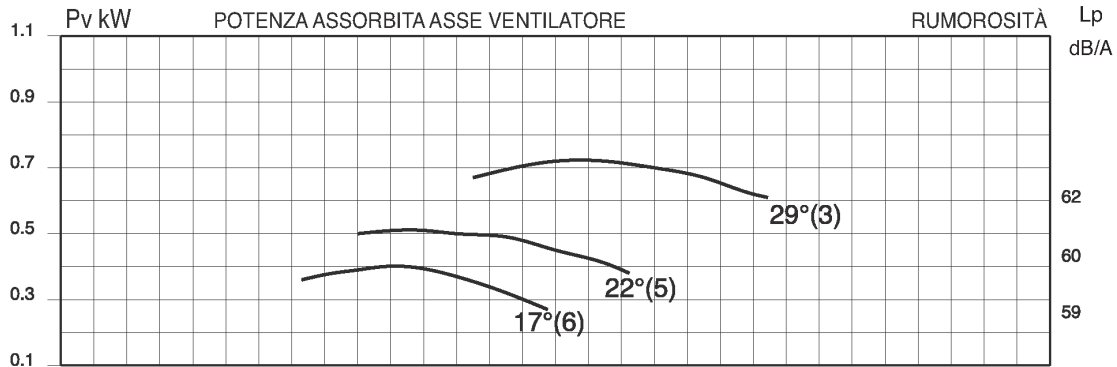
ARIA densità 1.226 Kg/m³



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



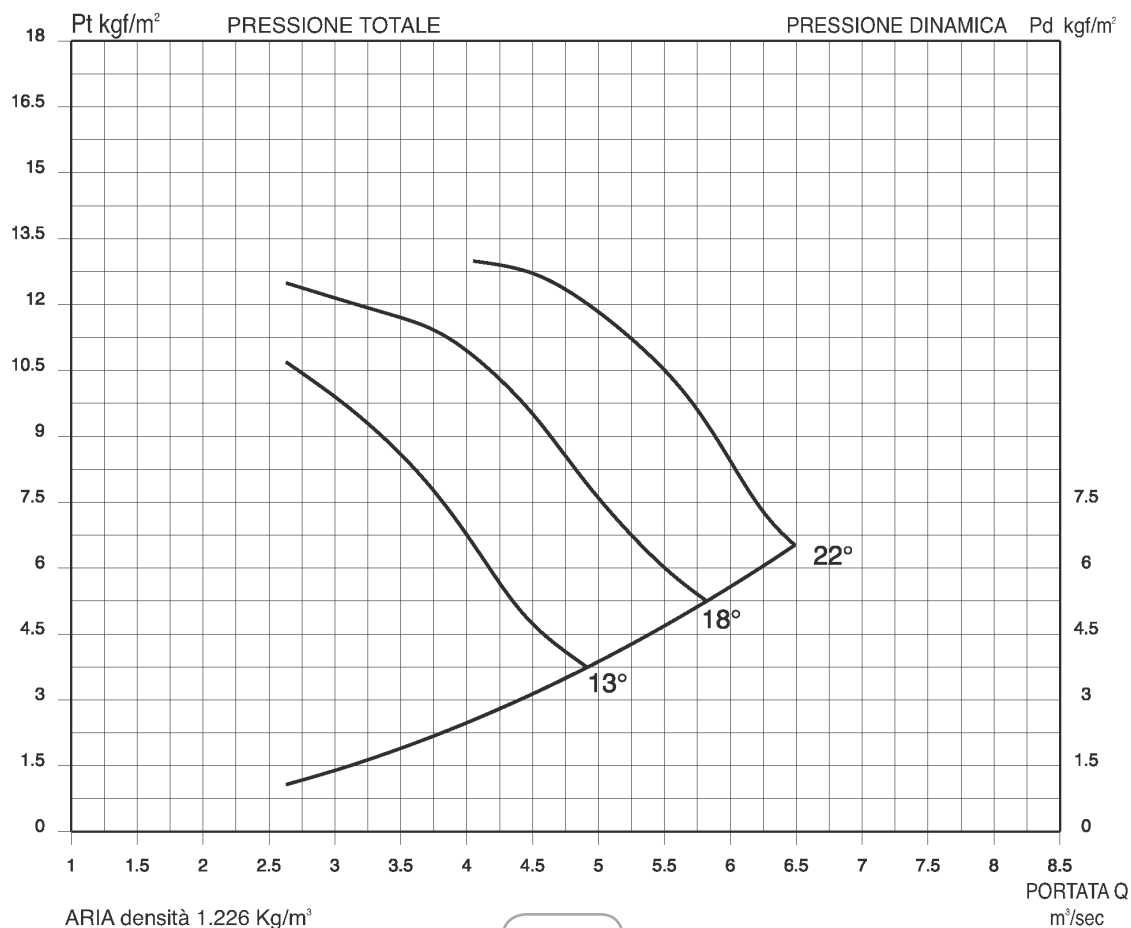
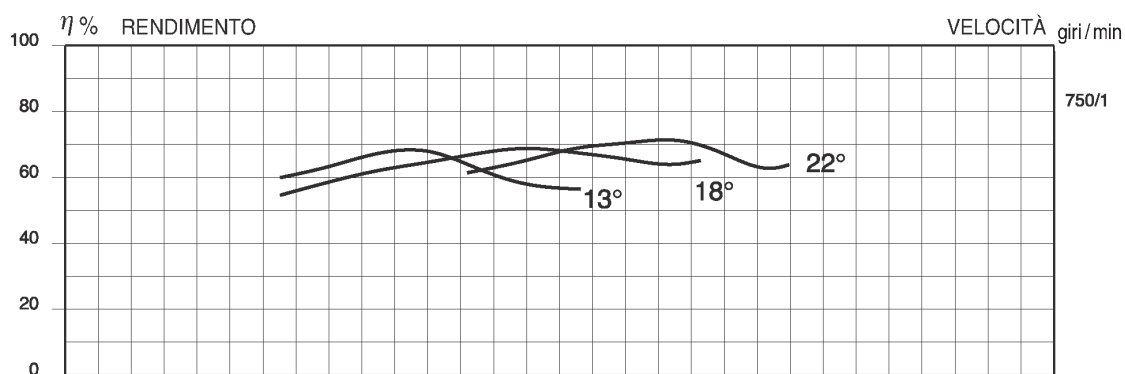
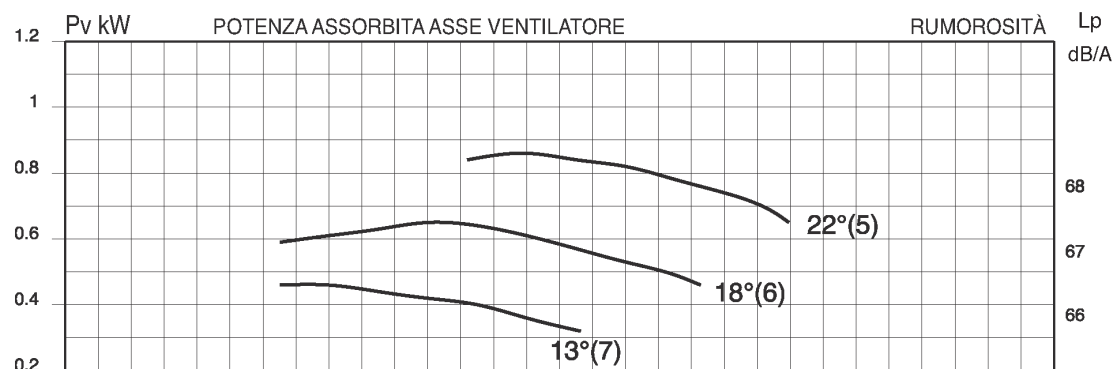
ARIA densità 1.226 Kg/m³



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

POTENZA INSTALLATA 0.55-0.75-1.1 KW

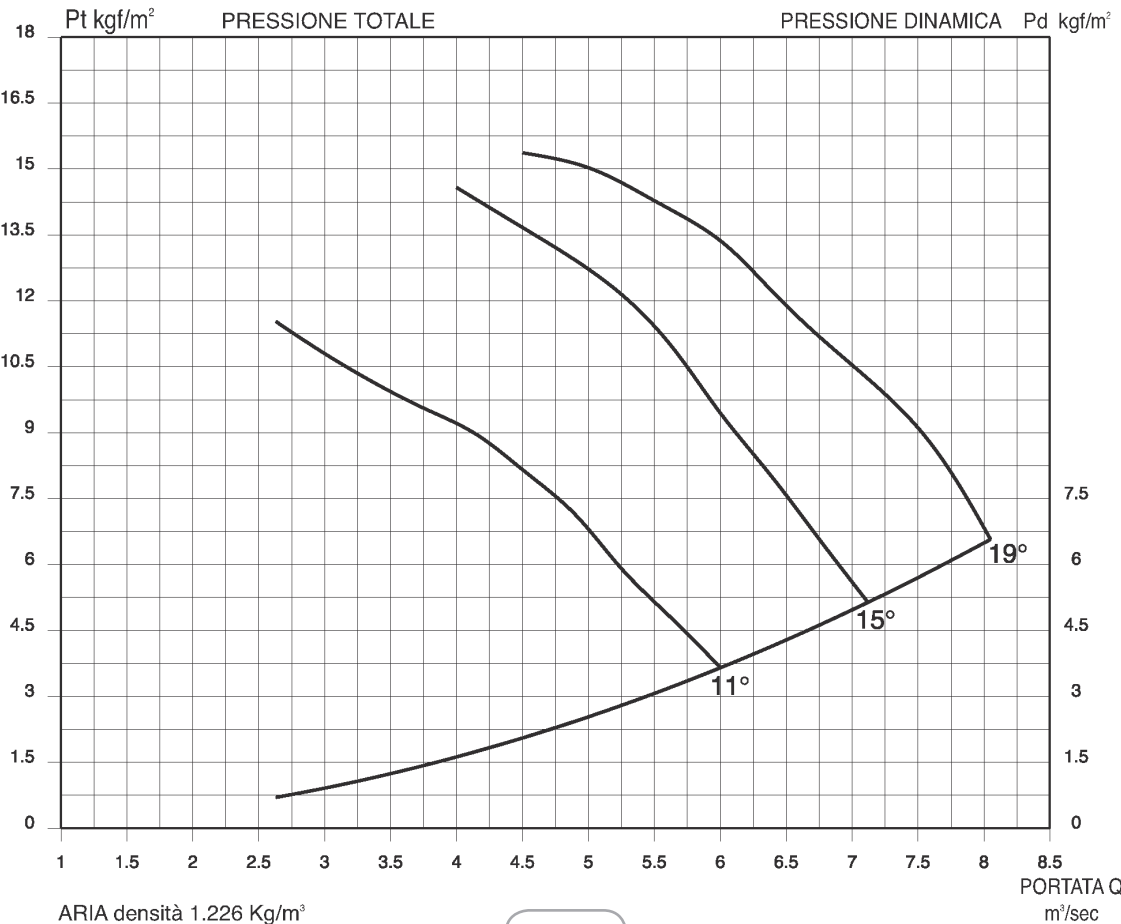
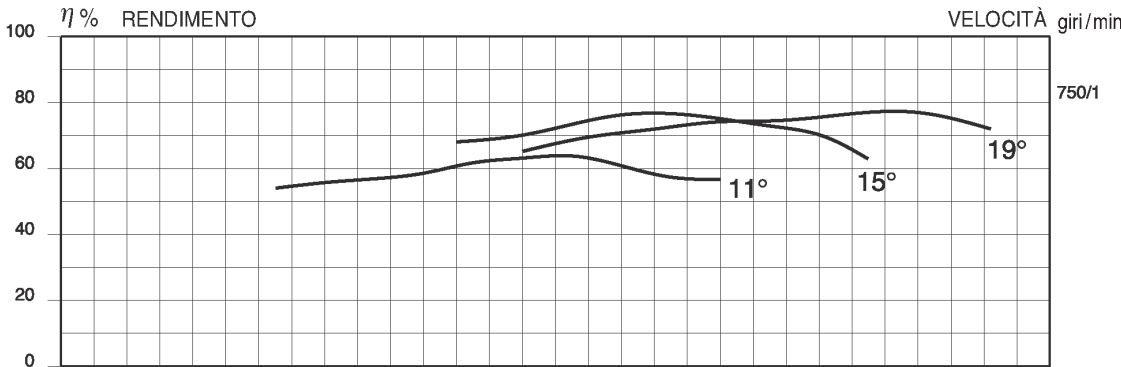
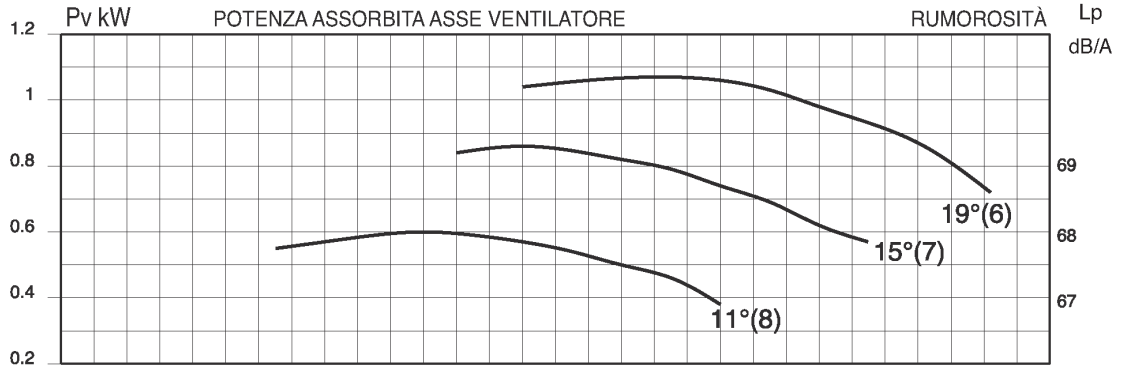
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 900 mm



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



ARIA densità 1.226 Kg/m³



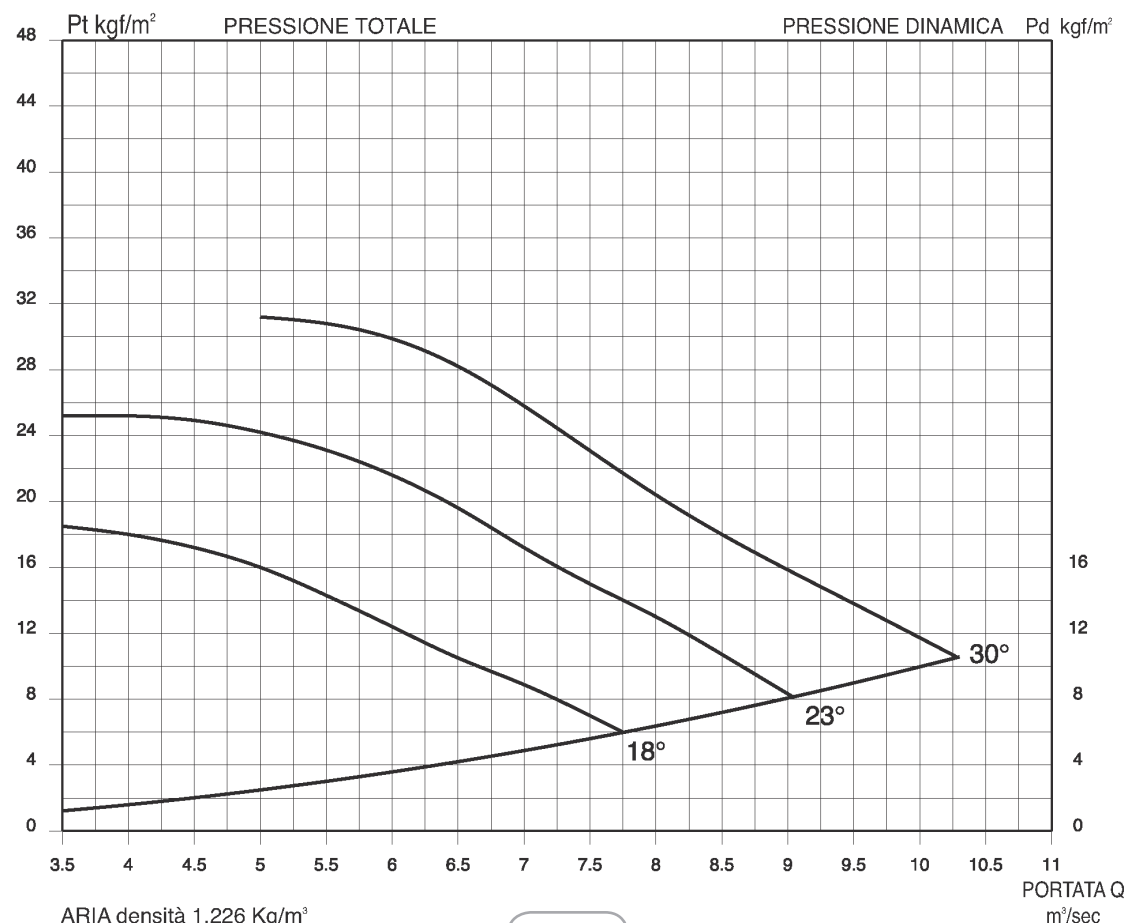
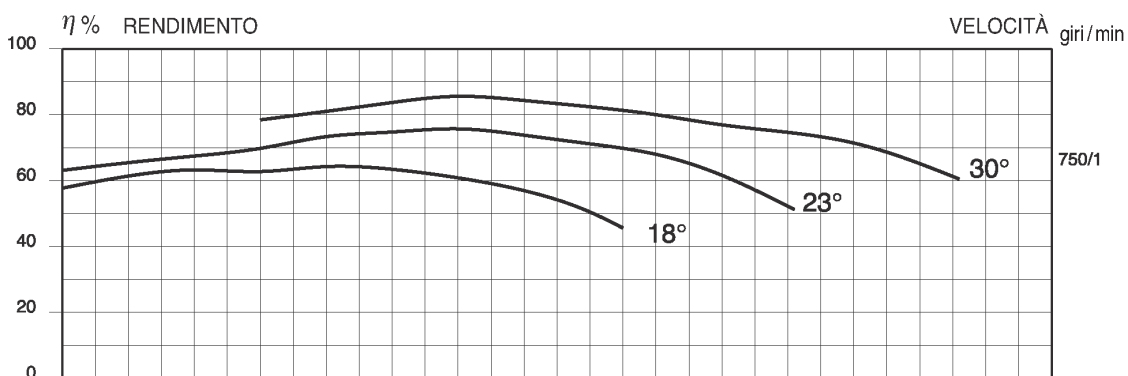
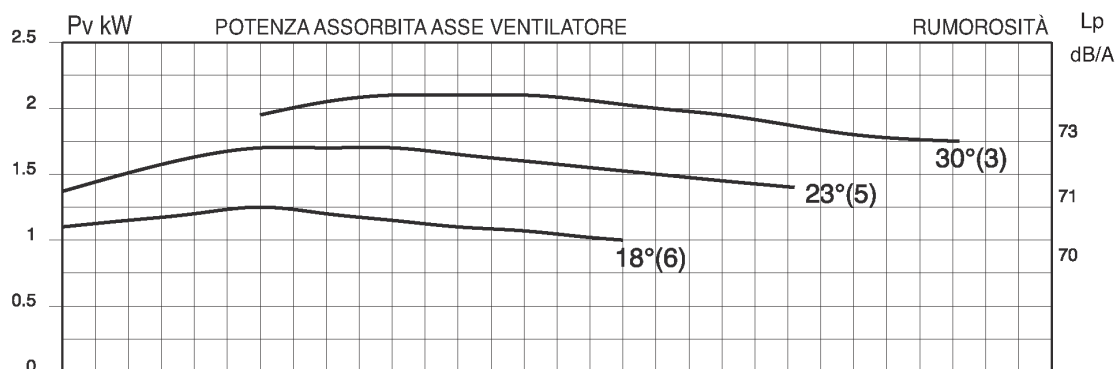
ELVE EF 1006-1005-1003/H 4A/A

POTENZA INSTALLATA 2.2-2.2-3 KW

ELVE ES 1006-1005-1003/H 4A/A

POTENZA INSTALLATA 2.2-2.2-3 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1000 mm



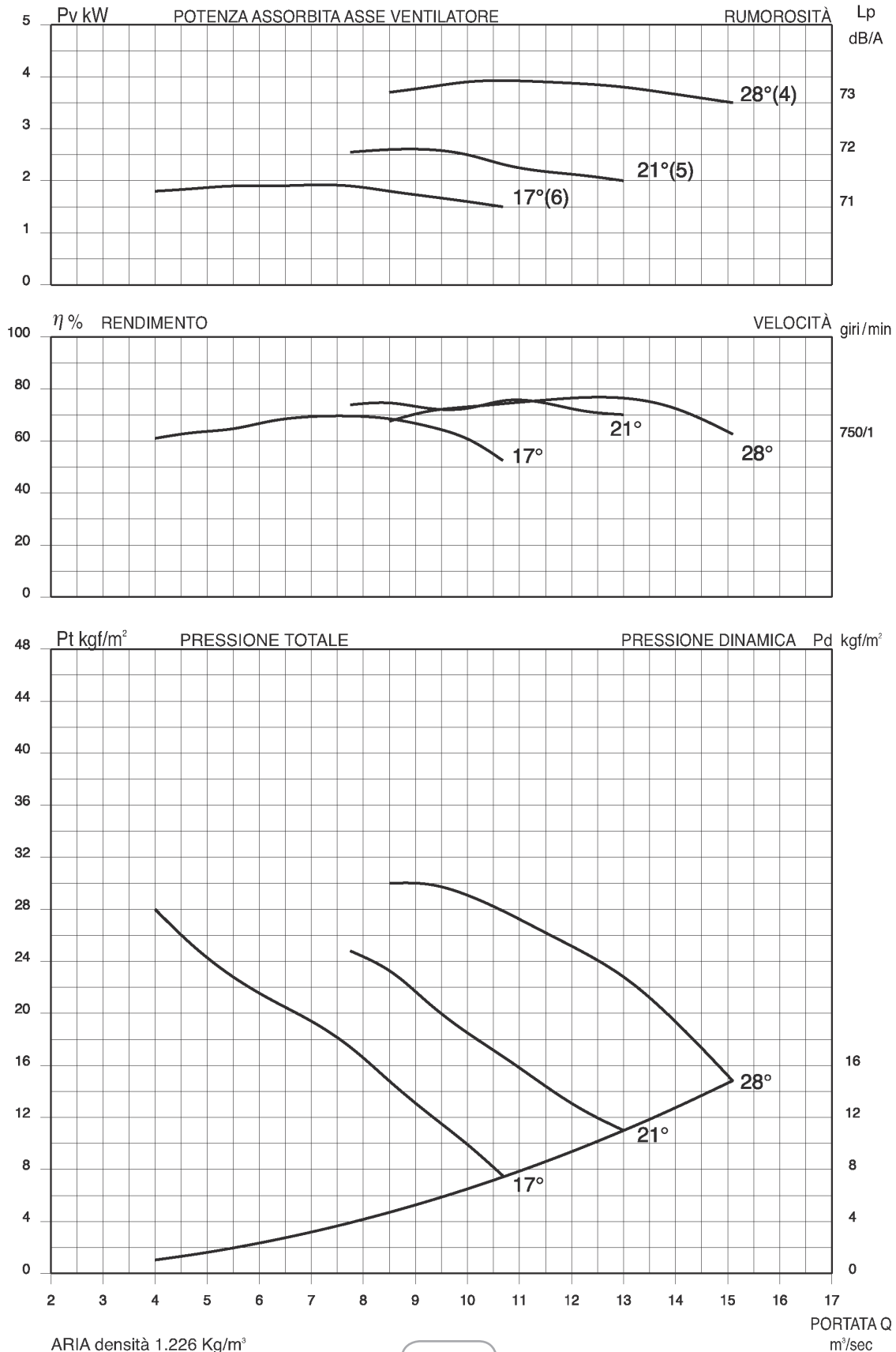
ARIA densità 1.226 Kg/m³



ELVE EF 1126-1125-1124/G 4A/A
 POTENZA INSTALLATA 2.2-3-4 KW

ELVE ES 1126-1125-1124/G 4A/A
 POTENZA INSTALLATA 2.2-3-4 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1120 mm



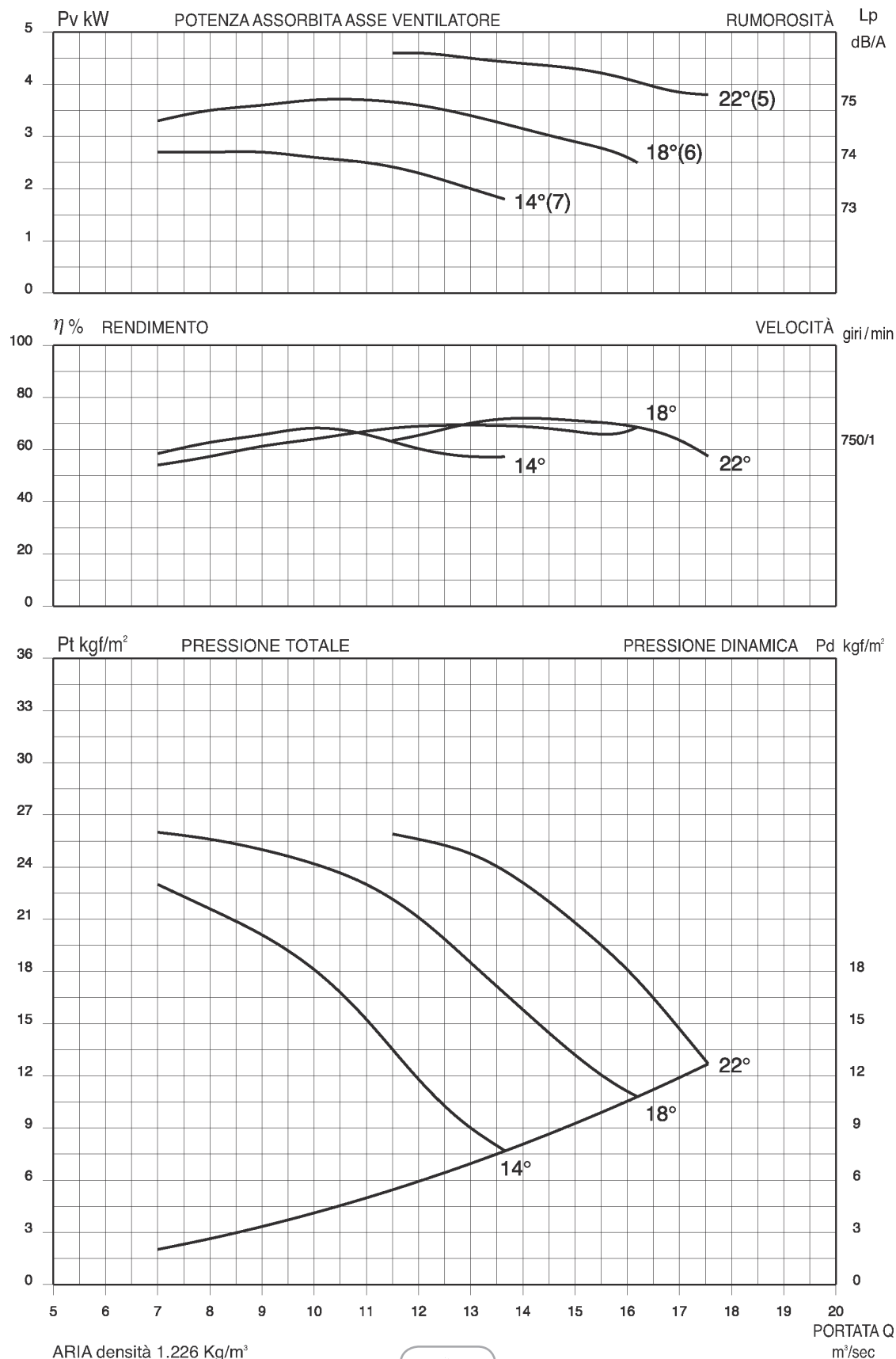
ELVE EF 1257-1256-1255/F 4A/A

POTENZA INSTALLATA 3-4-5.5 KW

ELVE ES 1257-1256-1255/F 4A/A

POTENZA INSTALLATA 3-4-5.5 KW

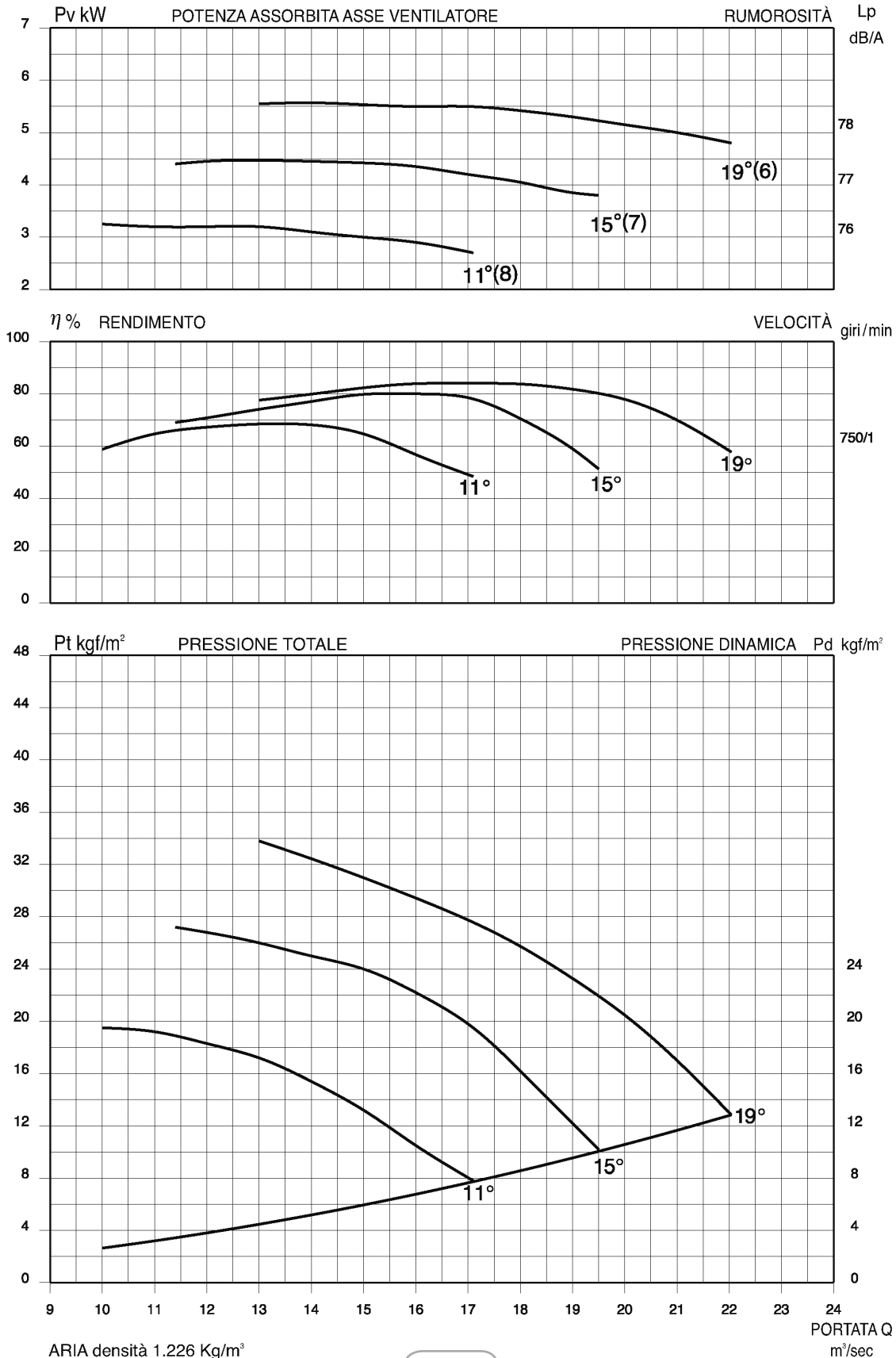
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1250 mm



ELVE EF 1408-1407-1406/E 4A/A
 POTENZA INSTALLATA 4-5.5-7.5 KW

ELVE ES 1408-1407-1406/E 4A/A
 POTENZA INSTALLATA 4-5.5-7.5 KW

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1400 mm



Impiego, dimensioni di ingombro e caratteristiche EF/9A
Use, overall dimensions and specifications EF/9A**TRASMISSIONE A CINGHIA****BELT DRIVE****ENTRAÎNEMENT PAR POULIES COURROIES****RIEMENANTRIEB****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) in grandi portate a basse e medie pressioni. Trovano il loro utilizzo nelle fonderie, cementerie, falegnamerie, industrie chimiche, siderurgiche, ecc.

TEMPERATURA D'ESERCIZIO

- 20°C + 60°C.

DESCRIZIONE COSTRUTTIVA

Accoppiamento a trasmissione. La cassa convogliatrice è costruita in robusta lamiera di acciaio Fe 360 B con doppia flangia a norme DIN 24154 e portello d'ispezione. La cassa inoltre è munita di base per il sostegno del supporto monoblocco e di carter interno per la protezione di cinghie e pulegge, mentre il motore viene piazzato all'esterno della cassa su una base tendicinghie. 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 con successiva cottura in forno (+ 180°C). Per le grandezze ≥ 1000 i ventilatori sono zincati a caldo di serie.

MOTORE

Il motore è trifase, 230/400V, 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 supporto alla girante (flusso "A"). Su richiesta è previsto anche il flusso opposto (flusso "B").

CARATTERISTICHE

Le caratteristiche riportate nei diagrammi sono valide per l'esecuzione senza carter; con il carter subiscono delle variazioni in percentuale come segue: CARATTERISTICHE - 10%; ASSORBIMENTO - 10%; RUMOROSITÀ + 1+2 dB/A.

USE

These fans are particularly suitable for the removal of air and noxious gases, and for all those applications where large volumes of air have to be moved at low and medium pressures. They are installed in foundries, woodworks, and in chemical industries.

WORKING TEMPERATURE

- 20°C + 60°C.

CONSTRUCTION

Axial-flow fan, belt drive. The impeller is made of die-cast aluminium and has adjustable blades. The casing is made of welded sheet steel and has a double flange. For the size ≥ 1000 the fans are standard hot galvanized.

MOTOR

The motor is three-phase, 230/400 V, 50 Hz, B3 (other frequencies, tensions on demand).

DIRECTION OF THE AIR

Normally supplied with the air flowing from the support to the impeller (A), on demand the fans can be supplied with the direction from the impeller to the motor (B).

SPECIFICATIONS

The characteristics quoted in the tables are valid for the construction without belt protection; as to construction with belt protection, the characteristics change as follows: CHARACTERISTICS - 10%; ABSORPTION - 10%; NOISE LEVEL + 1+2 dB/A.

Utilisation, dimensions d'encombrement et caractéristiques EF/9A
Einsatz, masse und eigenschaften EF/9A**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 un large débouché dans les fonderies, cimenteries, menuiseries, dans l'industrie chimique. En général ils sont utilisés pour le transport de grands volumes d'air avec basse et moyenne pression.

TEMPÉRATURE D'EXERCICE

- 20°C + 60°C.

CONSTRUCTION

Accouplement à courroies, la roue est en aluminium, avec pales profilées, enveloppe à deux brides selon DIN 24154. La roue est soigneusement équilibrée dynamiquement, à haut rendement et avec un niveau sonore réduit. Les pales profilées peuvent être orientées lorsque l'installation est arrêtée. Toutes les pièces en acier sont peintes par électrophorèse. Pour les diamètres ≥ 1000 les ventilateurs sont galvanisés à chaud en standard.

MOTEUR

Le moteur est triphasé, 230/400 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 palier à la roue (flux "A"). Sur demande l'on peut fournir le sens inverse (flux "B").

CARACTERISTIQUES

Les caractéristiques mentionnées dans les tableaux se réfèrent à la construction sans carter. Pour la construction avec carter les valeurs changent de la manière suivante: CARACTERISTIQUES - 10%; ABSORPTION - 10%; NIVEAU SONORE 1+2 dB/A.

ANWENDUNG

Zur Belüftung und Absaugung überall dort wo große Luftmengen bei niedrigen und mittleren Drücken bewegt werden. Anwendung z.B. in Gießereien, Zementfabriken, Schreinereien und in der chemischen Industrie.

BETRIEBSTEMPERATUR

253 K bis 333 K (-20°C - +60°C).

BAUFORM

Ausführung mit Riemenantrieb, Rohrmodell - Gehäuse aus Stahl mit druck- und saugseitigem Flansch nach DIN 24154 sowie Wartungsklappe. Laufrad aus ex-geschütztem Aluminiumdruckguß mit im Stillstand verstellbaren Profilschaufeln. Alle Laufräder sind präzise dynamisch ausgewuchtet. Der Motor ist außerhalb des Gehäuses auf einer Riemenspannplatte angebracht. Das Gehäuse ist werksseitig für Befestigung des Blocklagers und des Riemenschutzes vorbereitet. Ausführungen mit Durchmesser < 1000 sind einbrennlackiert - Ausführungen mit Durchmesser ab 1000 werden serienmäßig feuerverzinkt geliefert.

MOTOR

Drei Phasen, 230/400 Volt, 50 Hz, Bauart B3. Andere Spannungen und Frequenzen sowie Sonderausführungen auf Anfrage.

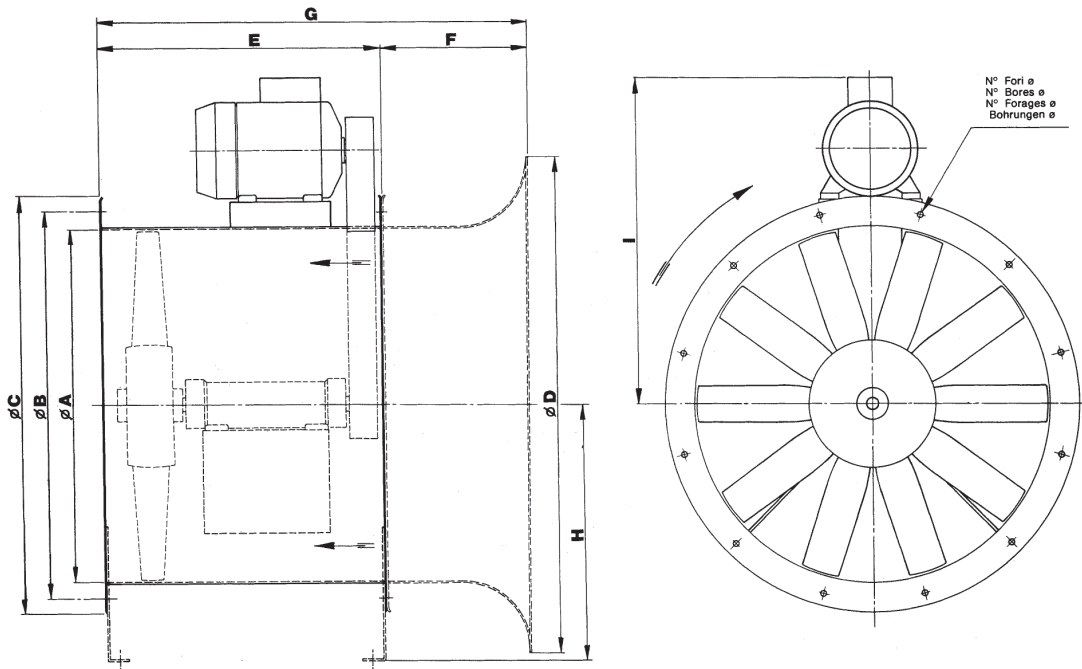
LUFTRICHTUNG

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

EIGENSCHAFTEN

Die in den Tabellen aufgeführten Werte gelten für die Ausführungen ohne Riemenschutz. Bei Ausführungen mit Riemenschutz ändern sich die Leistungsdaten wie folgt: DRUCK UND VOLUMEN: -10%; STROMAUFNAHME: - 10 %; GERÄUSCHPEGEL: +1+2 dB/A.

SERIE EF./9A



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/Type/Typ | | Ventilatore Fan Ventilateur Ventilator | | | | | | | | | | | | | | Peso Weight Poids Gewicht | | J | | Tipo/Type/Type/Typ | | Ventilatore Fan Ventilateur Ventilator | | | | | | | | | | | | | | Peso Weight Poids Gewicht | | J | | | | |
|--|---------------------------|--|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|----|-----|---------------------------|--|---------------------------|-------------------------|------------------------|------|--|------|------|------|-----|------|-----|---|------|----|----|---------------------|-----|-----|---------------------------|-----|------|------|------|-----|--|
| Ventilatore Fan Ventilateur Ventilator | Motore Motor Moteur Motor | kW ⁽¹⁾ inst. | n ⁽²⁾ vent. | A | B | C | D | E | F | G | H | I | N° | Ø | kg | kg · m ² | Ventilatore Fan Ventilateur Ventilator | Motore Motor Moteur Motor | kW ⁽¹⁾ inst. | n ⁽²⁾ vent. | A | B | C | D | E | F | G | H | I | N° | Ø | kg | kg · m ² | | | | | | | | | |
| EF 314/I 9A | 71 A4 | 0,25 | 2140 | | | | | | | | | | 380 | | 26 | | EF 714/H 9A | 90 L4 | 1,5 | 1060 | | | | | | | | | | | | | 115 | | | | | | | | | |
| | 71 A2 | 0,37 | 2400 | | | | | | | | | | 380 | | 26 | | | 100 LA4 | 2,2 | 1200 | | | | | | | | | | | | | | 121 | | | | | | | | |
| | 71 B2 | 0,55 | 2720 | 315 | 366 | 400 | 464 | 475 | 160 | 635 | 236 | | 380 | 8 | 28 | | | 100 LB4 | 3 | 1350 | 710 | 775 | 815 | 968 | 710 | 224 | 934 | 500 | | 670 | 16 | 12 | | | 123 | 0,62 | | | | | | |
| | 80 A2 | 0,75 | 3180 | | | | | | | | | | 400 | | 29 | | | 112 M4 | 4 | 1500 | | | | | | | | | | | | | | | | 128 | | | | | | |
| | 80 B2 | 1,1 | 3600 | | | | | | | | | | 400 | | 31 | | | 132 SA4 | 5,5 | 1690 | | | | | | | | | | | | | | | | | 141 | | | | | |
| | 90 S2 | 1,5 | 4000 | | | | | | | | | | 440 | | 34 | | | 132 MA4 | 7,5 | 1950 | | | | | | | | | | | | | | | | | | 152 | | | | |
| EF 354/H 9A | 71 B4 | 0,37 | 2030 | | | | | | | | | | 400 | | 29 | | EF 804/G 9A | 90 L4 | 1,5 | 890 | | | | | | | | | | | | | | | 145 | | | | | | | |
| | 71 B2 | 0,55 | 2280 | | | | | | | | | | 400 | | 31 | | | 100 LA4 | 2,2 | 1020 | | | | | | | | | | | | | | | | | 151 | | | | | |
| | 80 A2 | 0,75 | 2670 | 355 | 405 | 440 | 513 | 475 | 170 | 645 | 265 | | 420 | 8 | 32 | | | 100 LB4 | 3 | 1140 | 800 | 861 | 905 | 1077 | 750 | 250 | 1010 | 560 | | 700 | 16 | 12 | | | | | 153 | 0,75 | | | | |
| | 80 B2 | 1,1 | 3020 | | | | | | | | | | 420 | | 33 | | | 112 M4 | 4 | 1270 | | | | | | | | | | | | | | | | | | 158 | | | | |
| | 90 S2 | 1,5 | 3400 | | | | | | | | | | 460 | | 36 | | | 132 SA4 | 5,5 | 1440 | | | | | | | | | | | | | | | | | | | 171 | | | |
| | 90 L2 | 2,2 | 3800 | | | | | | | | | | 460 | | 39 | | | 132 MA4 | 7,5 | 1620 | | | | | | | | | | | | | | | | | | | 182 | | | |
| EF 404/G 9A | 71 B4 | 0,37 | 1800 | | | | | | | | | | 445 | | 32 | | EF 904/I 9A | 100 LB4 | 3 | 810 | | | | | | | | | | | | | | | | 177 | | | | | | |
| | 80 A4 | 0,55 | 2020 | | | | | | | | | | 445 | | 34 | | | 112 M4 | 4 | 910 | | | | | | | | | | | | | | | | | | 182 | | | | |
| | 80 A2 | 0,75 | 2370 | 400 | 448 | 485 | 567 | 475 | 180 | 655 | 300 | | 445 | 12 | 34 | | | 132 SA4 | 5,5 | 1030 | 900 | 958 | 1005 | 1190 | 800 | 280 | 1080 | 600 | | 825 | 16 | 12 | | | | | | 195 | 1,32 | | | |
| | 80 B2 | 1,1 | 2680 | | | | | | | | | | 445 | | 36 | | | 132 MA4 | 7,5 | 1160 | | | | | | | | | | | | | | | | | | | 206 | | | |
| | 90 S2 | 1,5 | 3010 | | | | | | | | | | 485 | | 39 | | | 132 MB4 | 9 | 1290 | | | | | | | | | | | | | | | | | | | 216 | | | |
| | 90 L2 | 2,2 | 3380 | | | | | | | | | | 485 | | 42 | | | 160 M4 | 11 | 1450 | | | | | | | | | | | | | | | | | | | 226 | | | |
| EF 454/H 9A | 80 B4 | 0,75 | 1720 | | | | | | | | | | 470 | | 42 | | EF 1004/H 9A | 100 LB4 | 3 | 750 | | | | | | | | | | | | | | | | | 215 | | | | | |
| | 90 S4 | 1,1 | 1930 | | | | | | | | | | 510 | | 45 | | | 112 M4 | 4 | 840 | | | | | | | | | | | | | | | | | | 220 | | | | |
| | 90 S2 | 1,5 | 2230 | 450 | 497 | 535 | 639 | 475 | 190 | 665 | 335 | | 510 | 12 | 45 | | | 132 SA4 | 5,5 | 950 | 1000 | 1067 | 1107 | 1330 | 900 | 280 | 1180 | 670 | | 830 | 24 | 12 | | | | | | 233 | 1,87 | | | |
| | 90 L2 | 2,2 | 2510 | | | | | | | | | | 510 | | 48 | | | 132 MA4 | 7,5 | 1060 | | | | | | | | | | | | | | | | | | | 244 | | | |
| | 100 LA2 | 3 | 2900 | | | | | | | | | | 530 | | 53 | | | 160 M4 | 11 | 1190 | | | | | | | | | | | | | | | | | | | 264 | | | |
| | 112 M2 | 4 | 3250 | | | | | | | | | | 540 | | 60 | | | 160 L4 | 15 | 1360 | | | | | | | | | | | | | | | | | | | 281 | | | |
| EF 504/G 9A | 80 B4 | 0,75 | 1530 | | | | | | | | | | 500 | | 58 | | EF 1124/G 9A | 112 M4 | 4 | 710 | | | | | | | | | | | | | | | | | 273 | | | | | |
| | 90 S4 | 1,1 | 1730 | | | | | | | | | | 540 | | 61 | | | 132 SA4 | 5,5 | 800 | | | | | | | | | | | | | | | | | | 286 | | | | |
| | 90 S2 | 1,5 | 1980 | 500 | 551 | 585 | 700 | 560 | 200 | 760 | 355 | | 540 | 12 | 62 | | | 132 MA4 | 7,5 | 900 | 1120 | 1200 | 1248 | 1490 | 900 | 315 | 1215 | 750 | | 910 | 24 | 12 | | | | | | | 297 | 2,65 | | |
| | 90 L2 | 2,2 | 2240 | | | | | | | | | | 540 | | 65 | | | 160 M4 | 11 | 1000 | | | | | | | | | | | | | | | | | | | 317 | | | |
| | 100 LA2 | 3 | 2570 | | | | | | | | | | 560 | | 70 | | | 160 L4 | 15 | 1130 | | | | | | | | | | | | | | | | | | | | 334 | | |
| | 112 M2 | 4 | 2910 | | | | | | | | | | 570 | | 77 | | | 180 M4 | 18,5 | 1300 | | | | | | | | | | | | | | | | | | | | 409 | | |
| EF 564/H 9A | 90 S4 | 1,1 | 1390 | | | | | | | | | | 570 | | 69 | | EF 1255/F 9A | 112 M4 | 4 | 640 | | | | | | | | | | | | | | | | | 340 | | | | | |
| | 90 L4 | 1,5 | 1560 | | | | | | | | | | 570 | | 72 | | | 132 SA4 | 5,5 | 720 | | | | | | | | | | | | | | | | | | | 353 | | | |
| | 100 LA4 | 2,2 | 1760 | 560 | 629 | 665 | 785 | 560 | 212 | 772 | 400 | | 590 | 12 | 79 | | | 132 MA4 | 7,5 | 810 | 1250 | 1337 | 1380 | 1670 | 1000 | 355 | 1355 | 850 | | 1040 | 24 | 12 | | | | | | | | 364 | 3,5 | |
| | 100 LA2 | 3 | 2040 | | | | | | | | | | 590 | | 78 | | | 160 M4 | 11 | 900 | | | | | | | | | | | | | | | | | | | | 384 | | |
| | 112 M2 | 4 | 2290 | | | | | | | | | | 600 | | 85 | | | 160 L4 | 15 | 1010 | | | | | | | | | | | | | | | | | | | | | 401 | |
| | 132 SA2 | 5,5 | 2580 | | | | | | | | | | 650 | | 97 | | | 180 M4 | 18,5 | 1170 | | | | | | | | | | | | | | | | | | | | | 476 | |
| EF 634/G 9A | 90 S4 | 1,1 | 1180 | | | | | | | | | | 610 | | 94 | | EF 1406/E 9A | 132 SA4 | 5,5 | 610 | | | | | | | | | | | | | | | | | 421 | | | | | |
| | 90 L4 | 1,5 | 1330 | | | | | | | | | | 610 | | 97 | | | 132 M4 | 7,5 | 690 | | | | | | | | | | | | | | | | | | | 432 | | | |
| | 100 LA4 | 2,2 | 1500 | 630 | 698 | 735 | 871 | 710 | 212 | 922 | 450 | | 630 | 12 | 104 | | | 160 M4 | 11 | 760 | 1400 | 1491 | 1540 | 1870 | 950 | 400 | 1350 | 950 | | 1130 | 32 | 12 | | | | | | | 452 | 4,5 | | |
| | 100 LB4 | 3 | 1680 | | | | | | | | | | 630 | | 106 | | | 160 L4 | 15 | 850 | | | | | | | | | | | | | | | | | | | | 469 | | |
| | 112 M4 | 4 | 1880 | | | | | | | | | | 640 | | 111 | | | 180 M4 | 18,5 | 970 | | | | | | | | | | | | | | | | | | | | 544 | | |
| | 132 SA4 | 5,5 | 2180 | | | | | | | | | | 680 | | 124 | | | 180 L4 | 22 | 1110 | | | | | | | | | | | | | | | | | | | | 559 | | |

Peso ventilatore in kg (completo di motore)
 Fan weight in kg (including motor)
 Poids du ventilateur en kg (complet avec moteur)
 Ventilatorgewicht in kg (mit Motor)

(1) Potenza motore installata
 Installed motor power
 Puissance moteur installée
 Installierte Motorleistung

(2) Numero di giri consigliati per il ventilatore
 Recommended fan RPM
 Régime conseillé pour le ventilateur
 Für den Leifer empfohlene Anzahl U/min

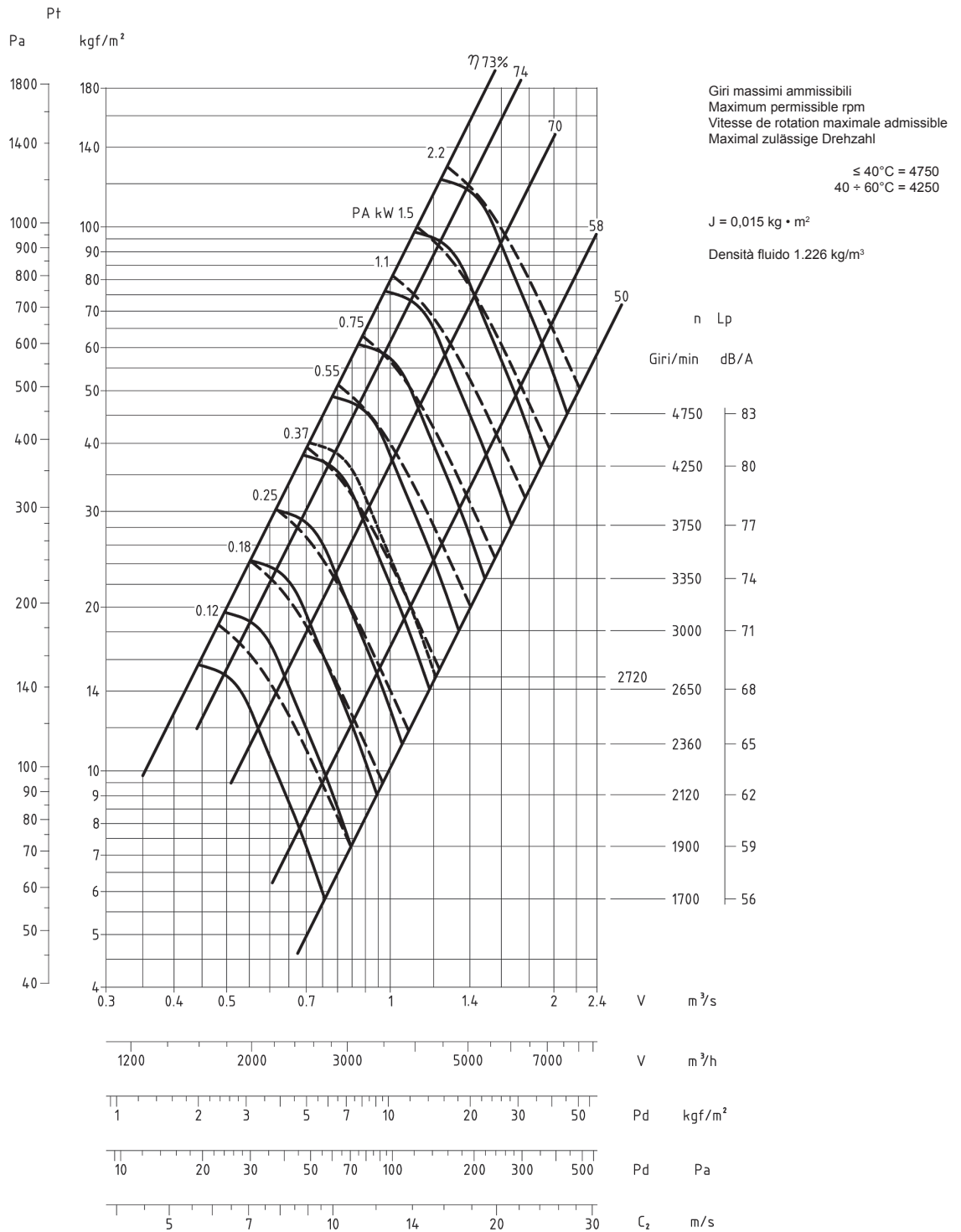
Tabella non impegnativa
 The above data are unbinding
 Tableau sans engagement
 Unverbindliche Tabelle



VENT EF 314/I 9A/A

ANGOLO PALE 28°

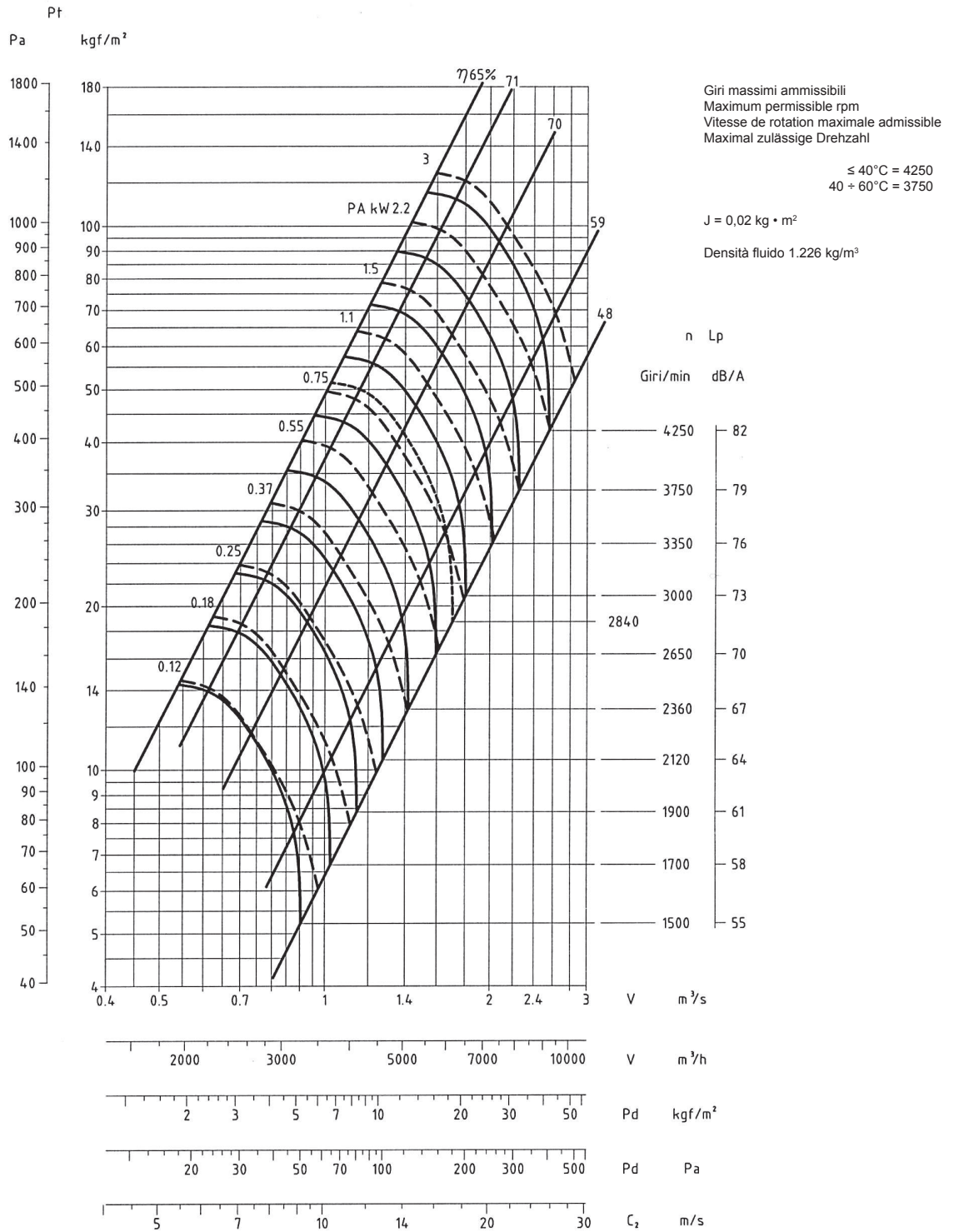
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 315 mm



VENT EF 354/H 9A/A

ANGOLO PALE 27°

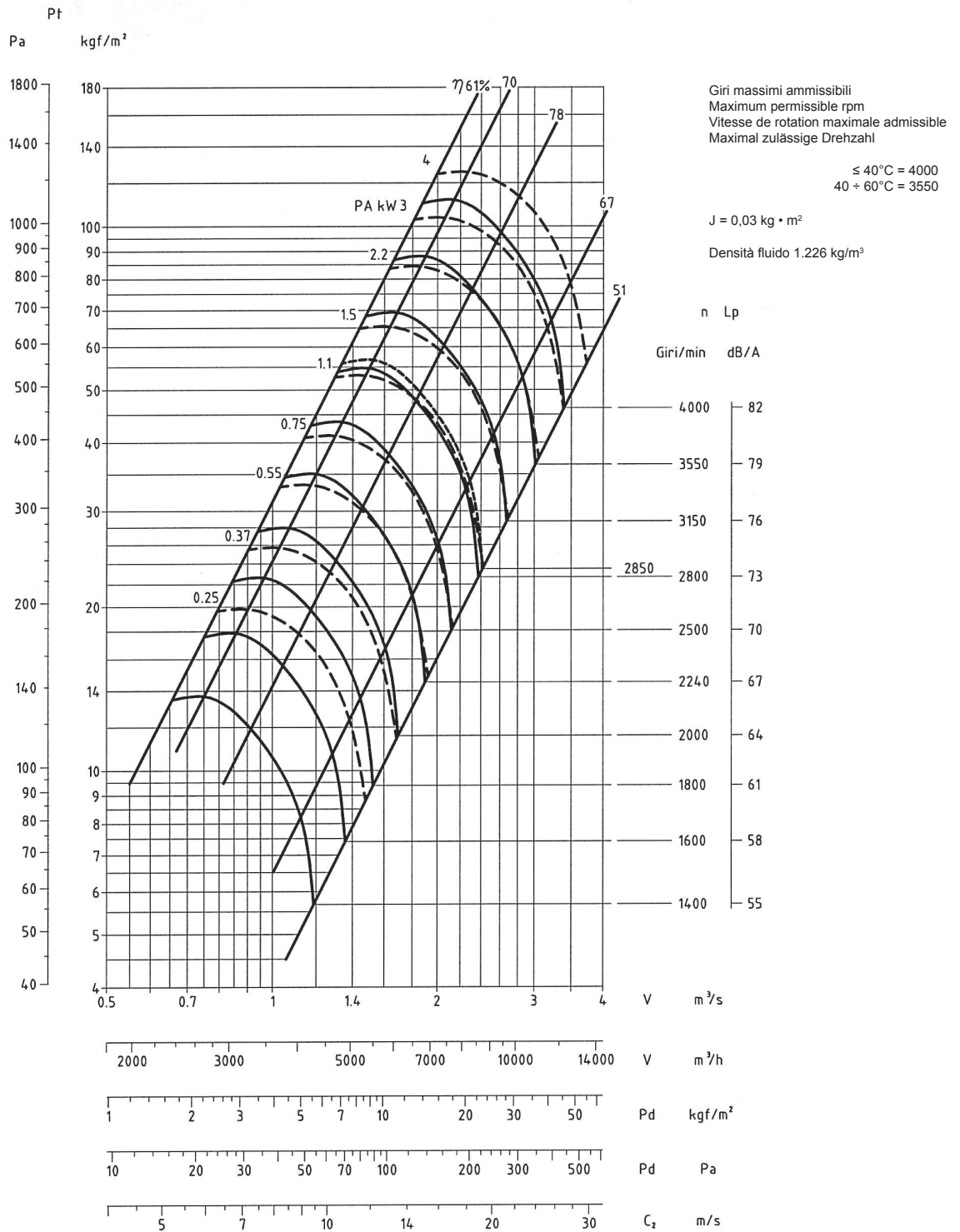
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 355 mm



VENT EF 404/G 9A/A

ANGOLO PALE 27°

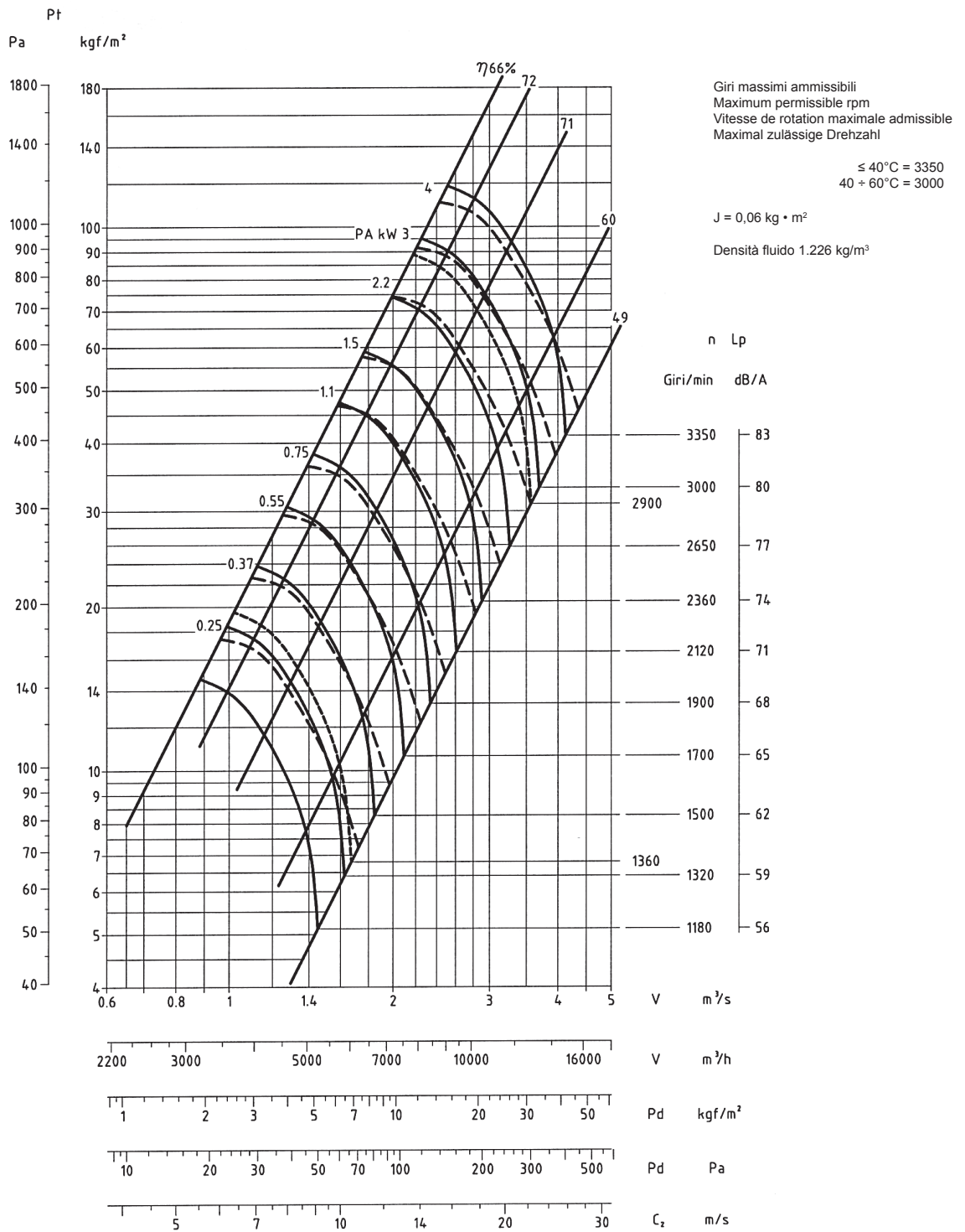
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 400 mm



VENT EF 454/H 9A/A

ANGOLO PALE 28°

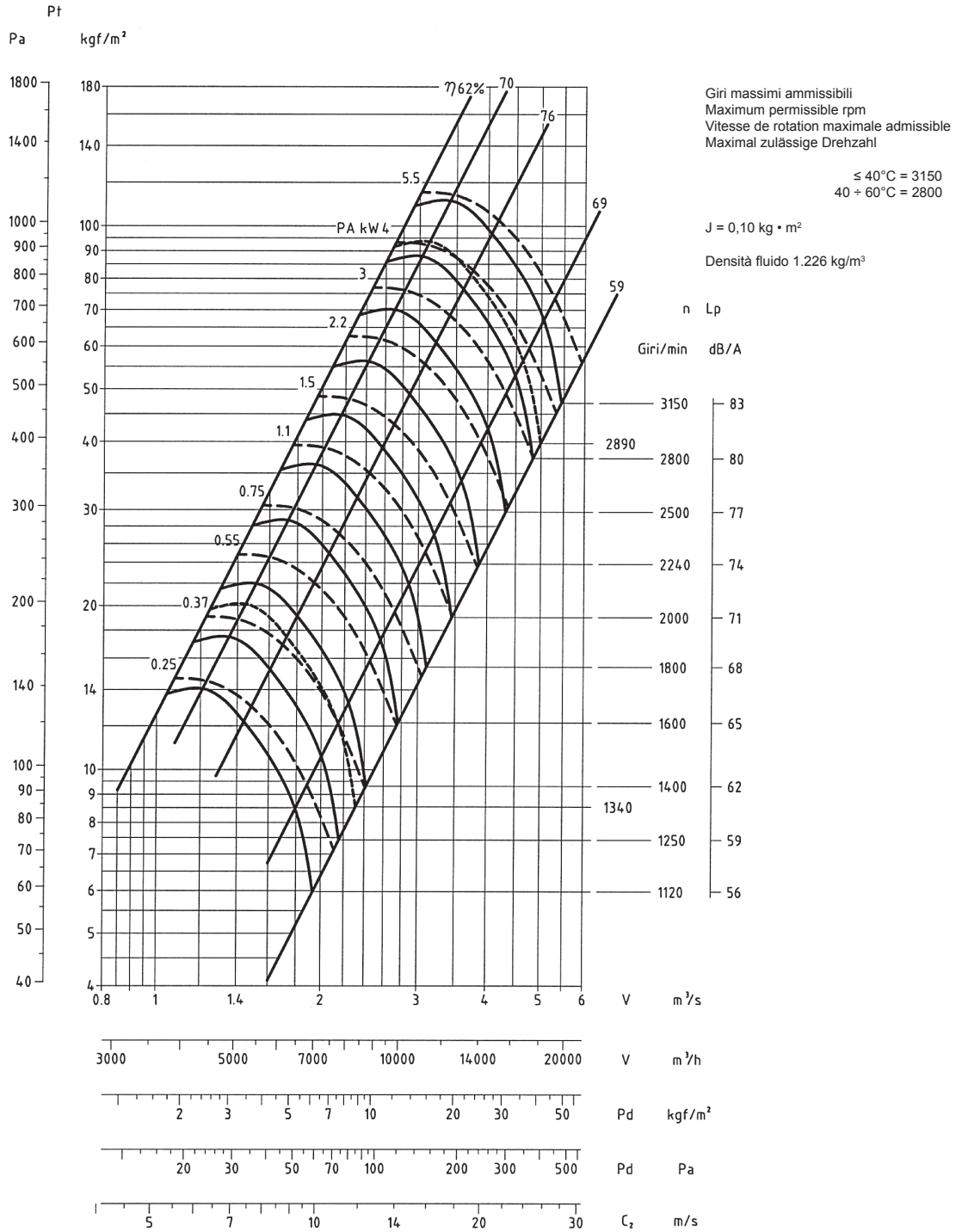
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 450 mm



VENT EF 504/G 9A/A

ANGOLO PALE 27°

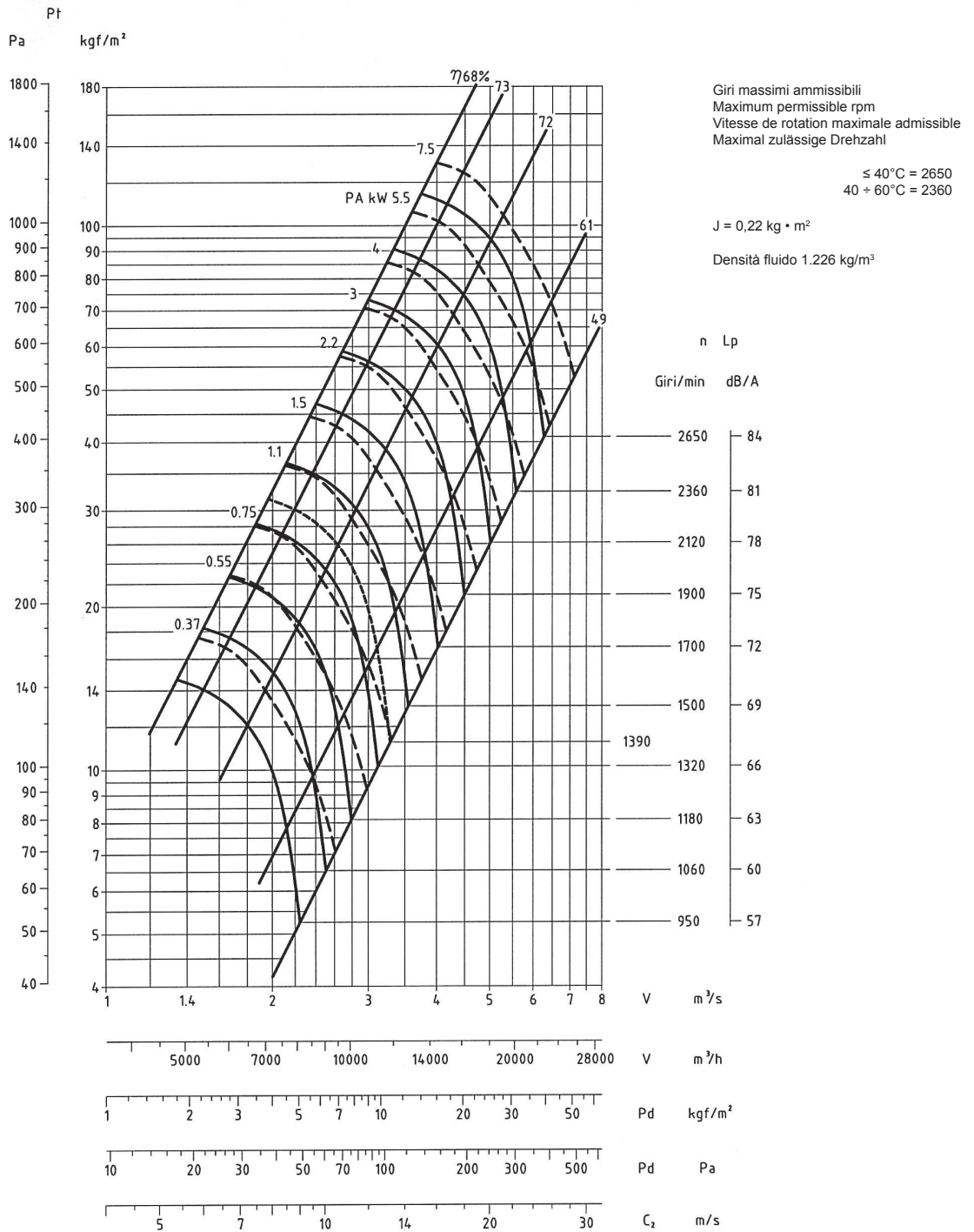
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 500 mm



VENT EF 564/H 9A/A

ANGOLO PALE 27°

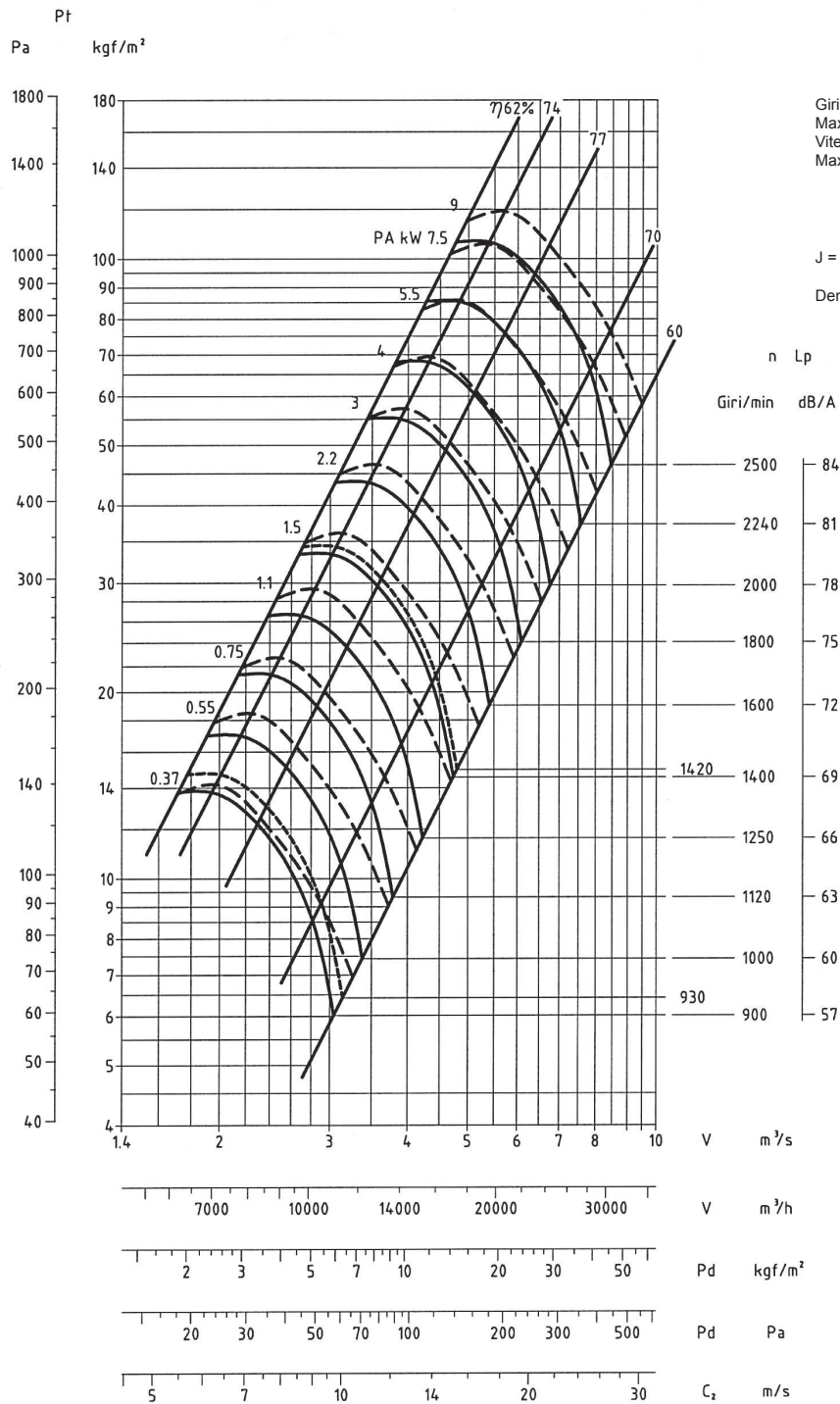
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 560 mm



VENT EF 634/G 9A/A

ANGOLO PALE 27°

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 630 mm



Giri massimi ammissibili
Maximum permissible rpm
Vitesse de rotation maximale admissible
Maximal zulässige Drehzahl

≤ 40°C = 2500
40 ÷ 60°C = 2240

J = 0,3 kg · m²

Densità fluido 1.226 kg/m³

n Lp
Giri/min dB/A

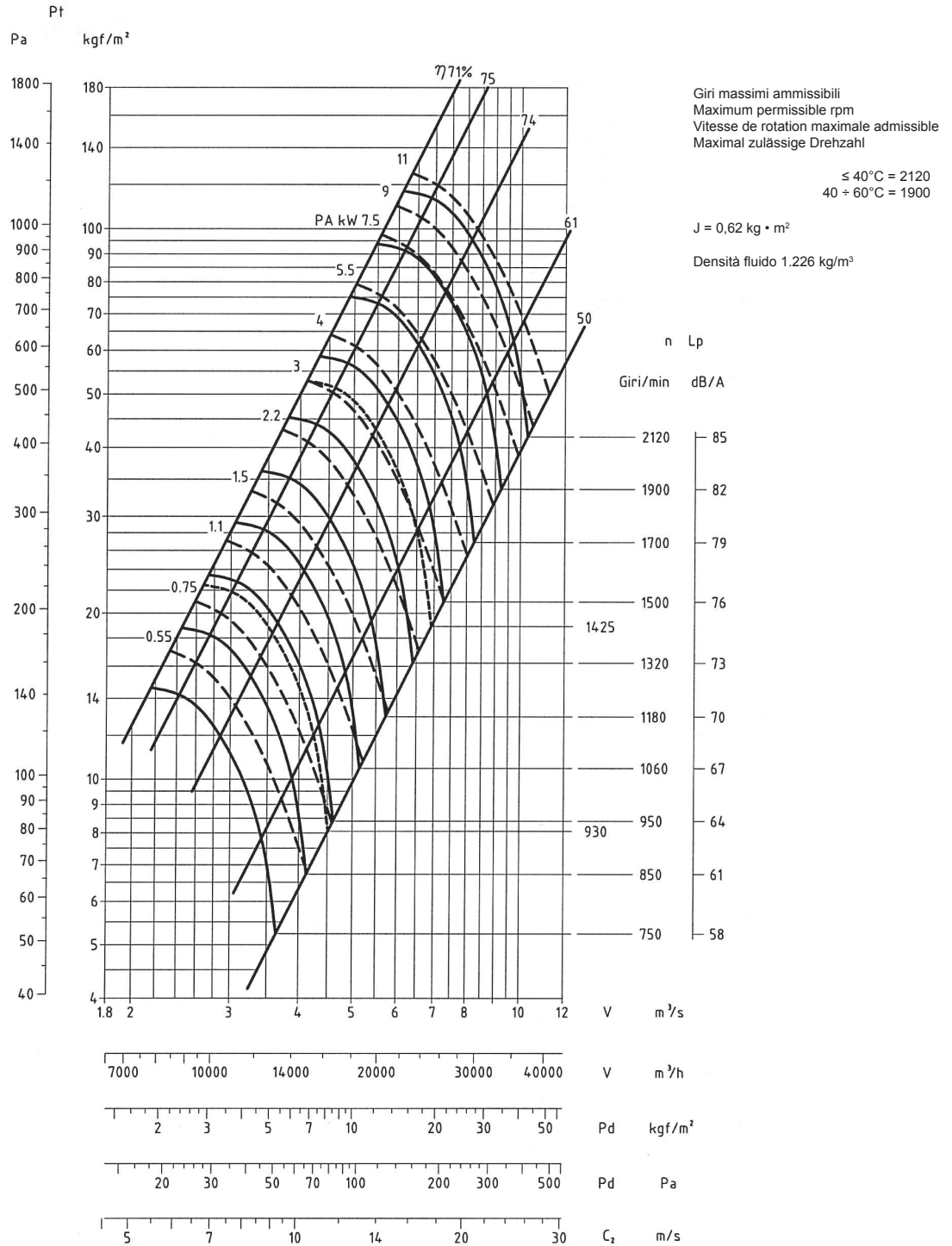
| | |
|------|----|
| 2500 | 84 |
| 2240 | 81 |
| 2000 | 78 |
| 1800 | 75 |
| 1600 | 72 |
| 1420 | 69 |
| 1400 | 69 |
| 1250 | 66 |
| 1120 | 63 |
| 1000 | 60 |
| 930 | 57 |



VENT EF 714/H 9A/A

ANGOLO PALE 28°

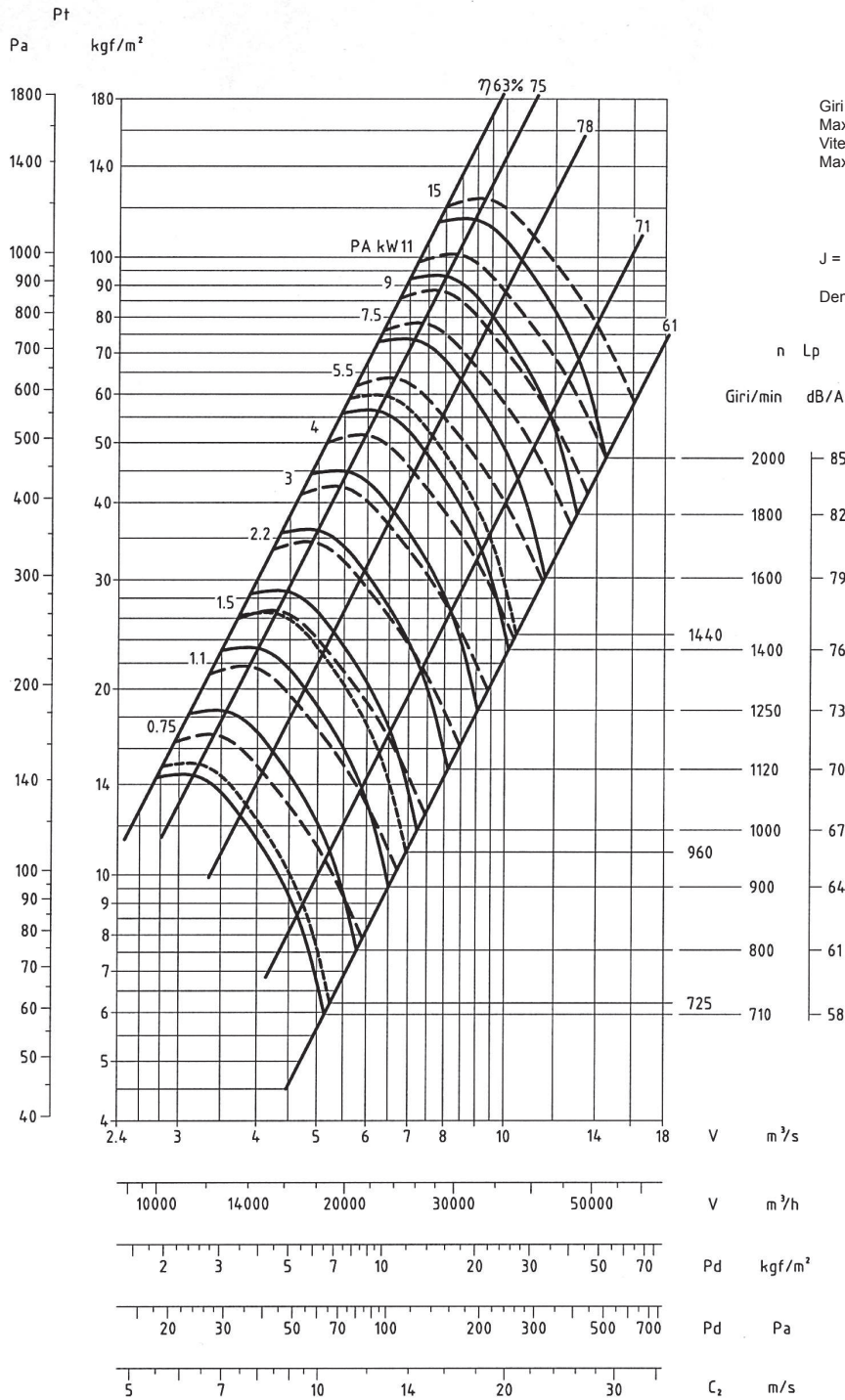
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 710 mm



VENT EF 804/G 9A/A

ANGOLO PALE 27°

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 800 mm



Giri massimi ammissibili
Maximum permissible rpm
Vitesse de rotation maximale admissible
Maximal zulässige Drehzahl

≤ 40°C = 2000
40 ÷ 60°C = 1800

J = 0,75 kg · m²

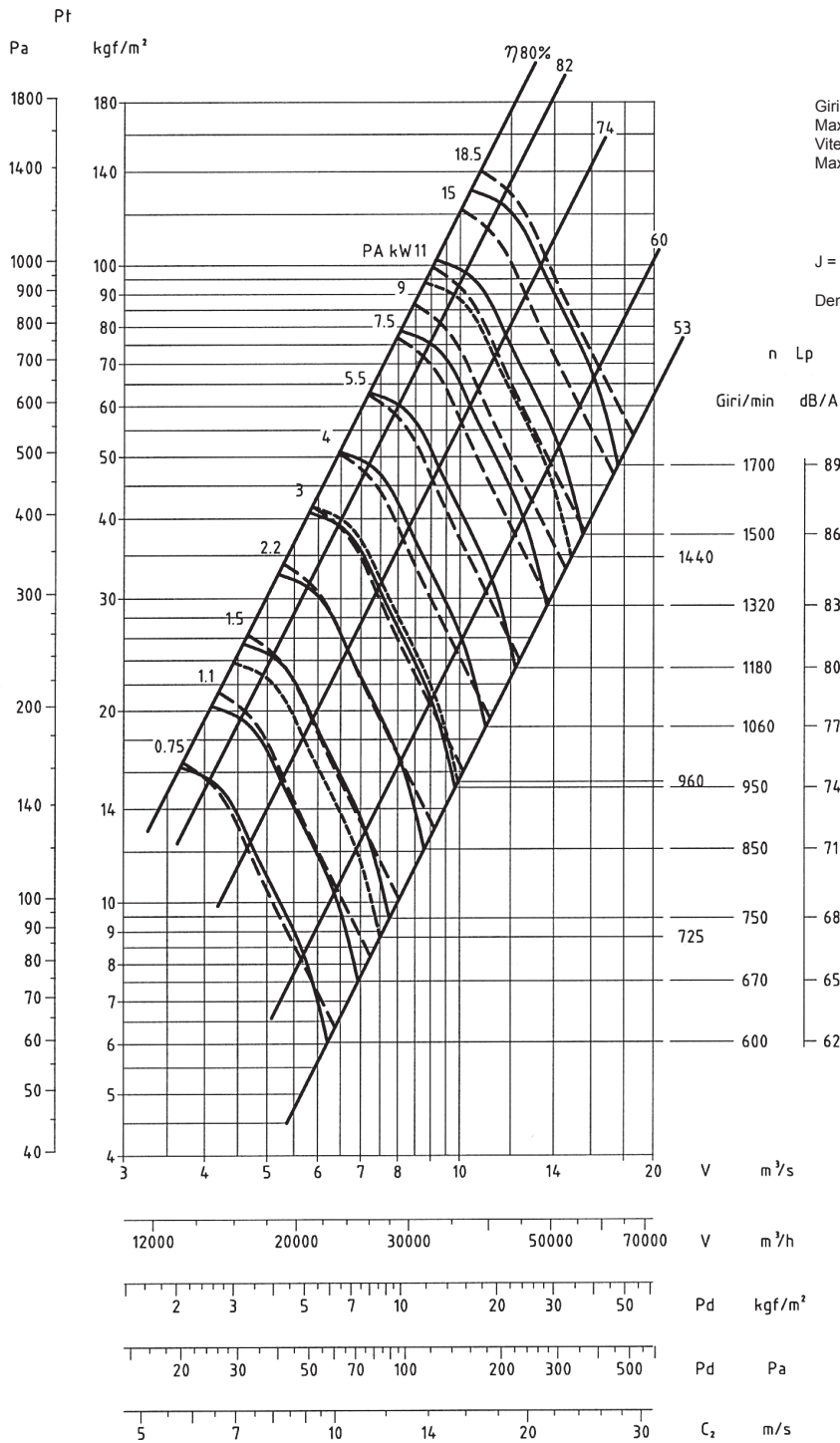
Densità fluido 1.226 kg/m³



VENT EF 904/I 9A/A

ANGOLO PALE 28°

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 900 mm



Giri massimi ammissibili
Maximum permissible rpm
Vitesse de rotation maximale admissible
Maximal zulässige Drehzahl

≤ 40°C = 1700
40 ÷ 60°C = 1500

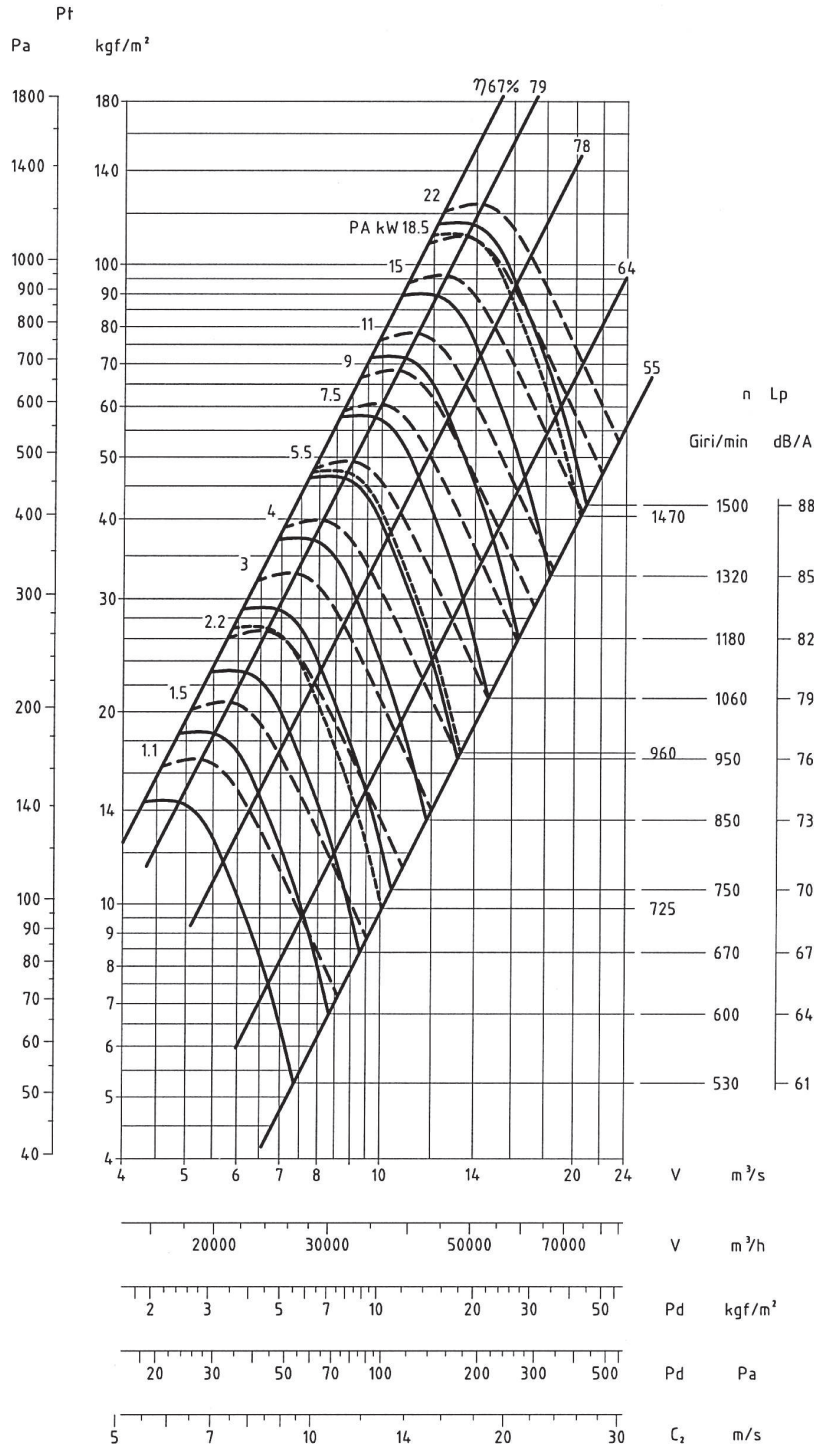
$J = 1,32 \text{ kg} \cdot \text{m}^2$

Densità fluido 1.226 kg/m³

VENT EF 1004/H 9A/A

ANGOLO PALE 28°

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1000 mm



Giri massimi ammissibili
Maximum permissible rpm
Vitesse de rotation maximale admissible
Maximal zulässige Drehzahl

≤ 40°C = 1500
40 ÷ 60°C = 1320

J = 1,87 kg · m²

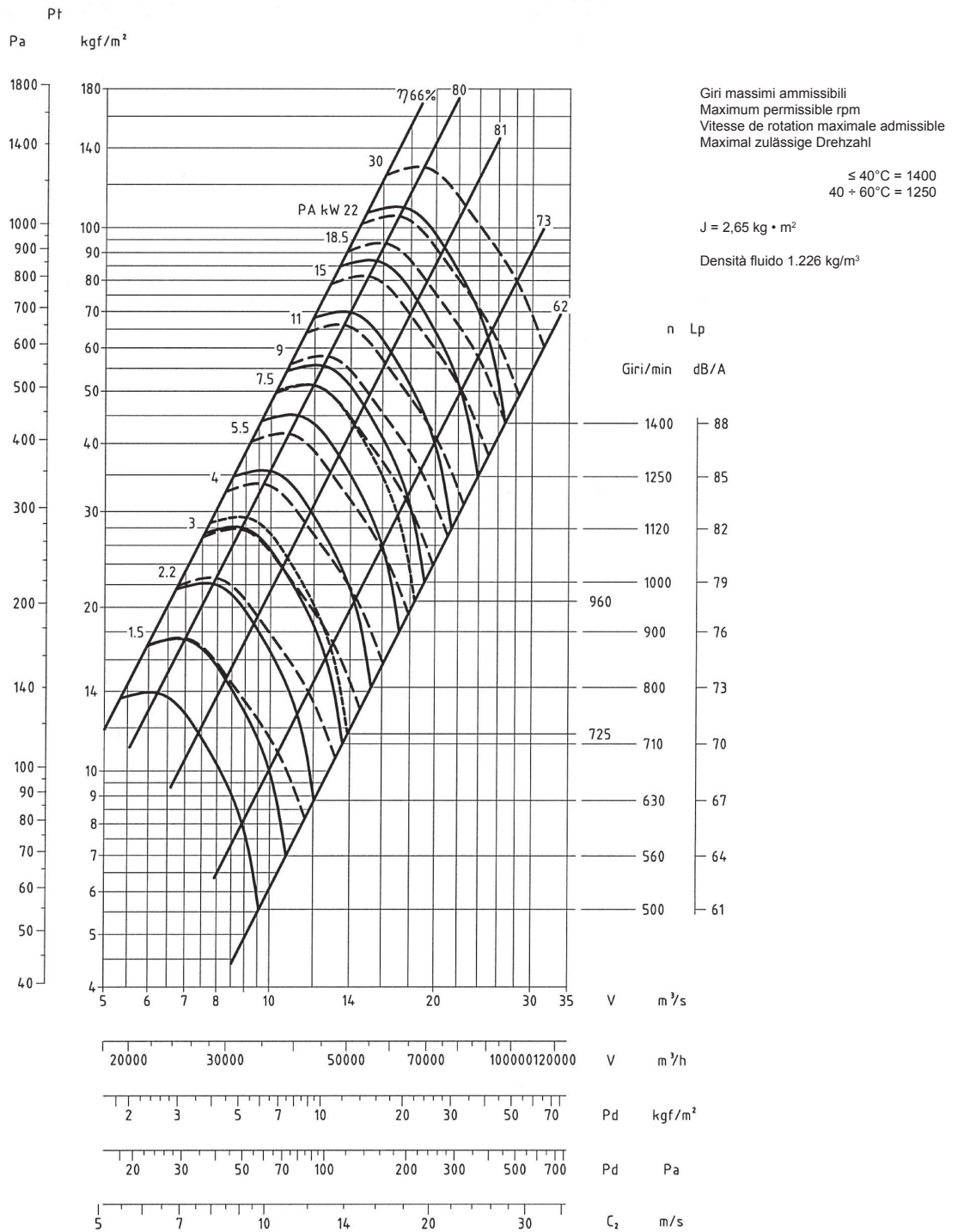
Densità fluido 1.226 kg/m³



VENT EF 1124/G 9A/A

ANGOLO PALE 27°

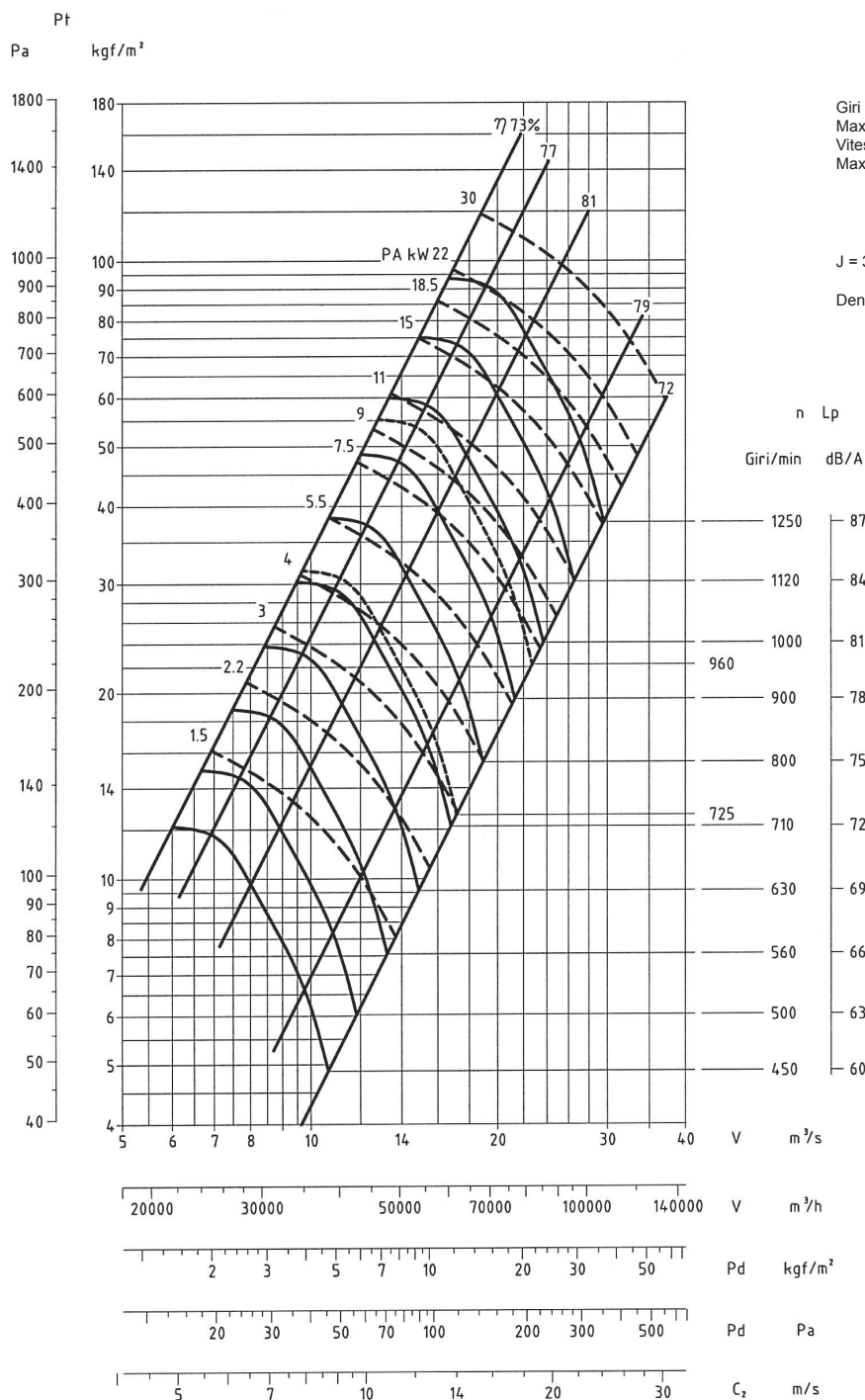
DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1120 mm



VENT EF 1255/F 9A/A

ANGOLO PALE 22°

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1250 mm



Giri massimi ammissibili
Maximum permissible rpm
Vitesse de rotation maximale admissible
Maximal zulässige Drehzahl

≤ 40°C = 1250
40 ÷ 60°C = 1120

J = 3,5 kg · m²

Densità fluido 1.226 kg/m³

n Lp

Giri/min dB/A

1250 87

1120 84

1000 81

960 78

900 75

800 72

725 69

630 66

560 63

500 60

20000 30000 50000 70000 100000 140000 V m³/h

2 3 5 7 10 20 30 50 Pd kgf/m²

20 30 50 70 100 200 300 500 Pd Pa

5 7 10 14 20 30 C₂ m/s



VENT EF 1406/E 9A/A

ANGOLO PALE 19°

DIAGRAMMA DI FUNZIONAMENTO IN PREMENTE - DIAMETRO GIRANTE 1400 mm

