

Mod. **GR**

$Q = 1500 \div 140000 \text{m}^3/\text{h}$

$Q = 0.4 \div 39 \text{m}^3/\text{s}$

$p_t = 150 \div 1100 \text{mmH}_2\text{O}$

$p_t = 1500 \div 11000 \text{Pa}$



Campo di lavoro

Portate piccole-medie-alte. Pressioni medie.

Tipo di pala

Curva, rovescia (negativa), vedi pag. 2.2.

Applicazioni

Per trasporto pneumatico, fumi, polveri fini. Adatto al trasporto di materiali solidi in miscela con aria, trucioli e segatura con ventilatore non attraversato.

Esecuzioni costruttive standard

Es.1-Es.4-Es.5-Es.8-Es.9-Es.12, vedi pag. 2.5 - 2.6.

Temperature del fluido standard

-10÷+60°C. Per altre temperature vedi da pag. 1.12 a pag. 1.15.

Tipo di costruzione

Ventilatore in lamiera di Fe360, girante in Fe360 equilibrata staticamente e dinamicamente. Per altri materiali vedi da pag. 1.12 a pag. 1.15.

Dati di funzionamento

Condizioni dell'aria all'aspirazione T=20°C, 0m.s.l.m. e ρ=1.205 kg/m³.

Rumorosità

Espressa in potenza sonora L_{wA} [dB(A)] rilevata in campo libero con ventilatore canalizzato, vedi da pag. 1.43 a pag. 1.49.

Orientamenti

N°8 RD (rotazione oraria vista lato trasmissione) e N°8 LG. Ventilatore in versione imbullonata orientabile per le taglie 400-630, orientamento fisso per le taglie 710-2000. Vedi pag. 2.7.

Costruzioni speciali

Vedi da pag. 2.20 a pag. 2.30.

Classi giranti

La seguente tabella fa riferimento a condizioni di lavoro standard. In condizioni di esercizio gravose si consiglia di contattare il servizio clienti di MORO per conoscere la tipologia di girante più idonea.

■ Domaine de travail

Débits petits-moyens-élevés. Moyennes pressions.

Type d'ailette

Courbée, inversée (négative), voir page 2.2.

Applications

Pour transport pneumatique, fumées, poussières fines. Convient au transport de matières solides en mélange dans l'air, copeaux et sciure avec ventilateur non traversé.

Configurations de constructions standard

Ex.1-Ex.4-Ex.5-Ex.8-Ex.9-Ex.12, voir pages 2.5 - 2.6.

Températures du fluide standard

-10÷+60°C. Pour d'autres températures voir pages 1.12-1.15.

Type de fabrication

Ventilateur en tôle de Fe360, turbine en Fe360 équilibrée statiquement et dynamiquement. Pour d'autres matériaux, voir pages 1.12-1.15.

Données de fonctionnement

Conditions de l'air à l'aspiration T=20°C, 0 m asl et ρ=1.205 kg/m³.

Niveau sonore

Exprimé en puissance sonore L_{wA} [dB(A)], relevé à l'air libre avec un ventilateur canalisé, voir pages 1.43 - 1.49.

Orientations

8 RD (rotation dans le sens des aiguilles d'une montre côté transmission) et 8 LG. Ventilateur en version boulonnée orientable pour les tailles 400-630, orientation fixe pour les tailles 710-2000. Voir page 2.7.

Fabrications spéciales

Voir pages 2.20-2.30.

Classes de turbines

Le tableau ci-dessus fait référence aux conditions de travail normales, en conditions de travail pénibles, on préconise de contacter le service clientèle de MORO pour connaître le type de turbine le plus adapté.

GRANDEZZA VENTILATORE • Grandeur • Size • Größe • Tamaño	RPM MASSIMO • Maxi tours/min. • Max rpm • Max. U/min • R.p.m. máx.			
	CLASSE I	CLASSE II	CLASSE III	CLASSE IV
GR400/R	4100	5800		
GR400	4000	5600		
GR450/R	3750	5400		
GR450	3600	5000		
GR500/R	3500	4750		
GR500	3400	4500		
GR560/R	3300	4250	4750	
GR560	3200	4000	4500	
GR630/R	3100	3750	4250	
GR630	2950	3600	4000	
GR710/R	2800	3400	3750	
GR710	2600	3200	3550	
GR800/R	2500	3000	3350	3570
GR800	2350	2800	3150	3500
GR900/R	2200	2650	3000	3300
GR900	2100	2500	2800	3100
GR1000/R	2000	2350	2700	
GR1000	1900	2250	2550	
GR1120/R	1800	2150	2400	
GR1120	1700	2000	2250	
GR1250/R	1600	1900	2100	
GR1250	1500	1800	2000	
GR1400/R	1400	1700	1900	
GR1400	1300	1600	1800	
GR1600	1100	1400	1600	
GR1800	1200	1350	1450	
GR2000	1000	1150	1250	

VALORI VALIDI FINO A 60°C

• Valeurs valables jusqu'à 60°C • Values valid up to 60°C
• Werte bis 60°C gültig • Valores válidos hasta 60°C

FRA • entre • between • zwischen • entre	60°C	E • et • and • und • y	100°C	DECLASSARE VELOCITÀ • déclasser vitesse • degrade speed • Geschwindigkeit herabsetzen • rebajar velocidad	4%
	100°C		150°C		10%
	150°C		200°C		16%
	200°C		250°C		23%
	250°C		300°C		30%
	300°C		350°C		37%
	350°C		400°C		45%
	400°C		450°C		54%
	450°C		500°C		64%

■ Field of operation

Low-medium-high flow rates. Average pressures.

Blade type

Curve, backward (negative), see pg. 2.2.

Applications

For pneumatic transport, fumes, fine dust. Suitable for transporting solid materials mixed with air, chips and sawdust with a non-transited fan.

Standard constructional arrangements

Arr.1-Arr.4-Arr.5-Arr.8-Arr.9-Arr.12, see pgs. 2.5 - 2.6.

Standard fluid temperatures

-10÷+60°C. For other temperatures see pgs. 1.12 to 1.15.

Type of construction

Fan in Fe360 plate, impeller in Fe360 statically and dynamically balanced. For other materials see pgs. 1.12 to 1.15.

Operating specifications

Condition of inlet air T=20°C, 0 m above sea level and ρ=1.205 kg/m³.

Noise level

Expressed as sound power L_{wA} [dB(A)] measured in free field with ducted fan, see pgs. 1.43 to 1.49.

Orientations

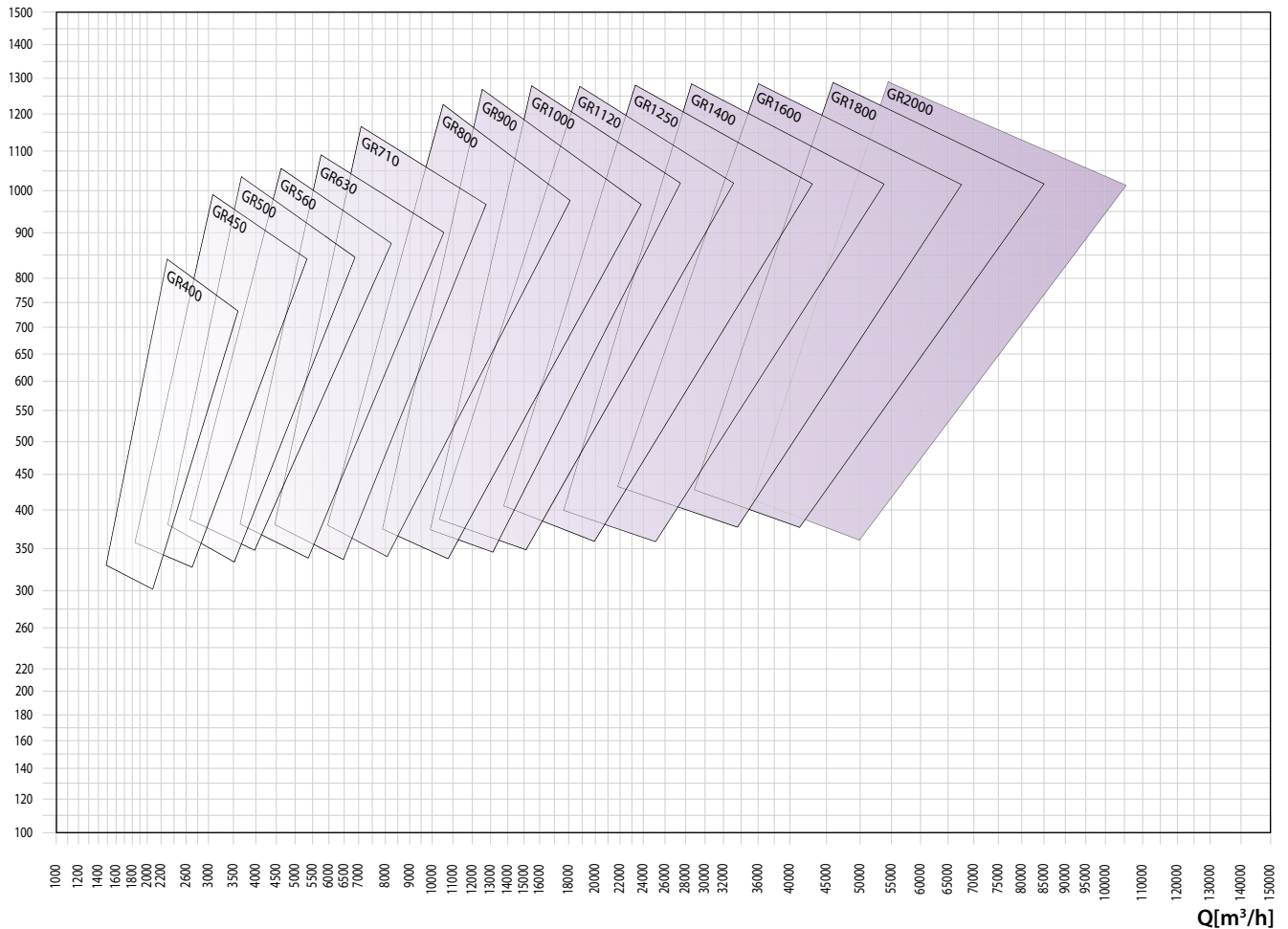
No.8 RD (clockwise viewed from transmission side) and No.8 LG. Fan in bolted orientable version for sizes 400-630, fixed orientation for sizes 710-2000. See pg. 2.7.

Special applications

See pgs. 2.20 to 2.30.

Impeller classes

The above table refers to standard operating conditions, in heavy-duty service conditions it is advisable to contact the MORO Customer Service to establish the most suitable type of impeller.

pt [mmH₂O]

■ Arbeitsbereich

Niedrige - mittlere - grosse Fördermengen. Mittlere Drücke.

Schaufelform

Kurve, rückwärts gekrümmt (negativ), siehe Seite 2.2.

Anwendungen

Zum Transport von Luft, Rauch, Feinstaub. Zum Transport von in Luft enthaltenen Feststoffen, Spänen und Sägestaub bei nicht direkt durchströmten Ventilator geeignet.

Konstruktive Standardausführungen

Ausf. 1-Ausf. 4-Ausf. 5-Ausf. 8-Ausf. 9-Ausf. 12, siehe Seiten 2.5 - 2.6.

Standardtemperatur des Mediums

-10 ÷ +60°C. Für andere Temperaturen siehe Seiten 1.12 bis 1.15.

Konstruktionsart

Ventilator aus Blech Fe360, Laufrad aus Fe360, statisch und dynamisch ausgewuchtet. Für andere Materialien siehe Seiten 1.12 bis 1.15.

Betriebsdaten

Physikalischer Zustand der Ansaugluft T=20°C, 0 m ü. M. und ρ=1.205 kg/m³.

Geräuschpegel

angegeben als Schalleistungspegel L_{wA} [dB(A)] mit Messung im Freifeld und an Rohren angeschlossenen Ventilatore, siehe Seiten 1.43 bis 1.49.

Ausrichtung

8 Modelle RD (Drehrichtung im Uhrzeigersinn, von Antriebsseite aus gesehen) und 8 Modelle LG. Angeschraubter, in der Ausrichtung veränderbarer Ventilator in den Grössen 400 - 630, mit Vorderstütze und damit nicht veränderbar ab Grösse 710 mit Riementrieb, immer ausrichtbar bei allen direkt angetriebenen Ventilatoren ohne Vorderstütze, siehe Seite 2.7.

Spezialausführungen

Siehe Seiten 2.20 bis 2.30.

Laufradklassen

Die obenstehende Tabelle bezieht sich auf normale Betriebsbedingungen. Bei erschwerenden Betriebsbedingungen wird empfohlen, den Kundenservice der MORO zu kontaktieren, um den am besten geeigneten Laufradtyp zu bestimmen.

■ Campo de trabajo

Caudales pequeños-medios-altos. Presiones medias.

Tipo de pala

Curva, invertida (negativa), ver pág. 2.2.

Aplicaciones

Para transporte neumático, humos y/o polvos finos. Apto para el transporte de materiales sólidos mezclados con aire, virutas y serrín sin transitar por el ventilador.

Variantes constructivas estándares

Ejec.1-Ejec.4-Ejec.5-Ejec.8-Ejec.9-Ejec.12, ver págs. 2.5 - 2.6.

Temperaturas del fluido estándares

De -10 a +60°C. Para otras temperaturas, ver págs. de 1.12 a 1.15.

Tipo de construcción

Ventilador de chapa en Fe360, rotor en Fe360 equilibrado estática y dinámicamente. Para otros materiales, ver págs. de 1.12 a 1.15.

Datos de funcionamiento

Condiciones del aire en aspiración T=20°C, 0 m SNM y ρ=1.205 kg/m³.

Niveles de ruido

Expresados en potencia sonora L_{wA} [dB(A)] medida en campo abierto con ventilador canalizado, ver págs. de 1.43 a 1.49.

Orientaciones

8 RD (rotación dextrógira vista desde el lado de transmisión) y 8 LG. Ventilador en versión empernada orientable para tamaños 400-630, orientación fija para tamaños 710-2000. Ver pág. 2.7.

Construcciones especiales

Ver págs. de 2.20 a 2.30.

Clases de rotores

La tabla arriba hace referencia a condiciones de trabajo estándares, en condiciones de funcionamiento pesadas, se aconseja llamar al Servicio de atención al cliente de MORO para conocer el tipo de rotor más adecuado.

GR

Tipo • Type • Type • Typ • Tipo		P inst. [kW]	n	LpA [dB(A)]	Tolleranza sulla portata ±5% • Tolérance sur le débit ±5% • Load tolerance ±5% • Durchsatztoleranz ±5% • Tolerancia respecto caudal ±5%														
Ventilatore • Ventilateur • Fan • Ventilator • Ventilador	Motore • Moteur • Motor • Motor • Motor				Q [m³/h]														
					1440	1620	1800	1980	2160	2520	2880	3240	3600	3960	4320	4680	5400	6120	7200
					pt[mmH ₂ O]														
GR400/2R	90	2,2	2920	65	258	256	253	249	244	233	219								
GR400/2	100	3	2930	66	267	265	262	259	255	246	234	219	200						
GR450/2R	112	4	2930	69				342	338	329	319	307	293	278	262				
GR450/2	132	5,5	2950	72					359	354	346	336	324	310	295	277	238		
GR500/2R	132	7,5	2950	77							412	407	400	391	375	368	337	300	235
GR500/2	160	11	2950	80							453	450	445	439	431	421	396	366	311
GR560/2R	160	11	2950	76									500	494	488	481	466	450	420
GR560/2	160	15	2960	84										541	535	529	517	502	477
GR630/2R	180	22	2960	84												623	613	601	582
GR630/2	200	30	2970	87													690	681	666
GR710/2R	200	37	2970	87															792
GR710/2	225	45	2970	87															
GR800/2R	280	75	2970	91															
GR800/2	280	90	2970	94															
GR900/2R	315	132	2980	92															
GR900/2	315	160	2980	98															
GR560/4R	90	1,5	1420	62				114	113	110	105	101	95	90	83	75			
GR560/4	100	2,2	1420	63				124	122	120	116	113	107	102	98	91	75		
GR630/4R	100	3	1420	65						142	139	137	133	129	126	121	111	97	
GR630/4	112	4	1440	68							161	159	156	153	151	147	137	128	108
GR710/4R	112	4	1440	69									186	183	180	178	172	164	152
GR710/4	132	5,5	1455	70										214	213	211	206	201	190
GR800/4R	132	7,5	1455	69												255	252	247	240
GR800/4	160	11	1460	77													276	272	266
GR900/4R	160	15	1460	78															326
GR900/4	180	22	1470	81															
GR1000/4R	200	30	1470	82															
GR1000/4	225	37	1480	86															
GR1120/4R	225	45	1480	83															
GR1120/4	250	55	1480	87															
GR1250/4R	280	75	1480	89															
GR1250/4	315	110	1485	94															
GR1400/4R	315	132	1485	92															
GR1400/4	315	160	1485	95															
GR900/6R	132	4	950	64												138	136	133	128
GR900/6	132	5,5	950	69													148	145	140
GR1000/6R	160	7,5	960	71														172	168
GR1000/6	160	11	960	73															186
GR1120/6R	180	15	970	74															
GR1120/6	200	18,5	975	77															
GR1250/6R	200	22	975	79															
GR1250/6	225	30	975	81															
GR1400/6R	250	37	980	83															
GR1400/6	280	55	980	86															

Il livello di pressione sonora ponderato A, LpA (cap.14), corrisponde al valore rilevato, nelle condizioni di prova, nel punto di massima rumorosità.

GR

Tipo • Type • Type • Typ • Tipo		P inst. [kW]	n	LpA [dB(A)]	Tolleranza sulla portata ±5% • Tolérance sur le débit ±5% • Load tolerance ±5% • Durchsatztoleranz ±5% • Tolerancia respecto caudal ±5%															
Ventilatore • Ventilateur • Fan • Ventilator • Ventilador	Motore • Moteur • Motor • Motor • Motor				Q [m³/h]															
					1440	1620	1800	1980	2160	2520	2880	3240	3600	3960	4320	4680	5400	6120	7200	
					pt[mmH ₂ O]															
GR400/2R	90	2,2	2920	65	251	249	246	242	238	227	213									
GR400/2	100	3	2930	66	260	258	255	252	248	239	227	213	194							
GR450/2R	112	4	2930	69				331	327	318	308	297	283	269	253					
GR450/2	132	5,5	2950	72				346	342	334	324	313	299	284	267	229				
GR500/2R	132	7,5	2950	77							396	391	384	376	360	354	324	288	224	
GR500/2	160	11	2950	80							433	430	426	420	412	403	379	350	297	
GR560/2R	160	11	2950	76									476	471	465	459	444	429	401	
GR560/2	160	15	2960	84										513	508	502	491	477	453	
GR630/2R	180	22	2960	84												587	578	567	549	
GR630/2	200	30	2970	87													646	638	624	
GR710/2R	200	37	2970	87															735	
GR710/2	225	45	2970	87																
GR800/2R	280	75	2970	91																
GR800/2	280	90	2970	94																
GR900/2R	315	132	2980	92																
GR900/2	315	160	2980	98																
GR560/4R	90	1,5	1420	62				112	111	108	103	99	93	88	81	72				
GR560/4	100	2,2	1420	63				122	120	118	114	111	105	100	95	88	72			
GR630/4R	100	3	1420	65						140	137	135	131	127	123	118	108	94		
GR630/4	112	4	1440	68							158	156	153	150	148	144	134	124	104	
GR710/4R	112	4	1440	69									182	179	176	174	168	160	148	
GR710/4	132	5,5	1455	70										209	208	206	201	196	185	
GR800/4R	132	7,5	1455	69												248	246	241	234	
GR800/4	160	11	1460	77													268	264	258	
GR900/4R	160	15	1460	78															316	
GR900/4	180	22	1470	81																
GR1000/4R	200	30	1470	82																
GR1000/4	225	37	1480	86																
GR1120/4R	225	45	1480	83																
GR1120/4	250	55	1480	87																
GR1250/4R	280	75	1480	89																
GR1250/4	315	110	1485	94																
GR1400/4R	315	132	1485	92																
GR1400/4	315	160	1485	95																
GR900/6R	132	4	950	64												136	134	131	126	
GR900/6	132	5,5	950	69													146	143	138	
GR1000/6R	160	7,5	960	71														169	165	
GR1000/6	160	11	960	73															182	
GR1120/6R	180	15	970	74																
GR1120/6	200	18,5	975	77																
GR1250/6R	200	22	975	79																
GR1250/6	225	30	975	81																
GR1400/6R	250	37	980	83																
GR1400/6	280	55	980	86																

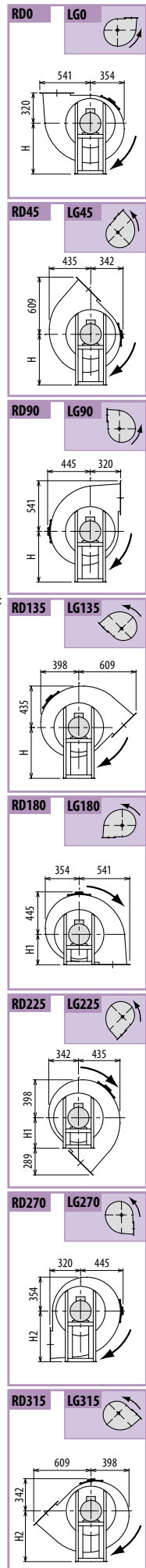
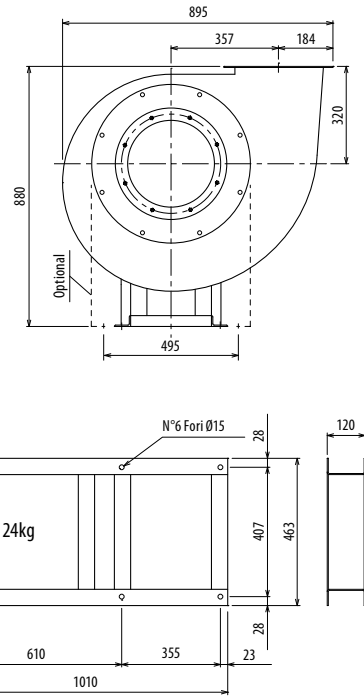
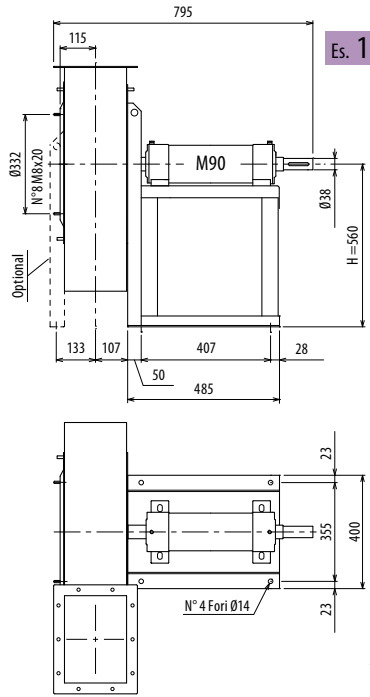
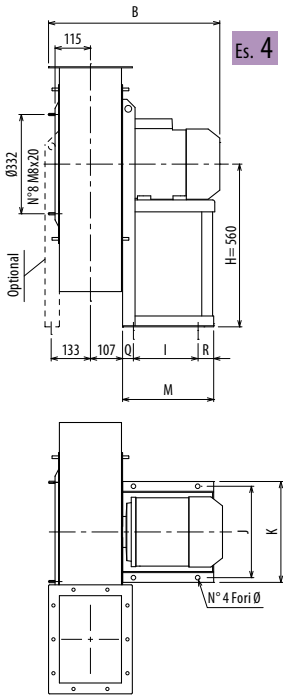
Il livello di pressione sonora ponderato A, LpA (cap.14), corrisponde al valore rilevato, nelle condizioni di prova, nel punto di massima rumorosità.

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

GR450



■ DIMENSIONS D'ENCOMBRE ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

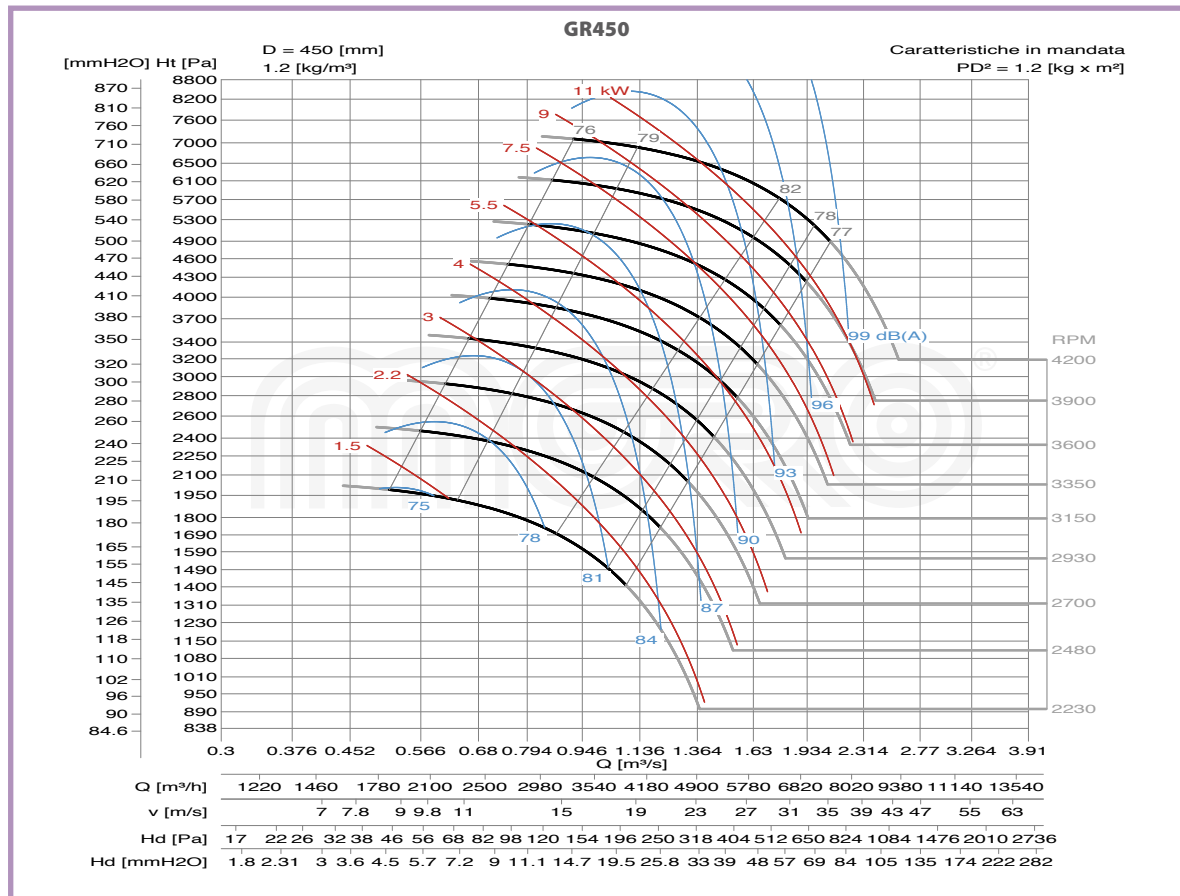
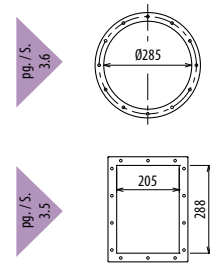


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
 - The fan is revolvable
 - Der Ventilator ist drehbar
 - El ventilador es orientable
- Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Gewichtsangabe in Tabelle inkl. Motor El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulteriori informazioni e cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
GR450/2R	112 M2	107	1,0	580	197	560	320	560	289	324	276	30	49	12
GR450/2	132 S2	136	1,2	622	237	560	320	560	337	372	336	40	59	12
GR450/T		95	1,2			560	320	560						



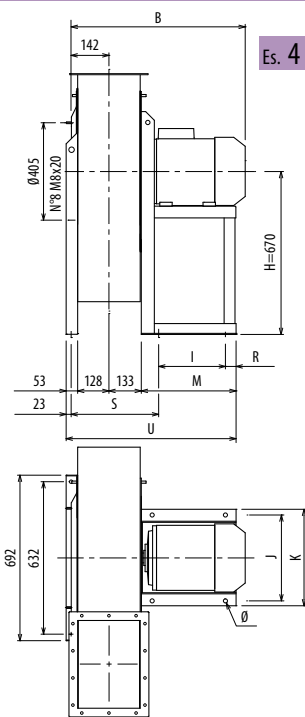
DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

■ DIMENSIONS D'ENCOMBRE ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

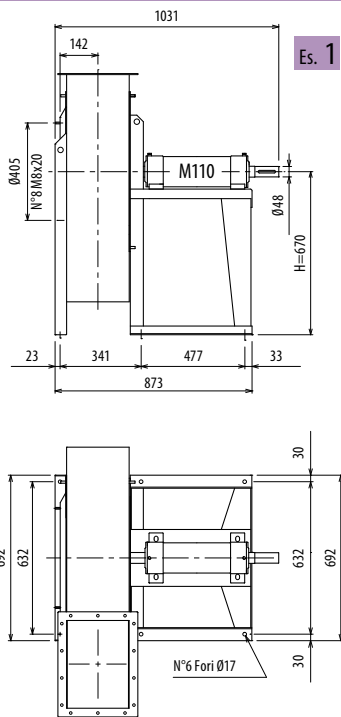
GR560



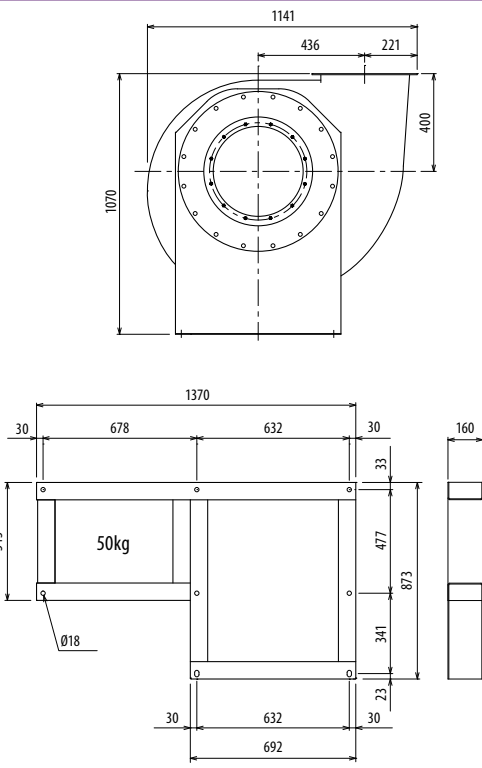
GR



Es. 4



Es. 1



Il ventilatore è orientabile • Peso in tabella comprensivo di motore

■ Le ventilateur est orientable
 Le poids dans le tableau inclut le moteur

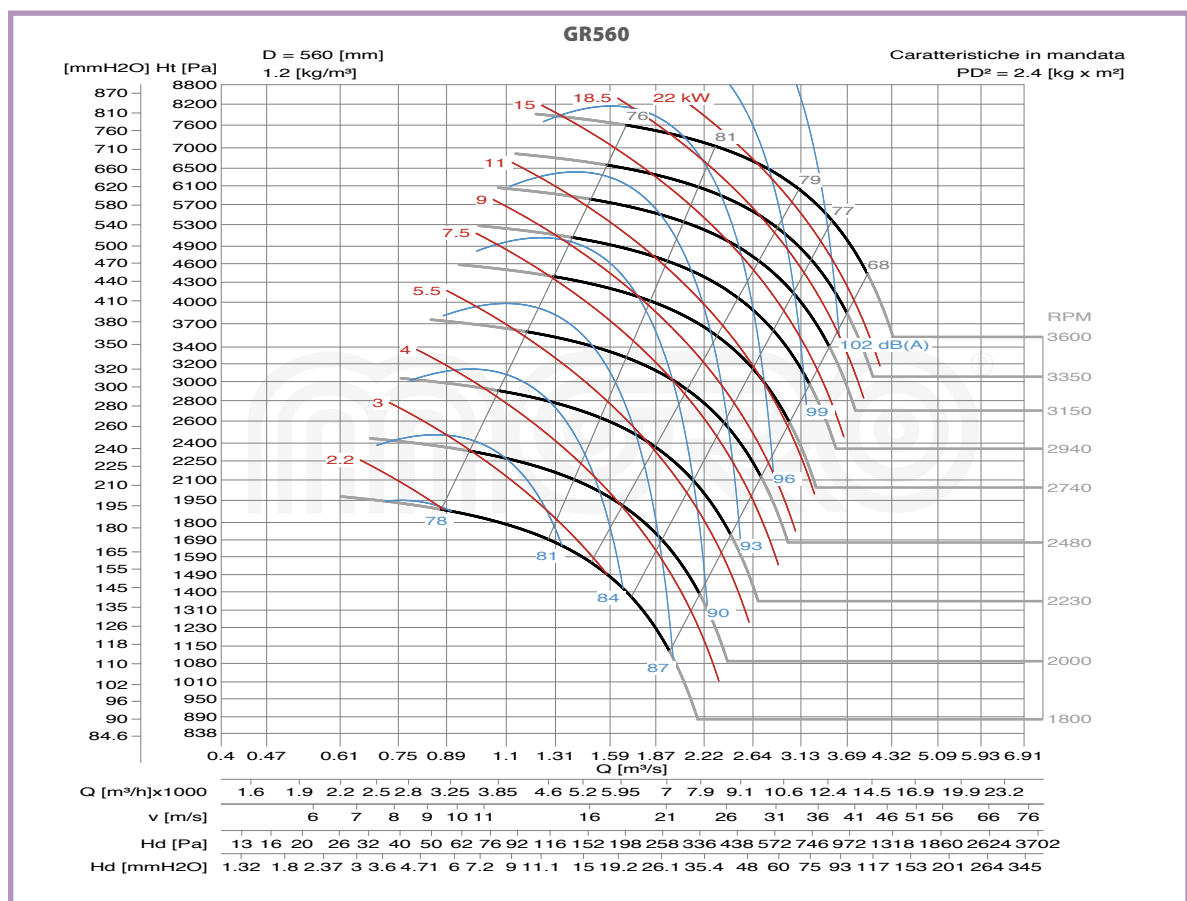
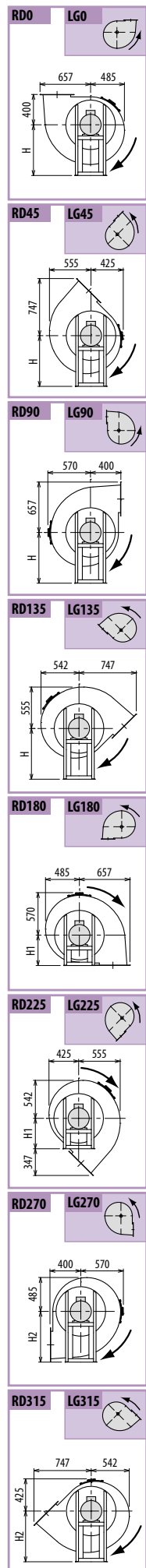
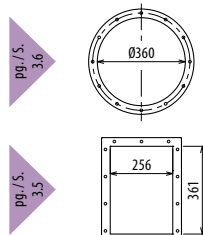
■ The fan is revolvable
 The weight indicated in the table includes motor

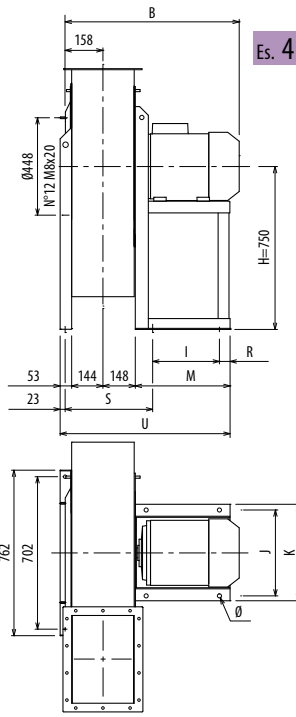
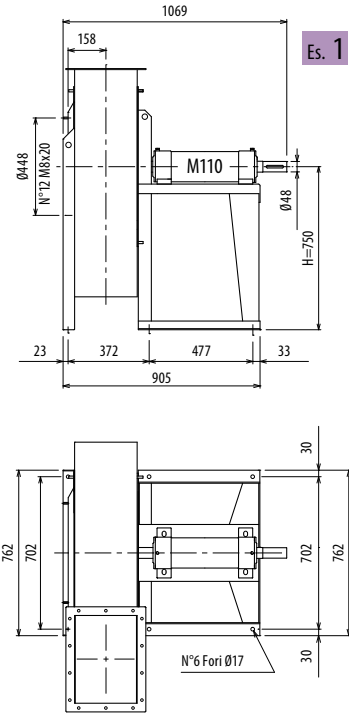
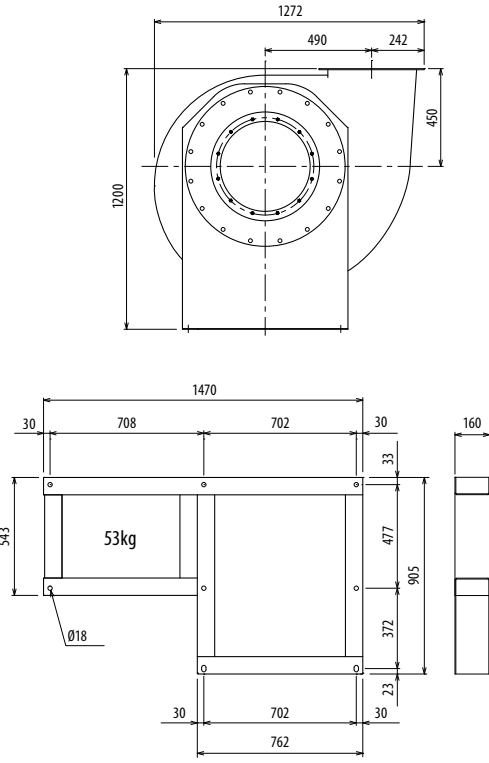
■ Der Ventilator ist drehbar
 Das Gewicht in Tafel schließt den Motor ein

■ El ventilador es orientable
 El peso en la tabla incluye el motor

■ Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²												
GR560/2R	160 M2	227	2,3	792	337	670	400	670	395	440	436	49	340	749	14
GR560/2	160 M2	240	2,4	792	337	670	400	670	395	440	436	49	340	749	14
GR560/4R	90 L4	165	2,1	595	133	670	400	670	234	260	246	58	345	559	10
GR560/4	100 L4	169	2,4	626	197	670	400	670	289	324	276	49	320	589	12
GR560/T		187	2,5			670	400	670							



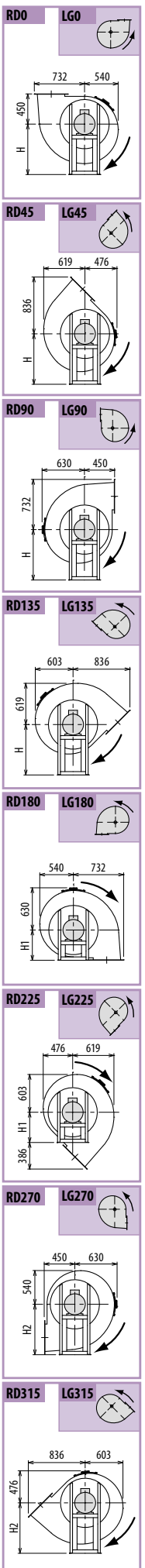
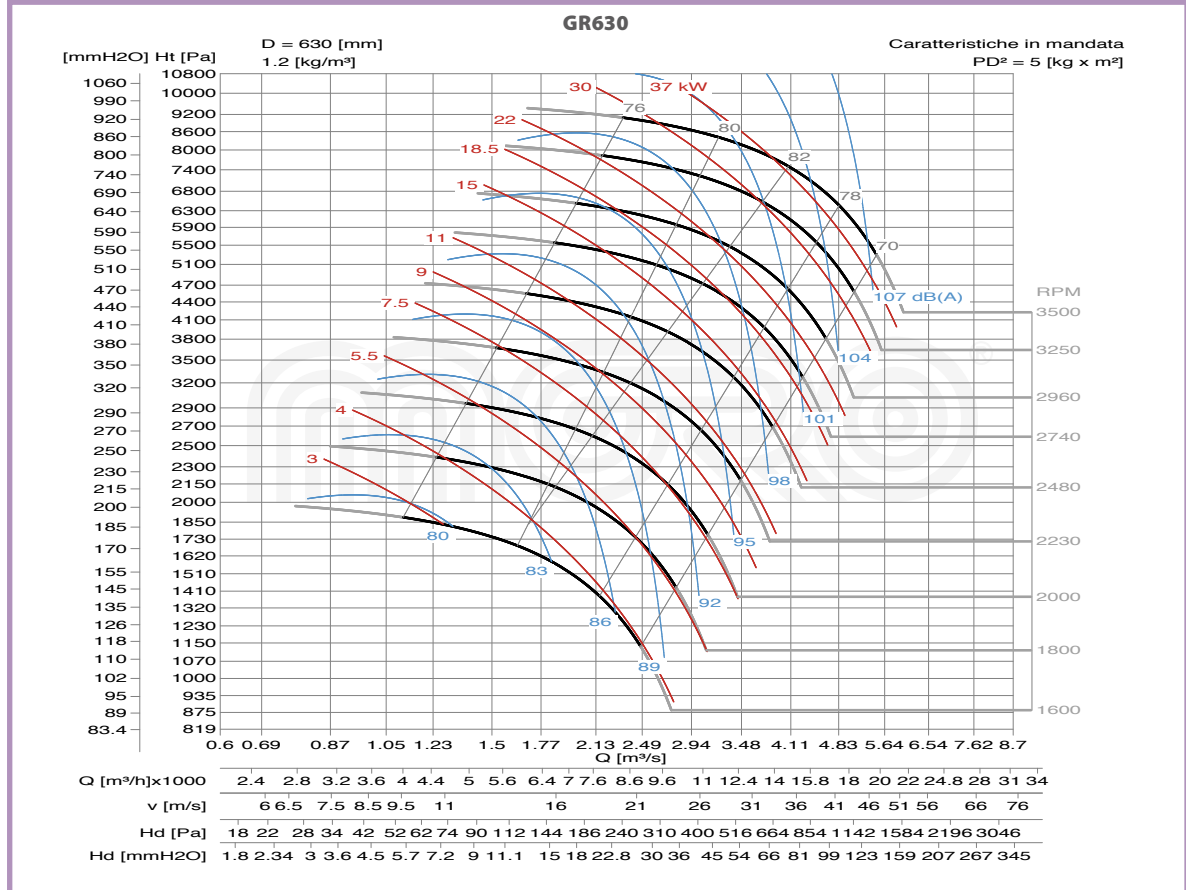
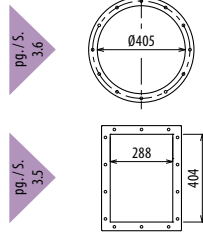
GR

Es. 4

Es. 1


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
 - The fan is revoluble
 - Der Ventilator ist drehbar
 - El ventilador es orientable
- Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Das Gewicht im Tafel schließt den Motor ein El peso en la tabla incluye el motor

 Ulteriori informazioni e quote:
 ■ Ulteriories informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor														
GR630/2R	180 M2	315	4	948	357	750	450	750	434	488	460	33	392	805	18
GR630/2	200 L2	400	4,7	1012	381	750	450	750	506	568	500	39	402	845	20
GR630/4R	100 L4	180	3,9	657	197	750	450	750	289	324	276	49	352	621	12
GR630/4	112 M4	190	4,2	678	197	750	450	750	289	324	276	49	352	621	12
GR630/T		218	5,0			750	450	750							

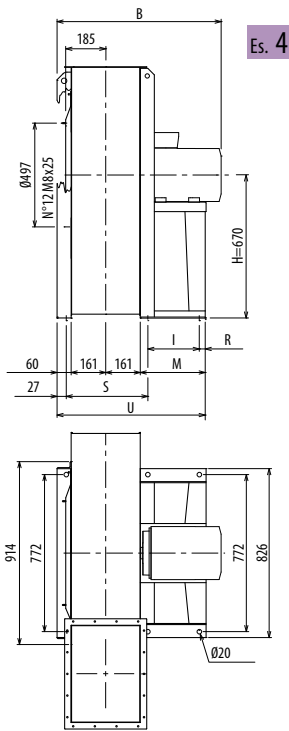


DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

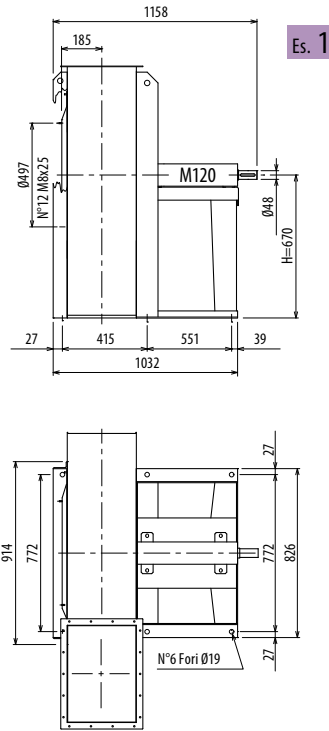
GR710



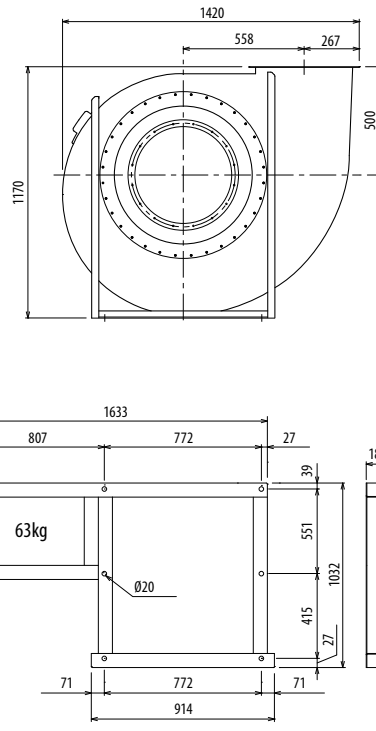
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

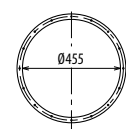
- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

Ulteriori informazioni e quote:

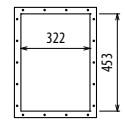
- Ulérieures informations et cotes:
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

TIPO • Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
GR710/2R	200 L2	492	10	1049	401	670	500	850	39	415	500	882
GR710/2	225 M2	602	11	1091	441	670	500	850	39	415	540	922
GR710/4R	112 M4	249	9	715	151	670	500	850	65	415	277	658
GR710/4	132 S4	272	10	755	201	670	500	850	76	415	337	719
GR710/T		336	10			670	500	850				

pg./s. 3.6



pg./s. 3.5



RD0 LG0

RD45 LG45

RD90 LG90

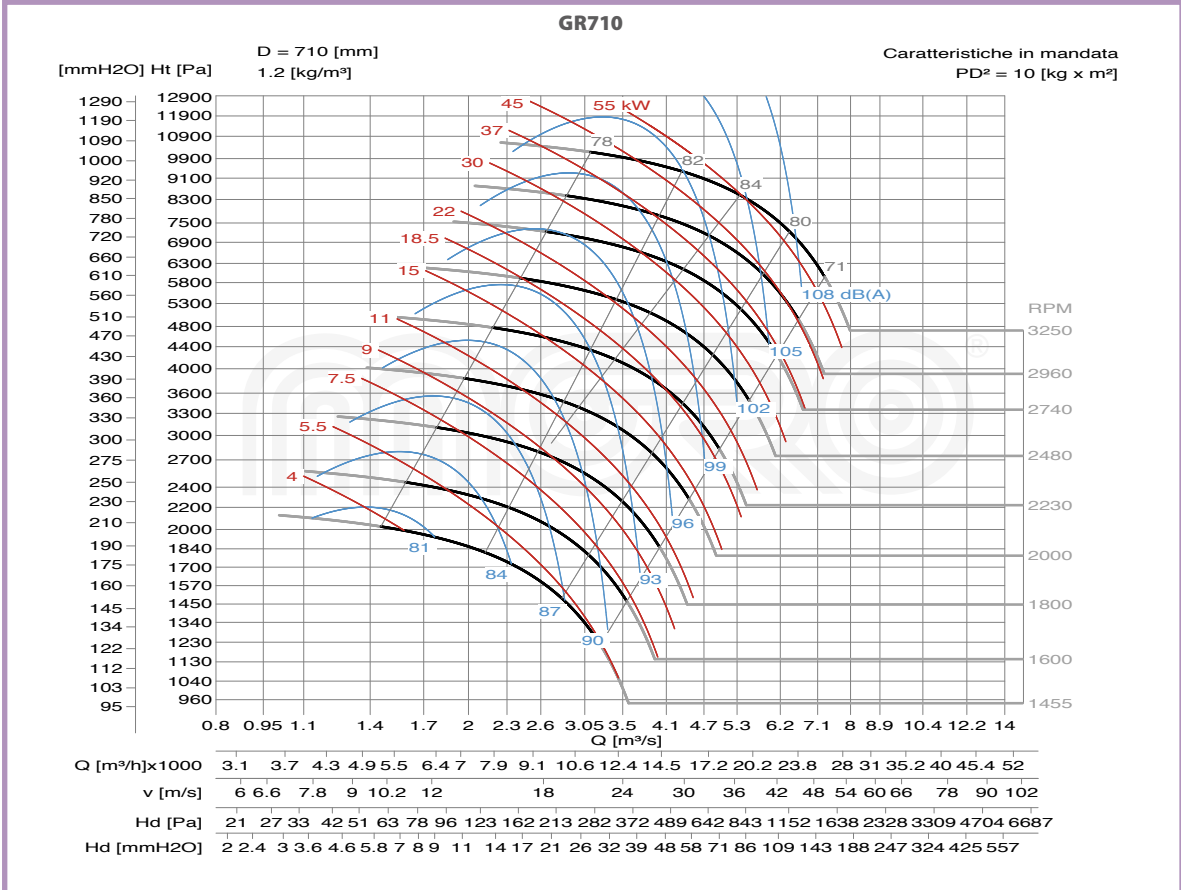
RD135 LG135

RD180 LG180

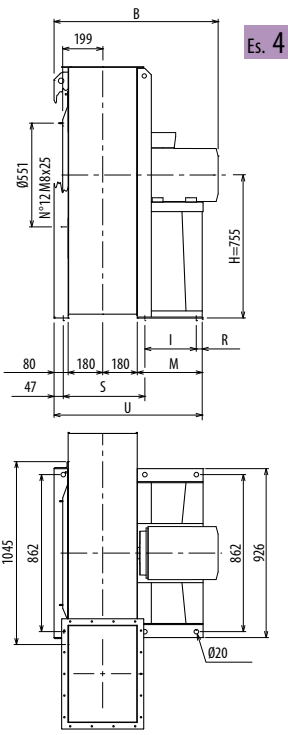
RD225 LG225

RD270 LG270

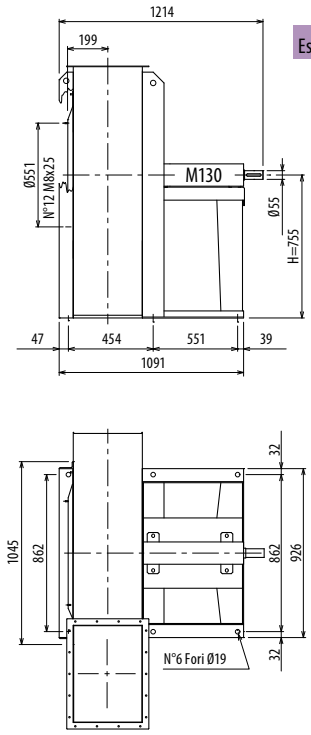
RD315 LG315



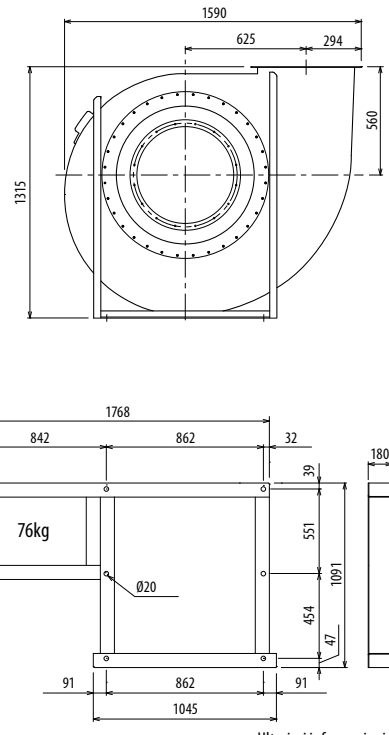
GR



Es. 4



Es. 1



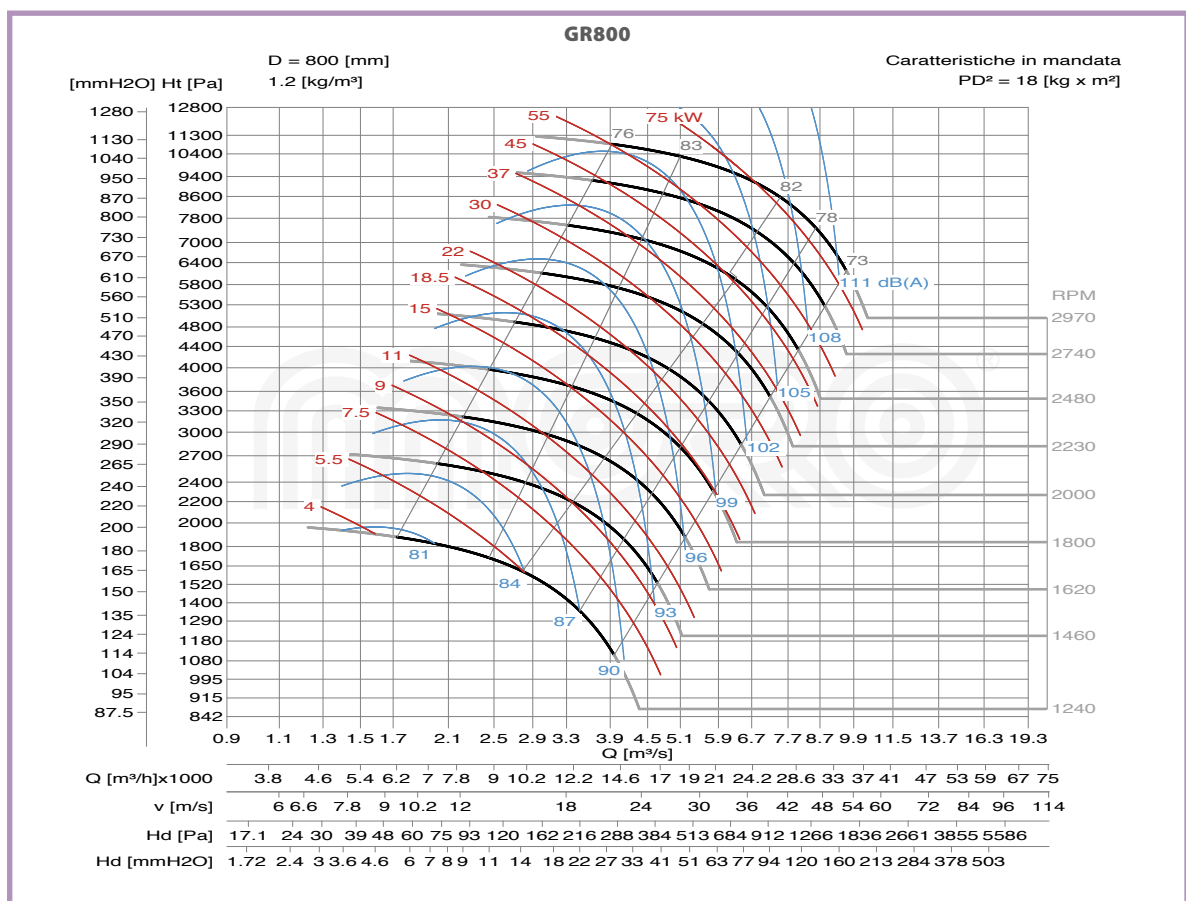
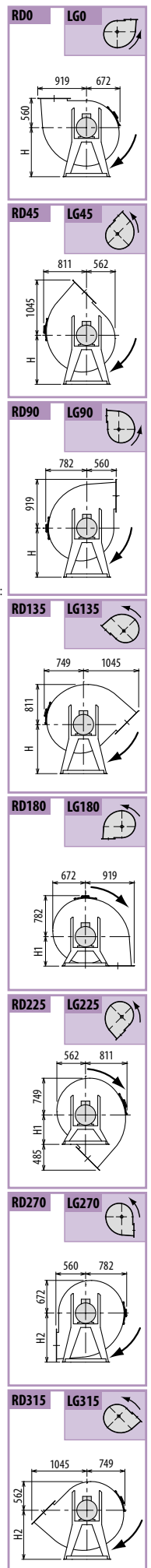
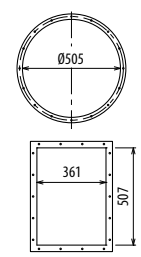
Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor
- Más informaciones y medidas:

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
GR800/2R	280 S2	800	15	1370	591	755	560	950	39	454	690	1131
GR800/2	280 M2	860	17	1370	591	755	560	950	39	454	690	1131
GR800/4R	132 M4	370	14	813	201	755	560	950	75	454	336	777
GR800/4	160 M4	415	16	918	316	755	560	950	60	454	436	877
GR800/T		400	18			755	560	950				

pg. / s. 3.6
 pg. / s. 3.5



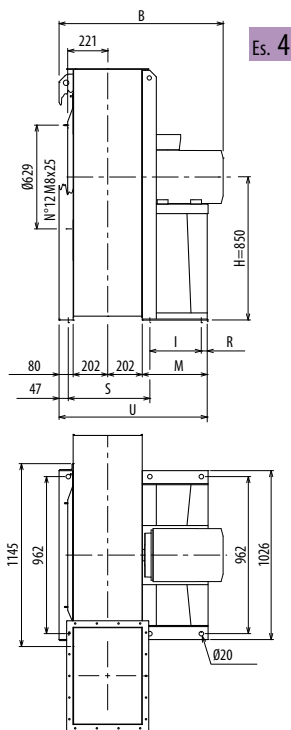
DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

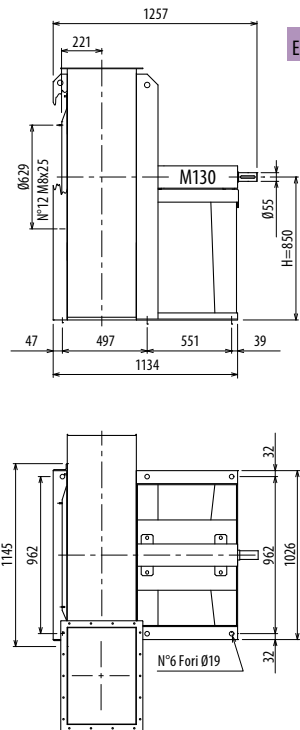
GR900



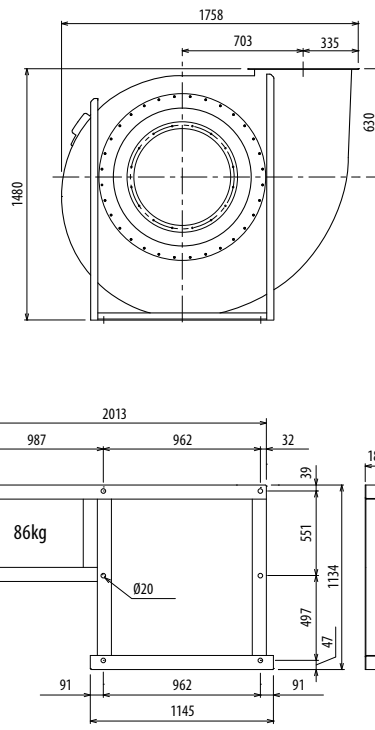
GR



Es. 4



Es. 1



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable
 Le poids dans le tableau inclut le moteur

■ The fan is not revolvable
 The weight indicated in the table includes motor

■ Der Ventilator ist nicht drehbar
 Das Gewicht im Tafel schließt den Motor ein

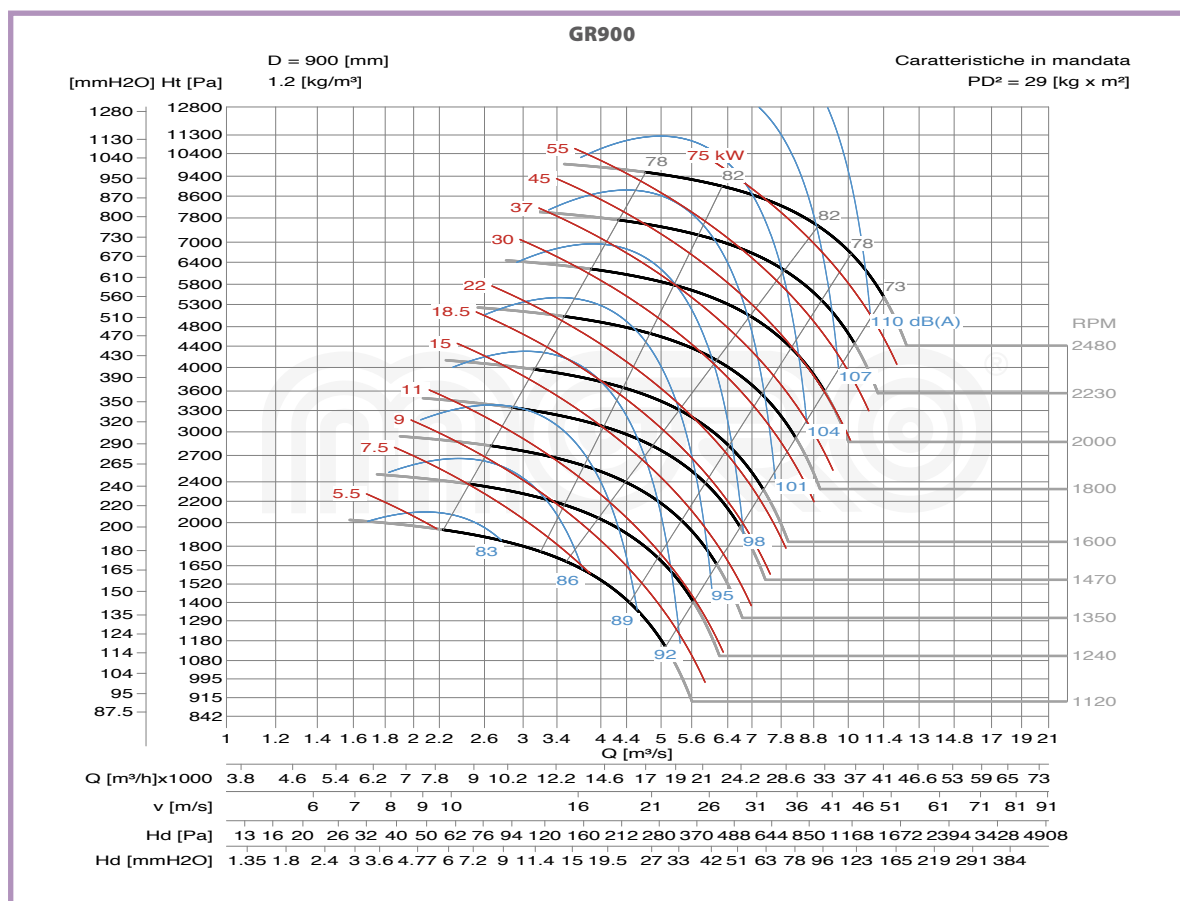
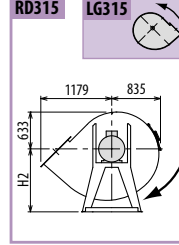
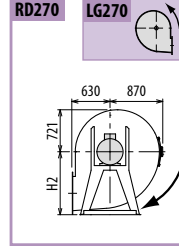
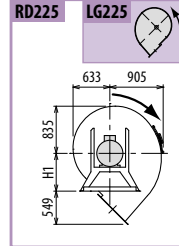
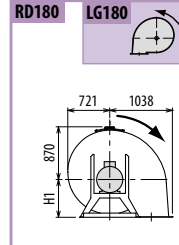
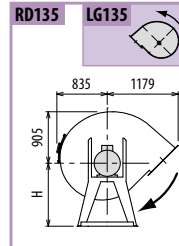
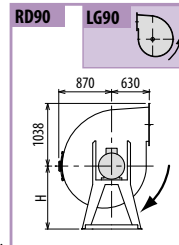
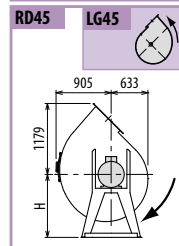
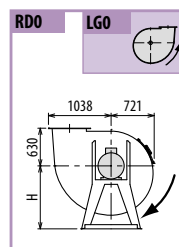
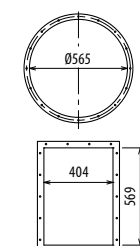
■ El ventilador no es orientable
 El peso en la tabla incluye el motor

Ulteriori informazioni e quote:

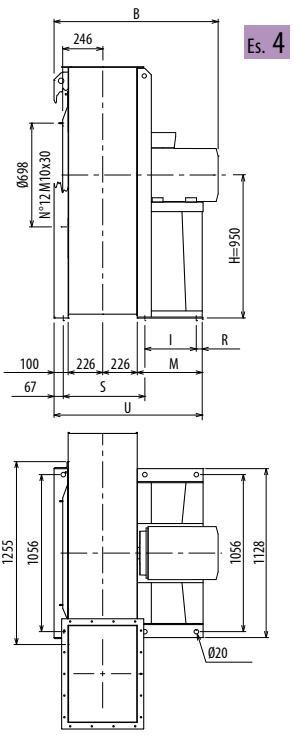
■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight Kg	PD² Kgf x m²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
GR900/2R	315 M2	1065	26	1516	675	850	630	1060	39	497	800	1258
GR900/2	315 M2	1090	29	1516	675	850	630	1060	39	497	800	1258
GR900/4R	160 L4	495	25	962	316	850	630	1060	60	497	436	920
GR900/4	180 L4	576	28	1094	361	850	630	1060	39	497	460	944
GR900/6R	132 M6	441	24	857	201	850	630	1060	75	497	336	820
GR900/6	132 M6	450	27	857	201	850	630	1060	75	497	336	820
GR900/T		489	29			850	630	1060				

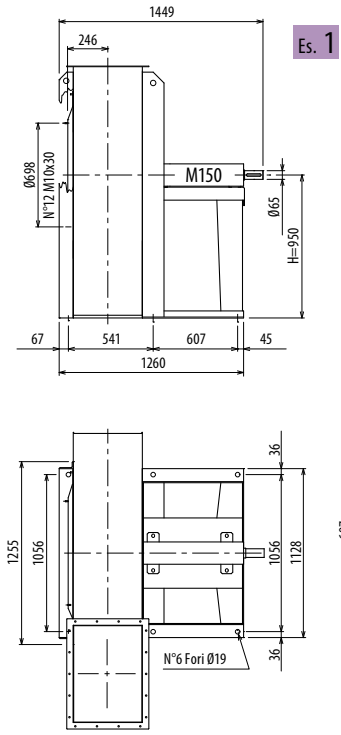
pg. / s. 3.6
 pg. / s. 3.5



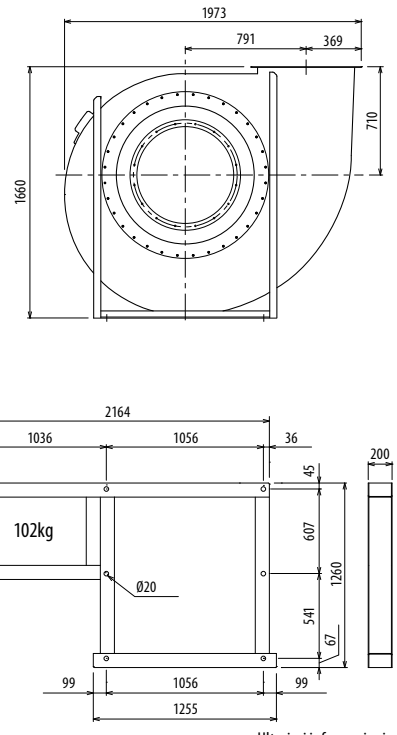
GR



Es. 4



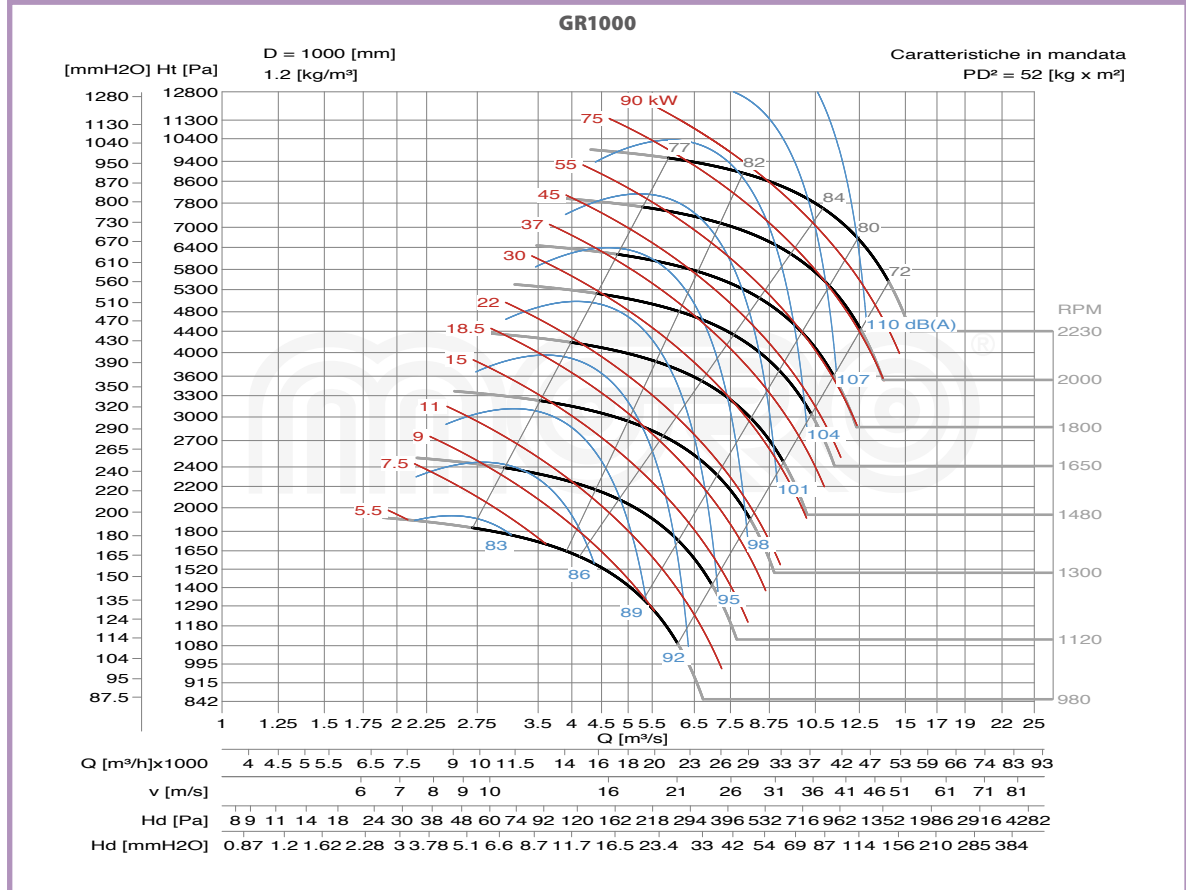
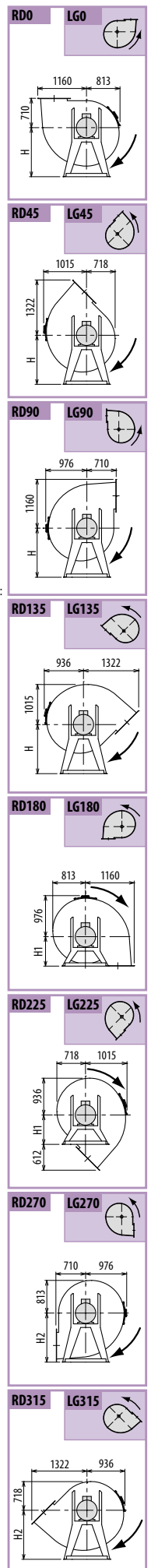
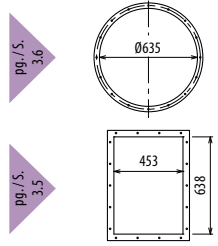
Es. 1



Il ventilatore non è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable
- Le poids dans le tableau inclut le moteur ■ The weight indicated in the table includes motor ■ Das Gewicht im Tafel schließt den Motor ein ■ El peso en la tabla incluye el motor
- Ulteriori informazioni e quote: ■ Further information and sizes: ■ Weitere Infos und Größen: ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U		
GR1000/4R	200 L4	794	47	1219	400	950	710	1180	45	541	500	1053		
GR1000/4	225 S4	893	52	1252	440	950	710	1180	45	541	540	1093		
GR1000/6R	160 M6	613	46	1030	315	950	710	1180	66	541	436	989		
GR1000/6	160 L6	626	51	1030	315	950	710	1180	66	541	436	989		
GR1000/T		694	52			950	710	1180						

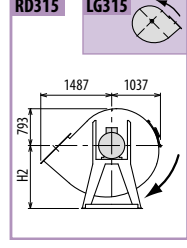
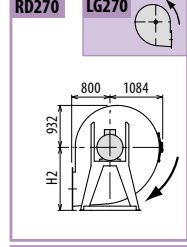
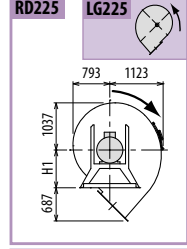
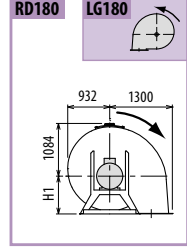
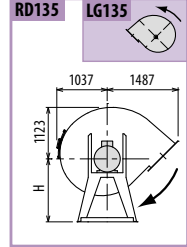
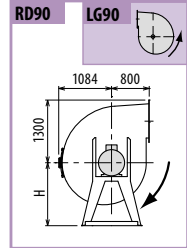
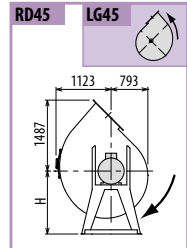
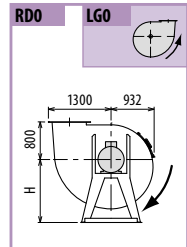
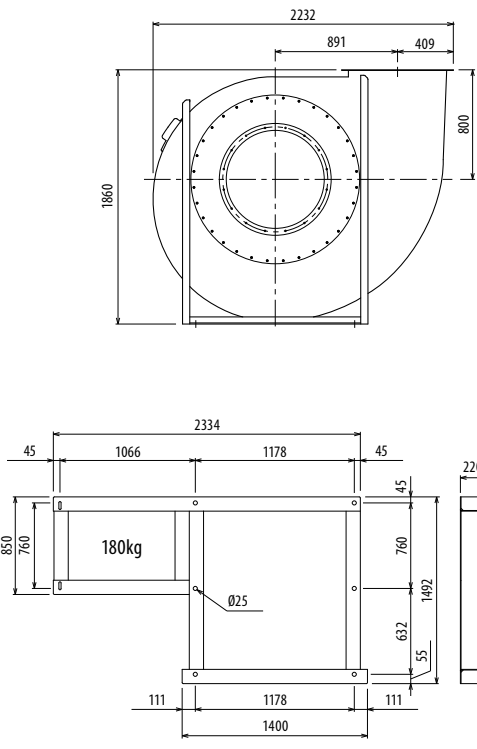
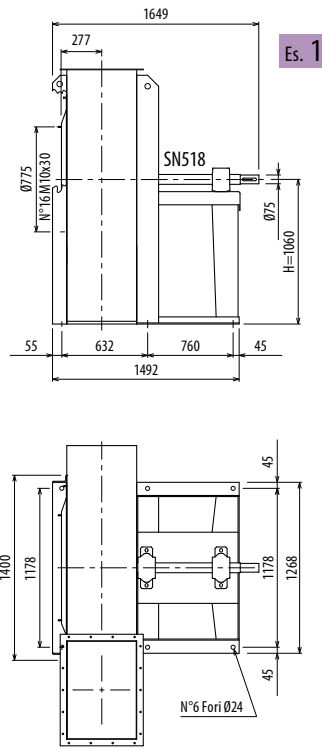
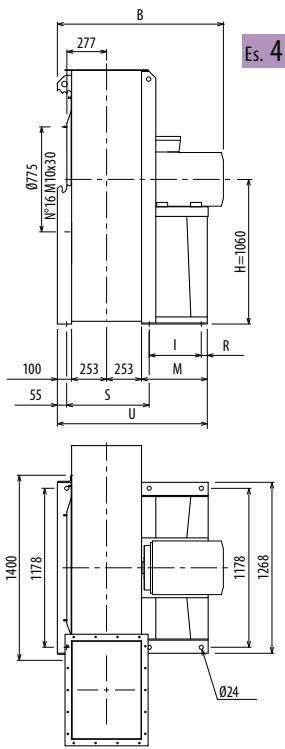


DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

GR1120



■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable
 Le poids dans le tableau inclut le moteur

■ The fan is not revolvable
 The weight indicated in the table includes motor

■ Der Ventilator ist nicht drehbar
 Gewichtsangabe in Tabelle inkl. Motor

■ El ventilador no es orientable
 El peso en la tabla incluye el motor

Ulteriori informazioni e quote:

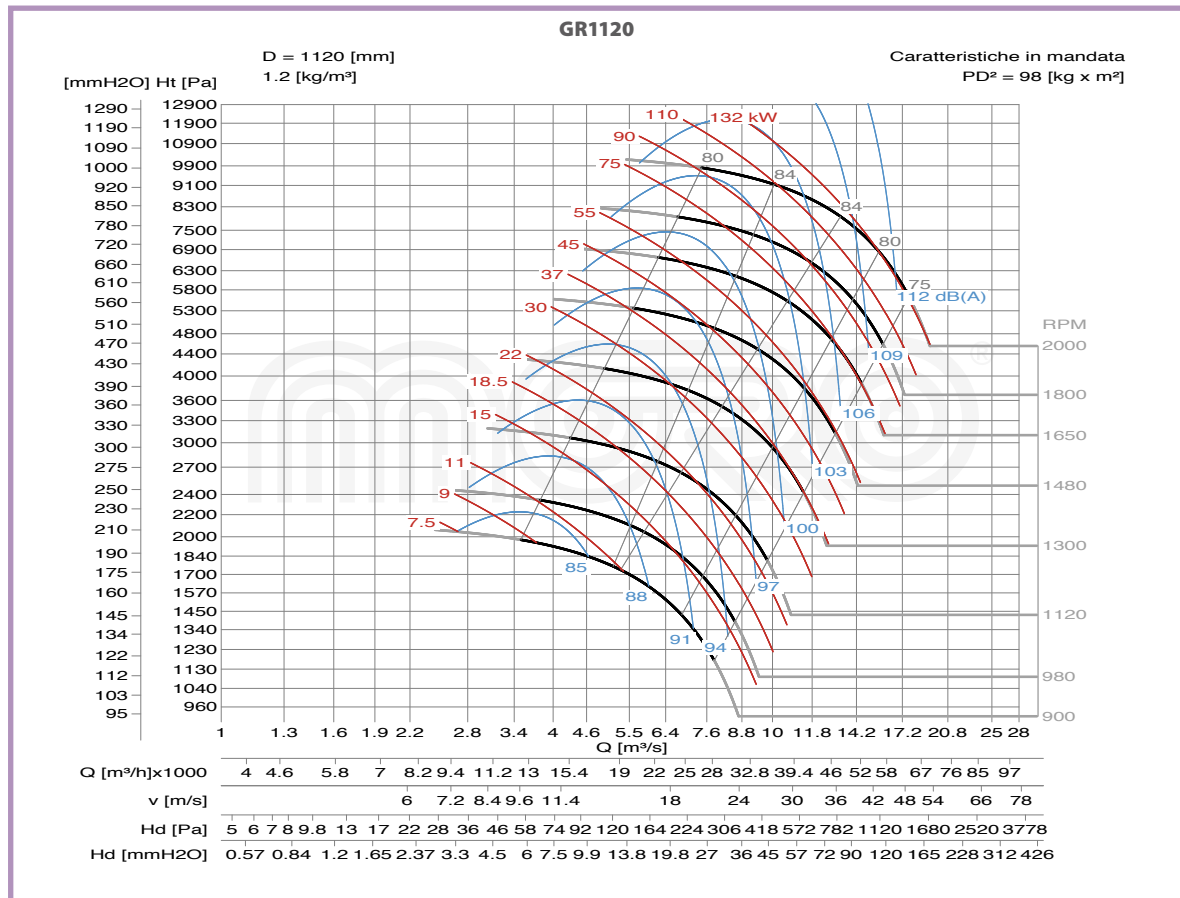
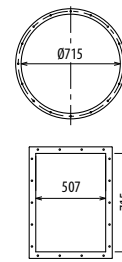
■ Ulérieures informations et cotes:

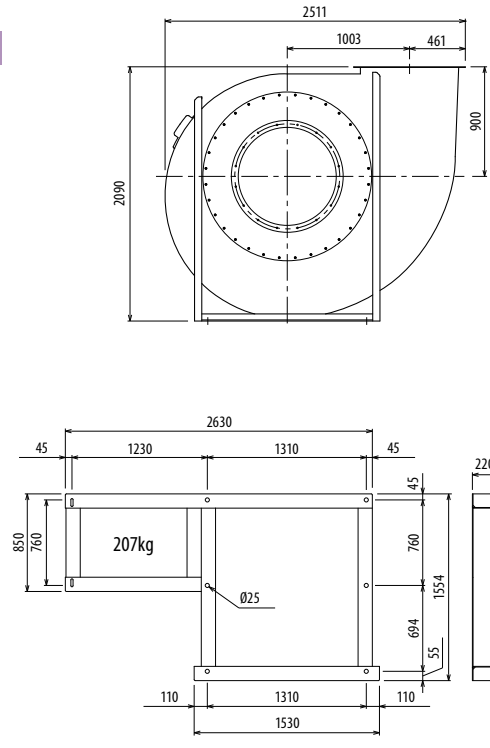
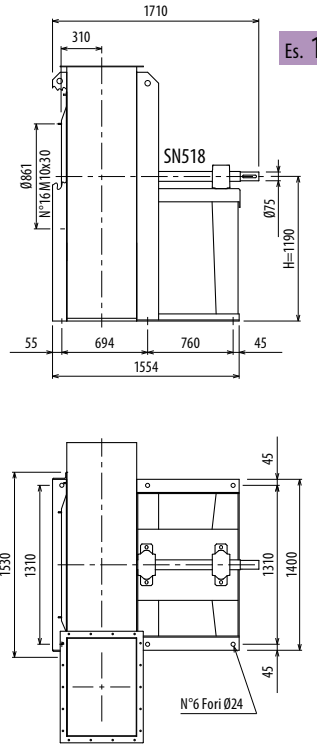
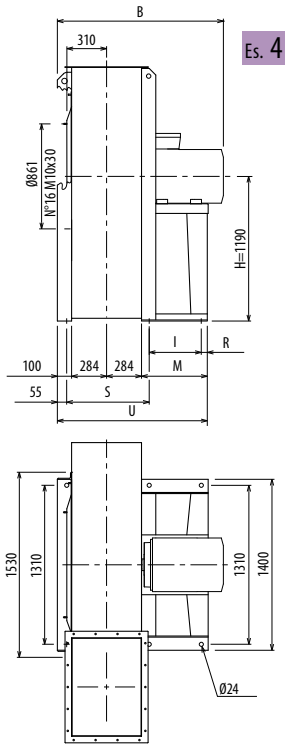
■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		MOTORE Motor	PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan													
GR1120/4R	225 M4	1032	90	1315	415	1060	800	1320	45	632	540	1147	
GR1120/4	250 M4	1132	97	1423	475	1060	800	1320	45	632	600	1207	
GR1120/6R	180 L6	836	88	1216	335	1060	800	1320	45	632	460	1067	
GR1120/6	200 L6	861	96	1273	375	1060	800	1320	45	632	500	1107	
GR1120/T		945	98			1060	800	1320					

pg. / s.
3.6

pg. / s.
3.5





Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

 ■ Le ventilateur n'est pas orientable
 ■ Le poids dans le tableau inclut le moteur

 ■ The fan is not revolvable
 ■ The weight indicated in the table includes motor

 ■ Der Ventilator ist nicht drehbar
 ■ Gewichtsangabe in Tabelle inkl. Motor

 ■ El ventilador no es orientable
 ■ El peso en la tabla incluye el motor

Ulteriori informazioni e quote:

■ Ulérieures informations et cotes:

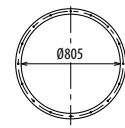
■ Further information and sizes:

■ Weitere Infos und Größen:

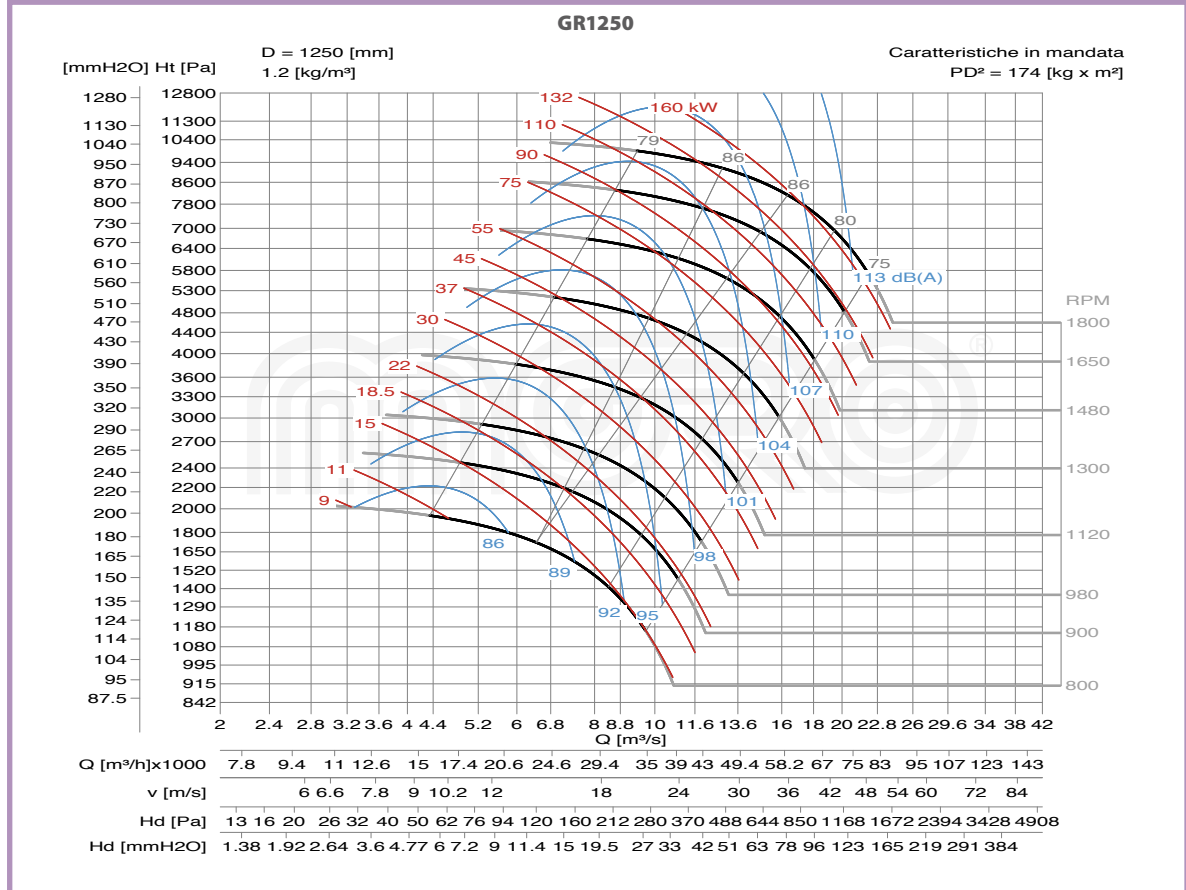
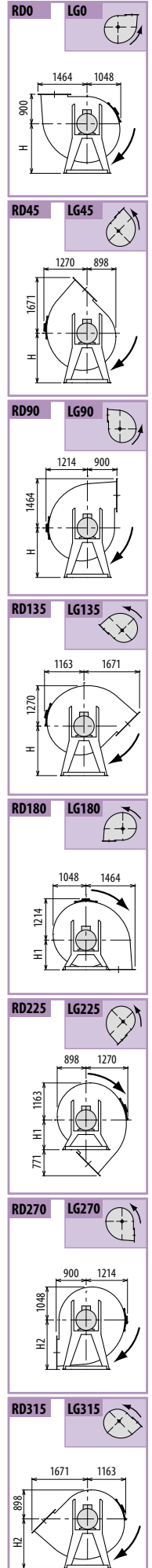
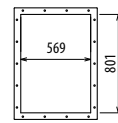
■ Más informaciones y medidas:

TIPO • Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
GR1250/4R	280 S4	1442	154	1488	565	1190	900	1500	45	694	690	1359
GR1250/4	315 S4	1770	172	1700	675	1190	900	1500	45	694	800	1469
GR1250/6R	200 L6	900	152	1335	375	1190	900	1500	45	694	500	1169
GR1250/6	225 M6	1287	170	1377	415	1190	900	1500	45	694	540	1209
GR1250/T		1147	174			1190	900	1500				

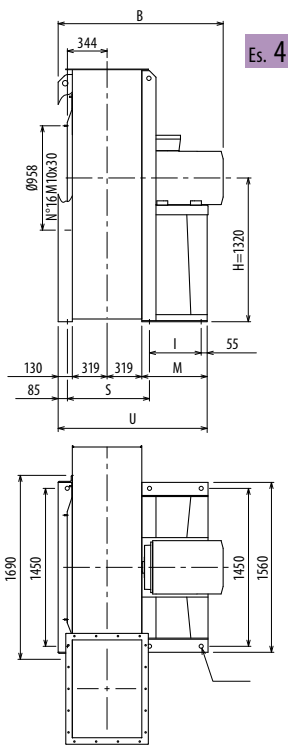
pg. / s. 3.6



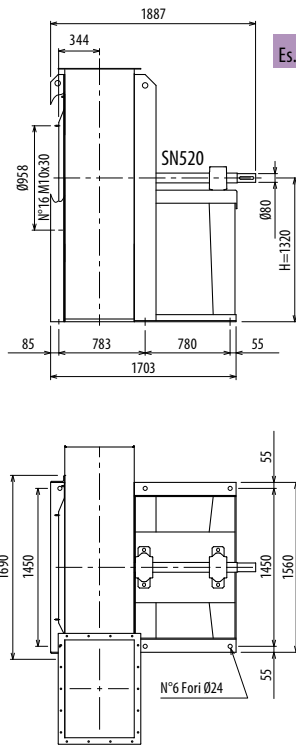
pg. / s. 3.5



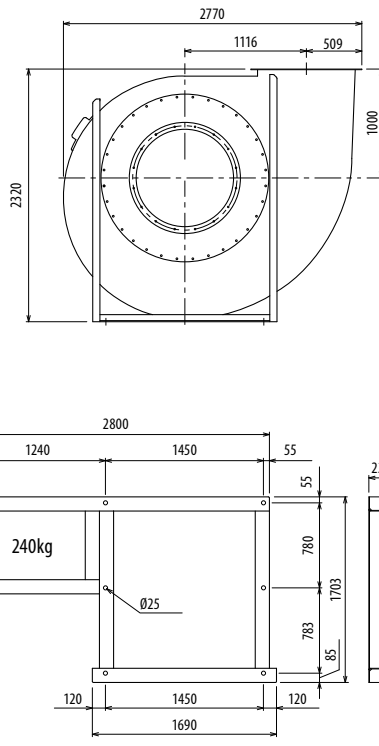
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable
 Le poids dans le tableau inclut le moteur

■ The fan is not revolvable
 The weight indicated in the table includes motor

■ Der Ventilator ist nicht drehbar
 Das Gewicht im Tafel schließt den Motor ein

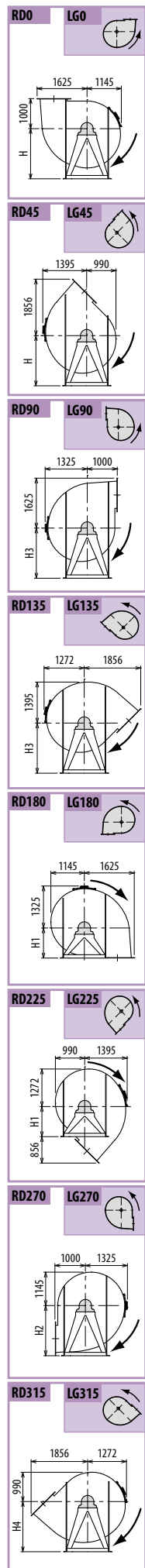
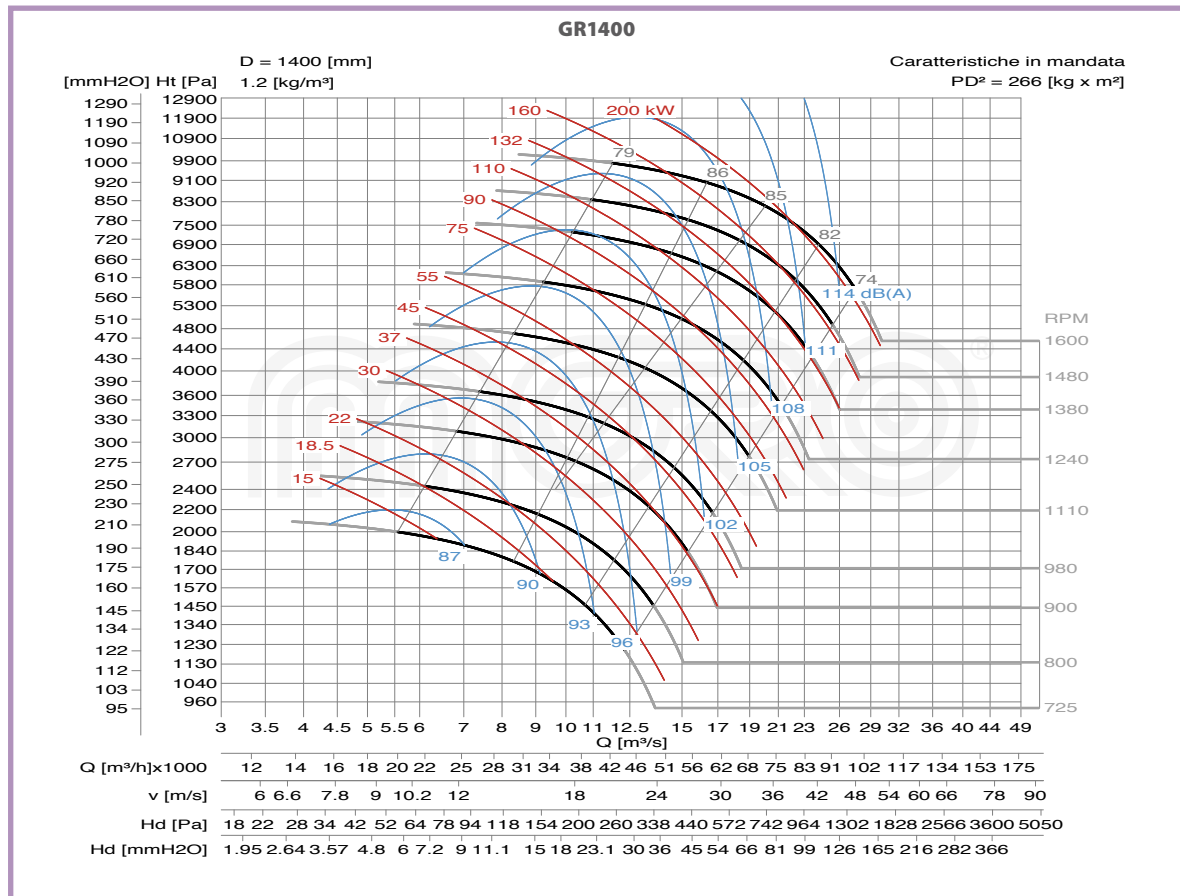
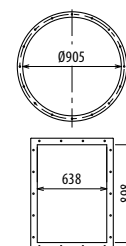
■ El ventilador no es orientable
 El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

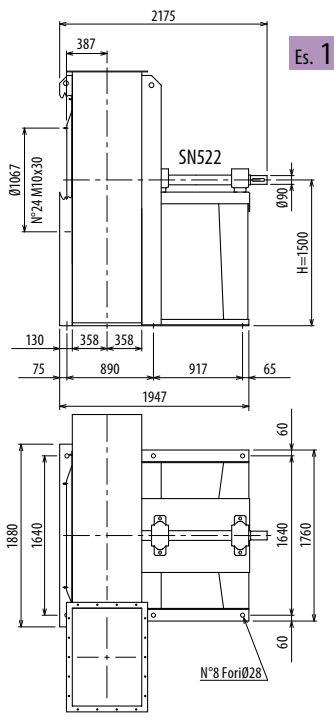
TIPO - Type		PESO Weight	PD ²										
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	M	S	U
GR1400/4R	315 M4	2340	242	1890	645	1320	1000	1700	1320	1700	800	783	1568
GR1400/4	315 M4	2345	264	1890	645	1320	1000	1700	1320	1700	800	783	1568
GR1400/6R	250 M6	1819	241	1585	475	1320	1000	1700	1320	1700	600	753	1368
GR1400/6	280 M6	2058	262	1600	535	1320	1000	1700	1320	1700	690	783	1458
GR1400/T		1628	266			1320	1000	1700	1120	1500			

pg. / s. 3, 6

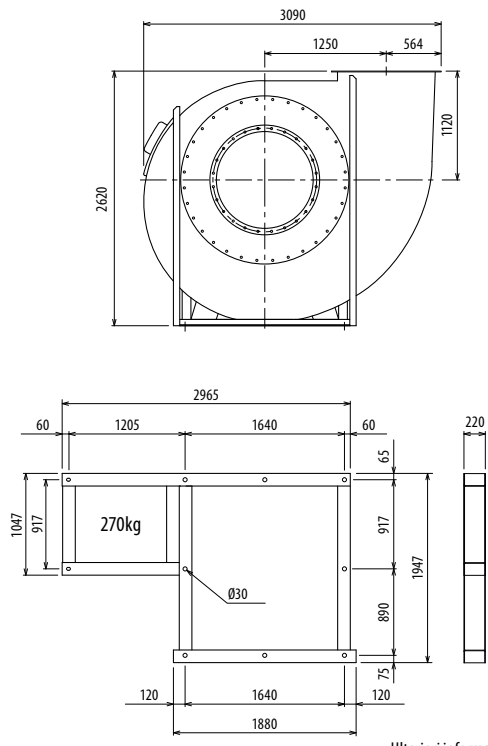
pg. / s. 3, 5



GR



Es. 1



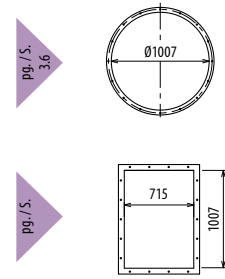
Il ventilatore non è orientabile

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable

Ulteriori informazioni e quote:

- Ulérieures informations et cotes:
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

TIPO - Type		PESO Weight	PD²								
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m²	B	I	H	H1	H2	H3	H4	M
GR1600/T		1888	473			1500	1120	1900	1250	1600	



RD0 LG0

RD45 LG45

RD90 LG90

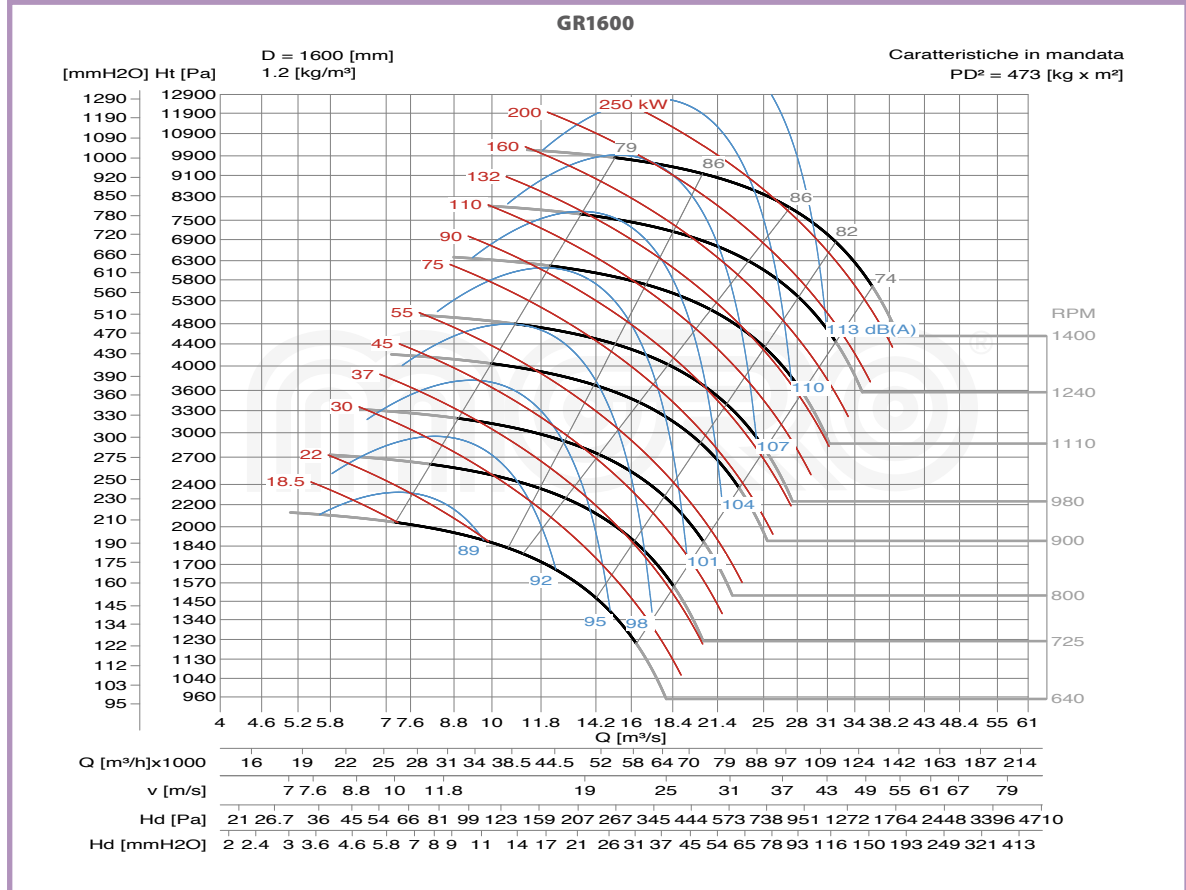
RD135 LG135

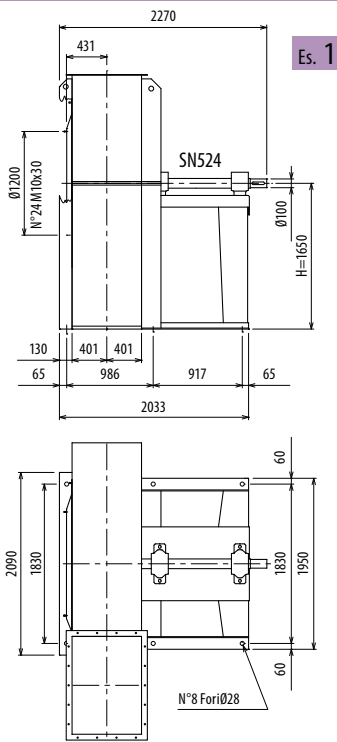
RD180 LG180

RD225 LG225

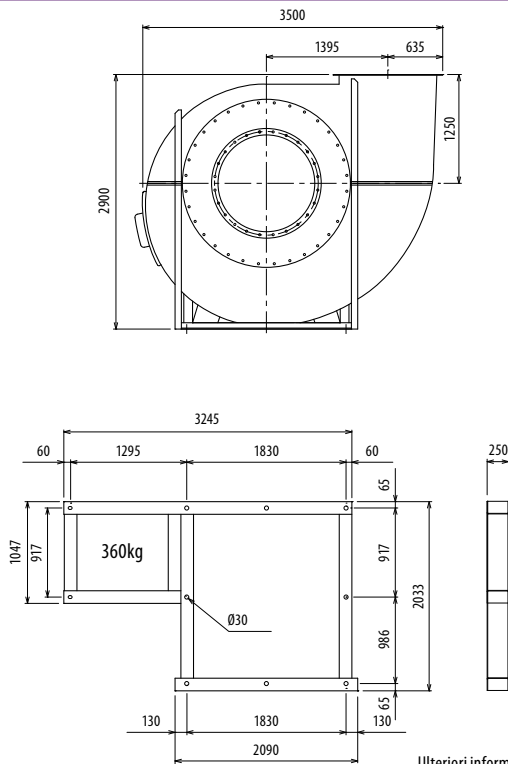
RD270 LG270

RD315 LG315





Es. 1



Il ventilatore non è orientabile

Le ventilateur n'est pas orientable

The fan is not revolvable

Der Ventilator ist nicht drehbar

El ventilador no es orientable

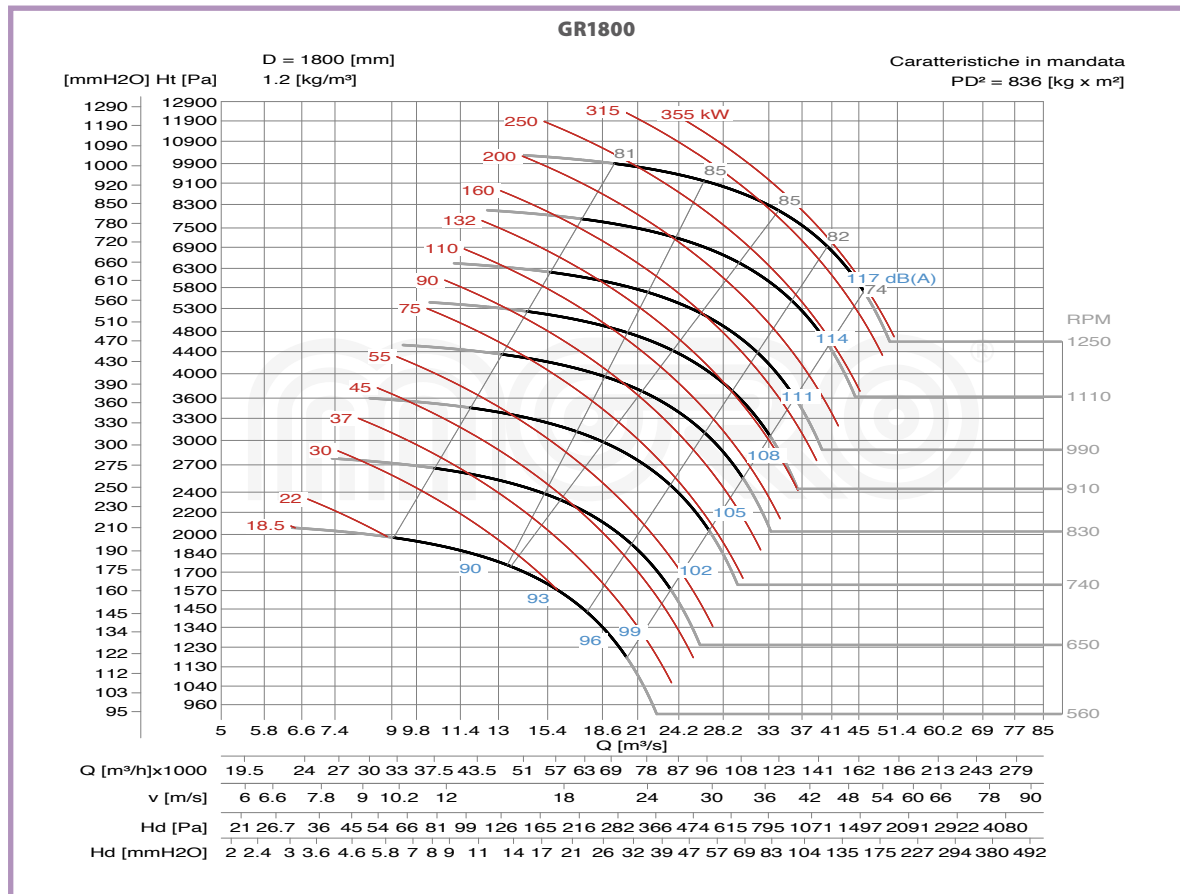
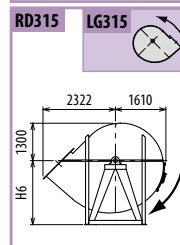
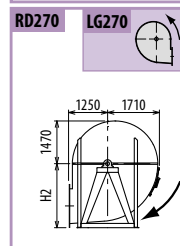
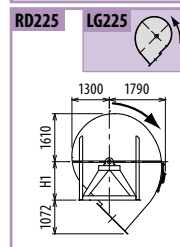
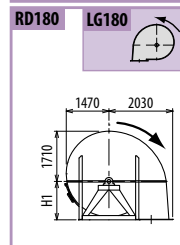
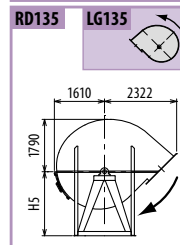
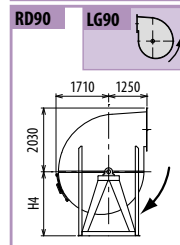
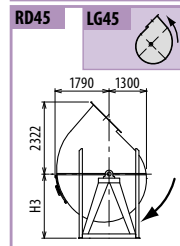
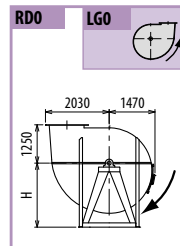
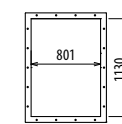
TIPO - Type		PESO Weight	PD ²									
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	H5	H6
GR1800/T		2670	836			1650	1250	2120	1570	1400	1320	1800

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

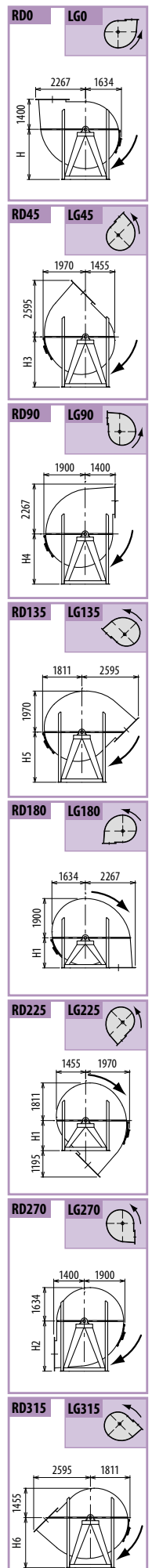
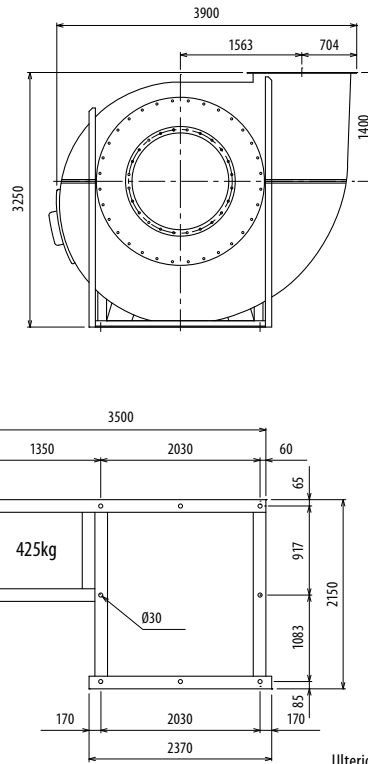
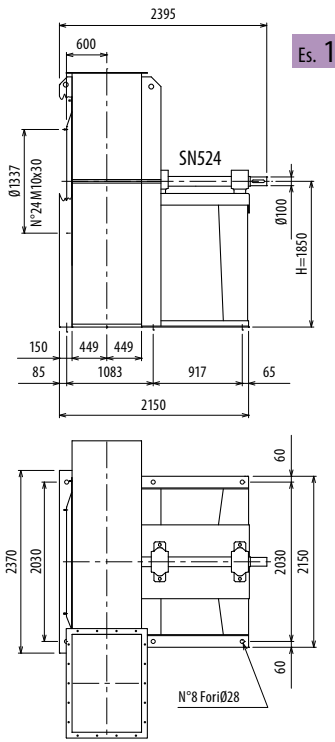
pg. / s. 4.6



pg. / s. 4.5



GR

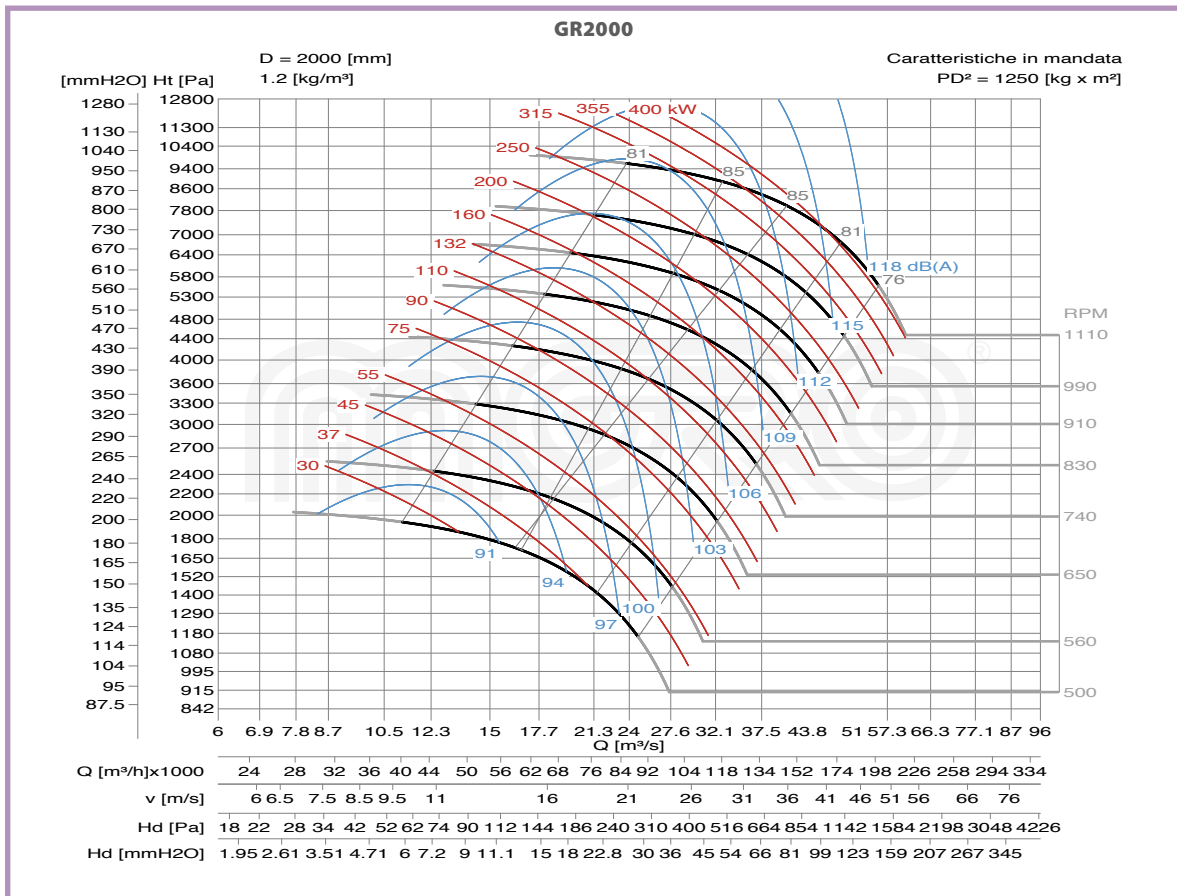
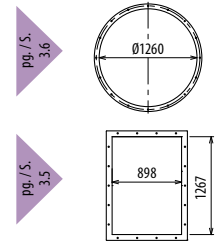


Il ventilatore non è orientabile

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable

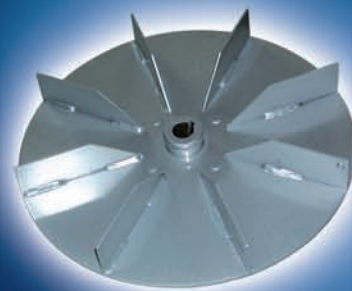
Ulteriori informazioni e quote:
 ■ Ulteriori informazioni e cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	H3	H4	H5	H6		
VENTILATORE Fan	MOTORE Motor													
GR2000/T		3600	1250			1850	1400	2360	1750	1600	1450	2000		

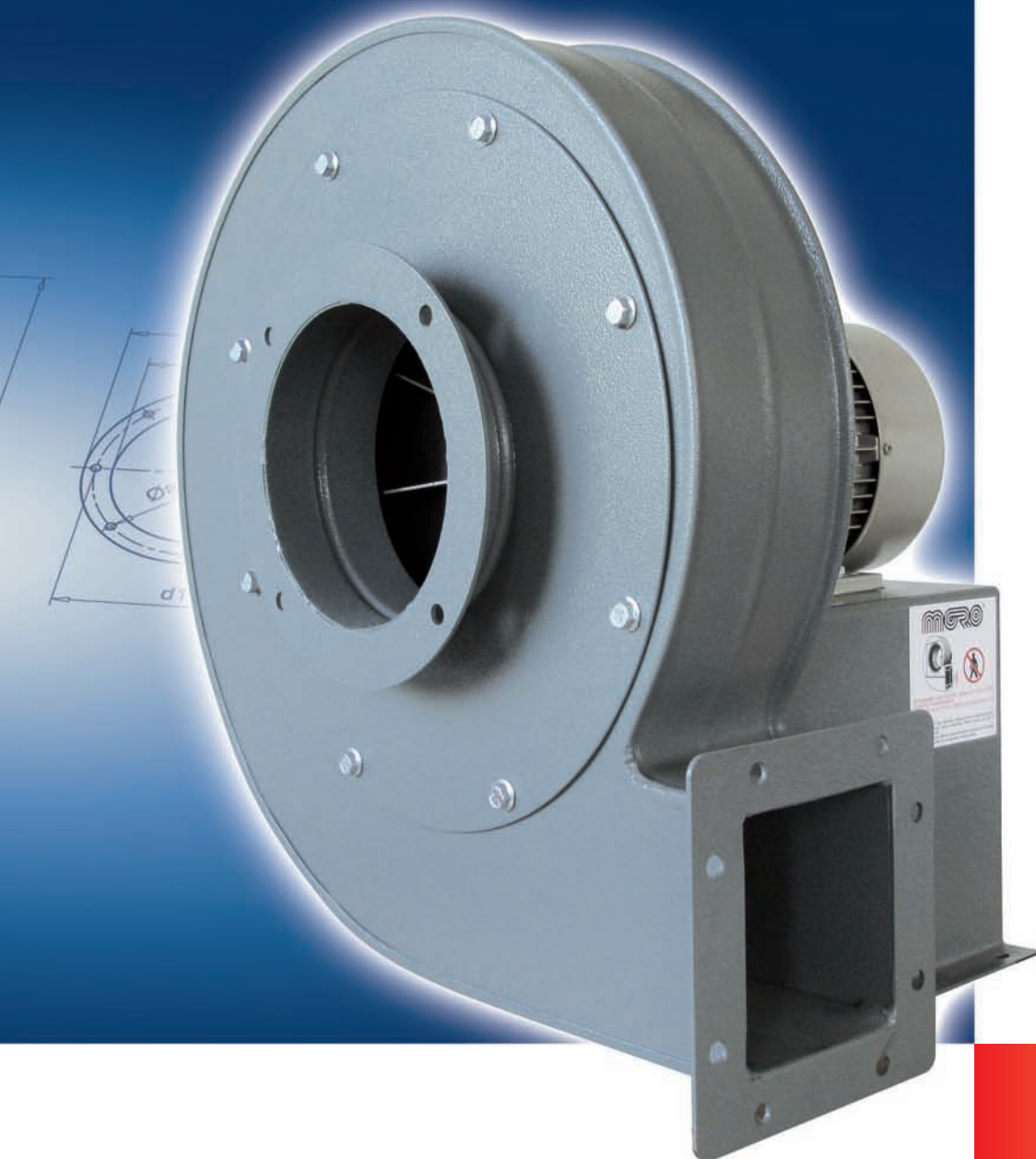


MA

ASPIRATORE VENTILATORE CENTRIFUGO
CENTRIFUGAL FAN



GIRANTE A PALE RADIALI
RADIAL BLADES IMPELLER



ALTA PRESSIONE
HIGH PRESSURE

Portata/Flow rate:
200 ÷ 10000 m³/h

Pressione/Pressure:
80 ÷ 700 mm H₂O





MA

ASPIRATORE VENTILATORE CENTRIFUGO CENTRIFUGAL FAN



I ventilatori della serie MA sono indicati per bruciatori per combustibili liquidi, nei trasporti pneumatici ed in tutti i campi in cui siano necessarie portate relativamente piccole con pressioni elevate. L'esecuzione standard prevede l'utilizzo di coclee in lamiera di acciaio con profili bordati, telaio di base in acciaio verniciato, giranti a pale radiali in acciaio al carbonio verniciate e l'installazione di motori elettrici a 2 poli.

I fluidi trasportati possono raggiungere una temperatura massima di 80°C in esecuzione standard; nel caso di esecuzioni speciali, sono ammessi valori massimi di 180°C. A richiesta sono disponibili esecuzioni in acciaio inossidabile; i ventilatori della serie MA sono fornibili anche in conformità alla direttiva ATEX (94/9/CE).

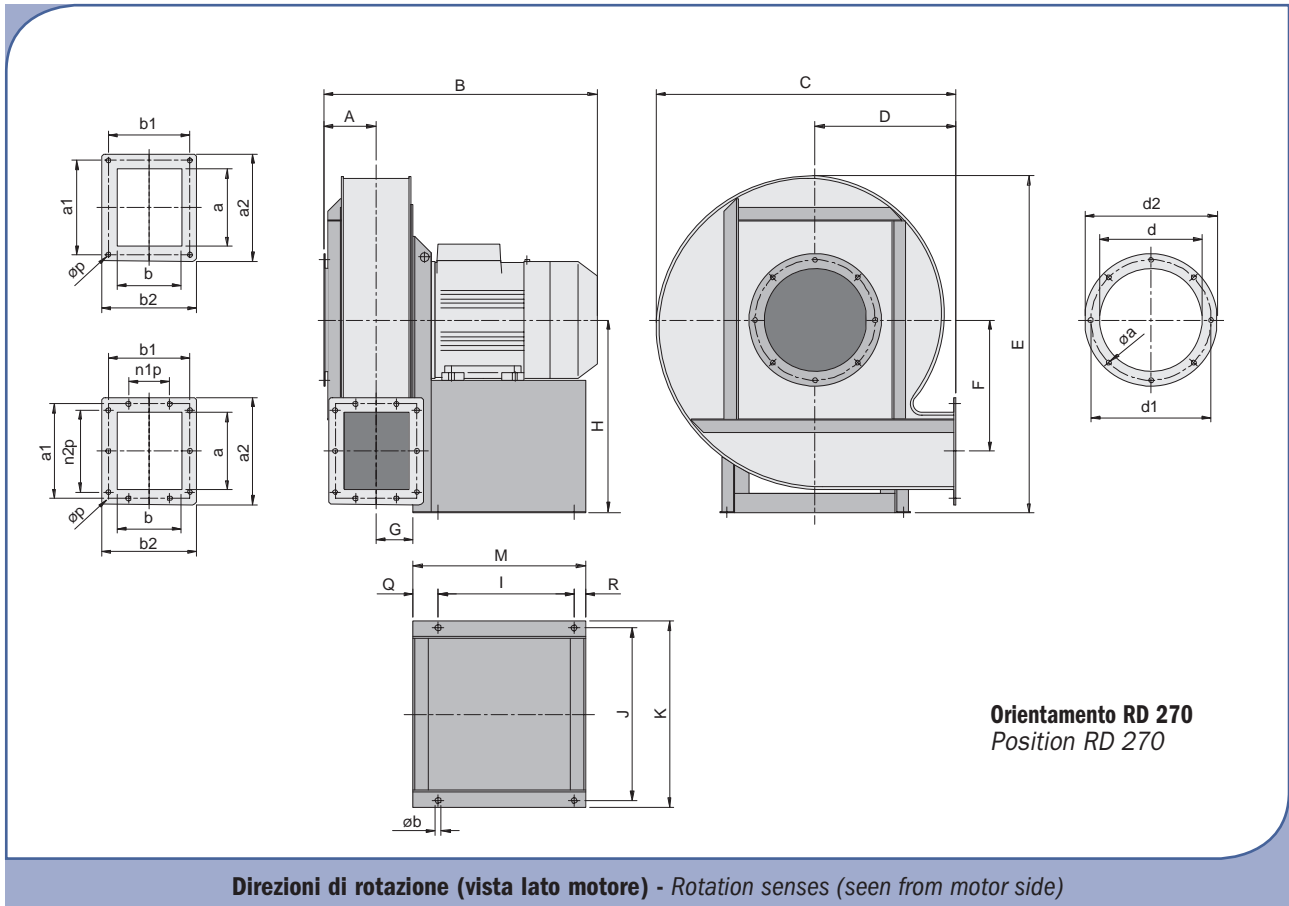
MA series blower are suitable for liquid fuels burners, pneumatic conveyor systems and for all applications requiring quite small flow rates with high pressures.

Standard execution blowers are provided with edged steel sheets casings, carbon steel base frames, radial blades painted impellers and 2 poles electrical motors.

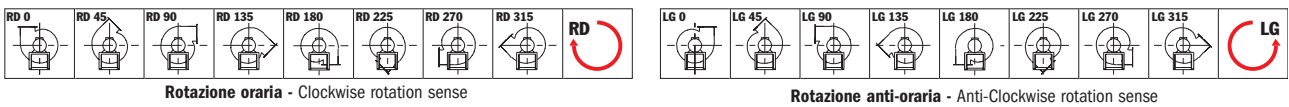
Transported fluids can reach maximum temperature of 80°C for standard execution; for special executions maximum values of 180°C are allowed. On demand, special stainless steel execution are available; MA blowers are available also according to ATEX directive (94/9/CE).



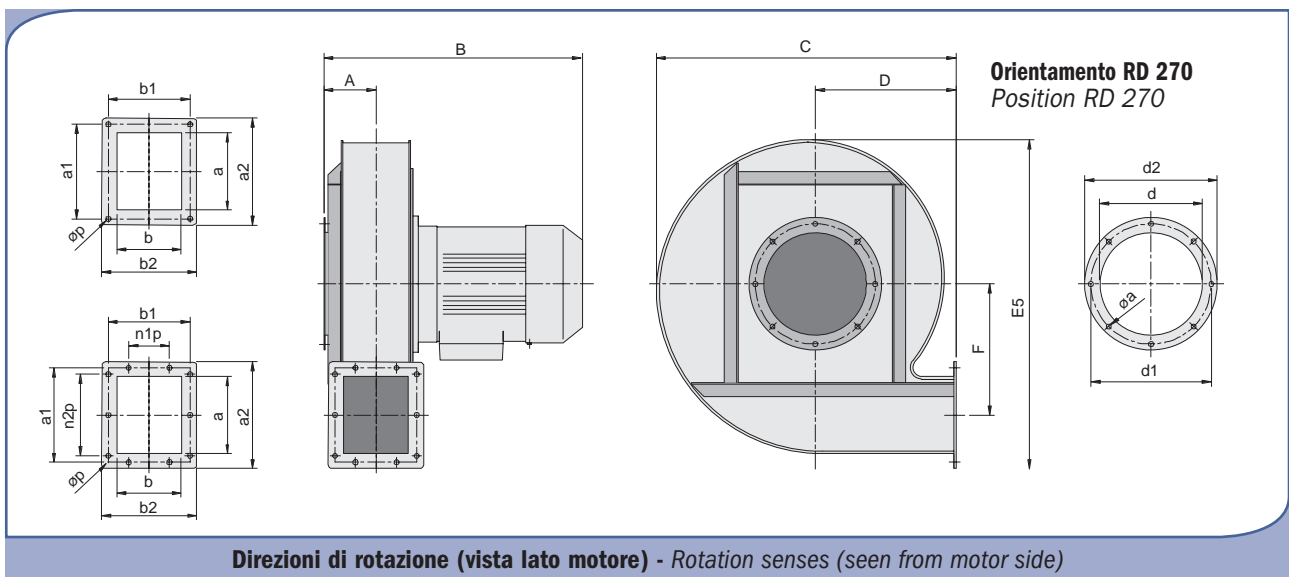
Esecuzione 4 (con basamento) - Arrangement 4 (with base frame)



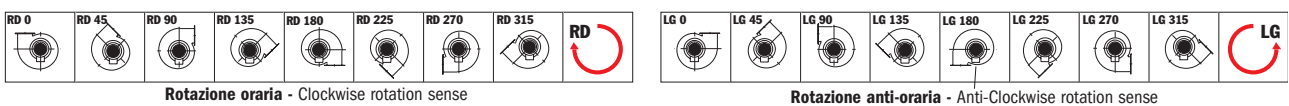
Direzioni di rotazione (vista lato motore) - Rotation senses (seen from motor side)



Esecuzione 5 - Arrangement 5



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



DIMENSIONI D'INGOMBRO

OVERALL DIMENSIONS



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

Nota: Quota B indicativa - Note: B quote indicative

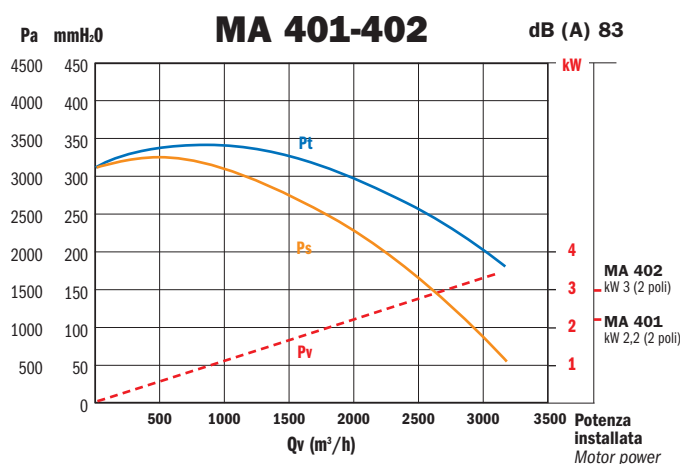
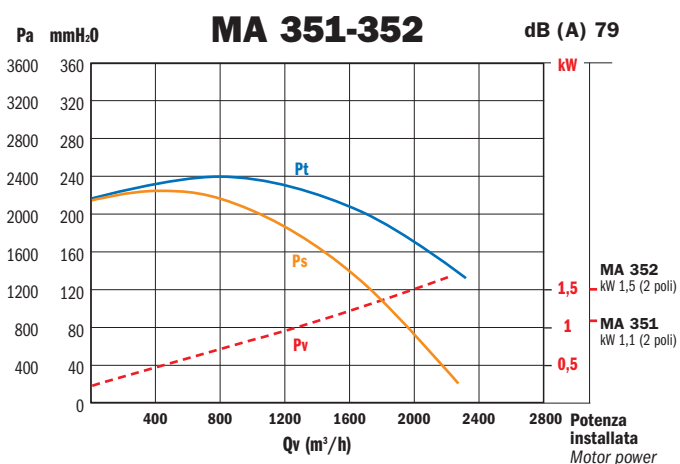
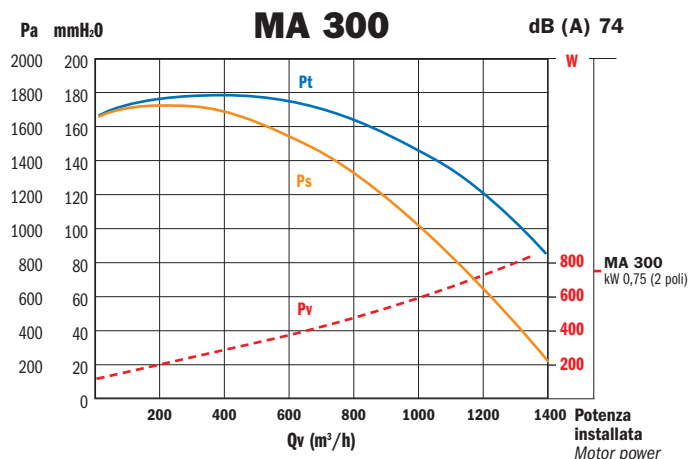
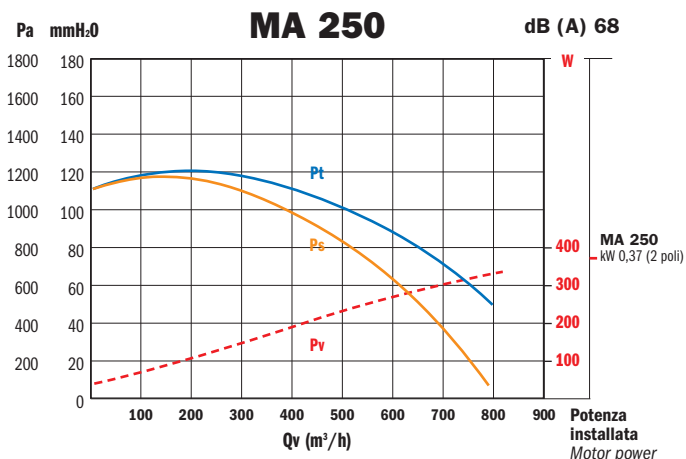
TIPO - TYPE		kW inst.	PESO WEIGHT	VENTILATORE FAN								
VENTILATORE FAN	MOTORE MOTOR			kgf	A	B	C	D	E	E5	F	G
MA 250	71 M2	0,37	18	88	343	375	177	425	417	162	45	245
MA 300	80 M2	0,75	28	91	394	445	210	505	492	192	53	290
MA 351	80 M2	1,1	35	98	385	517	245	583	573	227	61	335
MA 352	90 S2	1,5										
MA 401	90 L2	2,2	53	106	480	587	275	663	651	260	69	380
MA 402	100 L2	3										
MA 451	112 M2	4	100	115	535	660	310	743	725	289	77	425
MA 452	132 S2	5,5										
MA 501	132 S2	5,5	110	136	600	730	342	820	801	323	84	470
MA 502	132 S2	7,5										
MA 551	160 M2	11	180	130	723	802	377	902	878	355	93	515
MA 552	160 M2	15										
MA 601	160 M2	15	240	140	742	875	410	982	956	386	102	560
MA 602	160 L2	18,5										
MA 603	180 M2	22										

TIPO - TYPE	FLANGIA ASPIRANTE INLET FLANGE					FLANGIA PREMENTE OUTLET FLANGE										BASAMENTO BASE														
	VENTILATORE FAN	d	d ₁	d ₂	n°	ø a	a	b	a ₁	b ₁	a ₂	b ₂	n:xp	n:xp	n°	ø p	I	J	K	L	M	N	O	P	Q	R	S	T	U	ø b
MA 250		126	155	182	4	9	96	80	126	112	150	136	-	-	4	9	135	230	255	-	210	-	-	-	50	25	-	-	-	13
MA 300		150	180	206	4	9	116	96	146	128	170	152	-	-	4	9	175	230	255	-	250	-	-	-	50	25	-	-	-	13
MA 351		176	215	242	4	9	130	110	168	148	196	178	1x90	1x90	8	9	175	290	320	-	250	-	-	-	50	25	-	-	-	13
MA 352																														
MA 401		200	240	266	4	9	150	126	188	164	216	192	1x90	1x90	8	9	225	340	370	-	305	-	-	-	55	25	-	-	-	13
MA 402																														
MA 451		226	265	292	8	9	170	142	208	180	236	210	1x90	1x90	8	9	300	390	420	-	380	-	-	-	55	25	-	-	-	13
MA 452																														
MA 501		250	290	316	8	9	190	156	226	192	256	222	1x90	2x90	10	9	300	400	440	-	380	-	-	-	55	25	-	-	-	13
MA 502																														
MA 551		276	315	342	8	9	208	174	242	210	272	240	1x90	2x90	10	9	420	400	440	-	500	-	-	-	55	25	-	-	-	13
MA 552																														
MA 601		300	340	366	8	9	232	192	268	230	296	260	1x90	2x90	10	9	420	440	480	-	500	-	-	-	55	25	-	-	-	13
MA 602																														
MA 603																														



DIRETTAMENTE ACCOPPIATI CON MOTORE A 2 POLI

DIRECT CONNECTION FOR 2 POLES MOTORS

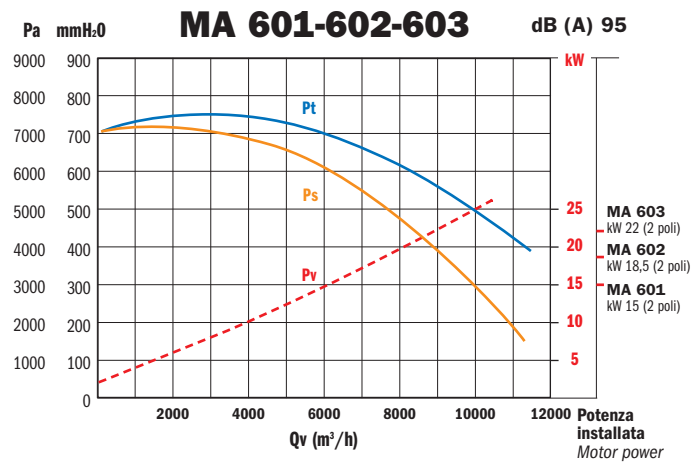
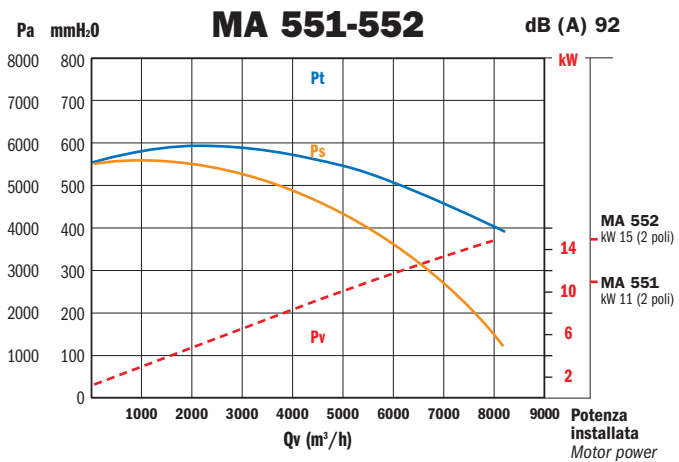
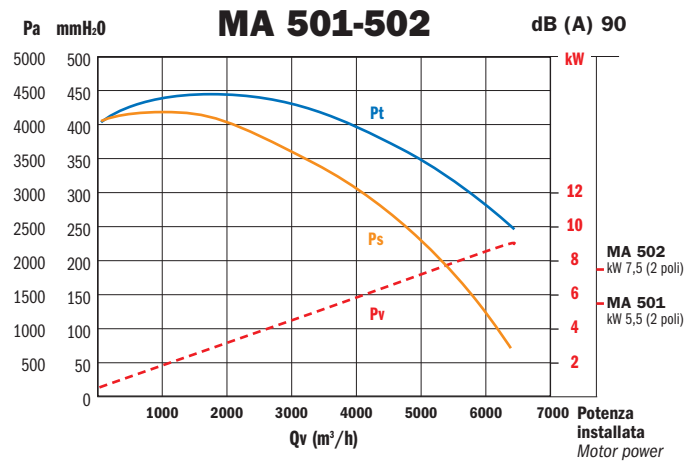
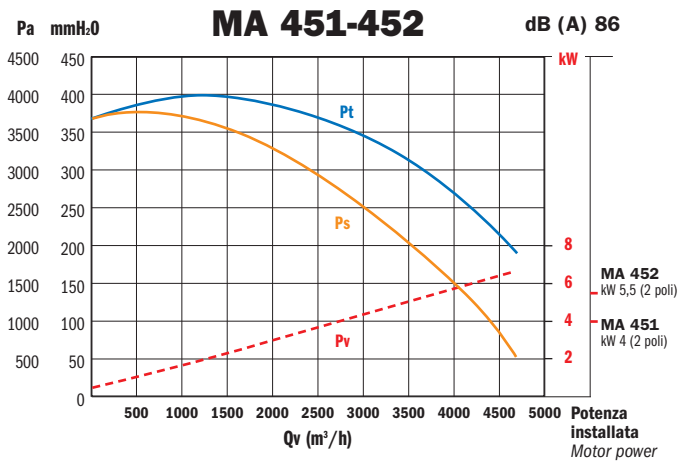


Valori riferiti a:/ Datas referring to: T=15°C; P=1 atm

— Pt= Pressione totale - Total pressure — Ps= Pressione statica - Statical pressure - - - Pv= Potenza assorbita - Absorbed power

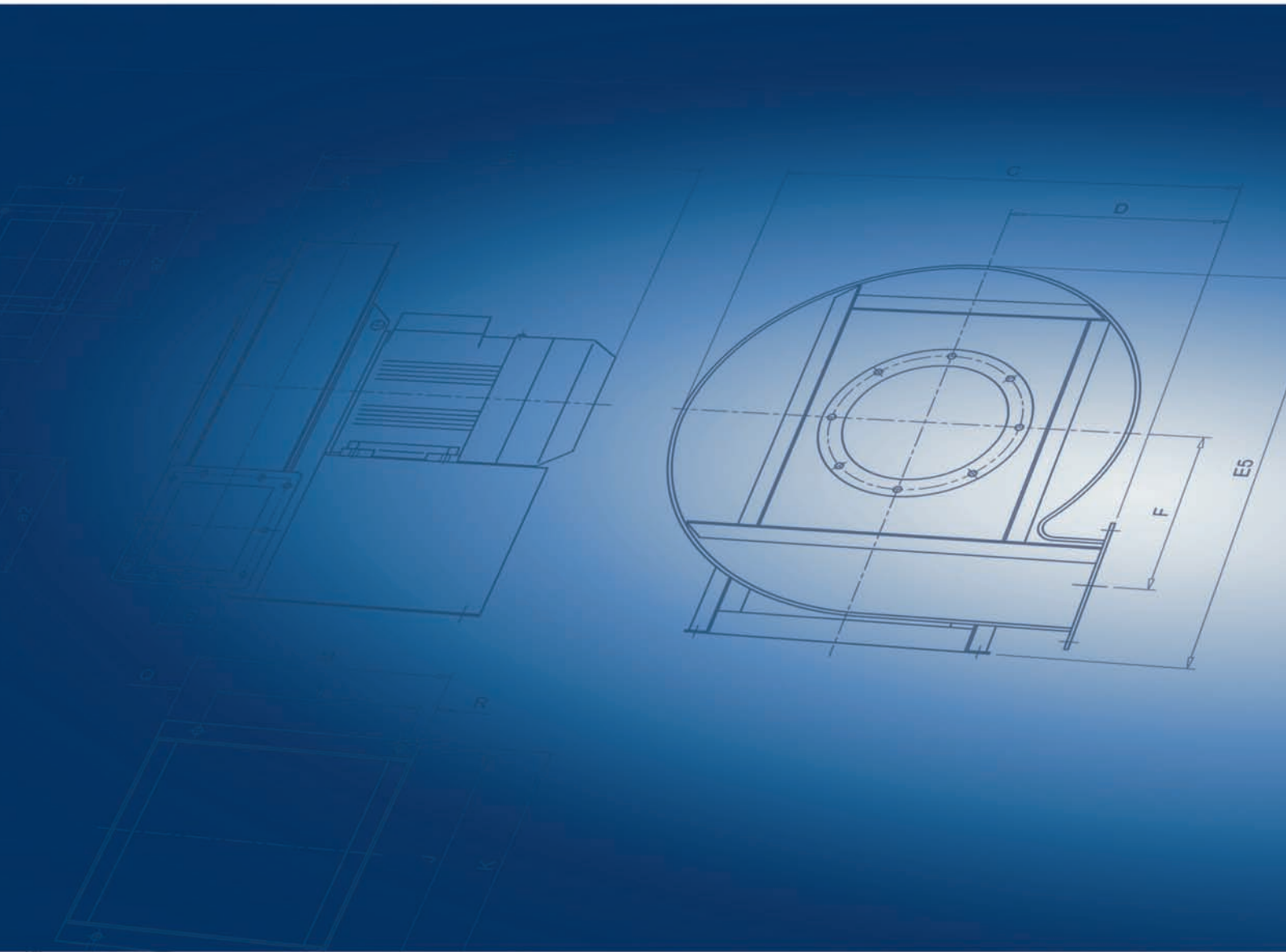
DIRETTAMENTE ACCOPPIATI CON MOTORE A 2 POLI

DIRECT CONNECTION FOR 2 POLES MOTORS



Valori riferiti a: / Datas referring to: **T=15°C; P=1 atm**

— Pt= Pressione totale - Total pressure — Ps= Pressione statica - Statical pressure - - - Pv= Potenza assorbita - Absorbed power



MM

ASPIRATORE VENTILATORE CENTRIFUGO
CENTRIFUGAL FAN



GIRANTE A PALE CURVE AVANTI
FORWARD CURVED BLADES IMPELLER



MEDIA PRESSIONE
MEDIUM PRESSURE

Portata/Flow rate:
500 ÷ 10000 m³/h

Pressione/Pressure:
100 ÷ 350 mm H₂O





MM

ASPIRATORE VENTILATORE CENTRIFUGO CENTRIFUGAL FAN



I ventilatori della serie MM sono indicati per impianti di ventilazione civile e industriale ed in tutti i campi in cui siano necessario movimentare aria e fumi anche leggermente polverosi.

L'esecuzione standard prevede l'utilizzo di coclee in lamiera di acciaio con profili bordati, telaio di base in acciaio verniciato, giranti a pale avanti in acciaio al carbonio verniciate e l'installazione di motori elettrici a 2 poli. I fluidi trasportati possono raggiungere una temperatura massima di 80°C in esecuzione standard; nel caso di esecuzioni speciali, sono ammessi valori massimi di 180°C. A richiesta sono disponibili esecuzioni in acciaio inossidabile; i ventilatori della serie MM sono fornibili anche in conformità alla direttiva ATEX (94/9/CE).

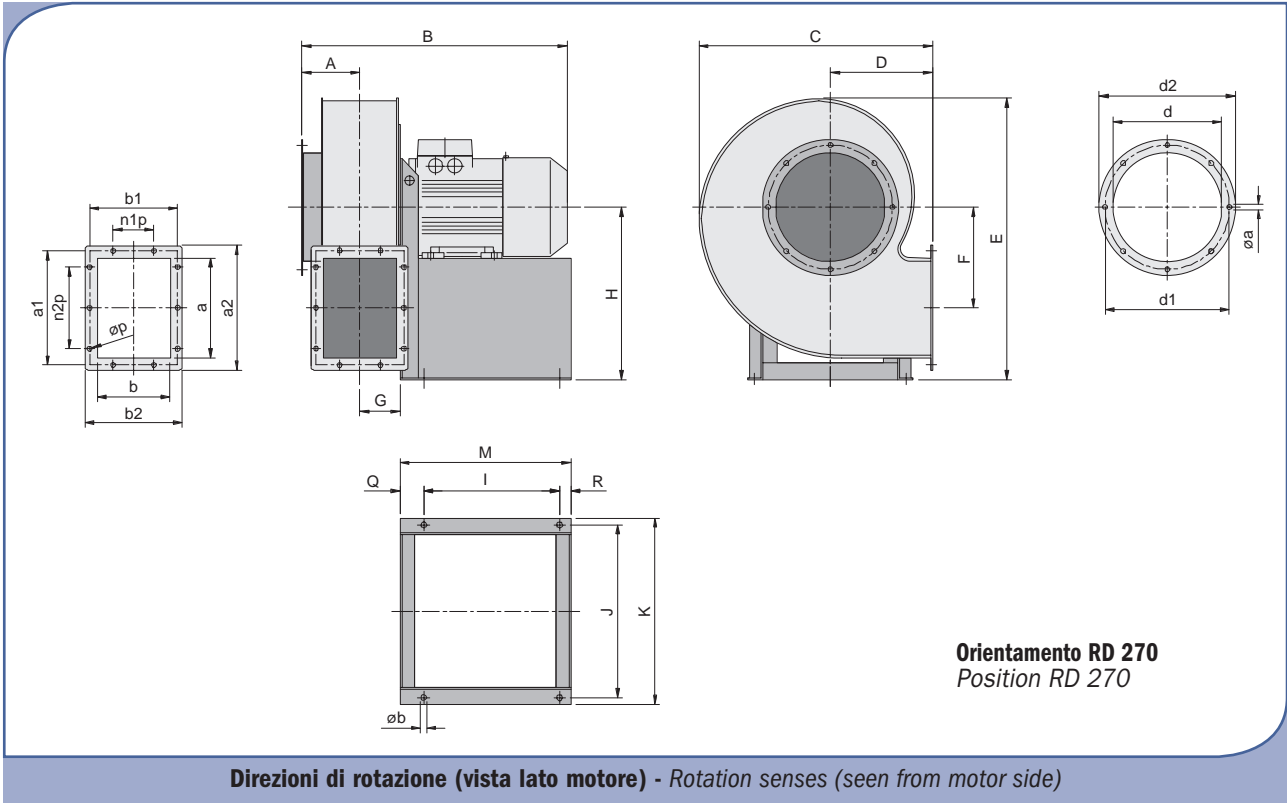
MM series blower are suitable for industrial and civil ventilation systems and for all applications where moving clean or slightly dusty air or smokes is necessary.

Standard execution blowers are provided with edged steel sheets casings, carbon steel base frames, forward blades carbon steel impellers and 2 poles electrical motors.

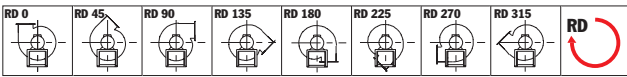
Transported fluids can reach maximum temperature of 80°C for standard execution; for special executions maximum values of 180°C are allowed. On demand, special stainless steel execution are available; MM blowers are available also according to ATEX directive (94/9/CE).



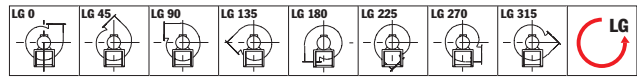
Esecuzione 4 (con basamento) - Arrangement 4 (with base frame)



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

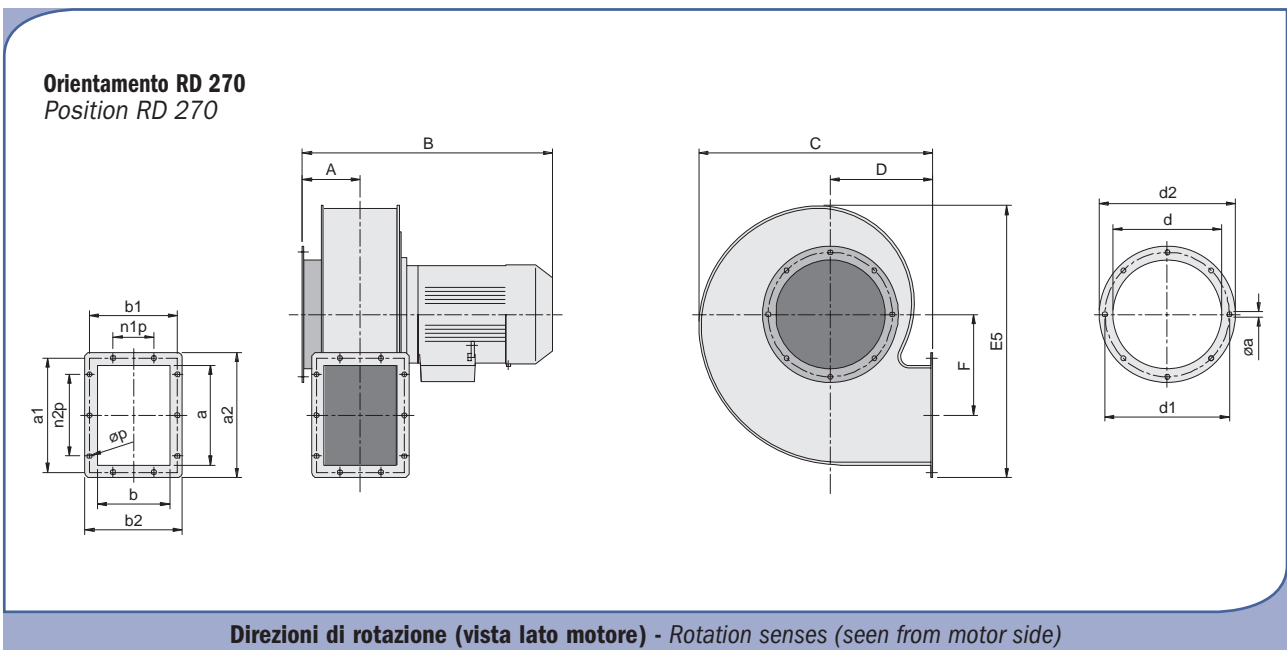


Rotazione oraria - Clockwise rotation sense

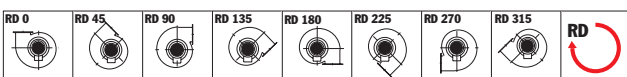


Rotazione anti-oraria - Anti-Clockwise rotation sense

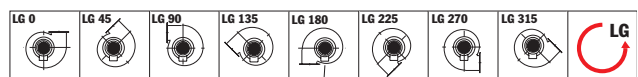
Esecuzione 5 - Arrangement 5



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



Rotazione oraria - Clockwise rotation sense



Rotazione anti-oraria - Anti-Clockwise rotation sense

DIMENSIONI D'INGOMBRO

OVERALL DIMENSIONS



Peso ventilatore in Kgf (completo di motore) - Weight of ventilator (complete with motor)
 Nota: Quota B indicativa - Note: B quote indicative

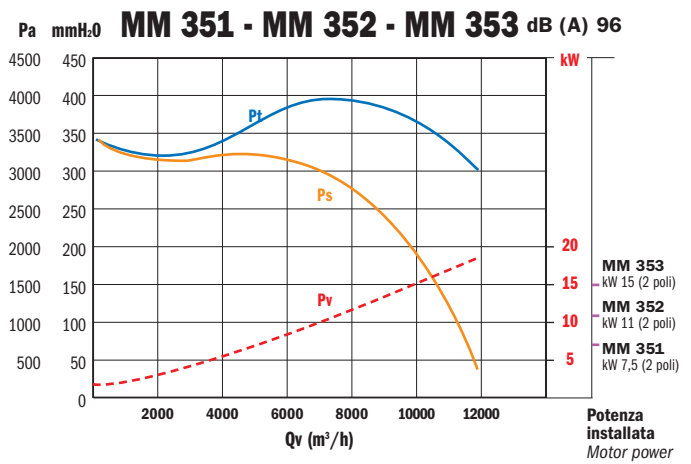
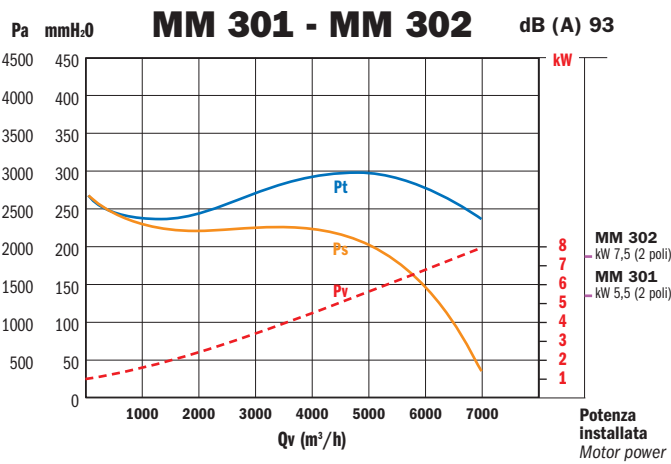
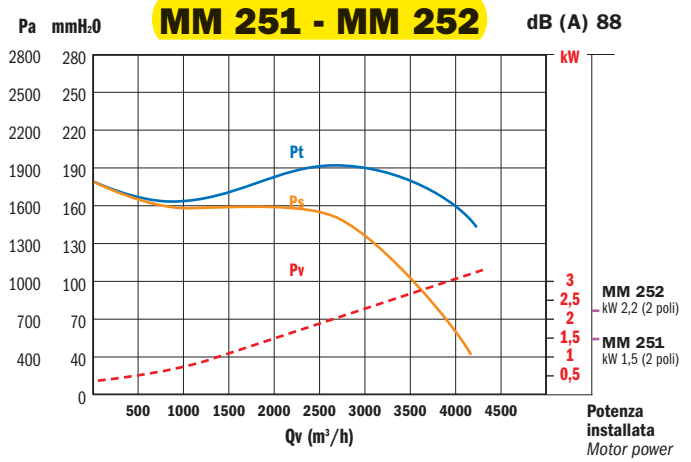
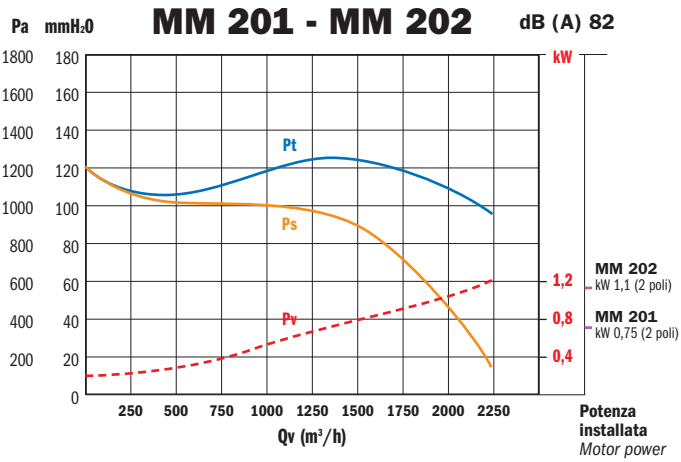
TIPO - TYPE		kW inst.	PESO WEIGHT kgf	VENTILATORE FAN								
VENTILATORE FAN	MOTORE MOTOR			A	B	C	D	E	E5	F	G	H
MM 201 MM 202	80 M2 80 M2	0,75 1,1	21	103	395	360	160	430	418	145	60	260
MM 251 MM 252	90 S2 90 L2	1,5 2,2	31	113	440 455	430	185	525	509	184	70	320
MM 301 MM 302	132 S2 132 S2	5,5 7,5	90	128	570	515	225	620	600	222	86	380
MM 351 MM 352 MM 353	132 S2 160 M2 160 M2	7,5 11 15	164	143	600 720 720	595	255	730	705	260	101	445

TIPO - TYPE	FLANGIA ASPIRANTE INLET FLANGE					FLANGIA PREMENTE OUTLET FLANGE										BASAMENTO BASE							
	VENTILATORE FAN	d	d ₁	d ₂	n°	∅a	a	b	a ₁	b ₁	a ₂	b ₂	n _{xp}	n _{xp}	n°	∅p	I	J	K	M	Q	R	∅b
MM 201 MM 202		160	184	210	8	9	150	110	180	142	205	165	1x90	1x90	8	9	175	230	255	250	50	25	13
MM 251 MM 252		200	228	250	8	9	185	130	216	162	240	185	1x90	1x90	8	9	175	230	255	250	50	25	13
MM 301 MM 302		240	274	300	8	9	220	160	252	194	275	215	1x90	2x90	10	9	300	335	365	380	55	25	13
MM 351 MM 352 MM 353		280	318	340	8	9	255	190	292	228	320	255	1x90	2x90	10	9	300	335	365	380	55	25	13



DIRETTAMENTE ACCOPPIATI CON MOTORE A 2 POLI

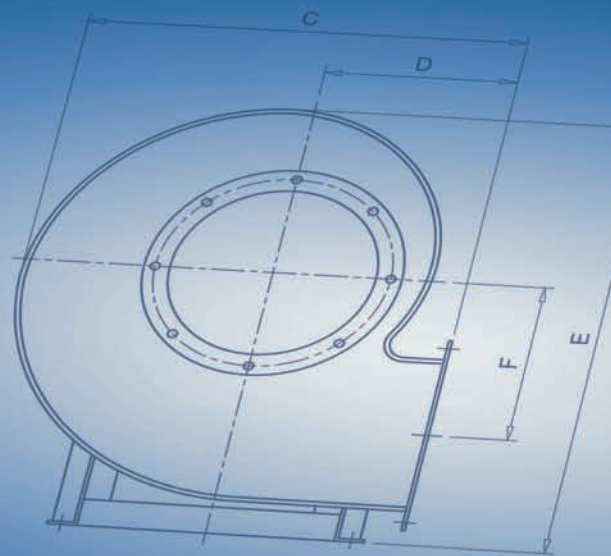
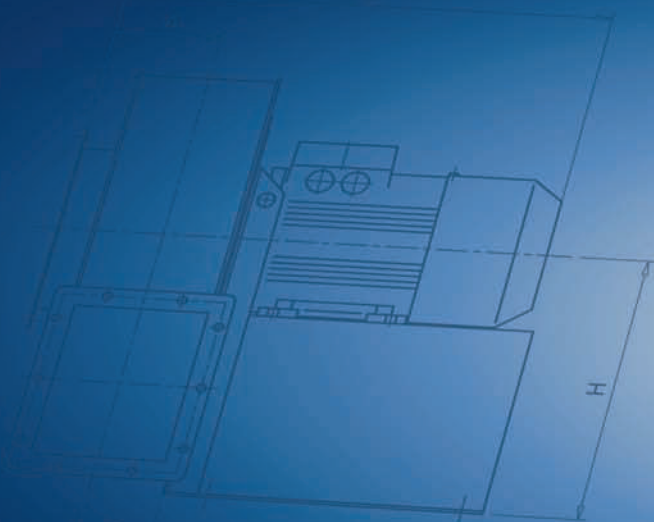
DIRECT CONNECTION FOR 2 POLES MOTORS



Valori riferiti a: / Datas referring to: T=15°C; P=1 atm

— Pt= Pressione totale - Total pressure
 — Ps= Pressione statica - Statical pressure
 - - - Pv= Potenza assorbita - Absorbed power

maflo®



Mod. **RH**

$Q = 1800 \div 288000 \text{ m}^3/\text{h}$

$Q = 0.5 \div 80 \text{ m}^3/\text{s}$

$p_t = 60 \div 530 \text{ mmH}_2\text{O}$

$p_t = 600 \div 5200 \text{ Pa}$



Campo di lavoro

Portate medie-alte. Pressioni medie.

Tipo di pala

Curva, rovescia (negativa), vedi pag. 2.2.

Applicazioni

Per aspirazione e trasporto di aria pulita o polverosa.

Esecuzioni costruttive standard

Es.1-Es.4-Es.5-Es.8-Es.9-Es.12, vedi pag. 2.5 - 2.6.

Temperature del fluido standard

-10÷+60°C. Per altre temperature vedi da pag. 1.12 a pag. 1.15.

Tipo di costruzione

Ventilatore in lamiera di Fe360, girante in Fe360 equilibrata staticamente e dinamicamente.

Per altri materiali vedi da pag. 1.12 a pag. 1.15.

Dati di funzionamento

Condizioni dell'aria all'aspirazione T=20°C, 0m.s.l.m. e ρ=1.205 kg/m³.

Rumorosità

Espressa in potenza sonora L_{wA} [dB(A)] rilevata in campo libero con ventilatore canalizzato, vedi da pag. 1.43 a pag. 1.49.

Orientamenti

N°8 RD (rotazione oraria vista lato trasmissione) e N°8 LG.

Ventilatore in versione imbullonata orientabile per le taglie 400-630, orientamento fisso per le taglie 710-2000. Vedi pag. 2.7.

Costruzioni speciali

Vedi da pag. 2.20 a pag. 2.30.

Classi giranti

La seguente tabella fa riferimento a condizioni di lavoro standard.

In condizioni di esercizio gravose si consiglia di contattare il servizio clienti di MORO per conoscere la tipologia di girante più idonea.

GRANDEZZA VENTILATORE • Grandeur • Size • Größe • Tamaño	RPM MASSIMO • Maxi tours/min. • Max rpm • Max. U/min • R.p.m. máx.			
	CLASSE I	CLASSE II	CLASSE III	CLASSE IV
RH400	3450	3900	4500	
RH450/R	3150	3600	4250	
RH450	3050	3500	4000	
RH500/R	2900	3300	3850	
RH500	2750	3150	3700	
RH560/R	2550	2900	3550	
RH560	2450	2800	3400	
RH630/R	2300	2600	3200	
RH630	2200	2500	3000	
RH710/R	2350	2800	3100	3550
RH710	2200	2650	2950	3350
RH800/R	2050	2500	2750	3150
RH800	1950	2350	2600	2950
RH900/R	1800	2200	2400	2750
RH900	1750	2050	2250	2550
RH1000/R	1600	1950	2100	
RH1000	1550	1850	2000	
RH1120/R	1700	1850	2000	
RH1120	1600	1750	1900	
RH1250/R	1500	1650	1800	
RH1250	1400	1550	1700	
RH1400/R	1300	1450	1600	
RH1400	1200	1350	1500	
RH1600	1000	1150	1300	
RH1800	850	1000	1150	
RH2000	750	900	1050	

VALORI VALIDI FINO A 60°C

• Valeurs valables jusqu'à 60°C • Values valid up to 60°C

• Werte bis 60°C gültig • Valores válidos hasta 60°C

FRA • entre • between • zwischen • entre	60°C	E • et • and • und • y	100°C	DECLASSARE VELOCITÀ • déclasser vitesse • degrade speed • Geschwindigkeit herabsetzen • rebajar velocidad	4%
			100°C		150°C
	150°C	200°C	16%		
	200°C	250°C	23%		
	250°C	300°C	30%		
	300°C	350°C	37%		
	350°C	400°C	45%		
	400°C	450°C	54%		
	450°C	500°C	64%		

■ Domaine de travail

Débits moyens-élevés. Moyennes pressions.

Type d'ailette

Courbée, inversée (négative), voir page 2.2.

Applications

Pour aspiration et transport d'air propre ou poussiéreux.

Configurations de constructions standard

Ex.1- Ex.4- Ex.5- Ex.8- Ex.9- Ex.12, voir pages 2.5 - 2.6.

Températures du fluide standard

-10÷+60°C. Pour d'autres températures voir pages 1.12-1.15.

Type de fabrication

Ventilateur en tôle de Fe360, turbine en Fe360 équilibrée statiquement et dynamiquement. Pour d'autres matériaux, voir pages 1.12-1.15.

Données de fonctionnement

Conditions de l'air à l'aspiration T=20°C, 0 m asl et ρ=1.205 kg/m³.

Niveau sonore

Exprimé en puissance sonore L_{wA} [dB(A)], relevé à l'air libre avec un ventilateur canalisé, voir pages 1.43 - 1.49.

Orientations

8 RD (rotation dans le sens des aiguilles d'une montre côté transmission) et 8 LG. Ventilateur en version boulonnée orientable pour les tailles 400-630, orientation fixe pour les tailles 710-2000. Voir page 2.7.

Fabrications spéciales

Voir pages 2.20-2.30.

Classes de turbines

Le tableau ci-dessus fait référence aux conditions de travail normales, en conditions de travail pénibles, on préconise de contacter le service clientèle de MORO pour connaître le type de turbine le plus adapté.

■ Field of operation

Medium-high flow rates. Average pressures.

Blade type

Curve, backward (negative), see pg. 2.2.

Applications

For the inlet and transport of clean or dusty air.

Standard constructional arrangements

Arr.1-Arr.4-Arr.5-Arr.8-Arr.9-Arr.12, see pgs. 2.5 - 2.6.

Standard fluid temperatures

-10÷+60°C. For other temperatures see pgs. 1.12 to 1.15.

Type of construction

Fan in Fe360 plate, impeller in Fe360 statically and dynamically balanced. For other materials see pgs. 1.12 to 1.15.

Operating specifications

Condition of inlet air T=20°C, 0 m above sea level and ρ=1.205 kg/m³.

Noise level

Expressed as sound power L_{wA} [dB(A)] measured in free field with ducted fan, see pgs. 1.43 to 1.49.

Orientations

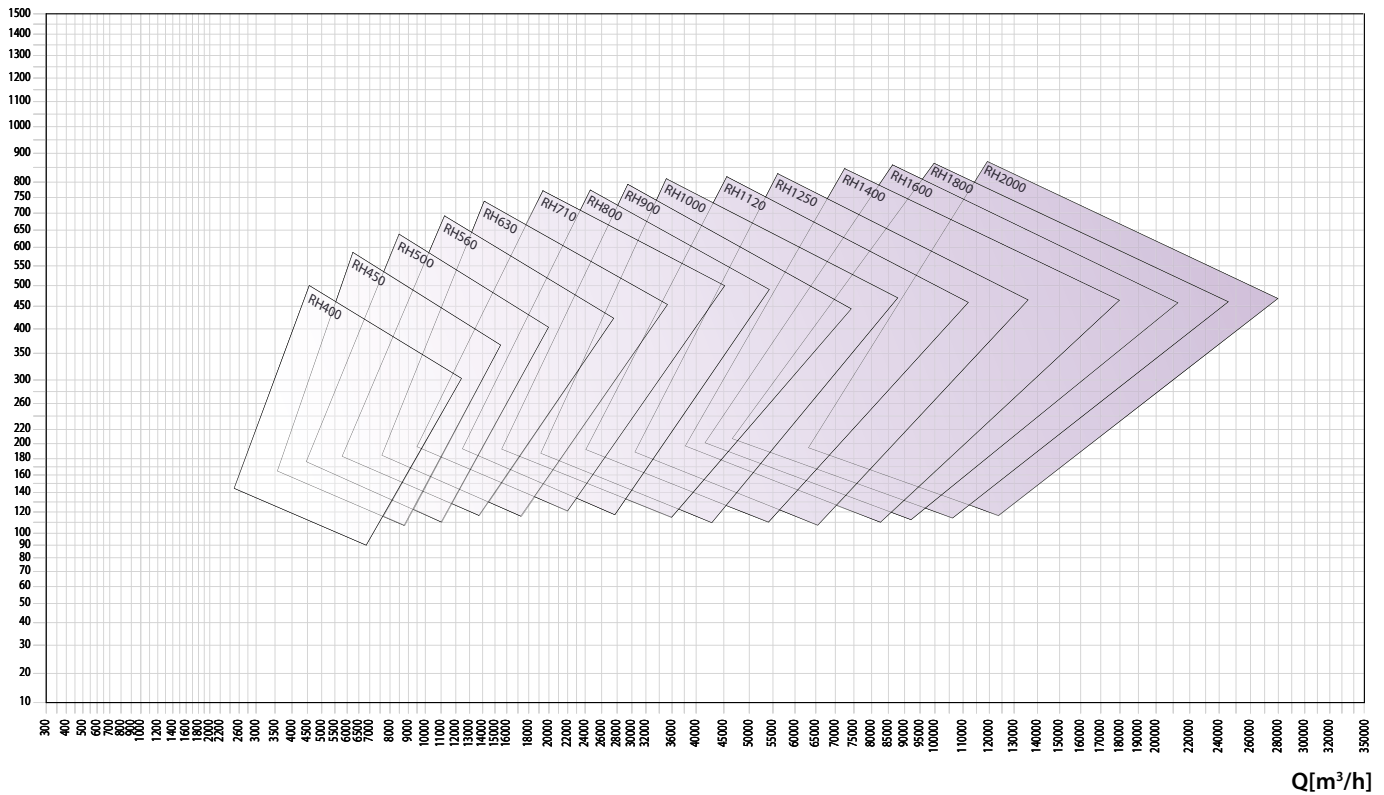
No.8 RD (clockwise viewed from transmission side) and No.8 LG. Fan in bolted orientable version for sizes 400-630, fixed orientation for sizes 710-2000. See pg. 2.7.

Special applications

See pgs. 2.20 to 2.30.

Impeller classes

The above table refers to standard operating conditions, in heavy-duty service conditions it is advisable to contact the MORO Customer Service to establish the most suitable type of impeller.

pt [mmH₂O]

■ Arbeitsbereich

Mittlere - grosse Fördermengen. Mittlere Drücke.

Schaufelform

Kurve, rückwärts gekrümmt (negativ), siehe Seite 2.2.

Anwendungen

Zur Absaugung und zum Transport von sauberer und staubhaltiger Luft.

Konstruktive Standardausführungen

Ausf. 1-Ausf. 4-Ausf. 5-Ausf. 8-Ausf. 9-Ausf. 12, siehe Seiten 2.5 - 2.6.

Standardtemperatur des Mediums

-10 ÷ +60°C. Für andere Temperaturen siehe Seiten 1.12 bis 1.15.

Konstruktionsart

Ventilator aus Blech Fe360, Laufrad aus Fe360, statisch und dynamisch ausgewuchtet. Für andere Materialien siehe Seiten 1.12 bis 1.15.

Betriebsdaten

Physikalischer Zustand der Ansaugluft T=20°C, 0 m ü. M. und ρ=1.205 kg/m³.

Geräuschpegel

angegeben als Schalleistungspegel L_{w,A} [dB(A)] mit Messung im Freifeld und an Rohren angeschlossenem Ventilatore, siehe Seiten 1.43 bis 1.49.

Ausrichtung

8 Modelle RD (Drehrichtung im Uhrzeigersinn, von Antriebsseite aus gesehen) und 8 Modelle LG. Angeschraubter, in der Ausrichtung veränderbarer Ventilator in den Grössen 400 - 630, mit Vorderstütze und damit nicht veränderbar ab Grösse 710 mit Riementrieb, immer ausrichtbar bei allen direkt angetriebenen Ventilatoren ohne Vorderstütze, siehe Seite 2.7.

Spezialausführungen

Siehe Seiten 2.20 bis 2.30.

Laufradklassen

Die obenstehende Tabelle bezieht sich auf normale Betriebsbedingungen. Bei erschwerenden Betriebsbedingungen wird empfohlen, den Kundenservice der MORO zu kontaktieren, um den am besten geeigneten Laufradtyp zu bestimmen.

■ Campo de trabajo

Caudales medios-altos. Presiones medias.

Tipo de pala

Curva, invertida (negativa), ver pág. 2.2.

Aplicaciones

Para aspiración y transporte de aire limpio o cargado de polvo, incluso con pequeñas cantidades de serrín, virutas de distintos tipos y materiales granulados, exceptuando los materiales filamentosos.

Variantes constructivas estándares

Ejec.1-Ejec.4-Ejec.5-Ejec.8-Ejec.9-Ejec.12, ver págs. 2.5 - 2.6.

Temperaturas del fluido estándares

De -10 a +60°C. Para otras temperaturas, ver págs. de 1.12 a 1.15.

Tipo de construcción

Ventilador de chapa en Fe360, rotor en Fe360 equilibrado estática y dinámicamente. Para otros materiales, ver págs. de 1.12 a 1.15.

Datos de funcionamiento

Condiciones del aire en aspiración T=20°C, 0 m SNM y ρ=1.205 kg/m³.

Niveles de ruido

Expresados en potencia sonora L_{w,A} [dB(A)] medida en campo abierto con ventilador canalizado, ver págs. de 1.43 a 1.49.

Orientaciones

8 RD (rotación dextrógira vista desde el lado de transmisión) y 8 LG. Ventilador en versión empornada orientable para tamaños 400-630, orientación fija para tamaños 710-2000. Ver pág. 2.7.

Construcciones especiales

Ver págs. de 2.20 a 2.30.

Clases de rotores

La tabla arriba hace referencia a condiciones de trabajo estándares, en condiciones de funcionamiento pesadas, se aconseja llamar al Servicio de atención al cliente de MORO para conocer el tipo de rotor más adecuado.

Tipo • Type • Type • Typ • Tipo		P inst. [kW]	n	LpA [dB(A)]	Tolleranza sulla portata ±5% • Tolérance sur le débit ±5% • Load tolerance ±5% • Durchsatztoleranz ±5% • Tolerancia respecto caudal ±5%														
Ventilatore • Ventilateur • Fan • Ventilator • Ventilador	Motore • Moteur • Motor • Motor • Motor				Q [m³/h]														
					3240	3600	3960	4320	4680	5400	6120	7200	7920	9000	10080	10800	12600	14400	
					pt[mmH ₂ O]														
RH400/2	112	4	2940	67	251	249	244	238	235										
RH400/2	132	5,5	2950	72	254	251	246	240	237	220	206	183	165						
RH450/2R	132	7,5	2950	72		309	309	308	305	296	285	266	253	233	211	192			
RH450/2	132	7,5	2950	70			325	324	323	316	306	288	275						
RH450/2	160	11	2955	74			325	324	323	316	306	288	275	256	236	221	167		
RH500/2R	160	11	2955	73					370	370	365	352	342	324	307	295			
RH500/2	160	15	2960	77						402	401	393	385	370	354	342	313	282	
RH560/2R	160	18,5	2960	74								469	467	459	448	439	414		
RH560/2R	180	22	2960	77								469	467	459	448	439	414	388	
RH560/2	180	22	2960	75									505	501	494	487	465	440	
RH560/2	200	30	2960	79									505	501	494	487	465	440	
RH630/2R	200	30	2960	77											579	577	565	547	
RH630/2R	200	37	2960	81											579	577	565	547	
RH630/2	200	37	2960	78													634	626	
RH630/2	225	45	2960	82													634	626	
RH710/2R	250	55	2960	80															721
RH710/2R	280	75	2960	83															721
RH710/2	280	75	2960	81															
RH710/2	280	90	2960	85															
RH800/2R	315	110	2970	83															
RH800/2R	315	132	2970	87															
RH800/2	315	132	2970	84															
RH800/2	315	160	2970	88															
RH630/4R	112	4	1455	64					140	139	138	132	127	121	115	109			
RH630/4	132	5,5	1455	69						154	153	149	147	142	135	130	121	106	
RH710/4R	132	7,5	1460	70								176	174	171	166	162	152	140	
RH710/4	160	11	1460	71									198	197	193	190	180	171	
RH800/4R	160	15	1460	74											232	231	229	221	
RH800/4	180	18,5	1460	74												250	250	246	
RH900/4R	200	30	1470	77															300
RH900/4	225	37	1470	77															
RH1000/4R	225	45	1470	80															
RH1000/4	250	55	1470	81															
RH1120/4R	280	75	1480	82															
RH1120/4	315	110	1480	83															
RH1250/4R	315	160	1480	85															
RH1250/4	315	200	1480	86															
RH1400/4R	315	250	1480	88															
RH1400/4	315	315	1480	89															
RH900/6R	160	7,5	970	65										130	130	129	127	124	
RH900/6	160	11	970	69											140	140	139	135	
RH1000/6R	180	15	975	72													160	159	
RH1000/6	200	18,5	975	72															173
RH1120/6R	200	22	975	73															
RH1120/6	225	30	980	75															
RH1250/6R	280	45	985	76															
RH1250/6	280	55	985	77															
RH1400/6R	315	75	985	80															
RH1400/6	315	90	985	81															

RH

Il livello di pressione sonora ponderato A, LpA (cap.14), corrisponde al valore rilevato, nelle condizioni di prova, nel punto di massima rumorosità.

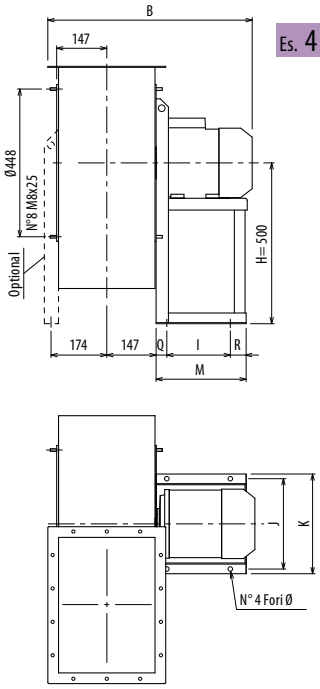
Tolleranza sulla rumorosità ±4dB(A)																					
• Tolérance sur le bruit ±4dB(A) • Noise tolerance ±4dB(A)																					
• Geräushtoleranz ±4dB(A) • Tolerancia respecto a ruido ±4dB(A)																					
Q [m³/h]																					
16200	18000	19800	21600	25200	28800	32400	36000	39600	43200	46800	54000	61200	68400	75600	86400	97200	108000	122400	140000	158000	176000
pt[mmH ₂ O]																					
232																					
347	319	285																			
397	372	345	315																		
499																					
499	477	455	433	383	314																
572	553																				
572	553	533	513	470	424	363															
667	656	641	624	587																	
667	656	641	624	587	548	507	460	399													
752	748	740	730	701	666	630															
752	748	740	730	701	666	630	593	554	509	450											
			878	866	845	818	787	755													
			878	866	845	818	787	755	722	689	614	507									
				940	926	906	881	851	821												
				940	926	906	881	851	821	789	725	651	549								
125	113																				
158	148	138	124																		
206	199	189	183	162	138																
234	223	216	210	191	170	149															
290	287	282	275	261	245	229	212	192	166												
311	310	307	302	289	275	260	244	227	209	185											
		353	352	345	335	322	308	293	280	264	230										
			382	380	373	363	350	338	324	310	281	247	198								
					432	427	419	409	398	385	360	334	305	270							
						480	477	471	464	454	432	409	384	359	313	246					
								550	545	541	527	512	486	464	430	391	350				
									593	592	584	569	553	531	493	466	429	374			
											657	650	641	622	593	562	532	495	433	338	
												733	733	720	703	681	652	615	563	508	437
117	110	106	101																		
129	124	118	113	104	90	72															
155	151	147	144	134	125	114	101	85													
170	169	166	163	154	144	135	124	114	99												
193	193	191	188	184	173	167	158	149	139	129											
		215	215	213	208	202	192	185	175	166	150	119									
				250	248	246	240	234	226	219	203	188	169	145							
					270	269	266	261	256	249	234	219	205	188	153						
							301	299	296	291	279	266	252	237	215	186					
								337	337	337	335	328	318	306	293	273	252	230	187		

■ Le niveau de pression sonore pondérée A, LpA (chap. 14), correspond à la valeur relevée dans les conditions d'essai au point de niveau sonore maximum.

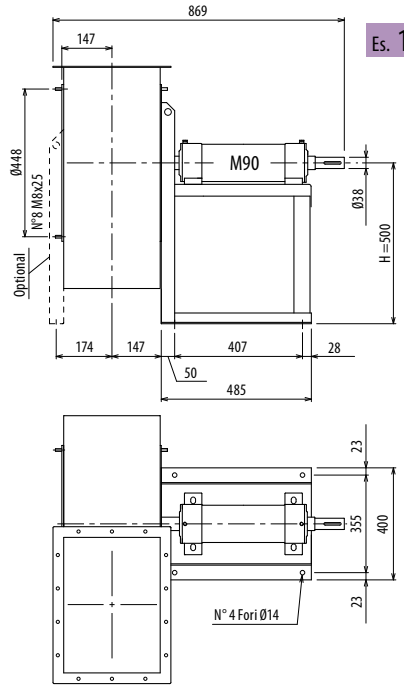
■ The A-weighted sound power level, LpA (Chap.14), is the value measured in test conditions at the point of maximum noise level.

■ Der nach A bewertete Schalldruckpegel LpA (Kap. 14) entspricht in den Testbedingungen dem höchsten gemessenen Wert des Geräuschpegels.

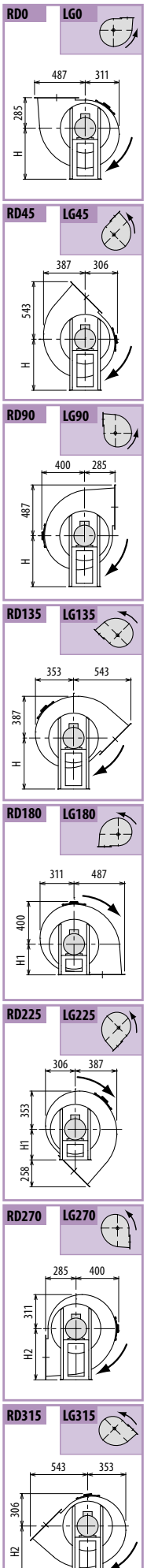
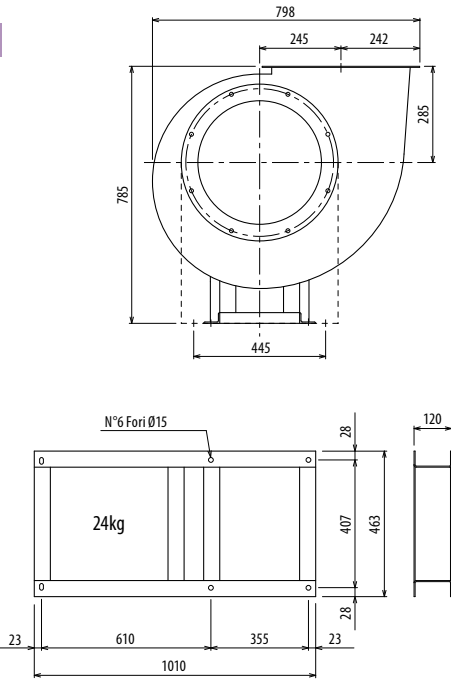
■ El nivel de presión sonora ponderado A, LpA (cap. 14), corresponde al valor medido, en las condiciones de prueba, en el punto con máximos niveles de ruido.



Es. 4



Es. 1

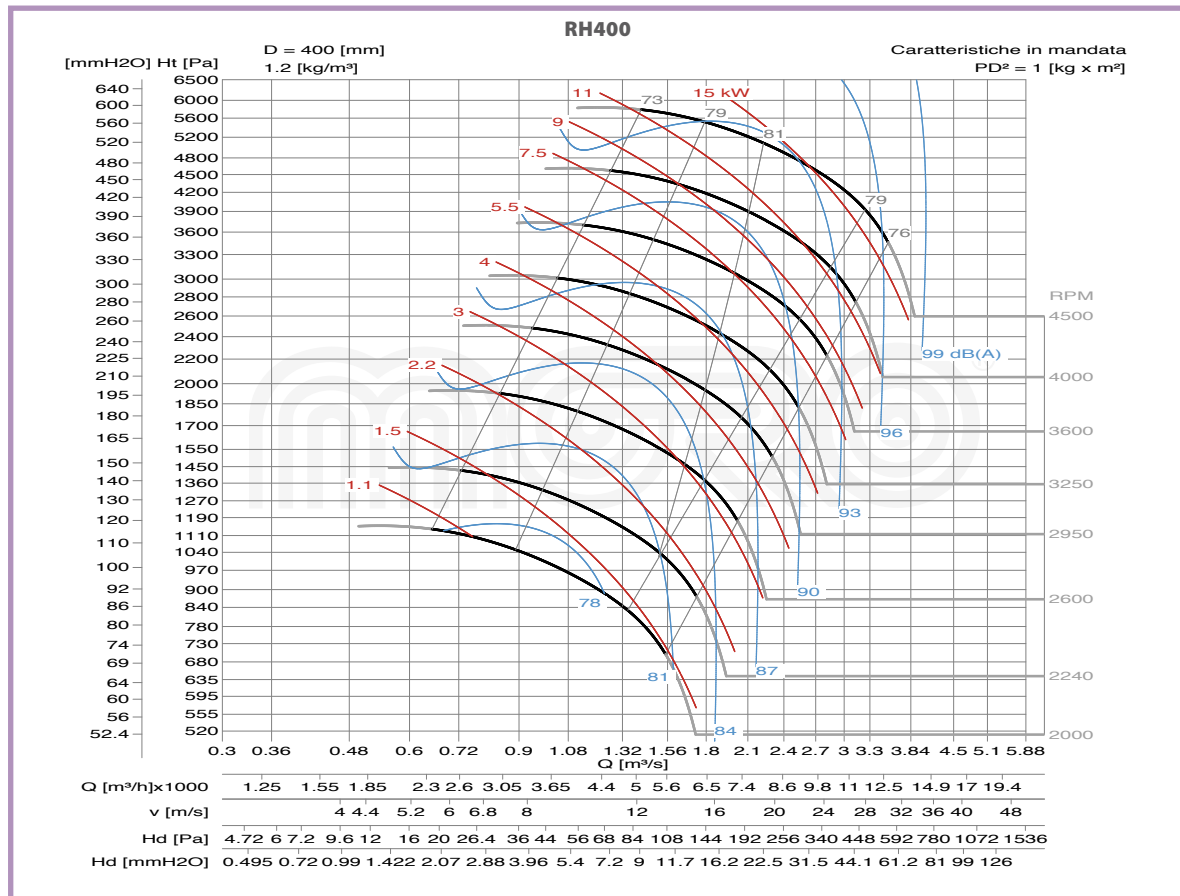
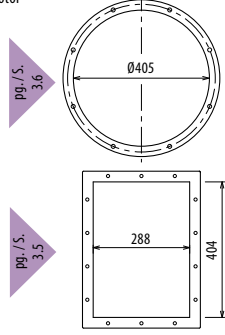


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
RH400/2	112 M2	106	1	665	197	500	285	500	289	324	276	30	49	12
RH400/2	132 SA2	116	1	704	237	500	285	500	337	372	336	40	59	12
RH400/T		92	1			500	285	500						



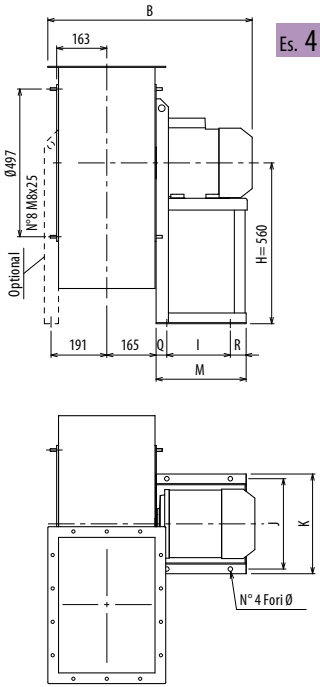
RH

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

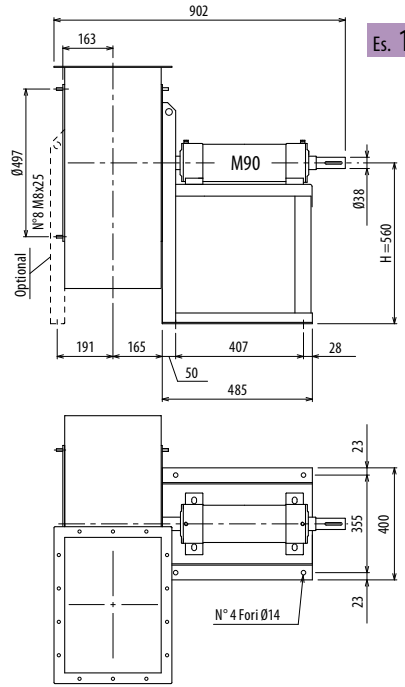
RH450



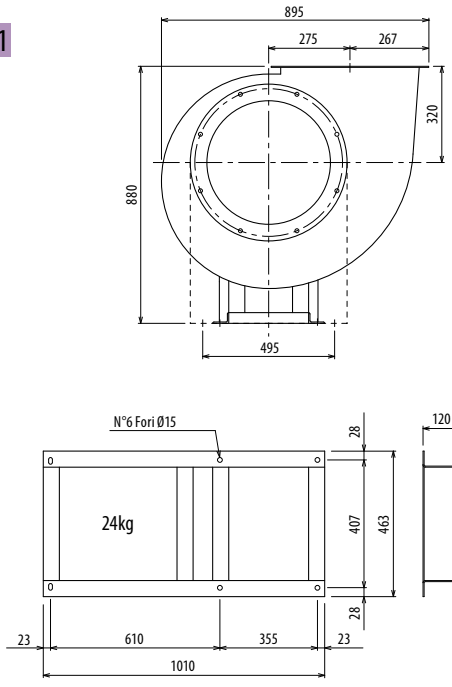
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAßE UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



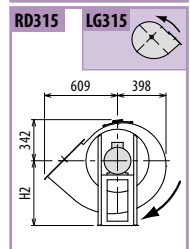
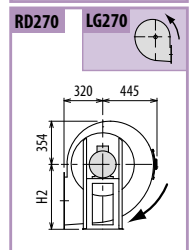
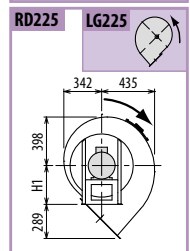
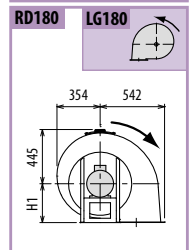
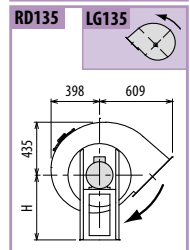
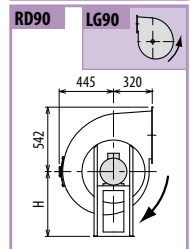
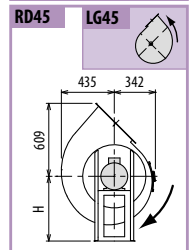
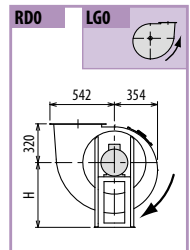
Es. 1



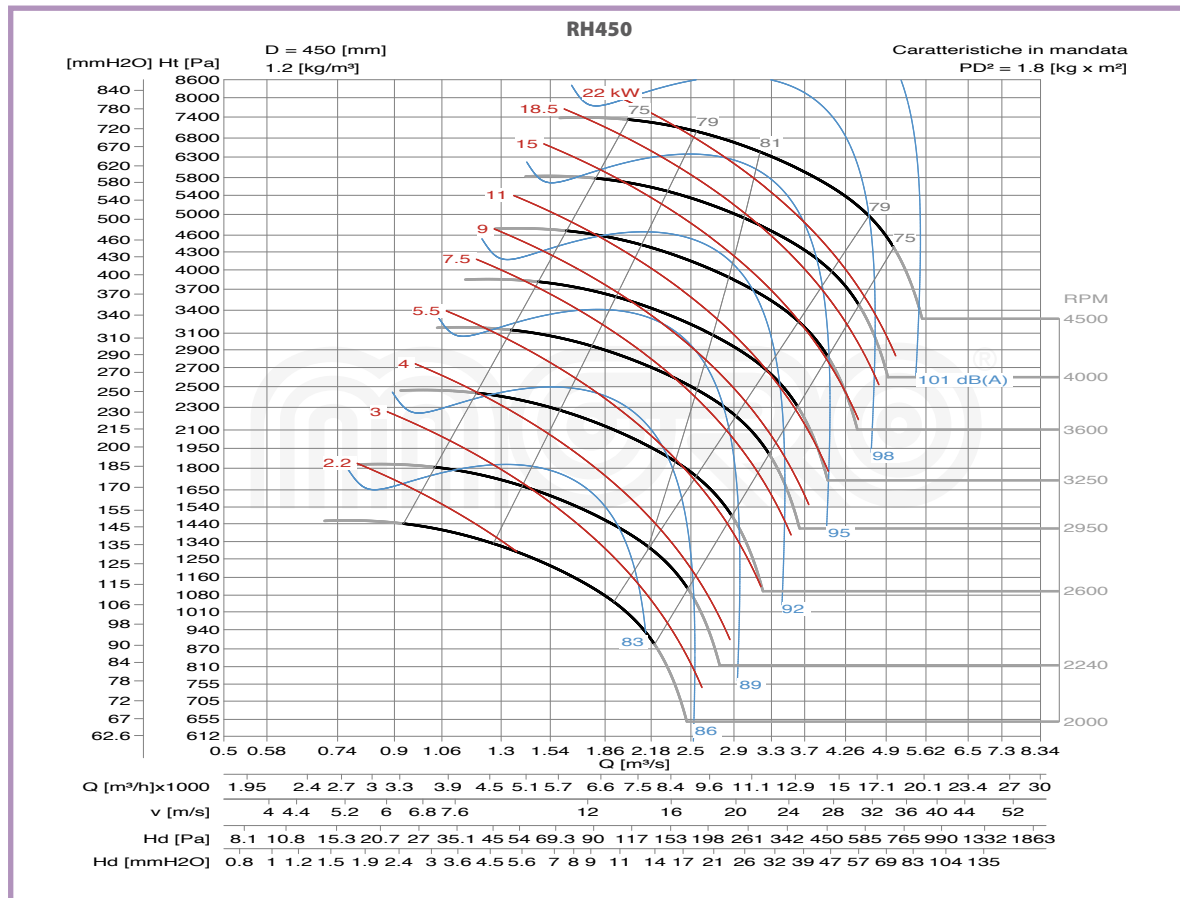
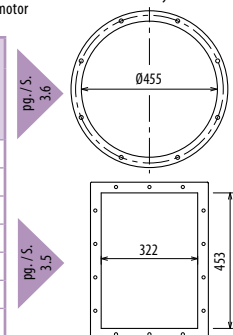
Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
 - The fan is revolvable
 - Der Ventilator ist drehbar
 - El ventilador es orientable
- Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Das Gewicht im Tafel schließt den Motor ein El peso en la tabla incluye el motor

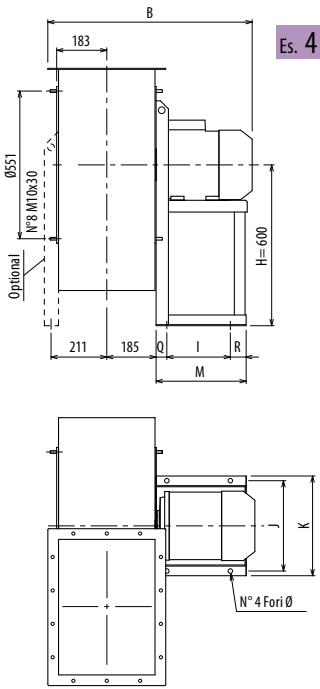
Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:



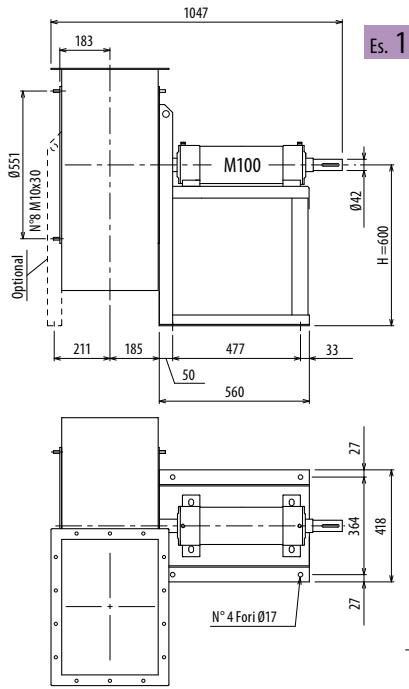
TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
RH450/2R	132 SB2	124	1	739	237	560	320	560	337	372	336	40	59	12
RH450/2	132 SB2	127	1,8	739	237	560	320	560	337	372	336	40	59	12
RH450/2	160 MA2	161	1,8	844	337	560	320	560	395	440	436	50	49	14
RH450/T		105	1,8			560	320	560						



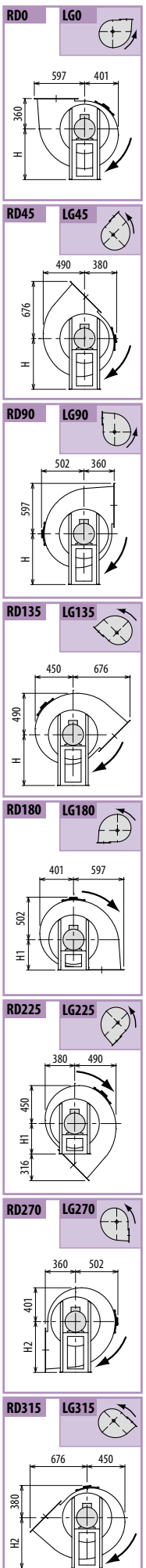
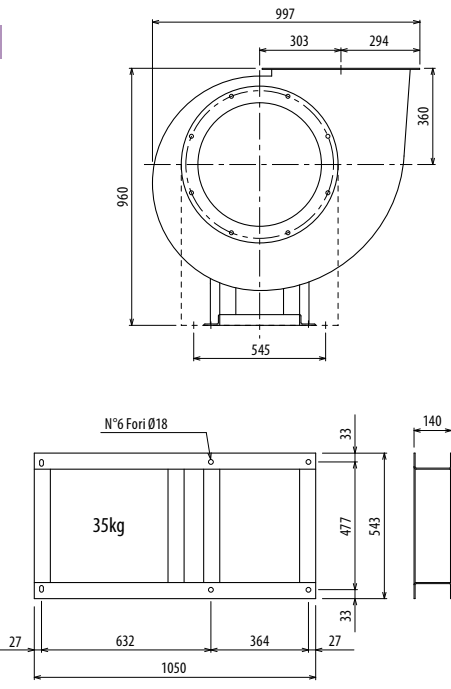
RH



Es. 4



Es. 1

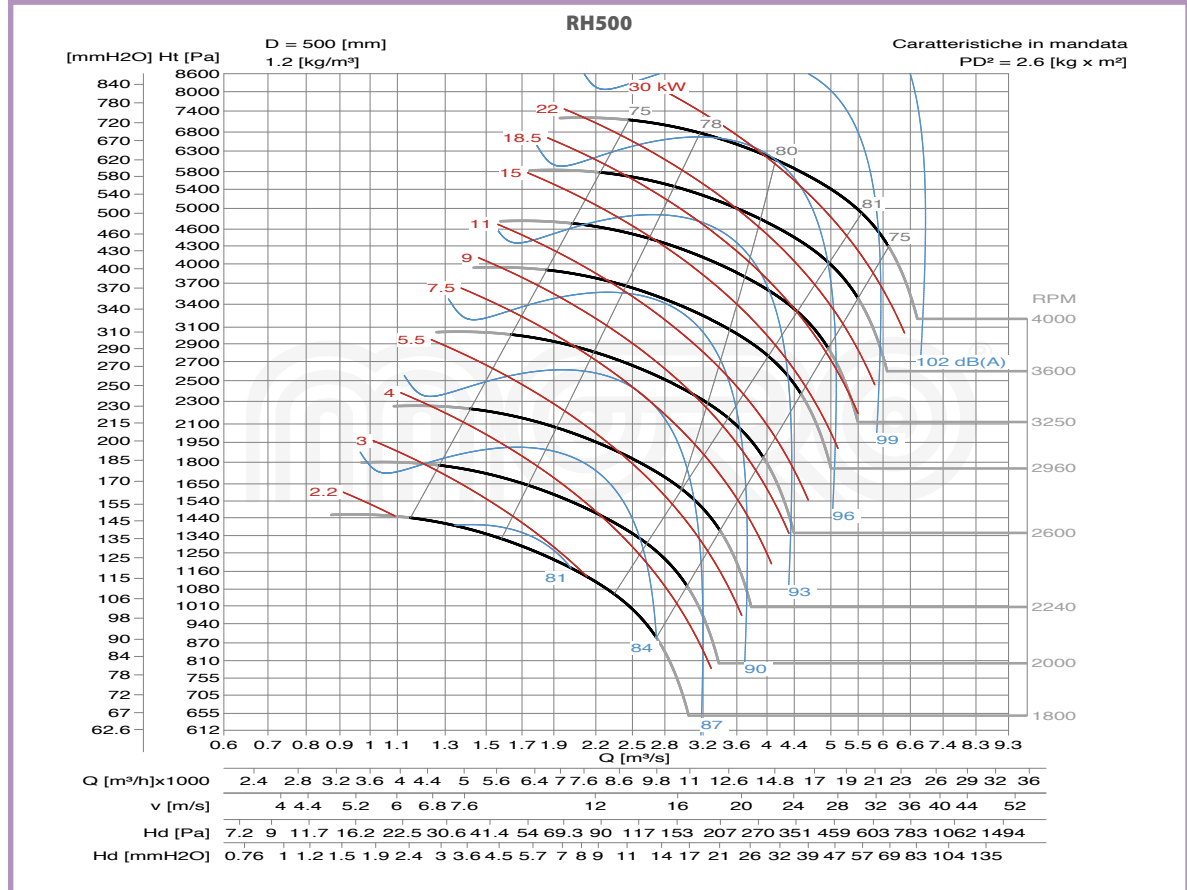
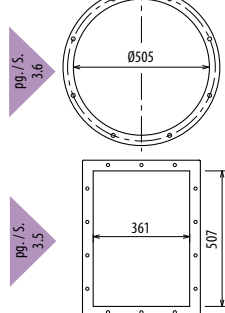


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht in Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
RH500/2R	160 MA2	187	2,3	884	337	600	360	600	395	440	436	50	49	14
RH500/2	160 MB2	199	2,6	884	337	600	360	600	395	440	436	50	49	14
RH500/T		145	2,6			600	360	600						



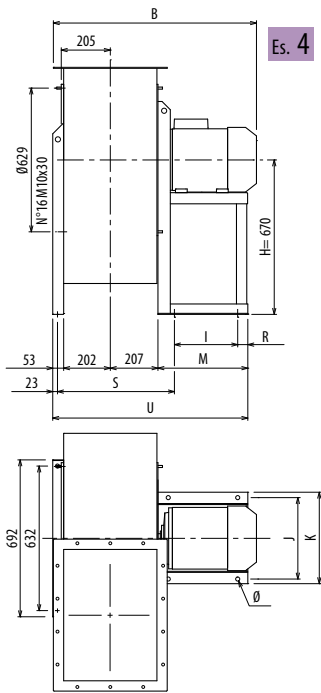
RH

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

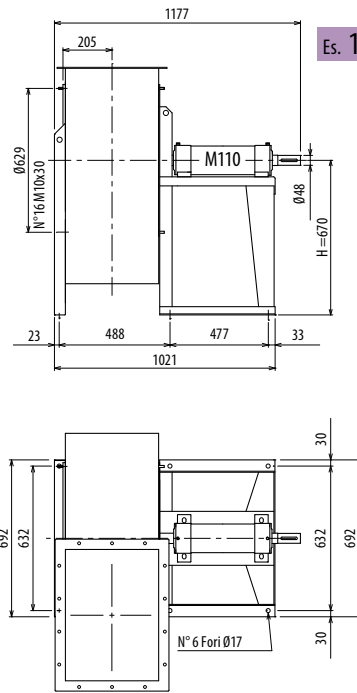
RH560



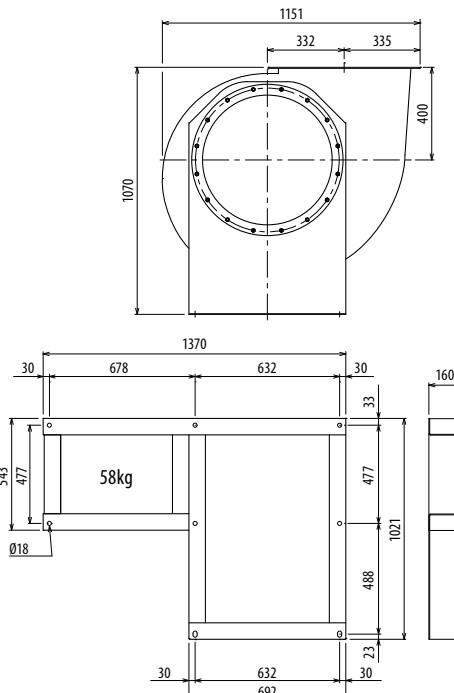
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1



Il ventilatore è orientabile - Peso in tabella comprensivo di motore

■ Le ventilateur est orientable

■ The fan is revoluble

■ Der Ventilator ist drehbar

■ El ventilador es orientable

Le poids dans le tableau inclut le moteur

The weight indicated in the table includes motor

Das Gewicht im Tafel schließt den Motor ein

El peso en la tabla incluye el motor

Ulteriori informazioni e quote:

■ Ulérieures informations et cotes:

■ Further information and sizes:

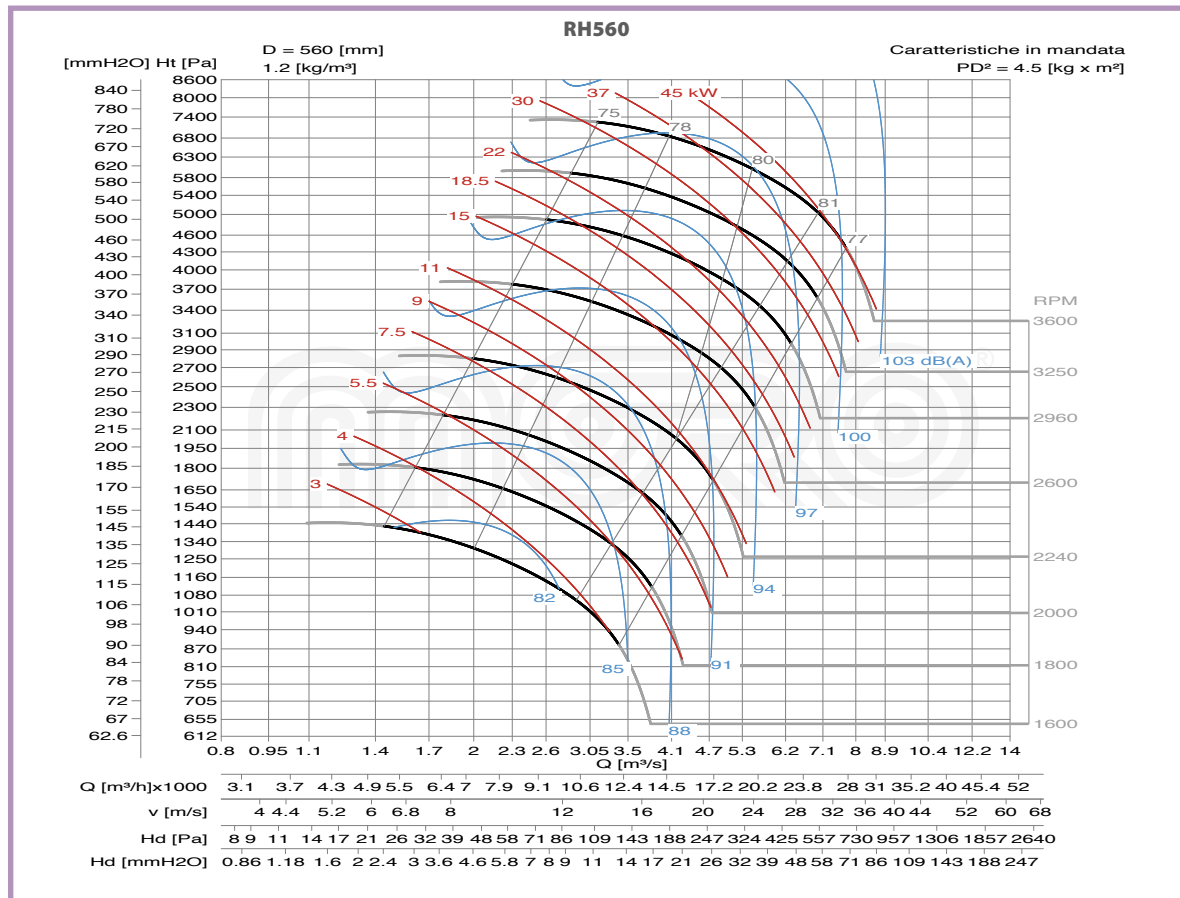
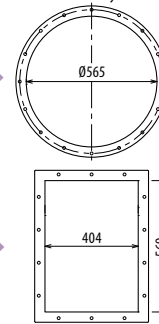
■ Weitere Infos und Größen:

■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²												
RH560/2R	160 L2	220	3,6	939	337	670	400	670	395	440	435	49	488	897	14
RH560/2R	180 M2	273	3,6	1021	357	670	400	670	434	488	460	33	509	922	17
RH560/2	180 M2	275	4,5	1021	357	670	400	670	434	488	460	33	509	922	17
RH560/2	200 LA2	353	4,5	1129	381	670	400	670	506	568	500	39	519	962	19
RH560/T		196	4,5			670	400	670							

pg. / s. 3,6

pg. / s. 3,5



RD0 LG0

RD45 LG45

RD90 LG90

RD135 LG135

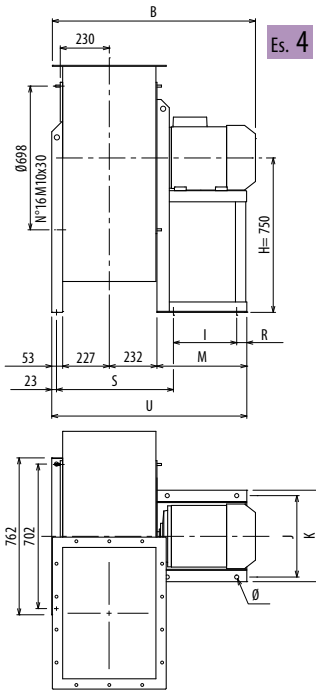
RD180 LG180

RD225 LG225

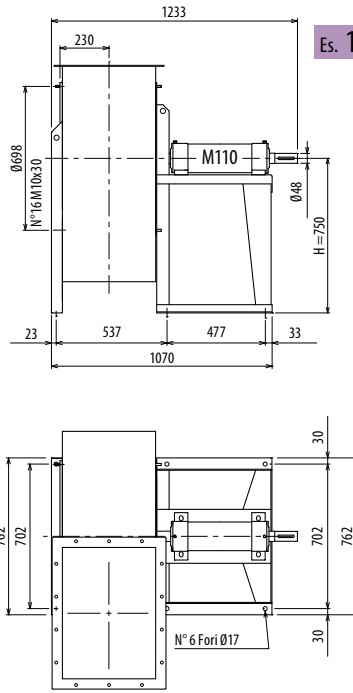
RD270 LG270

RD315 LG315

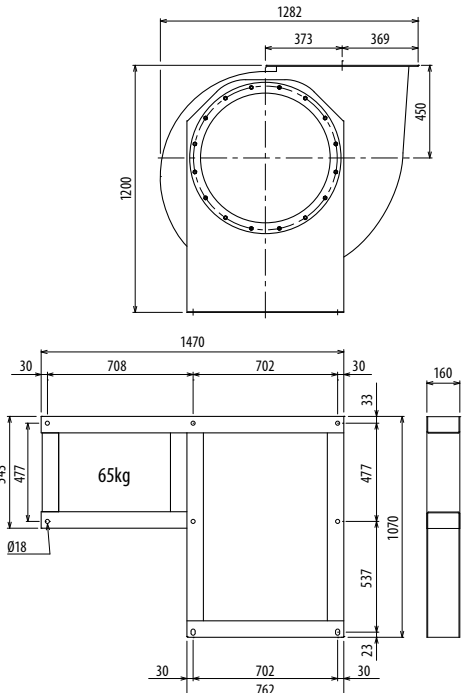
RH



Es. 4



Es. 1

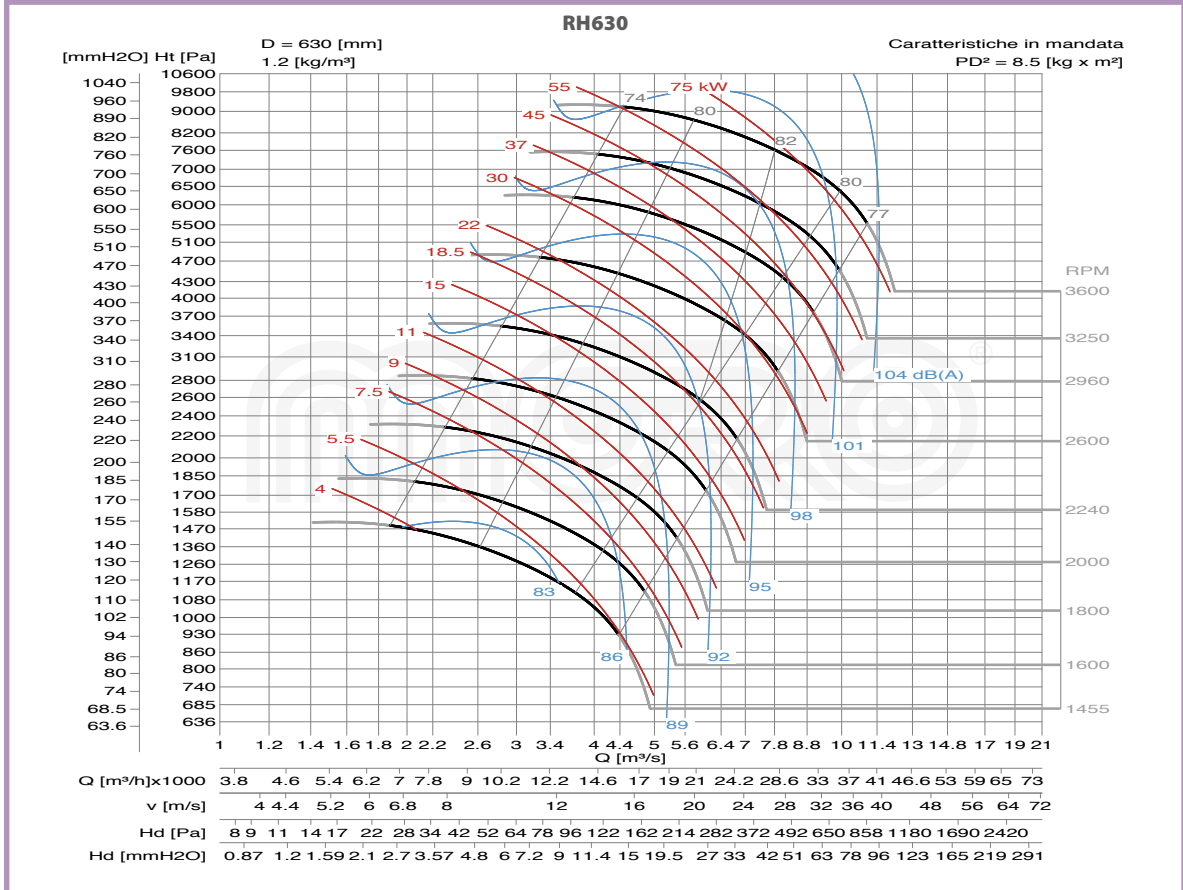
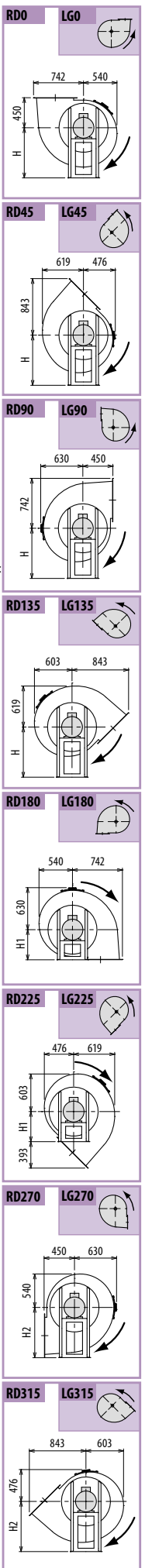
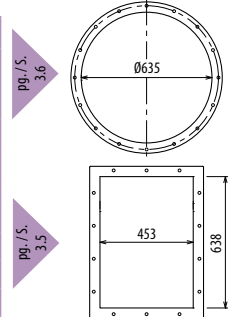


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revoluble
- Der Ventilator ist drehbar
- El ventilador es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²												
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
RH630/2R	200 LA2	387	7,4	1179	381	750	450	750	506	568	500	39	568	1011	19
RH630/2R	200 LB2	387	7,4	1179	381	750	450	750	506	568	500	39	568	1011	19
RH630/2	200 LB2	389	8,5	1179	381	750	450	750	506	568	500	39	568	1011	19
RH630/2	225 M2	471	8,5	1221	421	750	450	750	556	616	540	39	568	1051	19
RH630/4R	112 M4	180	7	845	197	750	450	750	289	324	275	49	517	786	12
RH630/4	132 S4	202	6,8	885	237	750	450	750	337	372	335	59	527	846	12
RH630/T		239	8,5			750	450	750							



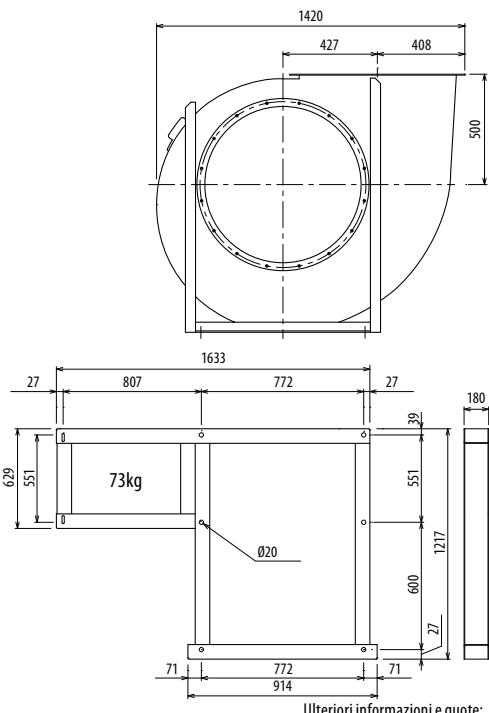
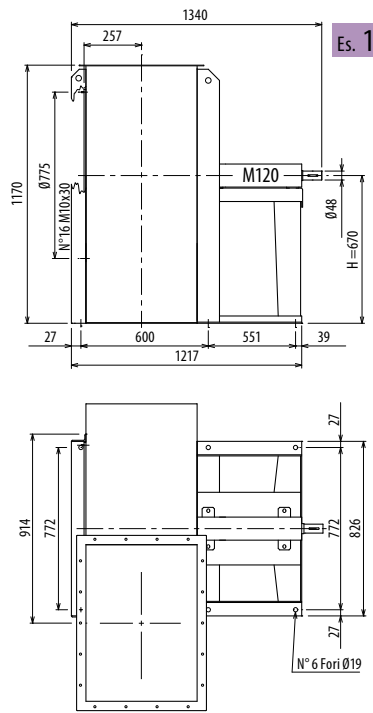
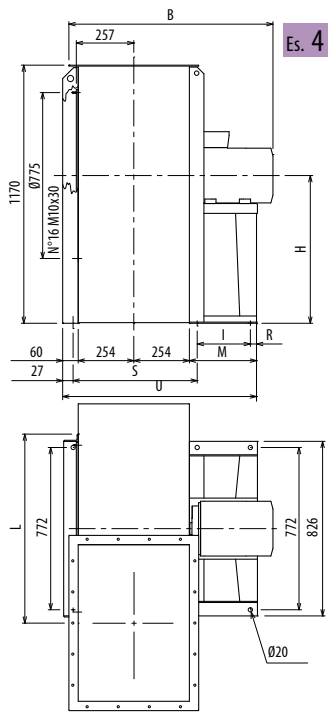
RH

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

RH710



■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Il ventilatore non è orientabile - Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable
 ■ Le poids dans le tableau inclut le moteur ■ The weight indicated in the table includes motor ■ Das Gewicht im Tafel schließt den Motor ein ■ El peso en la tabla incluye el motor

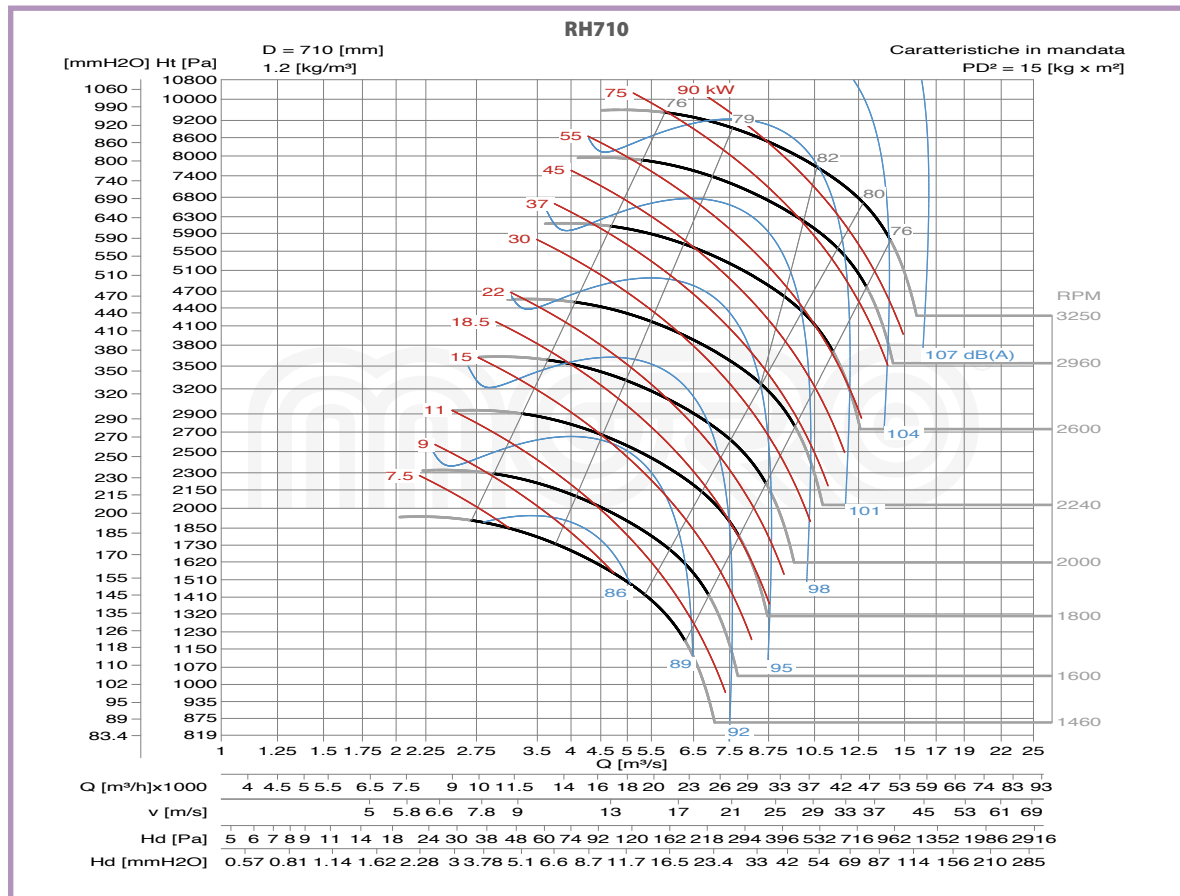
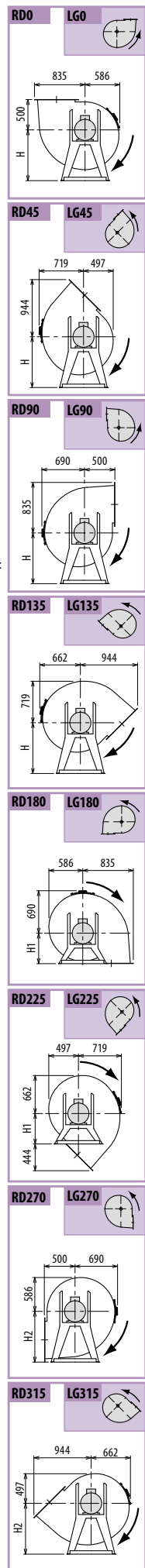
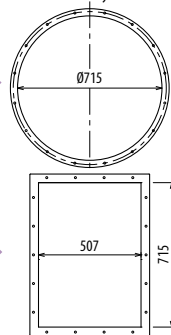
Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

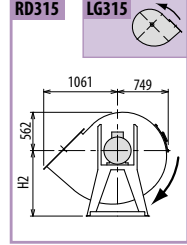
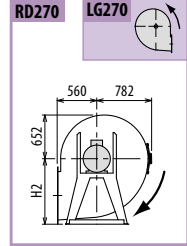
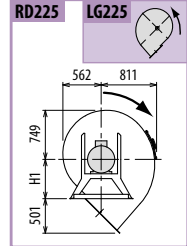
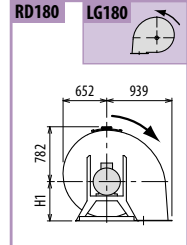
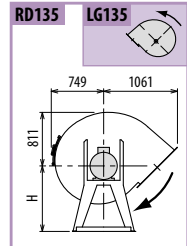
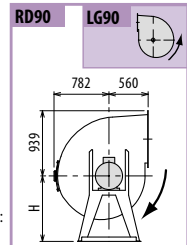
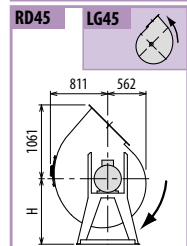
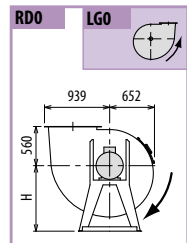
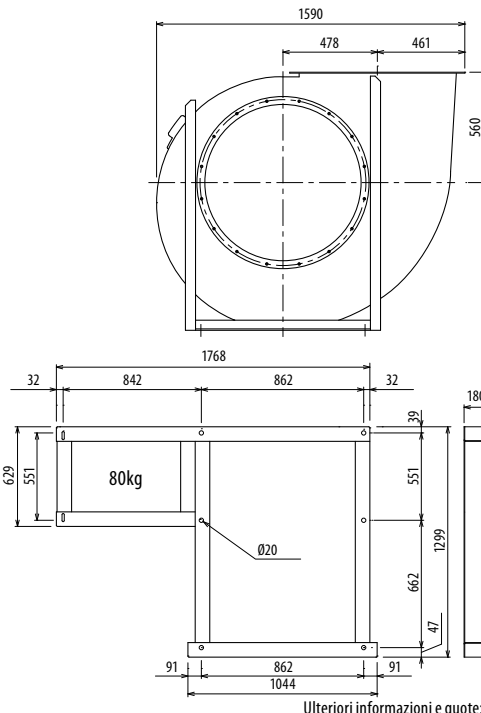
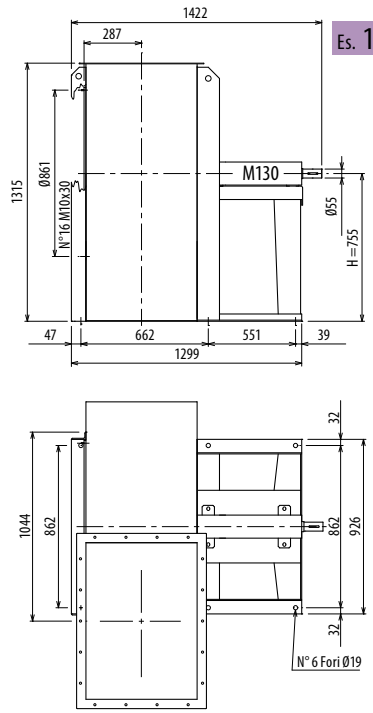
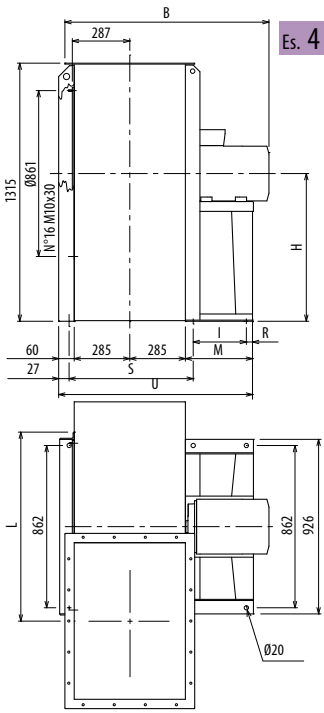
TIPO - Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	L	R	M	S	U
VENTILATORE Fan	MOTORE Motor												
RH710/2R	250 M2	630	14	1384	501	670	500	850	832	39	600	606	1173
RH710/2R	280 S2	760	14	1387	591	670	500	850	832	39	690	606	1263
RH710/2	280 S2	762	15	1387	591	670	500	850	832	39	690	606	1263
RH710/2	280 M2	800	15	1387	591	670	500	850	832	39	690	606	1263
RH710/4R*	132 M4	286	14	940	201	850	500	850	832	75	336	606	909
RH710/4*	160 M4	315	15	1045	316	850	500	850	832	60	439	606	1009
RH710/T		360	15			670	500	850					

* Il ventilatore è orientabile ■ * Le ventilateur est orientable ■ * The fan is revolvable ■ * Der Ventilator ist drehbar ■ * El ventilador es orientable

pg. / s.
3,6

pg. / s.
3,5





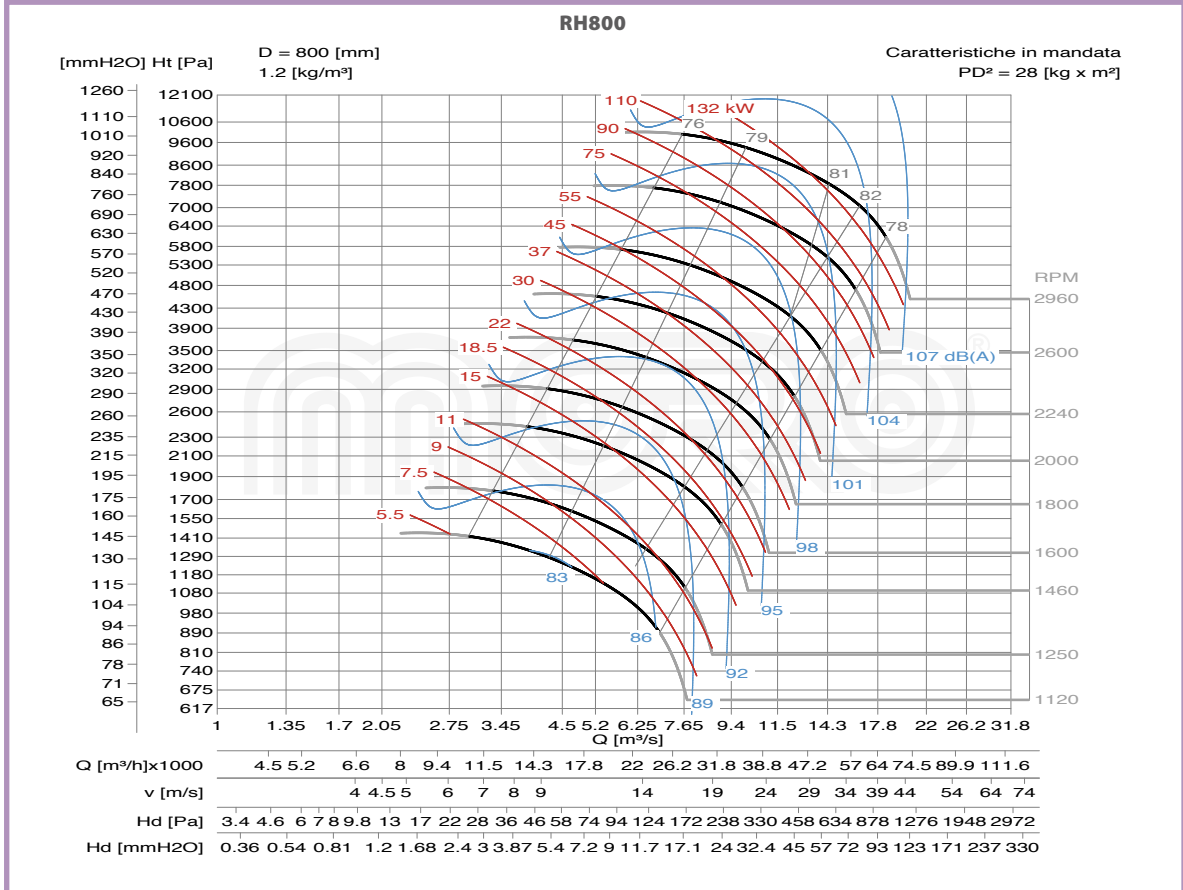
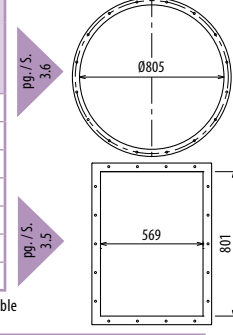
Il ventilatore non è orientabile - Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable
 ■ Le poids dans le tableau inclut le moteur ■ The weight indicated in the table includes motor ■ Das Gewicht im Tafel schließt den Motor ein ■ El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²										
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	L	R	M	S	U
RH800/2R	315 S2	1047	27	1561	675	755	560	950	932	65	800	668	1435
RH800/2R	315 M2	1207	27	1661	675	755	560	950	932	65	800	668	1435
RH800/2	315 M2	1209	28	1661	675	755	560	950	932	65	800	668	1435
RH800/2	315 LA2	1259	28	1721	675	755	560	950	932	65	800	668	1435
RH800/4R*	160 L4	409	27	1107	316	950	560	950	932	60	439	668	1071
RH800/4*	180 M4	465	28	1188	361	950	560	950	932	39	460	668	1095
RH800/T		442	28			755	560	950					

* Il ventilatore è orientabile ■ * Le ventilateur est orientable ■ * The fan is revolvable ■ * Der Ventilator ist drehbar ■ * El ventilador es orientable



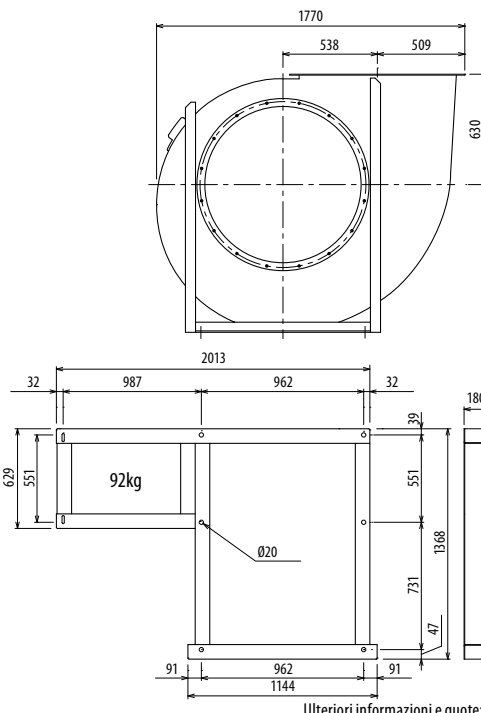
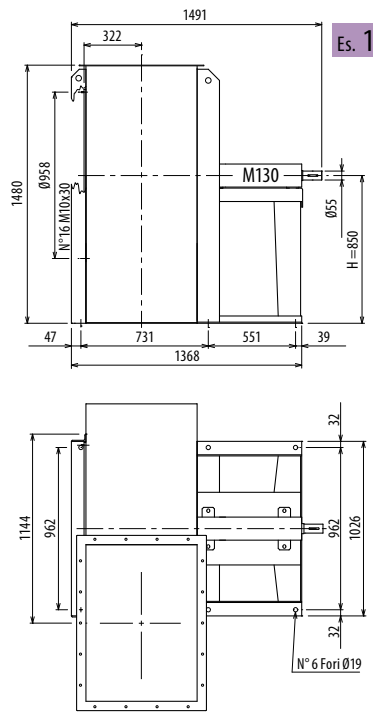
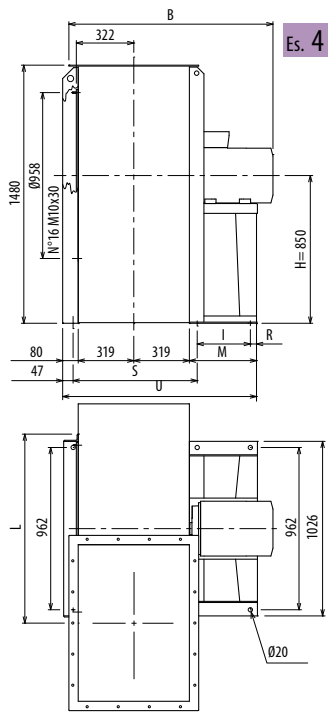
RH

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

RH900



■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Il ventilatore non è orientabile - Peso in tabella comprensivo di motore

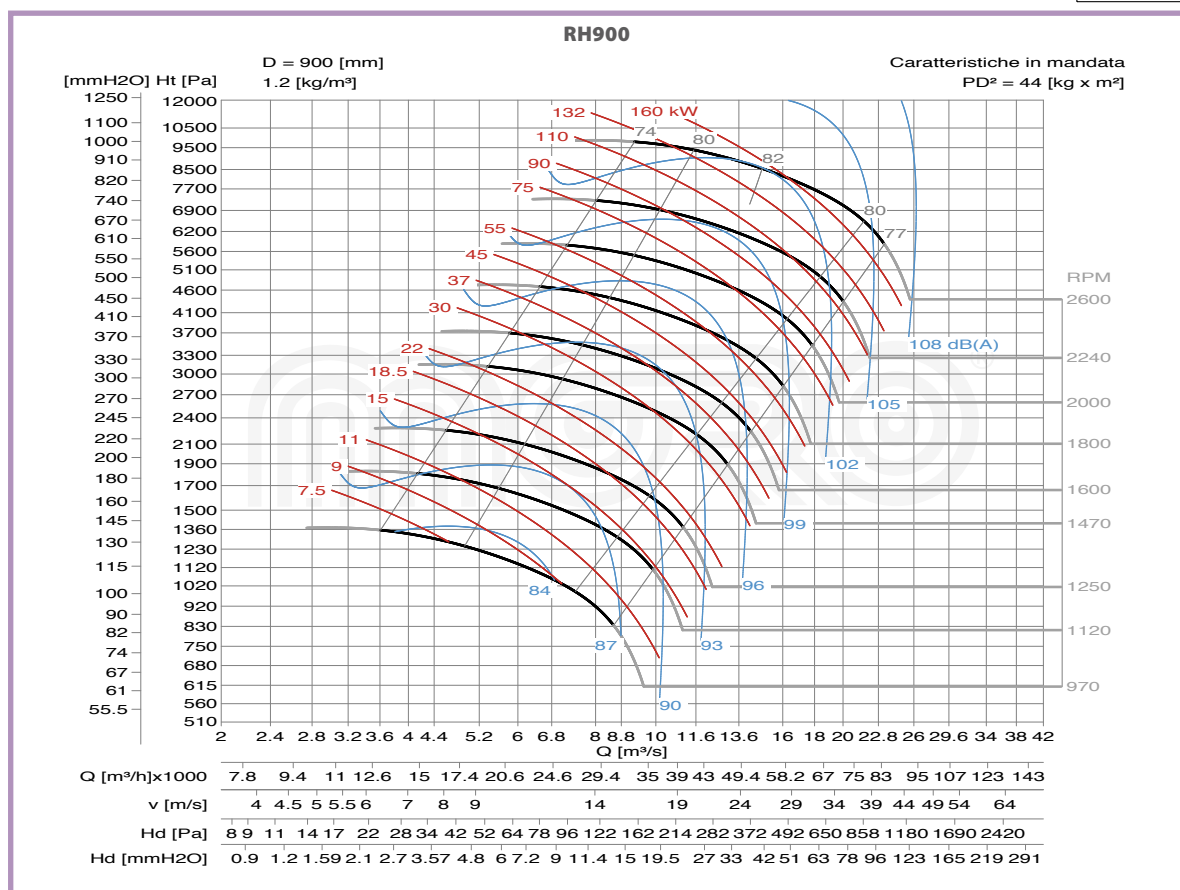
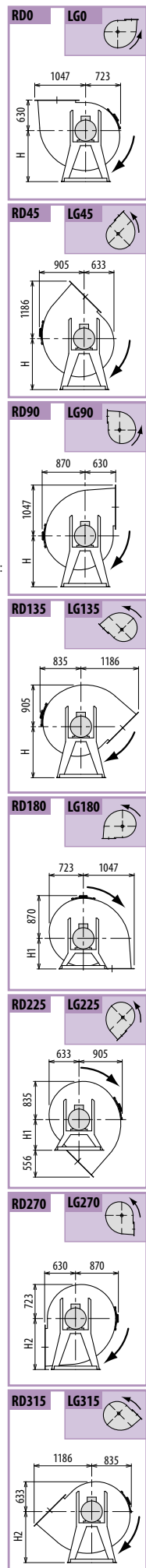
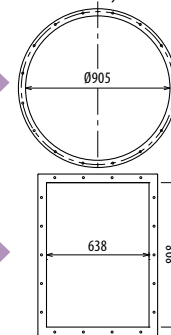
- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor
- Más informaciones y medidas:

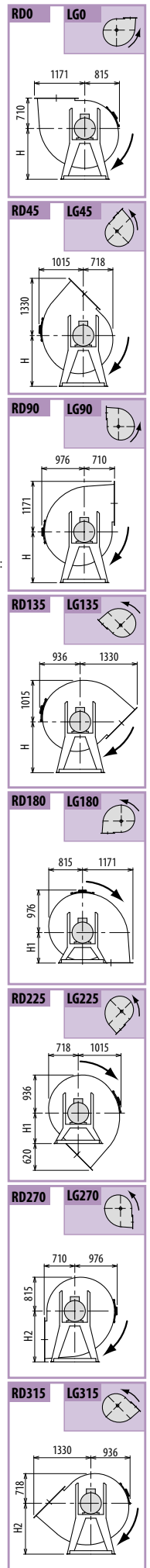
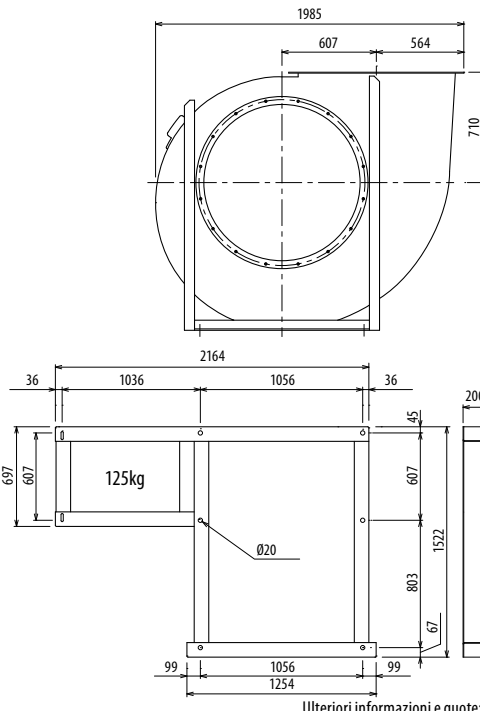
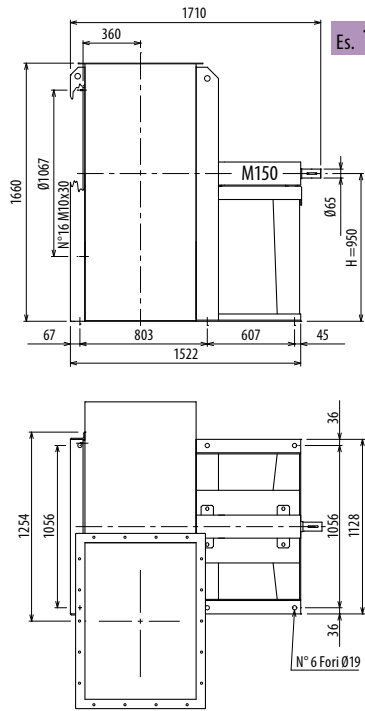
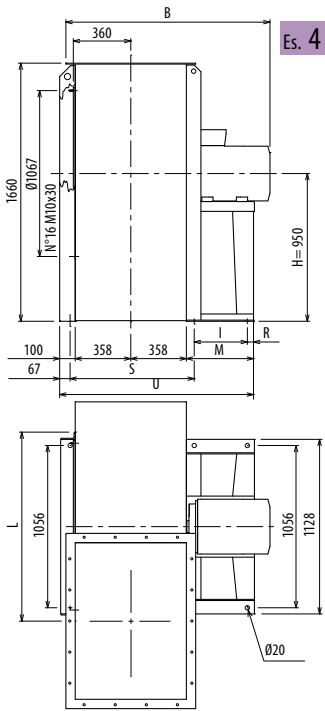
Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	L	R	M	S	U
VENTILATORE Fan	MOTORE Motor												
RH900/4R	200 L4	790	39	1385	401	850	630	1060	1145	39	500	731	1218
RH900/4	225 S4	840	44	1367	441	850	630	1060	1145	39	540	731	1258
RH900/6R	160 M6	544	39	1196	316	850	630	1060	1145	60	436	731	1154
RH900/6	160 L6	556	44	1196	316	850	630	1060	1145	60	436	731	1154
RH900/T		570	44			850	630	1060					

pg. / s.
3.6

pg. / s.
3.5



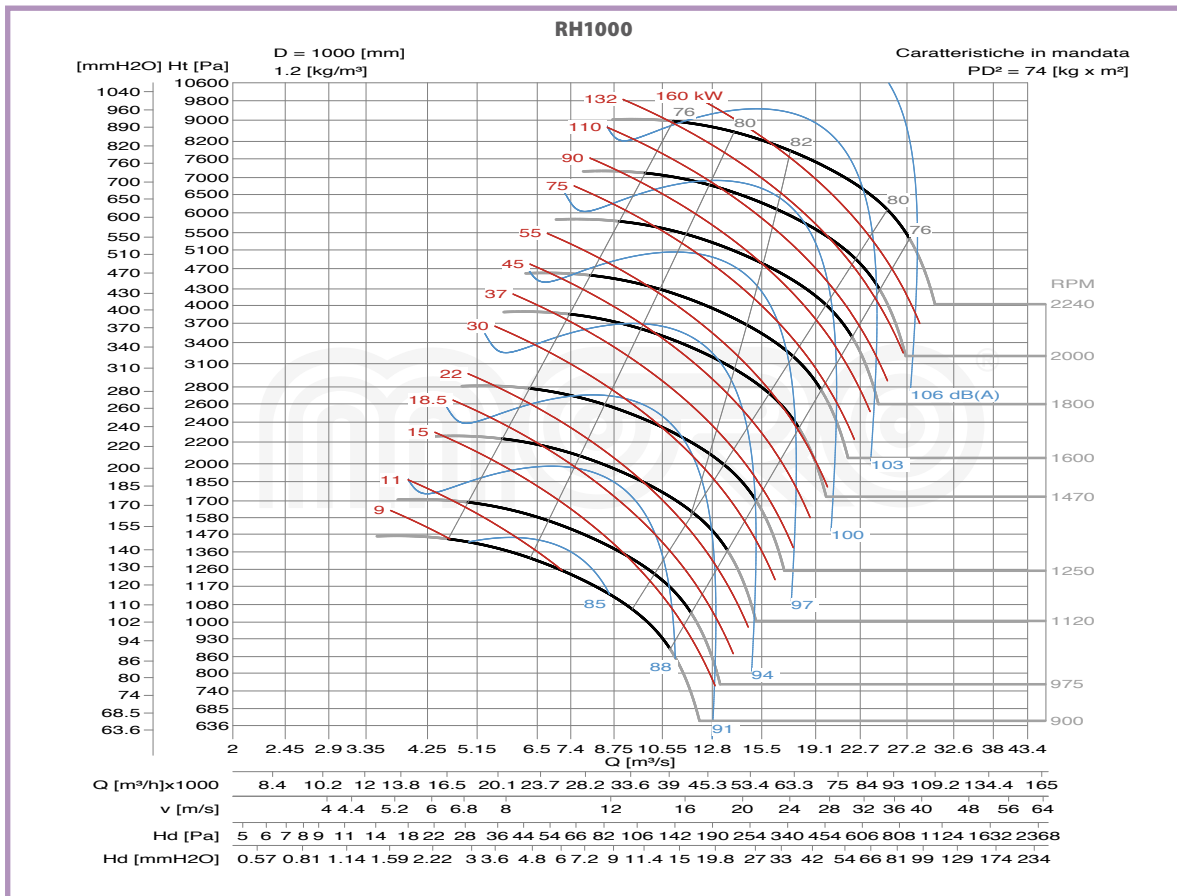
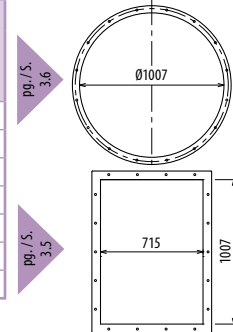


Il ventilatore non è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht in Tafel schließt den Motor ein
- El peso en la tabla incluye el motor
- Weitere Infos und Größen:
- Más informaciones y medidas:

TIPO - Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	L	R	M	S	U
VENTILATORE Fan	MOTORE Motor												
RH1000/4R	225 M4	1020	69	1464	440	950	710	1180	1255	45	540	803	1355
RH1000/4	250 M4	1105	74	1632	500	950	710	1180	1255	45	600	803	1415
RH1000/6R	180 L6	811	64	1374	360	950	710	1180	1255	45	460	803	1275
RH1000/6	200 LA6	885	69	1482	400	950	710	1180	1255	45	500	803	1315
RH1000/T		800	74			950	710	1180					

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:



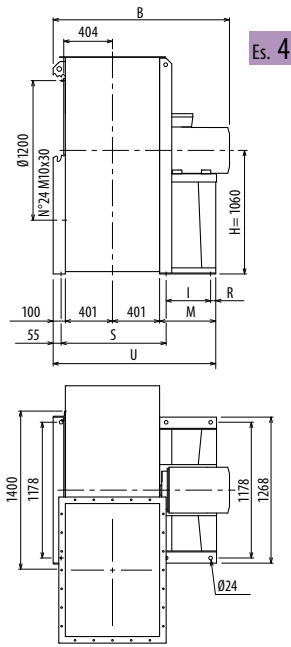
RH

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

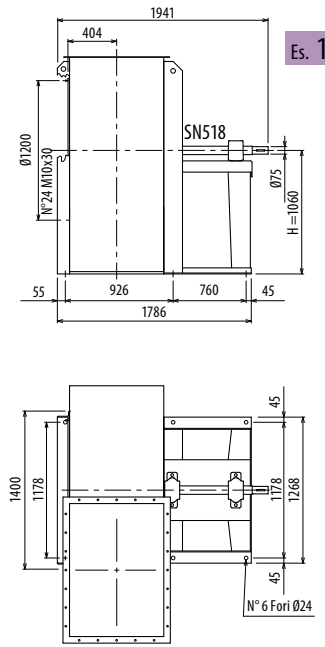
RH1120



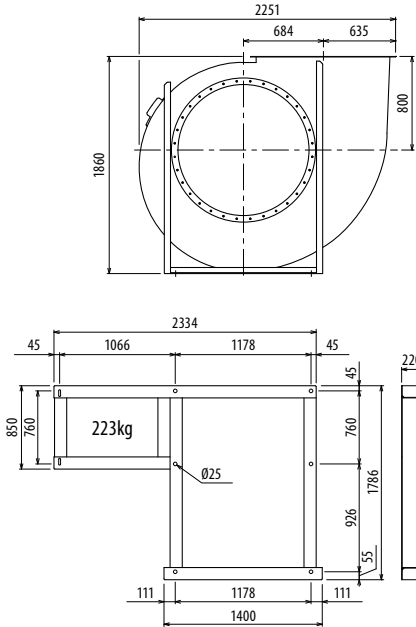
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable
 Le poids dans le tableau inclut le moteur

■ The fan is not revolvable
 The weight indicated in the table includes motor

■ Der Ventilator ist nicht drehbar
 Das Gewicht im Tafel schließt den Motor ein

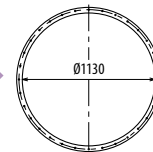
■ El ventilador no es orientable
 El peso en la tabla incluye el motor

Ulteriori informazioni e quote:

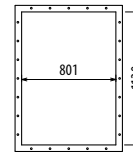
■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U		
RH1120/4R	280 S4	1293	116	1722	565	1060	800	1320	45	926	690	1591		
RH1120/4	315 S4	1493	133	1934	675	1060	800	1320	45	926	800	1701		
RH1120/6R	200 LB6	998	113	1569	375	1060	800	1320	45	926	500	1401		
RH1120/6	225 M6	1153	130	1611	415	1060	800	1320	45	926	540	1441		
RH1120/T		1065	133			1060	800	1320						

pg. / s.
3.6



pg. / s.
3.5



RD0 LG0

RD45 LG45

RD90 LG90

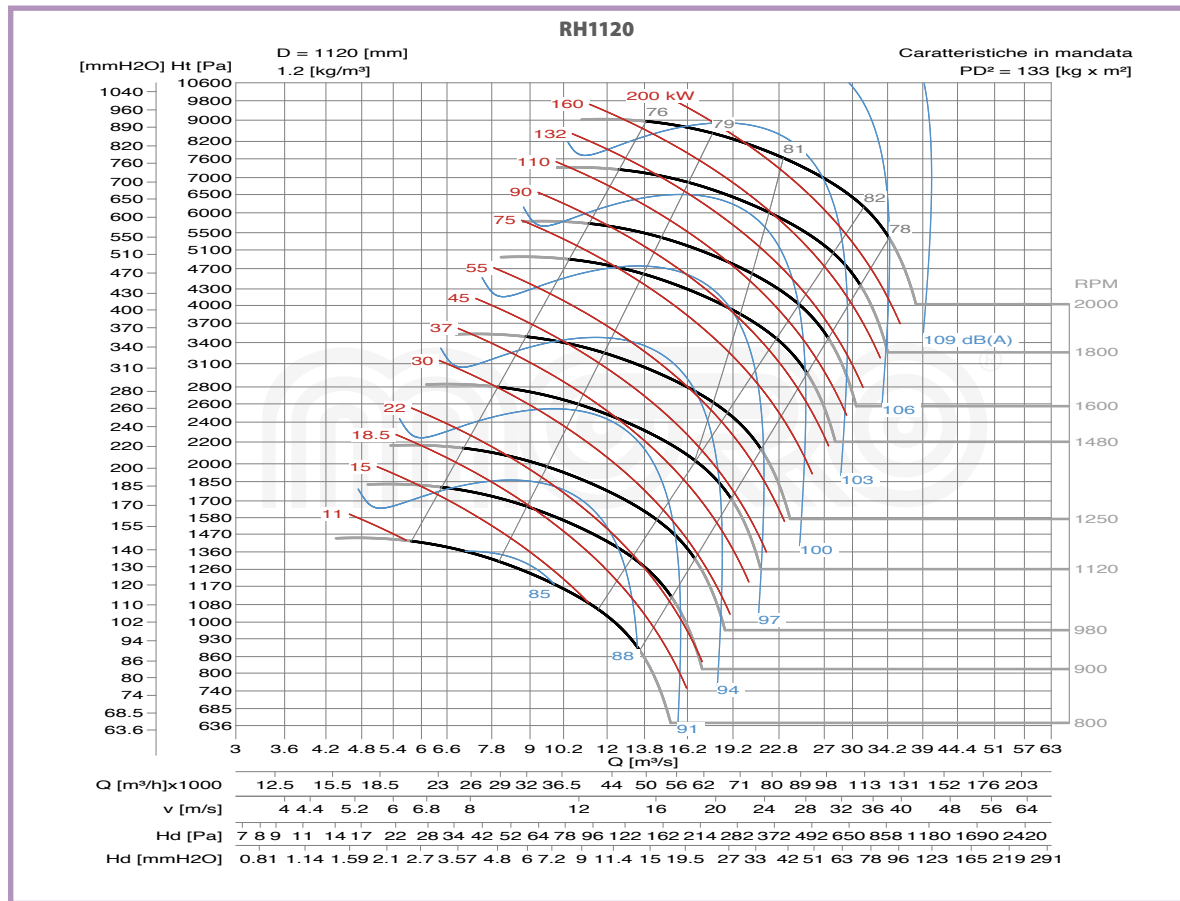
RD135 LG135

RD180 LG180

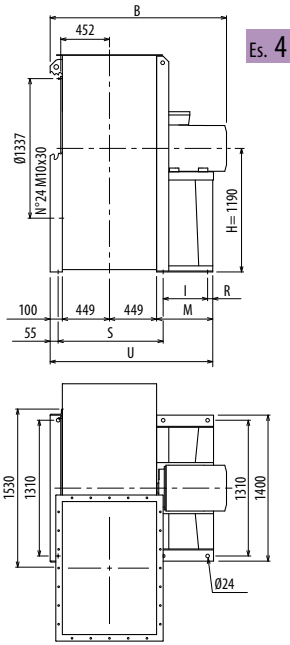
RD225 LG225

RD270 LG270

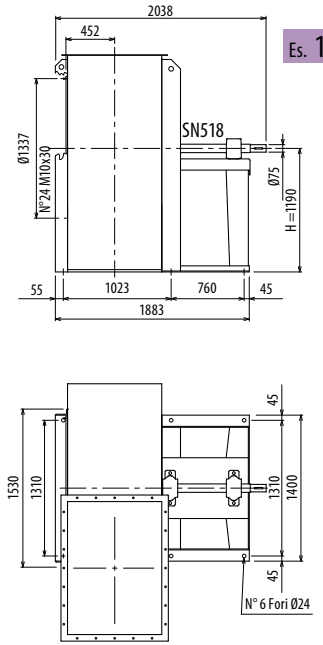
RD315 LG315



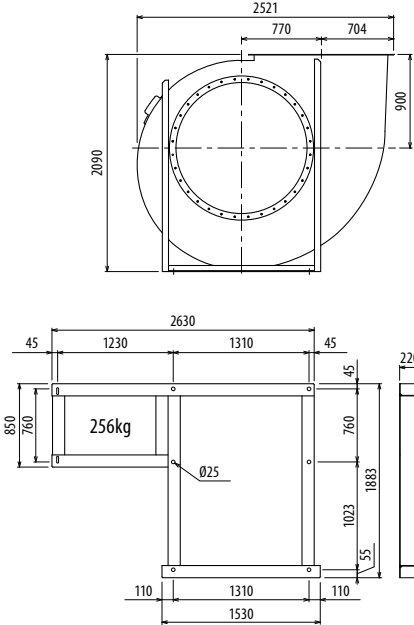
RH



Es. 4



Es. 1



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable ■ The fan is not revolvable

■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable

■ El peso en la tabla incluye el motor

Ulteriori informazioni e quote:

■ Ulérieures informations et cotes:

■ Further information and sizes:

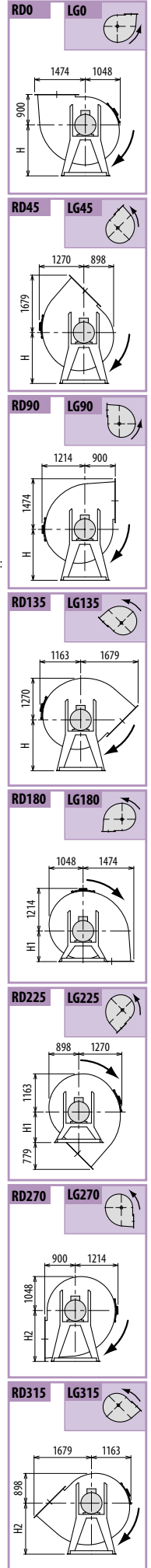
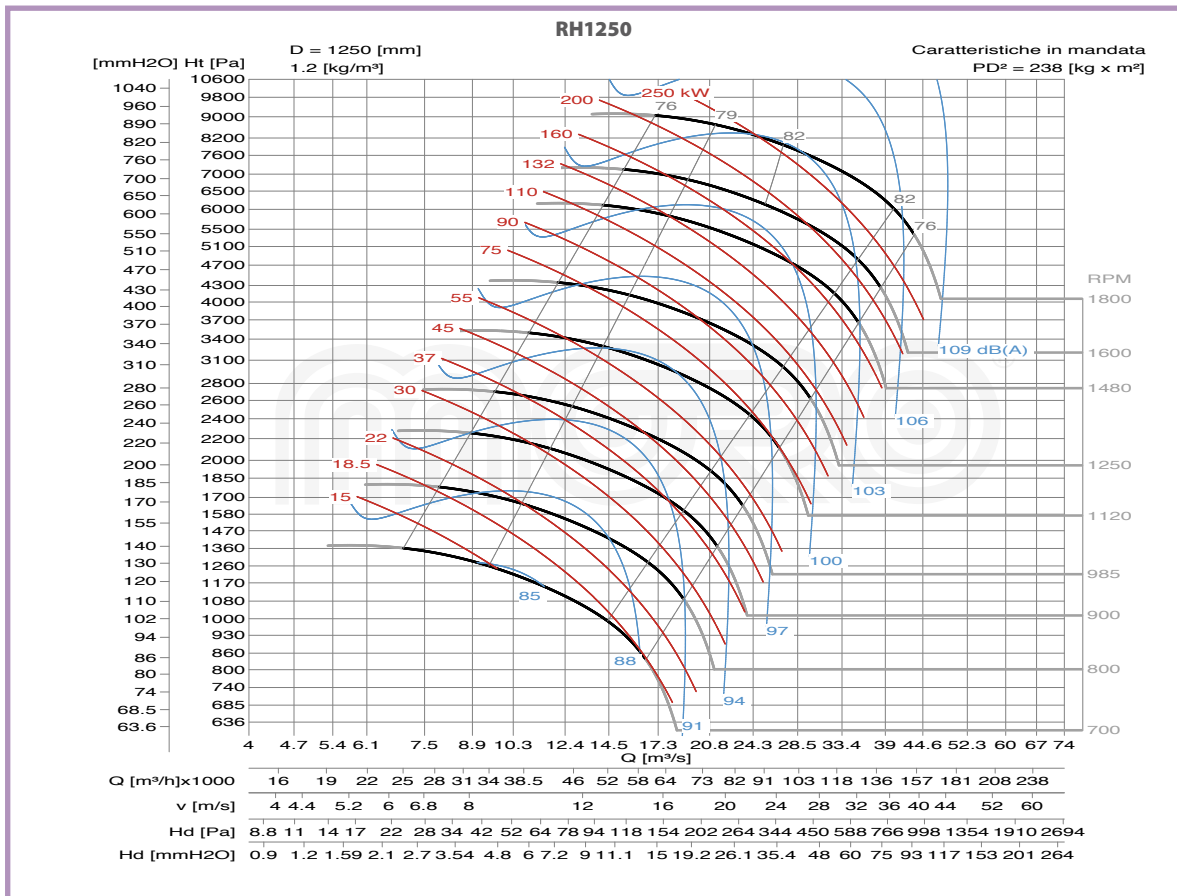
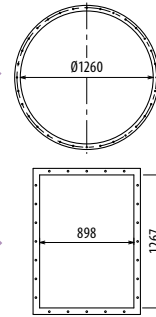
■ Weitere Infos und Größen:

■ Más informaciones y medidas:

TIPO • Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U		
RH1250/4R	315 LA4	2110	209	2030	675	1190	900	1500	45	1023	800	1798		
RH1250/4	315 LB4	2315	238	2030	675	1190	900	1500	45	1023	800	1798		
RH1250/6R	280 S6	1699	209	1818	565	1190	900	1500	45	1023	690	1688		
RH1250/6	280 M6	1739	238	1818	565	1190	900	1500	45	1023	690	1688		
RH1250/T		1258	238			1190	900	1500						

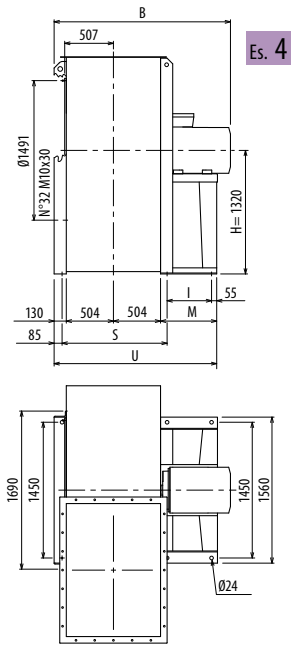
pg. / s. 3,6

pg. / s. 3,5

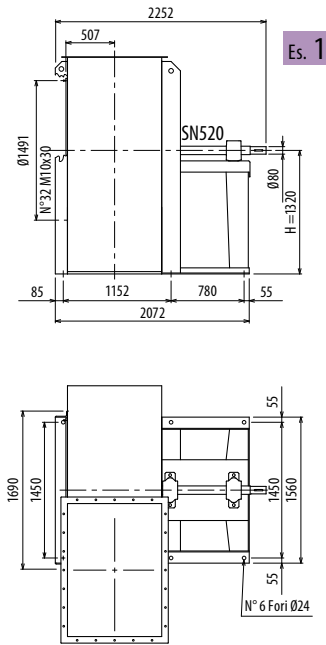


RH

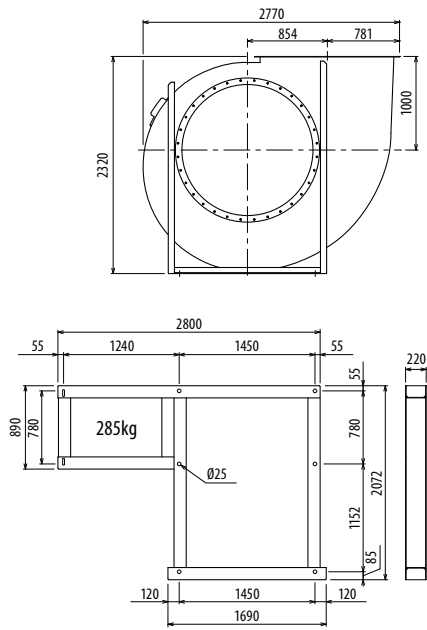
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1

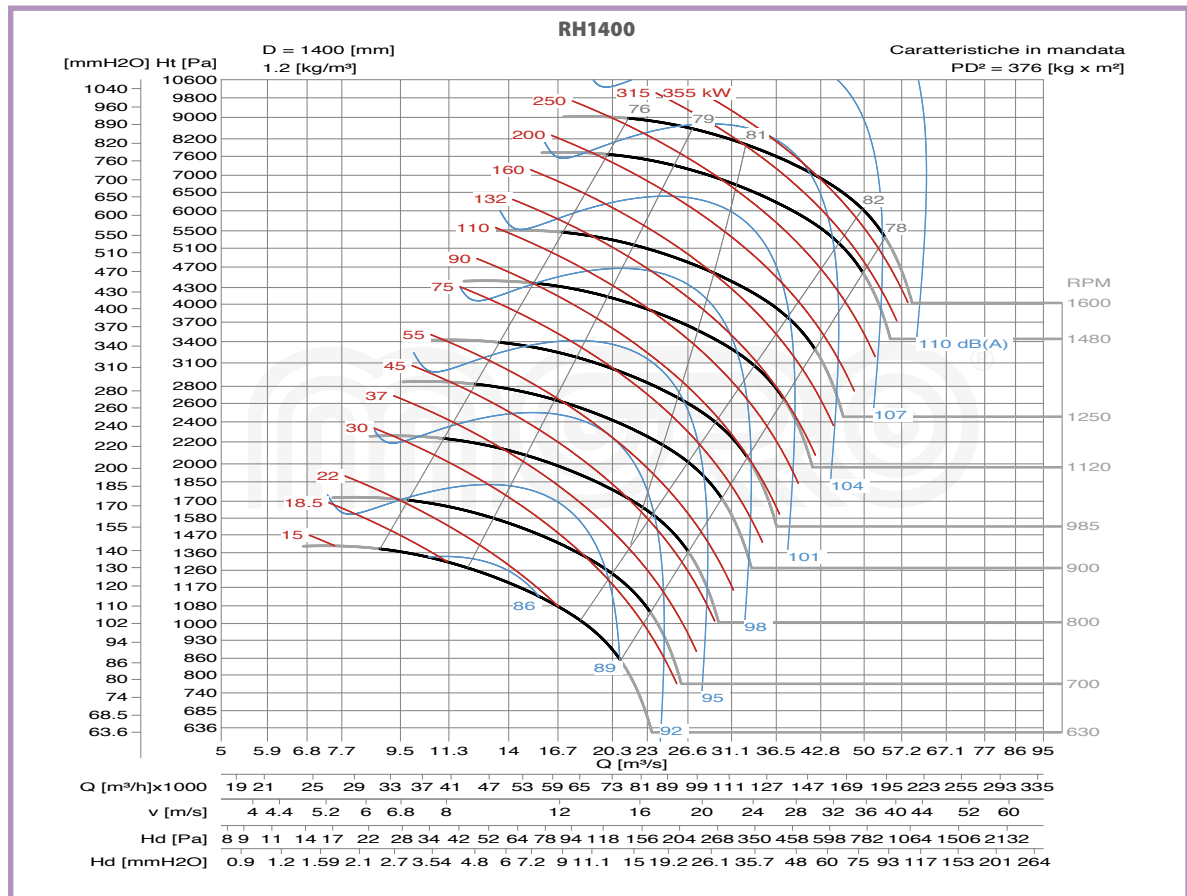
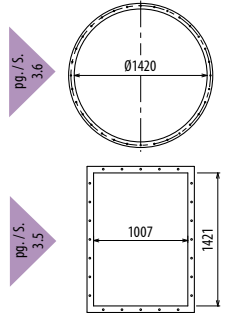


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable
 Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Das Gewicht im Tafel schließt den Motor ein El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight	PD ²										
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	M	S	U
RH1400/4R	315 A4	2772	359	2330	645	1320	1000	1700	1320	1700	800	1152	1937
RH1400/4	315 B4	2777	376	2330	645	1320	1000	1700	1320	1700	800	1152	1937
RH1400/6R	315 S6	2362	359	2330	645	1320	1000	1700	1320	1700	800	1152	1937
RH1400/6	315 M6	2527	376	2330	645	1320	1000	1700	1320	1700	800	1152	1937
RH1400/T		1712	376			1320	1000	1700	1120	1500			



RD0 LG0

RD45 LG45

RD90 LG90

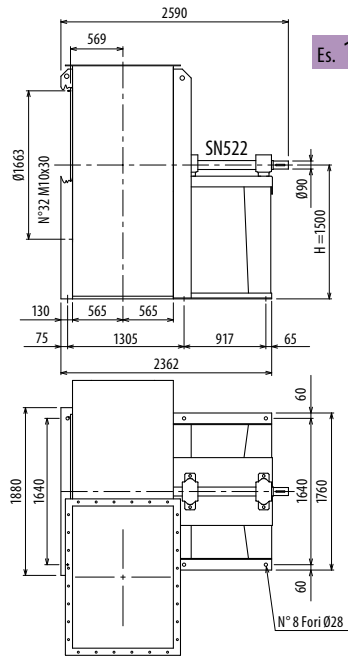
RD135 LG135

RD180 LG180

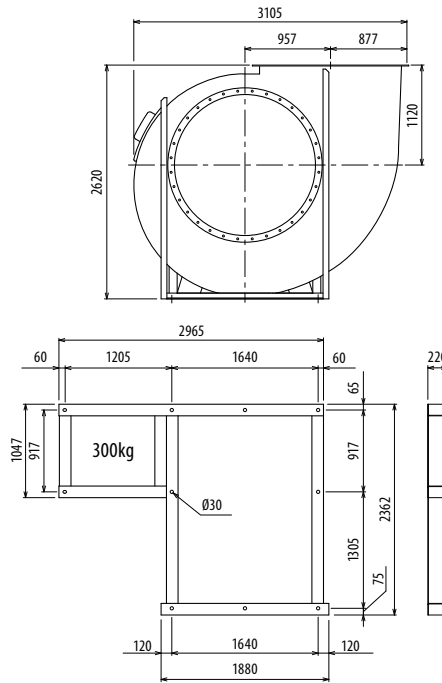
RD225 LG225

RD270 LG270

RD315 LG315



Es. 1

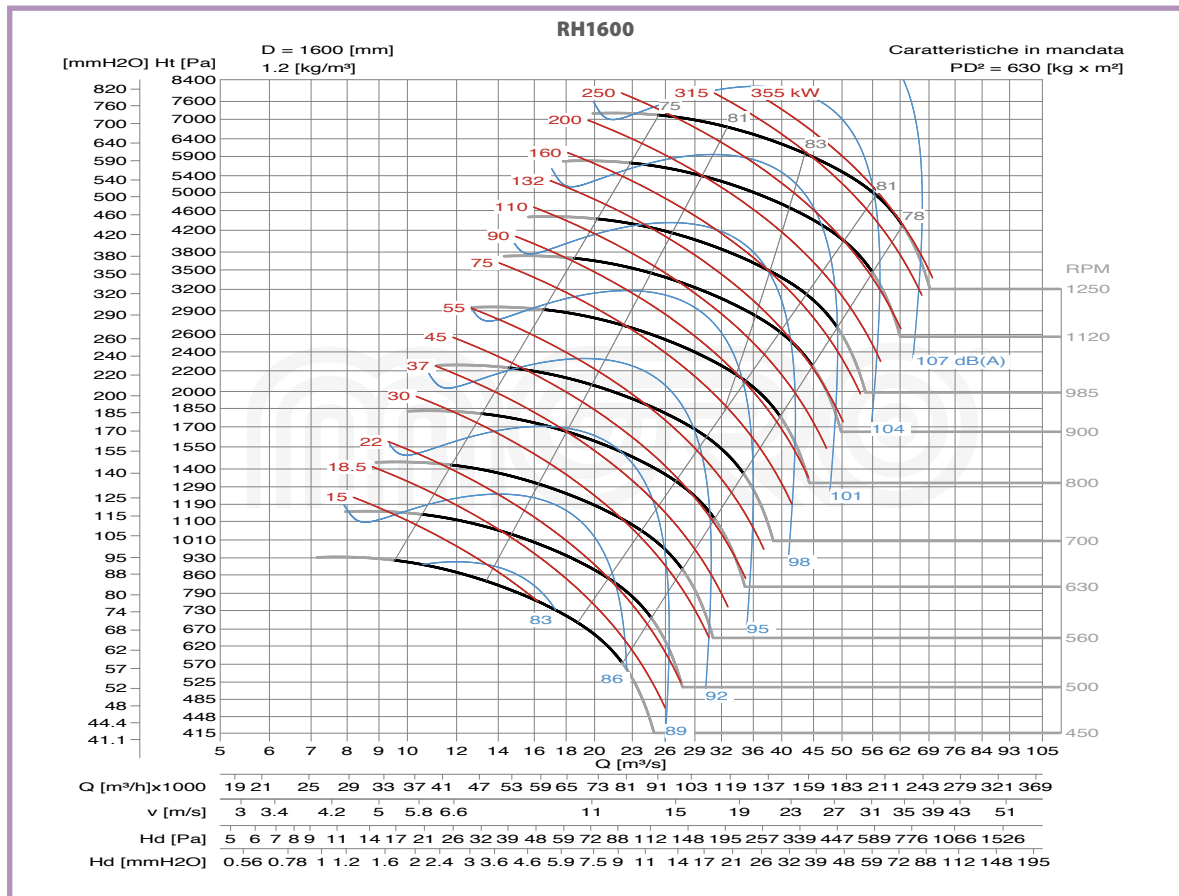
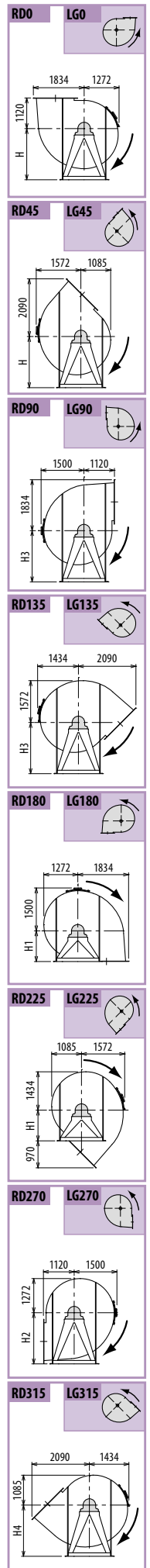
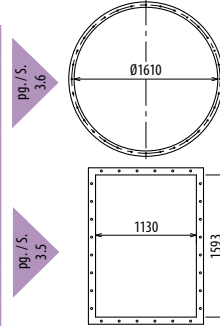


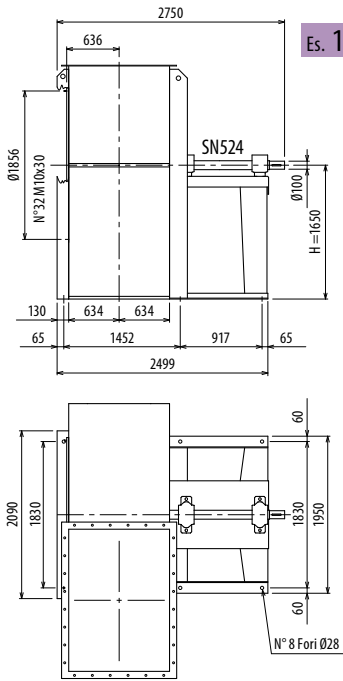
Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

Il ventilatore non è orientabile

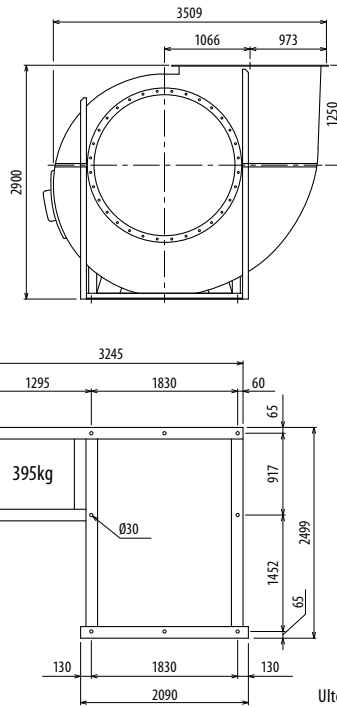
■ Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable

TIPO - Type		PESO Weight	PD ²												
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	M				
RH1600/T		2363	630			1500	1120	1900	1250	1600					





Es. 1

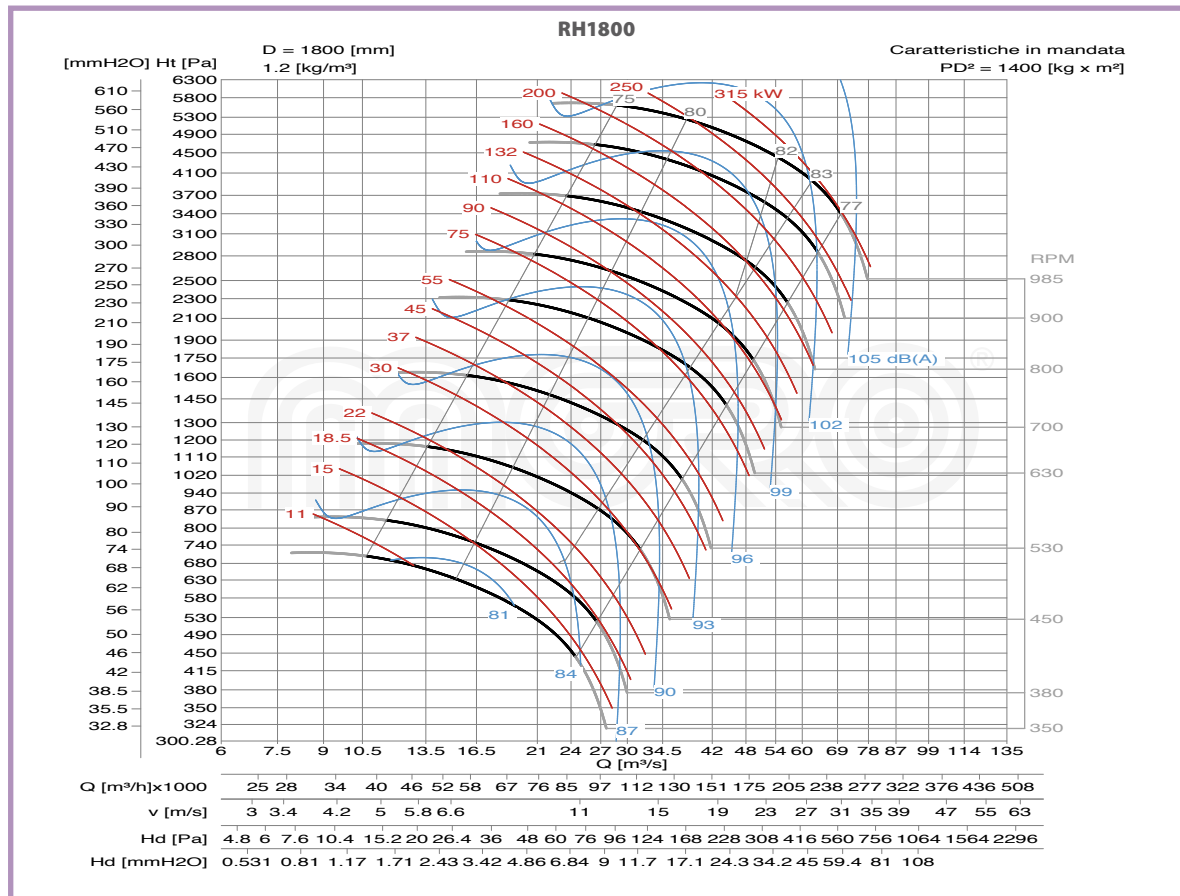
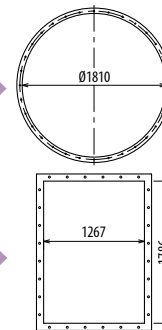


Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

Il ventilatore non è orientabile

■ Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	M	H6		
														pg. / s. 3.6
														pg. / s. 3.5
RH1800/T		2912	1400			1650	1250	2120	1570	1400				



RD0 LG0

RD45 LG45

RD90 LG90

RD135 LG135

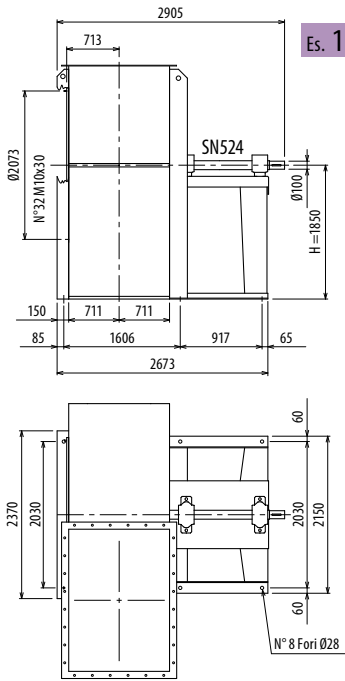
RD180 LG180

RD225 LG225

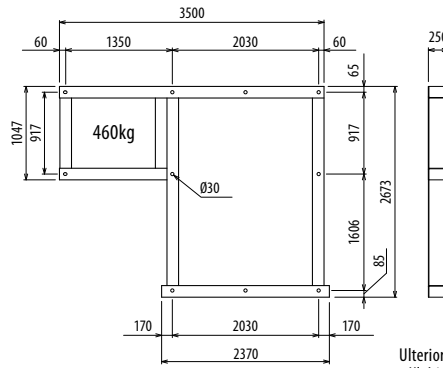
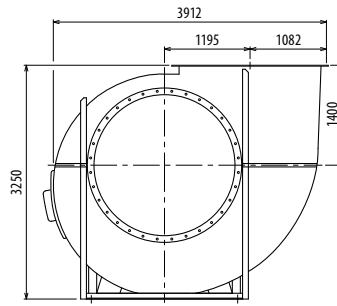
RD270 LG270

RD315 LG315

RH



Es. 1

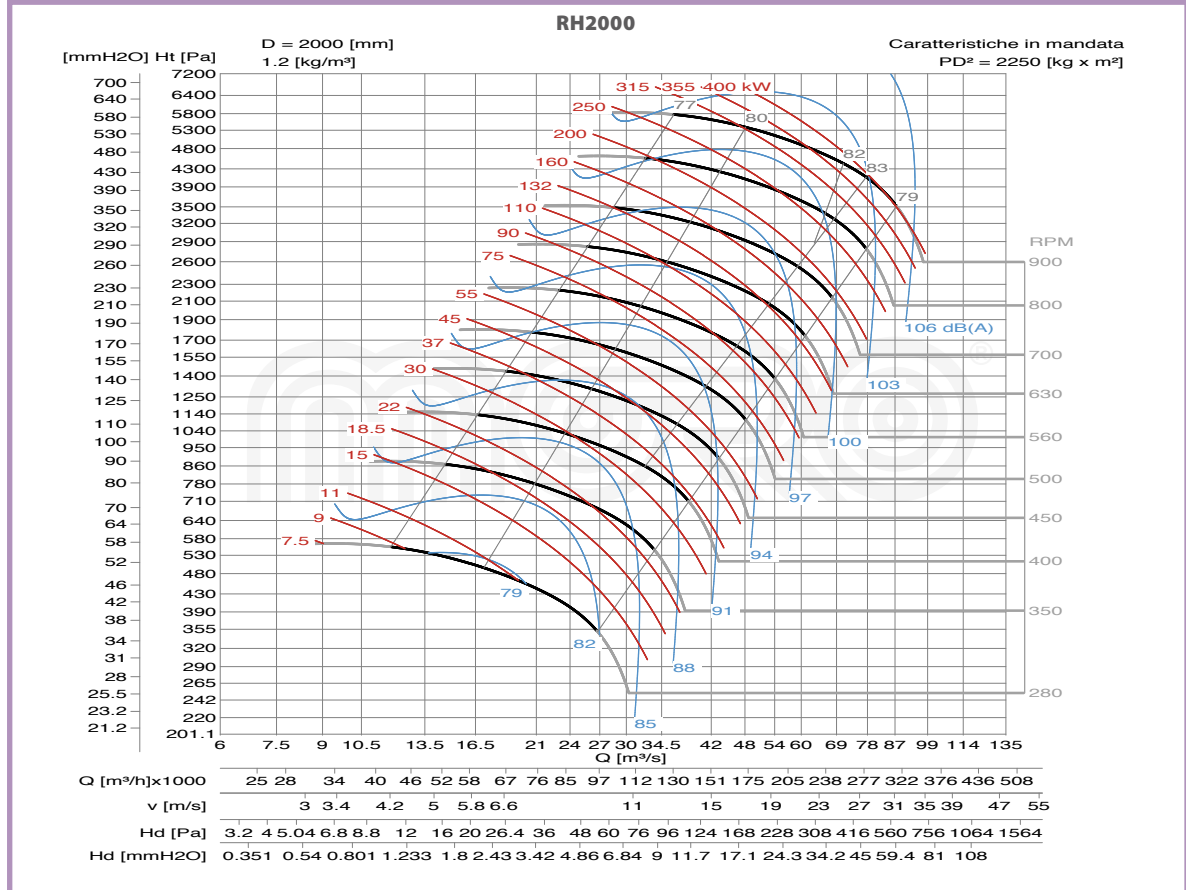
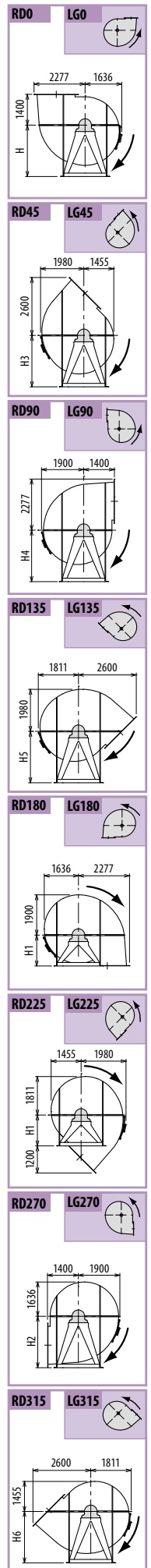
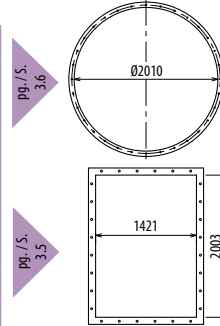


Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

Il ventilatore non è orientabile

■ Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable

TIPO - Type		PESO Weight	PD ²												
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	M	H6			
RH2000/T		3413	2250			1850	1400	2360	1750	1600					



RH

Mod. **RM**

$Q = 360 \div 180000 \text{m}^3/\text{h}$

$Q = 0.1 \div 50 \text{m}^3/\text{s}$

$p_t = 50 \div 560 \text{mmH}_2\text{O}$

$p_t = 500 \div 5500 \text{Pa}$



Campo di lavoro

Portate basse-medie-alte. Pressioni basse-medie.

Tipo di pala

Curva, rovescia (negativa), vedi pag. 2.2.

Applicazioni

Per aspirazione e trasporto di aria anche molto polverosa, segatura, trucioli vari, materiali granulari, ad esclusione di materiali filamentososi.

Esecuzioni costruttive standard

Es.1-Es.4-Es.5-Es.8-Es.9-Es.12, vedi pag. 2.5 - 2.6.

Temperature del fluido standard

-10÷+60°C. Per altre temperature vedi da pag. 1.12 a pag. 1.15.

Tipo di costruzione

Ventilatore in lamiera di Fe360, girante in Fe360 equilibrata staticamente e dinamicamente. Per altri materiali vedi da pag. 1.12 a pag. 1.15.

Dati di funzionamento

Condizioni dell'aria all'aspirazione T=20°C, 0m.s.l.m. e $\rho=1.205 \text{ kg/m}^3$.

Rumorosità

Espressa in potenza sonora L_{wA} [dB(A)] rilevata in campo libero con ventilatore canalizzato, vedi da pag. 1.43 a pag. 1.49.

Orientamenti

N°8 RD (rotazione oraria vista lato trasmissione) e N°8 LG. Ventilatore in versione imbullonata orientabile per le taglie 220-630, orientamento fisso per le taglie 710-2000. Vedi pag. 2.7.

Costruzioni speciali

Vedi da pag. 2.20 a pag. 2.30.

Classi giranti

La seguente tabella fa riferimento a condizioni di lavoro standard. In condizioni di esercizio gravose si consiglia di contattare il servizio clienti di MORO per conoscere la tipologia di girante più idonea.

GRANDEZZA VENTILATORE • Grandeur • Size • Größe • Tamaño	RPM MASSIMO *		
	CLASSE I	CLASSE II	CLASSE III
RM220	5200	6300	
RM250/R	5200	6300	
RM250	5200	6300	
RM280/R	5000	5600	
RM280	5000	5600	
RM310/R	4800	5200	
RM310	4550	5000	
RM350/R	4350	4700	
RM350	4150	4500	
RM400/R	3950	4250	
RM400	3750	4000	
RM450/R	3550	3800	
RM450	3350	3600	
RM500/R	3250	3500	
RM500	3150	3400	
RM560/R	3050	3250	3550
RM560	2950	3150	3300
RM630/R	2600	2950	3200
RM630	2400	2800	3050
RM710/R	2250	2700	2950
RM710	2100	2500	2750
RM800/R	2000	2400	2600
RM800	1900	2200	2400
RM900/R	1750	2100	2300
RM900	1650	2000	2200
RM1000/R	1550	1850	2050
RM1000	1450	1700	1900
RM1120/R	1350	1600	1750
RM1120	1250	1500	1650
RM1250/R	1150	1350	1550
RM1250	1050	1250	1450
RM1400/R	1000	1200	1350
RM1400	950	1150	1300
RM1600	900	1050	1200
RM1800	950	1050	1150
RM2000	850	950	1050

FRA	60°C	E	100°C	DECLASSARE VELOCITÀ	4%
	• entre		100°C		• et
• between	150°C	• and	200°C	• degrade speed	16%
• zwischen	200°C	• und	250°C	• Geschwindigkeit herabsetzen	23%
• entre	250°C	• y	300°C	• rebajar velocidad	30%
	300°C		350°C		37%
	350°C		400°C		45%
	400°C		450°C		54%
	450°C		500°C		64%

* VALORI VALIDI FINO A 60°C

• Valeurs valables jusqu'à 60°C • Values valid up to 60°C
• Werte bis 60°C gültig • Valores válidos hasta 60°C

■ Domaine de travail

Débits petits-moyens-élevés. Basses-moyennes pressions.

Type d'ailette

Courbée, inversée (négative), voir page 2.2.

Applications

Pour aspiration et transport d'air très poussiéreux, de sciure, de divers copeaux, de matières en granulés, sauf matières filamenteuses.

Configurations de constructions standard

Ex.1- Ex.4- Ex.5- Ex.8- Ex.9- Ex.12, voir pages 2.5 - 2.6.

Températures du fluide standard

-10÷+60°C. Pour d'autres températures voir pages 1.12-1.15.

Type de fabrication

Ventilateur en tôle de Fe360, turbine en Fe360 équilibrée statiquement et dynamiquement. Pour d'autres matériaux, voir pages 1.12-1.15.

Données de fonctionnement

Conditions de l'air à l'aspiration T=20°C, 0 m asl et $\rho=1.205 \text{ kg/m}^3$.

Niveau sonore

Exprimé en puissance sonore L_{wA} [dB(A)], relevé à l'air libre avec un ventilateur canalisé, voir pages 1.43 - 1.49.

Orientations

8 RD (rotation dans le sens des aiguilles d'une montre côté transmission) et 8 LG. Ventilateur en version boulonnée orientable pour les tailles 220-630, orientation fixe pour les tailles 710-2000. Voir page 2.7.

Fabrications spéciales

Voir pages 2.20-2.30.

Classes de turbines

Le tableau ci-dessus fait référence aux conditions de travail normales, en conditions de travail pénibles, on préconise de contacter le service clientèle de MORO pour connaître le type de turbine le plus adapté.

■ Field of operation

Low-medium-high flow rates. Medium-low pressures.

Blade type

Curve, backward (negative), see pg. 2.2.

Applications

For the inlet and transport of potentially very dusty air, sawdust, various chips, granular materials, with the exclusion of filaments.

Standard constructional arrangements

Arr.1-Arr.4-Arr.5-Arr.8-Arr.9-Arr.12, see pgs. 2.5 - 2.6.

Standard fluid temperatures

-10÷+60°C. For other temperatures see pgs. 1.12 to 1.15.

Type of construction

Fan in Fe360 plate, impeller in Fe360 statically and dynamically balanced. For other materials see pgs. 1.12 to 1.15.

Operating specifications

Condition of inlet air T=20°C, 0 m above sea level and $\rho=1.205 \text{ kg/m}^3$.

Noise level

Expressed as sound power L_{wA} [dB(A)] measured in free field with ducted fan, see pgs. 1.43 to 1.49.

Orientations

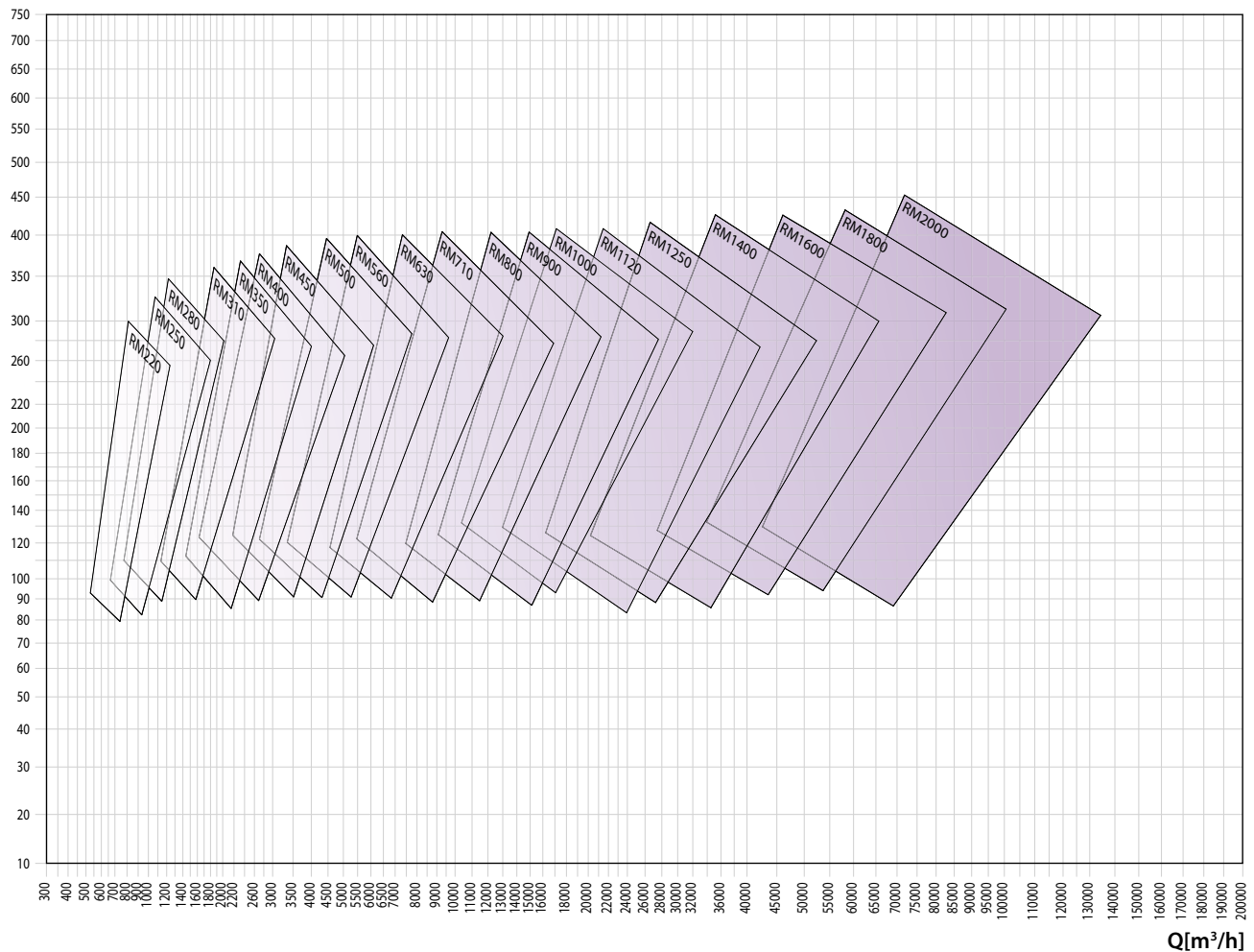
No.8 RD (clockwise viewed from transmission side) and No.8 LG. Fan in bolted orientable version for sizes 220-630, fixed orientation for sizes 710-2000. See pg. 2.7.

Special applications

See pgs. 2.20 to 2.30.

Impeller classes

The above table refers to standard operating conditions, in heavy-duty service conditions it is advisable to contact the MORO Customer Service to establish the most suitable type of impeller.

pt [mmH₂O]

■ Arbeitsbereich

Niedrige - mittlere - grosse Fördermengen. Mittlere - niedrige Drücke.

Schaufelform

Kurve, rückwärts gekrümmt (negativ), siehe Seite 2.2.

Anwendungen

Zur Absaugung und zum Transport von stark staubhaltiger Luft, vermisch mit Sägestaub, Spänen verschiedener Art, Granulaten, ausser fadenförmigen Materialien.

Konstruktive Standardausführungen

Ausf. 1-Ausf. 4-Ausf. 5-Ausf. 8-Ausf. 9-Ausf. 12, siehe Seiten 2.5 - 2.6.

Standardtemperatur des Mediums

-10 ÷ +60°C. Für andere Temperaturen siehe Seiten 1.12 bis 1.15.

Konstruktionsart

Ventilator aus Blech Fe360, Laufrad aus Fe360, statisch und dynamisch ausgewuchtet. Für andere Materialien siehe Seiten 1.12 bis 1.15.

Betriebsdaten

Physikalischer Zustand der Ansaugluft T=20°C, 0 m ü. M. und ρ=1.205 kg/m³.

Geräuschpegel

angegeben als Schalleistungspegel L_{wA} [dB(A)] mit Messung im Freifeld und an Rohren angeschlossenen Ventilatoren, siehe Seiten 1.43 bis 1.49.

Ausrichtung

8 Modelle RD (Drehrichtung im Uhrzeigersinn, von Antriebsseite aus gesehen) und 8 Modelle LG. Angeschraubter, in der Ausrichtung veränderbarer Ventilator in den Grössen 220 - 630, mit Vorderstütze und damit nicht veränderbar ab Grösse 710 mit Riementrieb, immer ausrichtbar bei allen direkt angetriebenen Ventilatoren ohne Vorderstütze, siehe Seite 2.7.

Spezialausführungen

Siehe Seiten 2.20 bis 2.30.

Laufradklassen

Die obenstehende Tabelle bezieht sich auf normale Betriebsbedingungen. Bei erschwerenden Betriebsbedingungen wird empfohlen, den Kundenservice der MORO zu kontaktieren, um den am besten geeigneten Laufradtyp zu bestimmen.

■ Campo de trabajo

Caudales pequeños-medios-altos. Presiones medias-bajas.

Tipo de pala

Curva, invertida (negativa), ver pág. 2.2.

Aplicaciones

Para aspiración y transporte de aire incluso muy cargado de polvo, serrín, virutas de distintos tipos y materiales granulados, exceptuando los materiales filamentosos.

Variantes constructivas estándares

Ejec.1-Ejec.4-Ejec.5-Ejec.8-Ejec.9-Ejec.12, ver págs. 2.5 - 2.6.

Temperaturas del fluido estándares

De -10 a +60°C. Para otras temperaturas, ver págs. de 1.12 a 1.15.

Tipo de construcción

Ventilador de chapa en Fe360, rotor en Fe360 equilibrado estática y dinámicamente. Para otros materiales, ver págs. de 1.12 a 1.15.

Datos de funcionamiento

Condiciones del aire en aspiración T=20°C, 0 m SNM y ρ=1.205 kg/m³.

Niveles de ruido

Expresados en potencia sonora L_{wA} [dB(A)] medida en campo abierto con ventilador canalizado, ver págs. de 1.43 a 1.49.

Orientaciones

8 RD (rotación dextrógira vista desde el lado de transmisión) y 8 LG. Ventilador en versión empernada orientable para tamaños 220-630, orientación fija para tamaños 710-2000. Ver pág. 2.7.

Construcciones especiales

Ver págs. de 2.20 a 2.30.

Clases de rotores

La tabla arriba hace referencia a condiciones de trabajo estándares, en condiciones de funcionamiento pesadas, se aconseja llamar al Servicio de atención al cliente de MORO para conocer el tipo de rotor más adecuado.

Tipo • Type • Type • Typ • Tipo		P inst. [kW]	n	LpA [dB(A)]	Tolleranza sulla portata ±5% • Tolérance sur le débit ±5% • Load tolerance ±5% • Durchsatztoleranz ±5% • Tolerancia respecto caudal ±5%																					
Ventilatore • Ventilateur • Fan • Ventilator • Ventilador	Motore • Moteur • Motor • Motor • Motor				Q [m³/h]																					
					360	400	430	470	540	650	720	790	865	935	1080	1225	1370	1440	1620	1800	2160	2520	2880	3240	3600	
					pt[mmH ₂ O]																					
RM220/2	63	0,18	2820	54	71	70	69	67	64	57	52	45														
RM250/2R	63	0,25	2820	57			85	84	83	79	76	71	66	61	48											
RM250/2	71	0,37	2820	59				98	96	93	91	88	85	82	72	60	44									
RM280/2R	71	0,55	2850	61					110	109	108	106	104	102	96	88	77	72	53							
RM280/2	80	0,75	2850	61						123	122	121	120	118	114	109	102	98	86	70						
RM310/2R	80	1,1	2920	65									156	154	151	148	144	141	135	127	106	74				
RM310/2	90	1,5	2920	65										166	163	159	156	154	149	143	126	101				
RM350/2R	90	1,5	2920	63											190	190	190	189	187	180						
RM350/2	90	2,2	2920	68													207	207	207	203	195	183	168	148		
RM400/2R	100	3	2940	70																277	274	266	255	241	223	
RM400/2	112	4	2940	71																	292	290	284	275	263	248
RM450/2R	132	5,5	2940	74																				339	337	332
RM450/2	132	7,5	2940	73																					356	353
RM500/2R	160	11	2950	77																						
RM500/2	160	15	2950	77																						
RM560/2R	160	18,5	2960	81																						
RM560/2	180	22	2960	81																						
RM500/4R	90	1,1	1420	62															89	88	87	83	78	72		
RM500/4	90	1,5	1420	64																95	94	93	90	85		
RM560/4R	100	2,2	1420	66																				113	112	110
RM560/4	100	3	1420	67																				121	121	120
RM630/4R	112	4	1440	69																						143
RM630/4	132	5,5	1460	70																						
RM710/4R	132	7,5	1460	72																						
RM710/4	160	11	1460	74																						
RM800/4R	160	15	1460	75																						
RM800/4	180	18,5	1460	76																						
RM900/4R	200	30	1465	78																						
RM900/4	225	37	1470	78																						
RM1000/4R	225	45	1470	80																						
RM1000/4	250	55	1485	82																						
RM1120/4R	280	75	1490	83																						
RM1120/4	280	90	1490	84																						
RM800/6R	132	4	955	66																						
RM800/6	132	5,5	960	68																						
RM900/6R	160	7,5	970	70																						
RM900/6	160	11	970	71																						
RM1000/6R	180	15	980	73																						
RM1000/6	200	18,5	985	73																						
RM1120/6R	200	22	985	74																						
RM1120/6	225	30	985	76																						
RM1250/6R	250	37	990	78																						
RM1250/6	280	45	990	78																						
RM1400/6R	280	55	990	80																						
RM1400/6	315	75	995	81																						

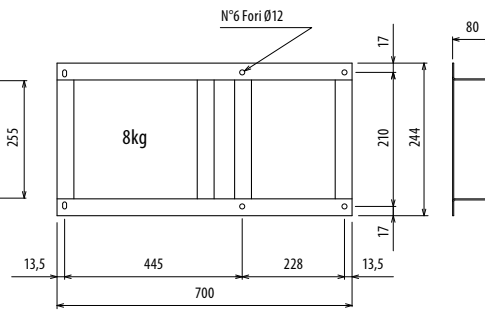
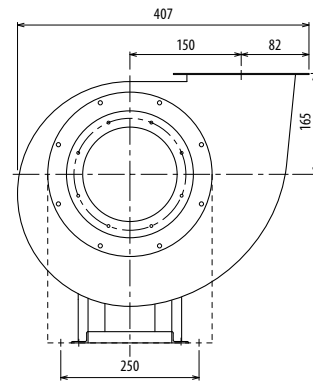
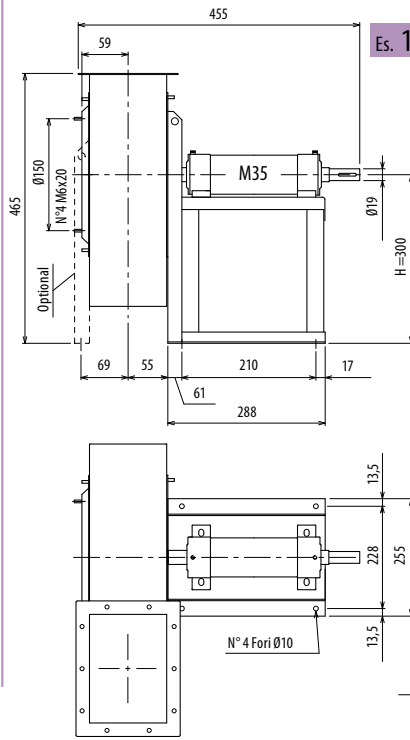
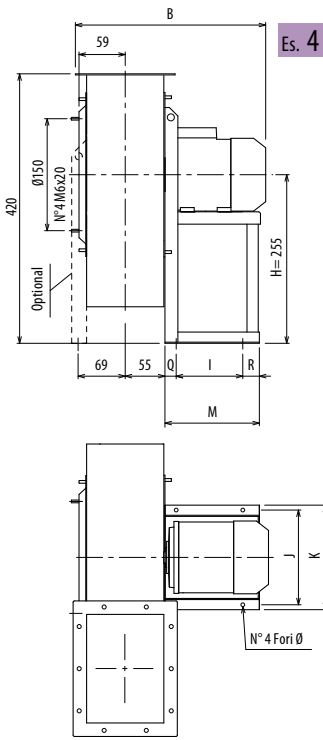
RM

Il livello di pressione sonora ponderato A, LpA (cap.14), corrisponde al valore rilevato, nelle condizioni di prova, nel punto di massima rumorosità.

Tipo • Type • Type • Typ • Tipo		P inst. [kW]	n	LpA [dB(A)]	Tolleranza sulla portata ±5% • Tolérance sur le débit ±5% • Load tolerance ±5% • Durchsatztoleranz ±5% • Tolerancia respecto caudal ±5%																					
Ventilatore • Ventilateur • Fan • Ventilator • Ventilador	Motore • Moteur • Motor • Motor • Motor				Q [m³/h]																					
					360	400	430	470	540	650	720	790	865	935	1080	1225	1370	1440	1620	1800	2160	2520	2880	3240	3600	
					pt[mmH ₂ O]																					
RM220/2	63	0,18	2820	54	70	69	68	66	63	56	51	44														
RM250/2R	63	0,25	2820	57			85	84	83	79	76	72	67	62	50											
RM250/2	71	0,37	2820	59				97	96	93	91	88	86	83	73	62	47									
RM280/2R	71	0,55	2850	61					109	108	108	106	104	102	97	89	79	74	56							
RM280/2	80	0,75	2850	61						122	121	120	120	118	114	110	103	100	88	73						
RM310/2R	80	1,1	2920	65									154	152	150	147	144	141	135	128	109	79				
RM310/2	90	1,5	2920	65										164	161	158	155	153	149	144	128	105				
RM350/2R	90	1,5	2920	63											187	188	188	187	185	179						
RM350/2	90	2,2	2920	68													204	204	205	202	195	184	169	152		
RM400/2R	100	3	2940	70																271	269	262	252	239	223	
RM400/2	112	4	2940	71																	285	284	279	271	260	247
RM450/2R	132	5,5	2940	74																				330	329	324
RM450/2	132	7,5	2940	73																					346	344
RM500/2R	160	11	2950	77																						
RM500/2	160	15	2950	77																						
RM560/2R	160	18,5	2960	81																						
RM560/2	180	22	2960	81																						
RM500/4R	90	1,1	1420	62																89	88	87	83	79	73	
RM500/4	90	1,5	1420	64																	95	94	93	90	86	
RM560/4R	100	2,2	1420	66																				112	112	110
RM560/4	100	3	1420	67																				120	120	120
RM630/4R	112	4	1440	69																						142
RM630/4	132	5,5	1460	70																						
RM710/4R	132	7,5	1460	72																						
RM710/4	160	11	1460	74																						
RM800/4R	160	15	1460	75																						
RM800/4	180	18,5	1460	76																						
RM900/4R	200	30	1465	78																						
RM900/4	225	37	1470	78																						
RM1000/4R	225	45	1470	80																						
RM1000/4	250	55	1485	82																						
RM1120/4R	280	75	1490	83																						
RM1120/4	280	90	1490	84																						
RM800/6R	132	4	955	66																						
RM800/6	132	5,5	960	68																						
RM900/6R	160	7,5	970	70																						
RM900/6	160	11	970	71																						
RM1000/6R	180	15	980	73																						
RM1000/6	200	18,5	985	73																						
RM1120/6R	200	22	985	74																						
RM1120/6	225	30	985	76																						
RM1250/6R	250	37	990	78																						
RM1250/6	280	45	990	78																						
RM1400/6R	280	55	990	80																						
RM1400/6	315	75	995	81																						

RM

Il livello di pressione sonora ponderato A, LpA (cap.14), corrisponde al valore rilevato, nelle condizioni di prova, nel punto di massima rumorosità.

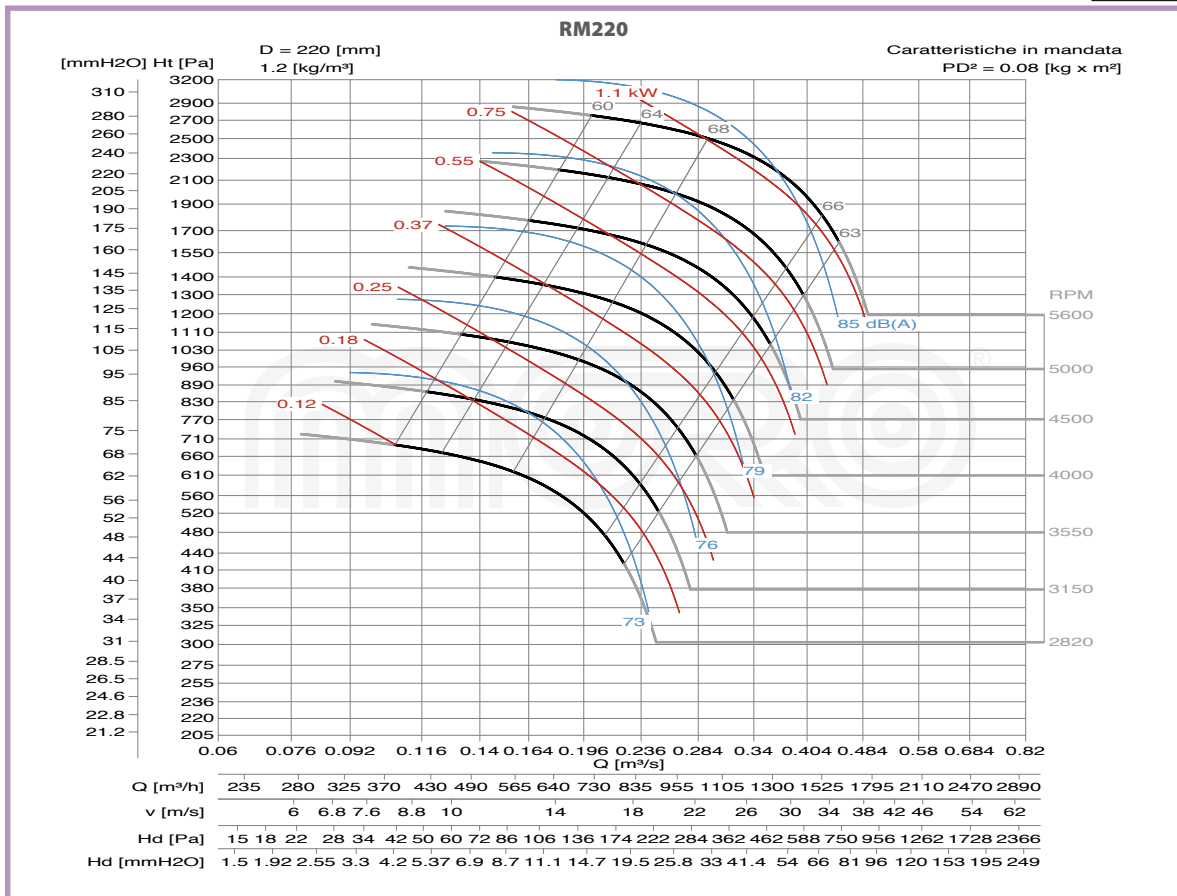
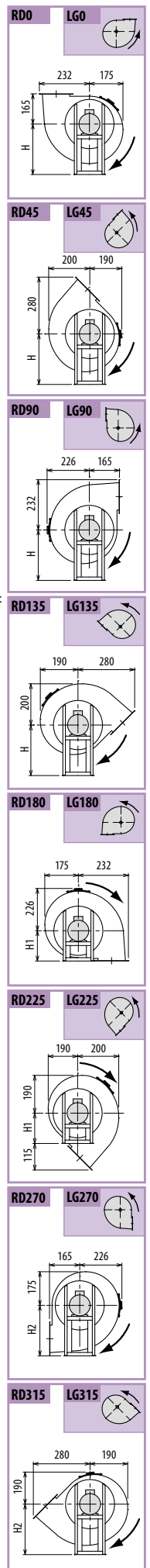
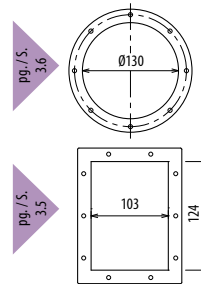


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Gewichtsangabe in Tabelle inkl. Motor
- El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

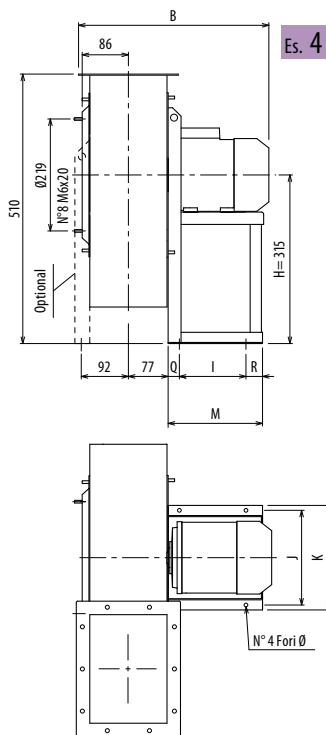
TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
RM220/2	63 A2	18	0,08	307	86	255	165	255	184	206	150	48	16	10
RM220/T		20	0,08			300	180	300						



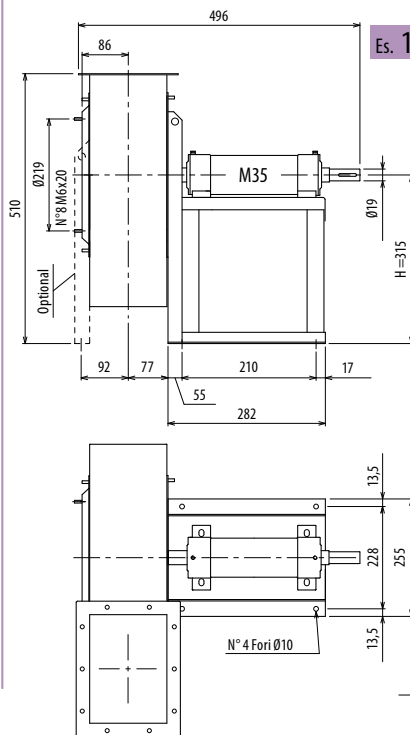
DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAßE UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

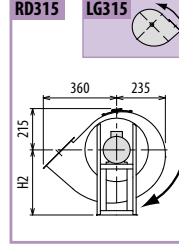
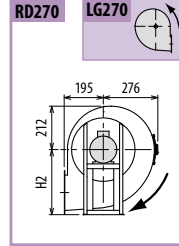
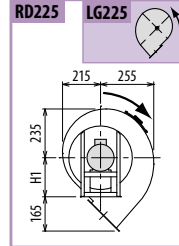
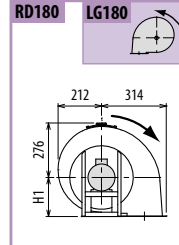
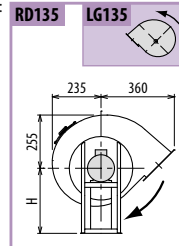
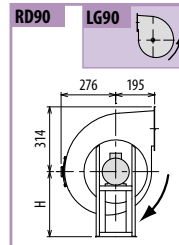
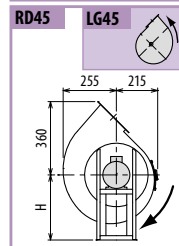
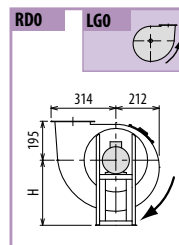
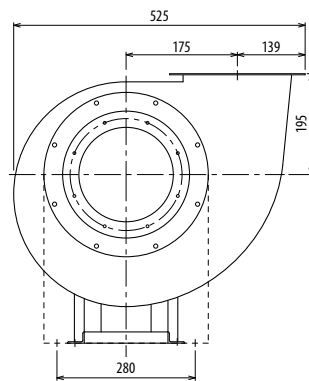
RM250



Es. 4



Es. 1

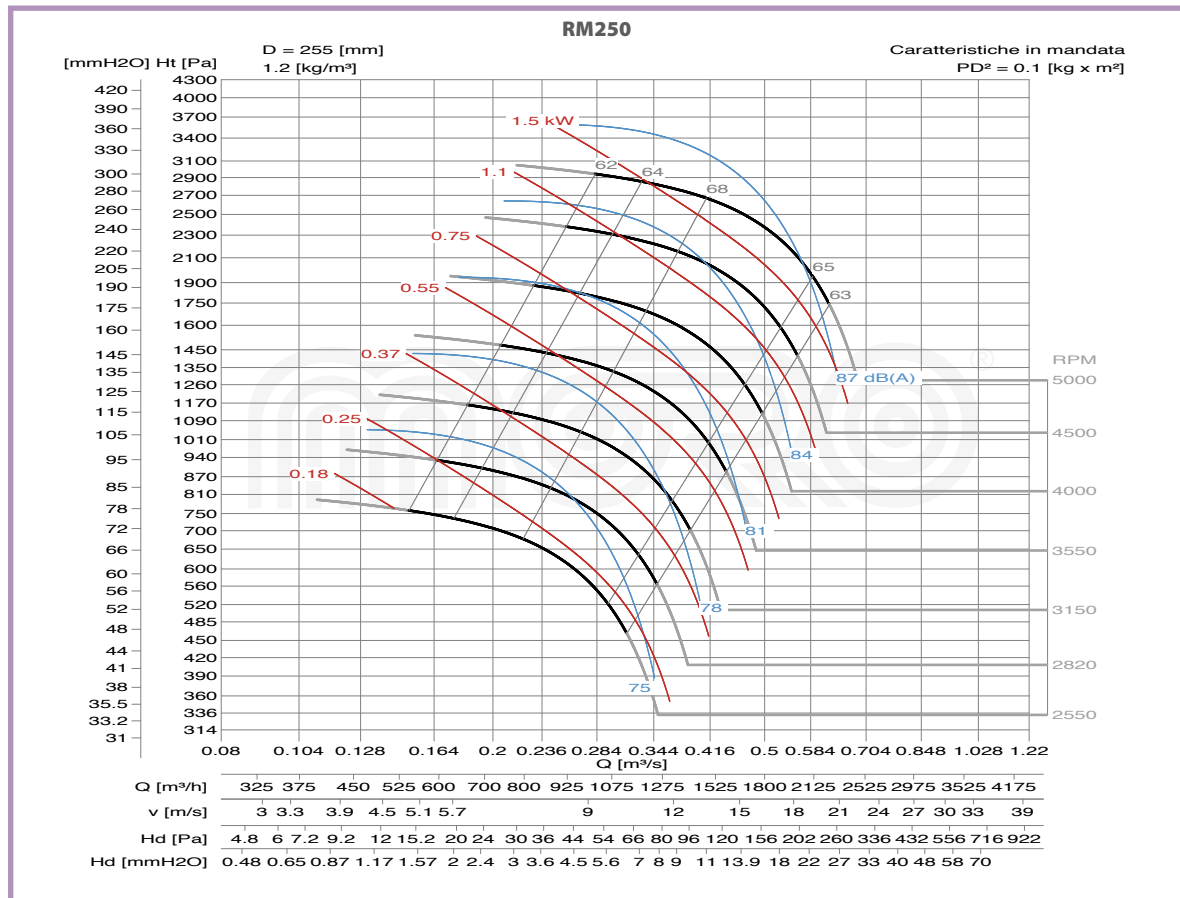
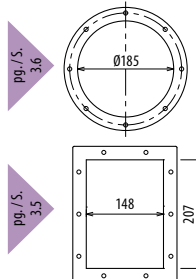


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
 - The fan is revoluble
 - Der Ventilator ist drehbar
 - El ventilador es orientable
- Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Gewichtsangabe in Tabelle inkl. Motor El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

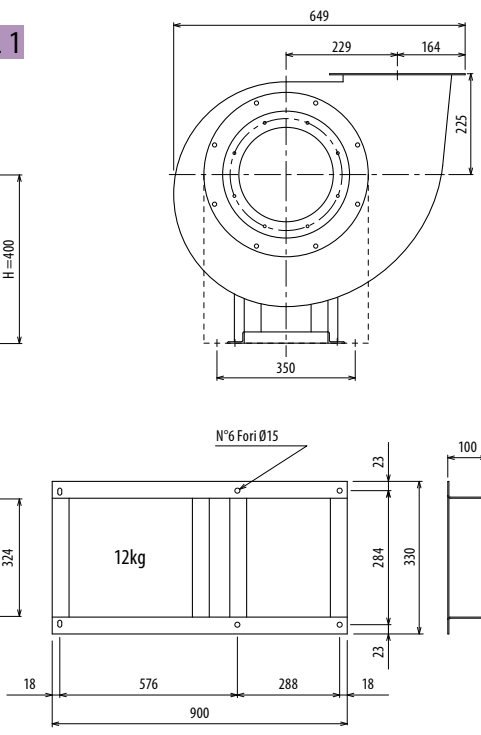
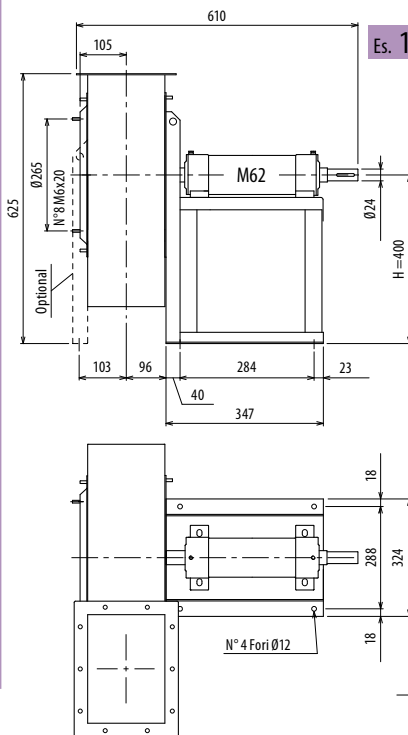
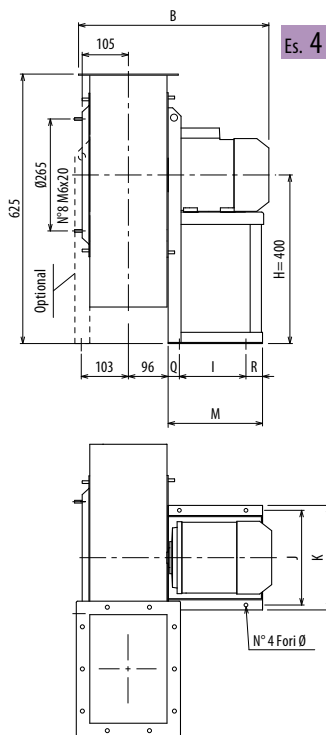
TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
RM250/2R	63 B2	24	0,09	366	86	315	195	315	184	206	150	48	16	10
RM250/2	71 A2	26	0,10	396	121	315	195	315	203	225	195	48	26	10
RM250/T		25	0,10			315	195	315						



DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

RM310

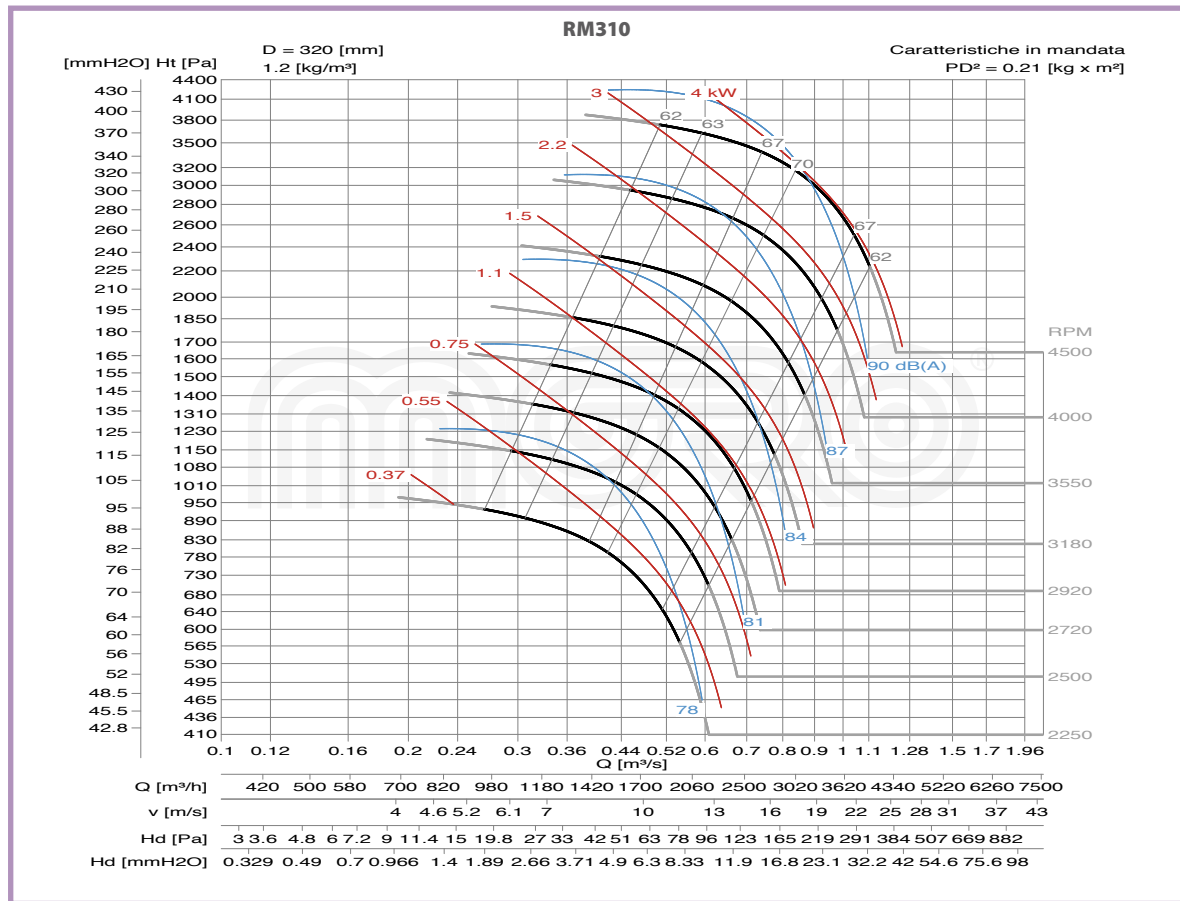
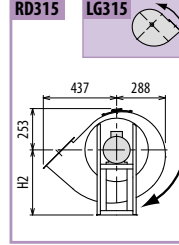
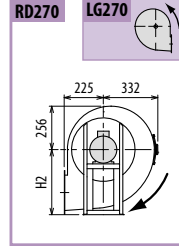
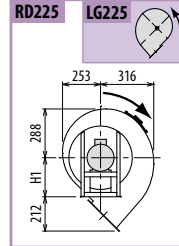
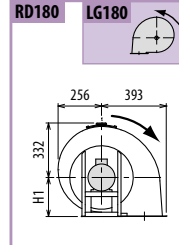
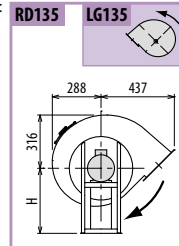
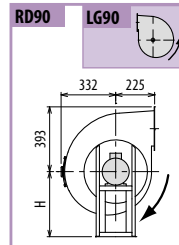
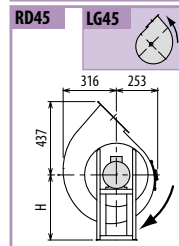
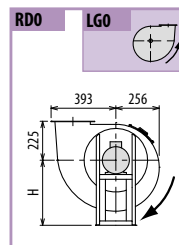
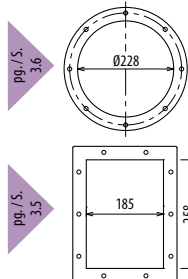


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

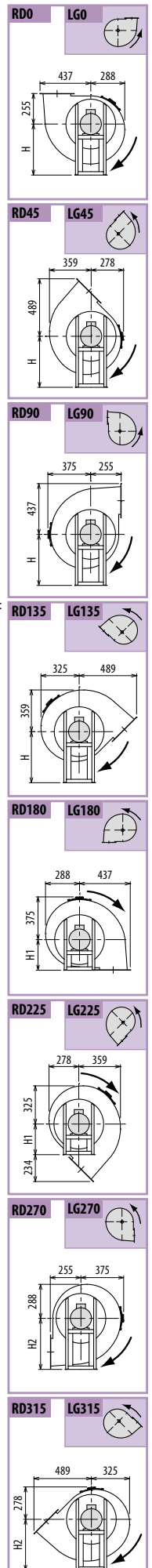
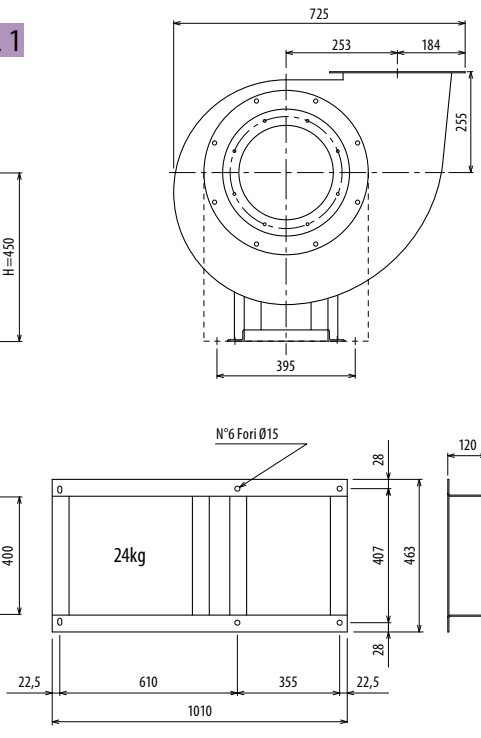
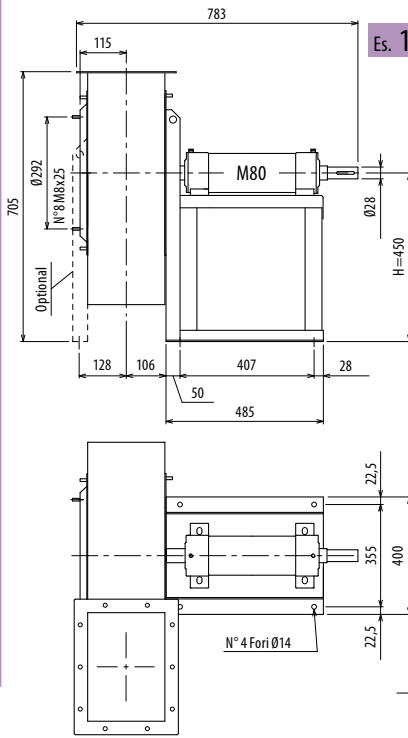
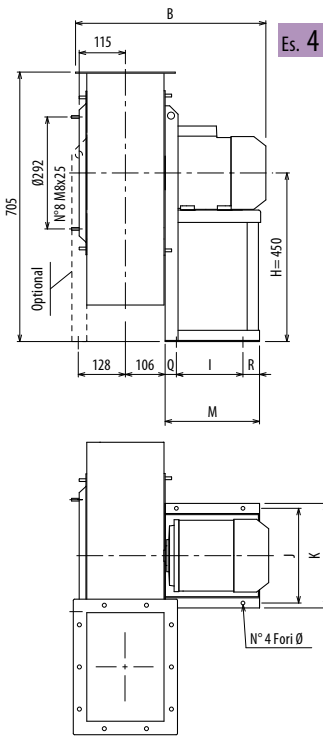
- Le ventilateur est orientable
 - The fan is revolvable
 - Der Ventilator ist drehbar
 - El ventilador es orientable
- Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Gewichtsangabe in Tabelle inkl. Motor El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
RM310/2R	80 B2	42	0,19	458	121	400	225	400	203	225	211	45	45	10
RM310/2	90 S2	45	0,21	505	133	400	225	400	234	260	246	55	58	10
RM310/T		45	0,21			400	225	400						



RM

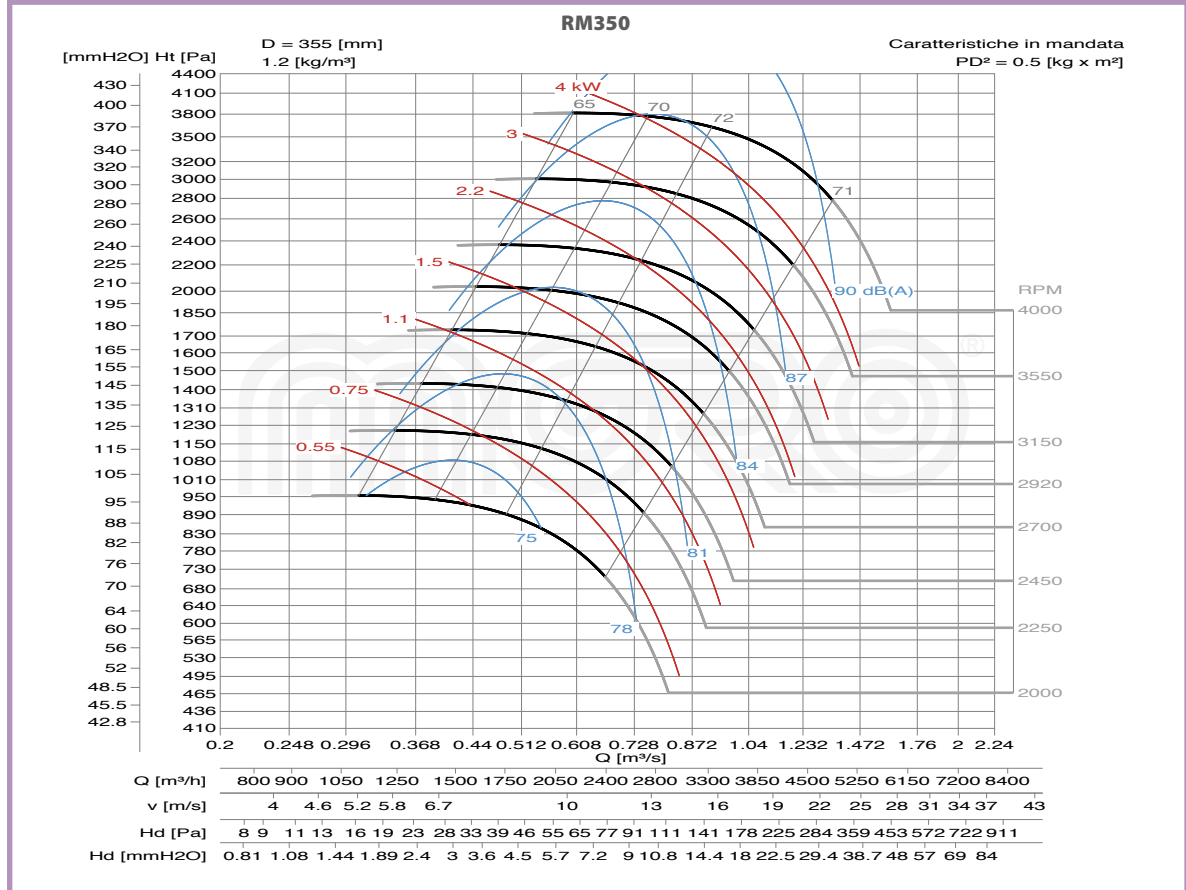


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
RM350/2R	90 S2	66	0,43	530	133	450	255	450	234	260	246	55	58	10
RM350/2	90 L2	70	0,50	530	133	450	255	450	234	260	246	55	58	10
RM350/T		75	0,50			450	255	450						

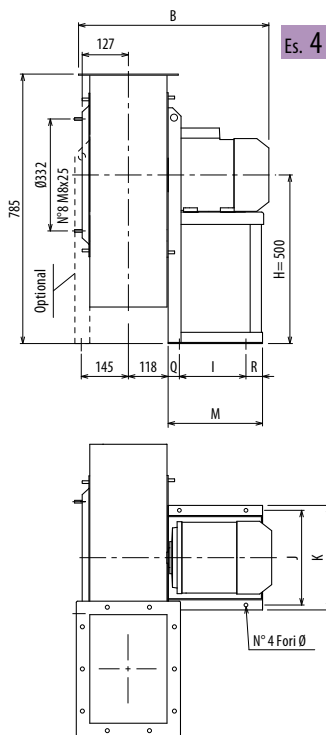


RM

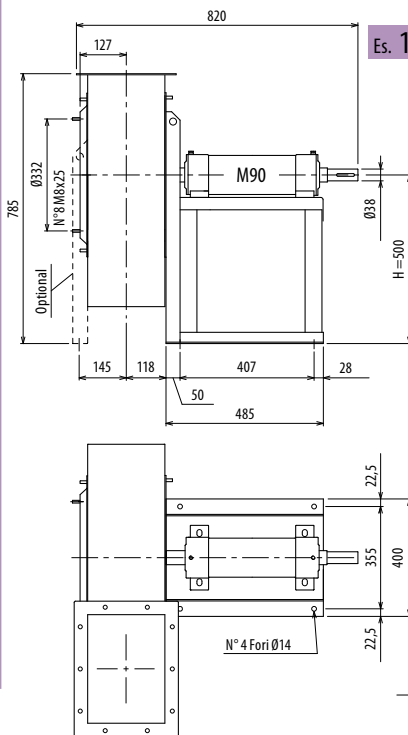
DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

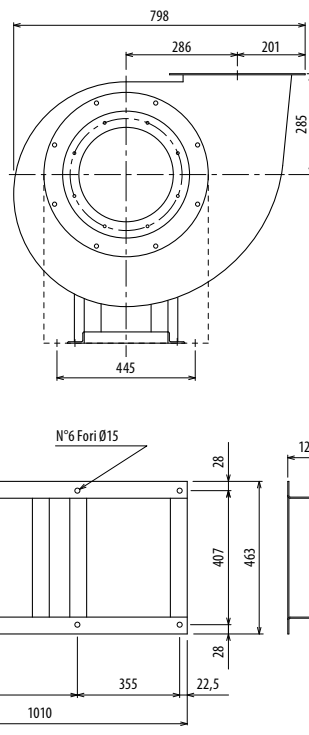
RM400



Es. 4



Es. 1

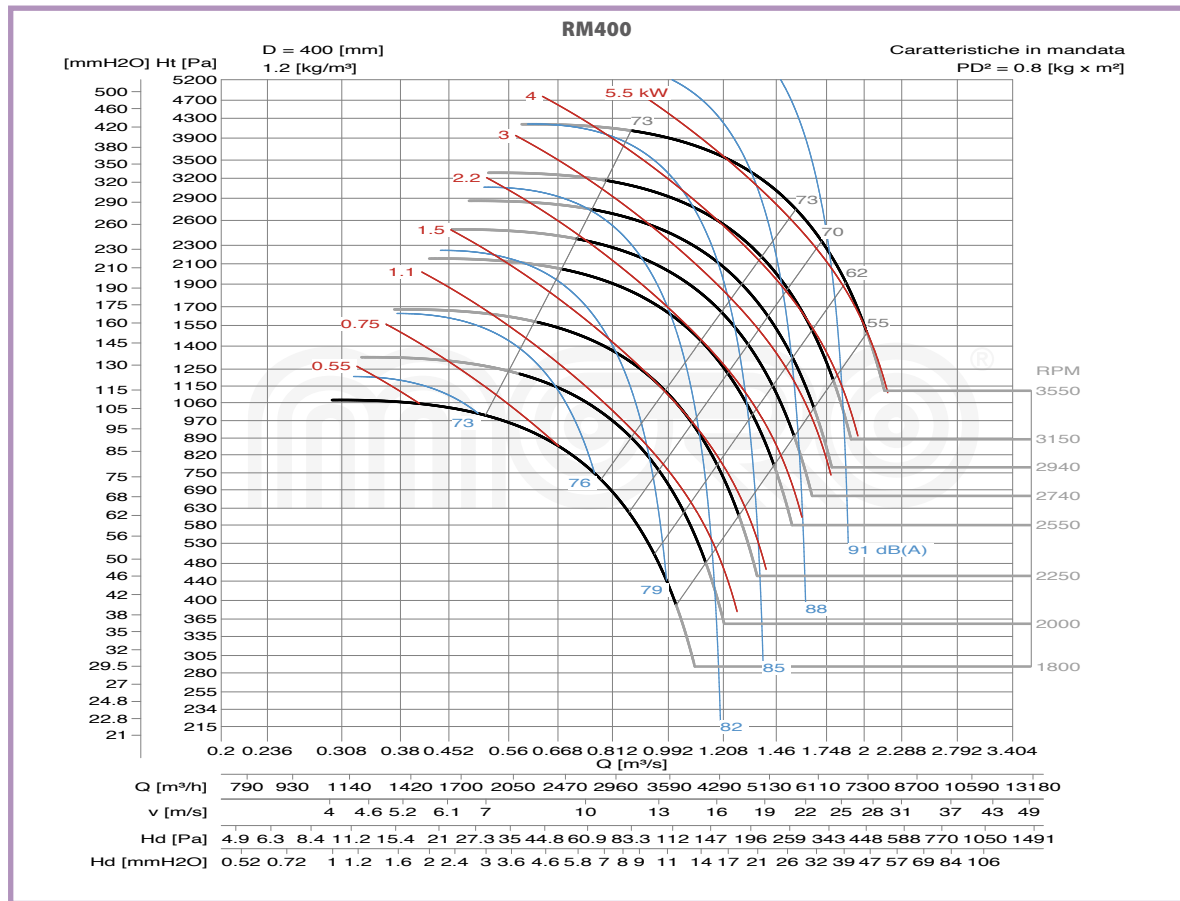
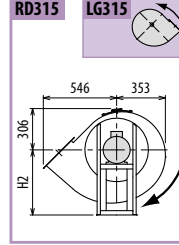
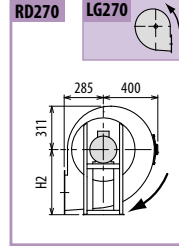
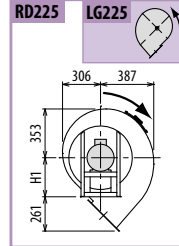
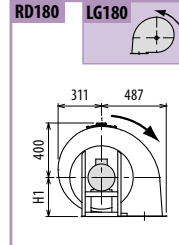
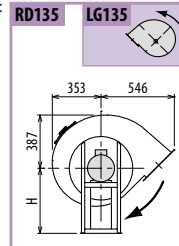
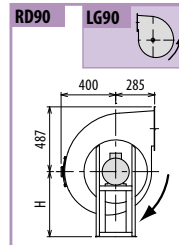
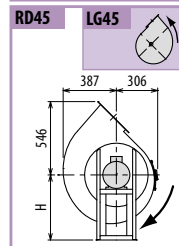
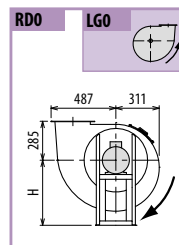
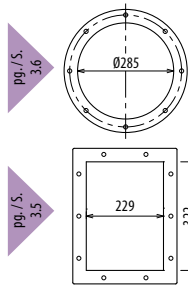


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revoluble
- Der Ventilator ist drehbar
- El ventilador es orientable
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

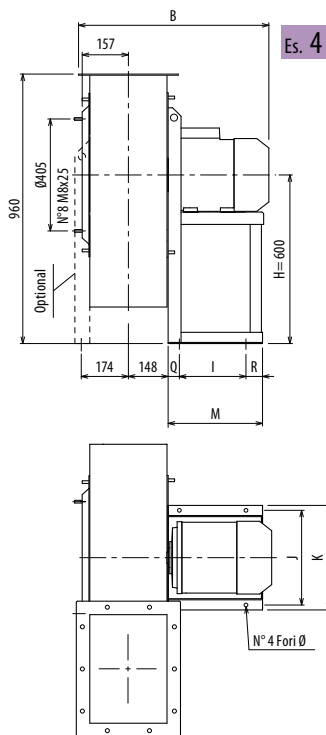
TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
RM400/2R	100 L2	85	0,70	585	197	500	285	500	289	324	276	30	49	12
RM400/2	112 M2	93	0,80	606	197	500	285	500	289	324	276	30	49	12
RM400/T		86	0,80			500	285	500						



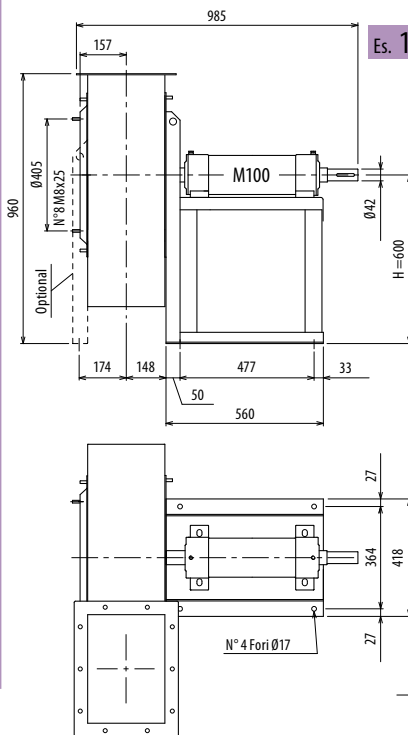
DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

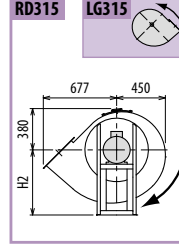
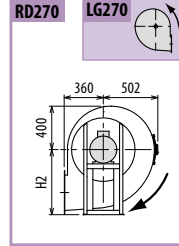
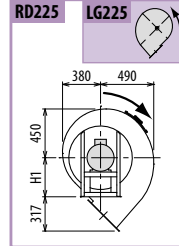
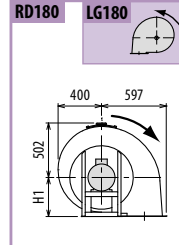
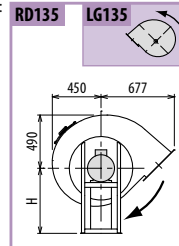
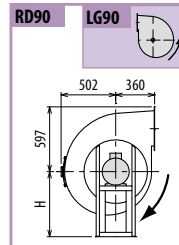
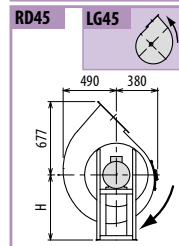
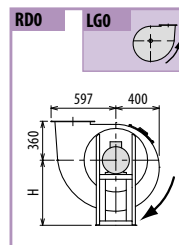
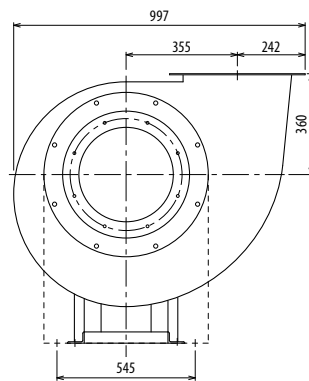
RM500



Es. 4



Es. 1

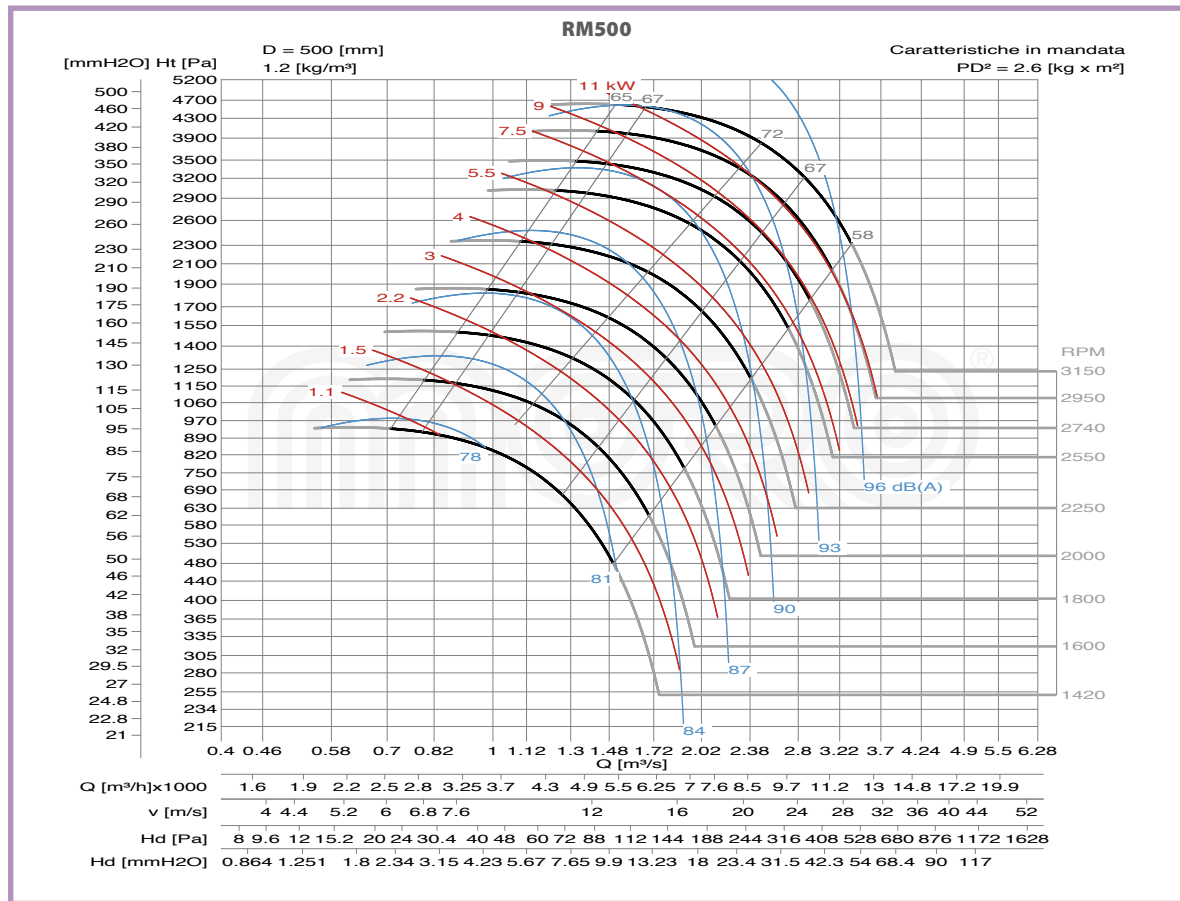
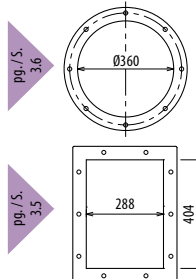


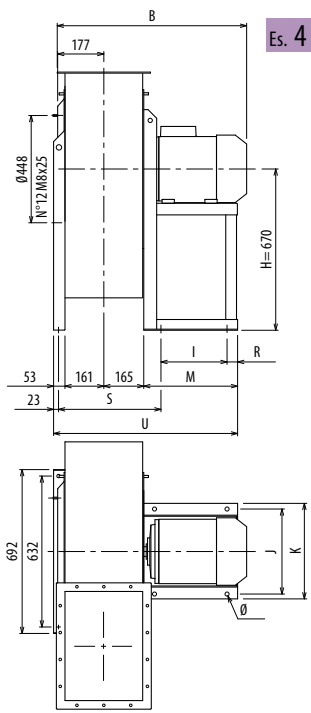
Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revoluble
- Der Ventilator ist drehbar
- El ventilador es orientable
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

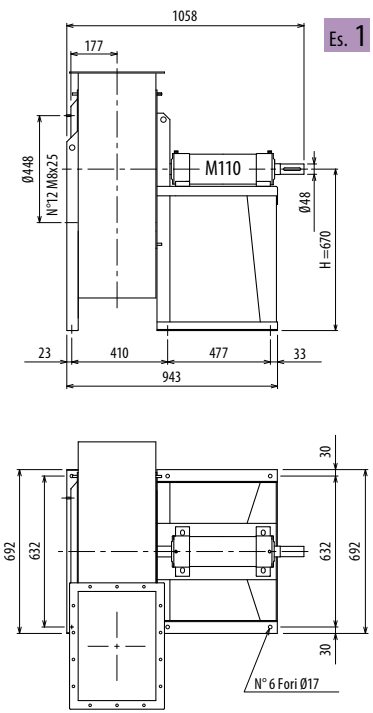
Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
RM500/2R	160 M2	175	2,3	810	337	600	360	600	395	440	436	50	49	14
RM500/2	160 M2	180	2,6	810	337	600	360	600	395	440	436	50	49	14
RM500/4R	90 S4	100	2,1	613	133	600	360	600	234	260	246	55	58	10
RM500/4	90 L4	106	2,2	613	133	600	360	600	234	260	246	55	58	10
RM500/T		115	2,6			600	360	600						

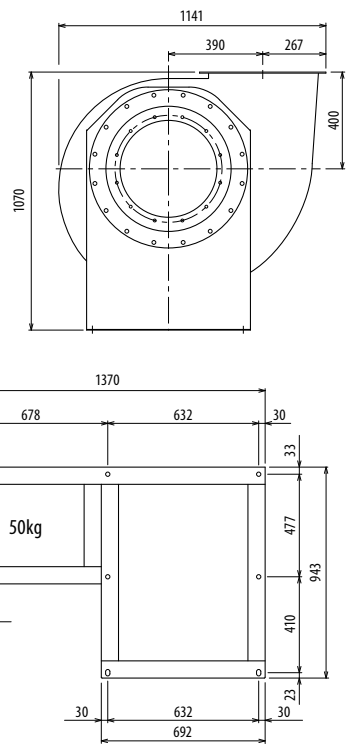




Es. 4



Es. 1



Il ventilatore è orientabile - Peso in tabella comprensivo di motore

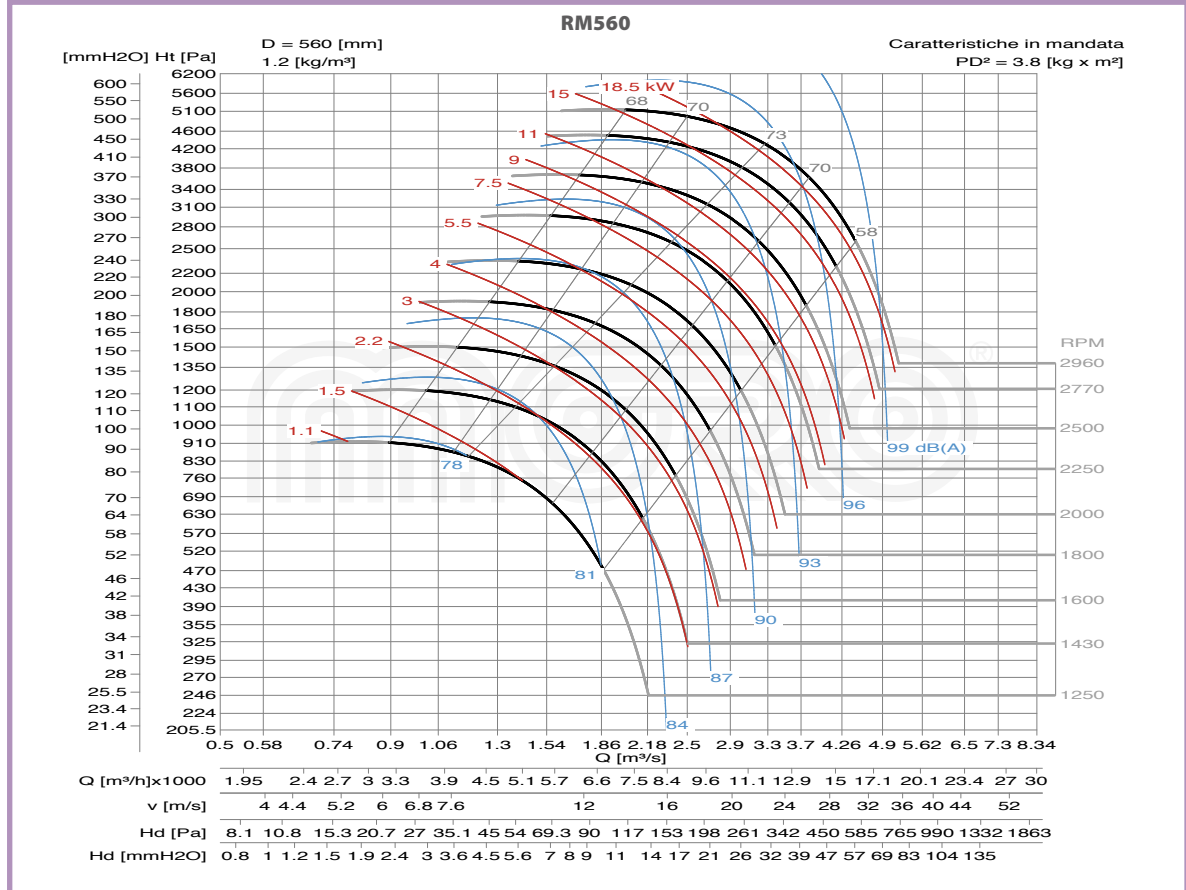
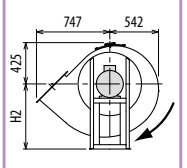
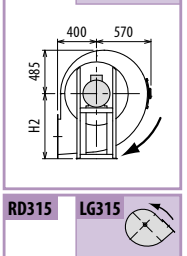
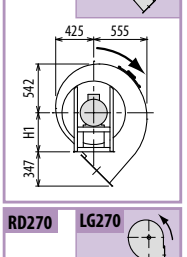
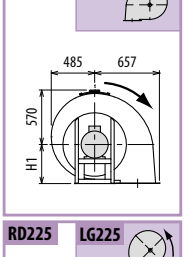
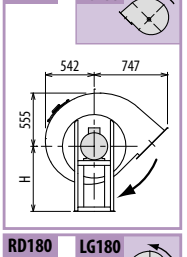
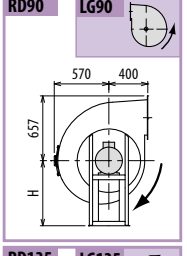
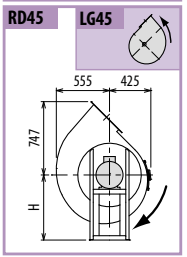
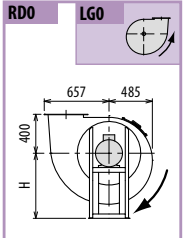
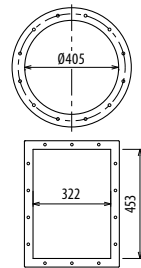
- Le ventilateur est orientable
- The fan is revoluble
- Der Ventilator ist drehbar
- El ventilador es orientable
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²												
RM560/2R	160 L2	220	3,4	857	337	670	400	670	395	440	436	49	406	815	14
RM560/2	180 M2	276	3,8	938	357	670	400	670	434	488	460	33	426	839	17
RM560/4R	100 LA4	128	3,2	691	197	670	400	670	289	324	276	49	386	655	12
RM560/4	100 LB4	136	3,3	691	197	670	400	670	289	324	276	49	386	655	12
RM560/T		194	3,8			670	400	670							

pg. / S. 3,6

pg. / S. 3,5



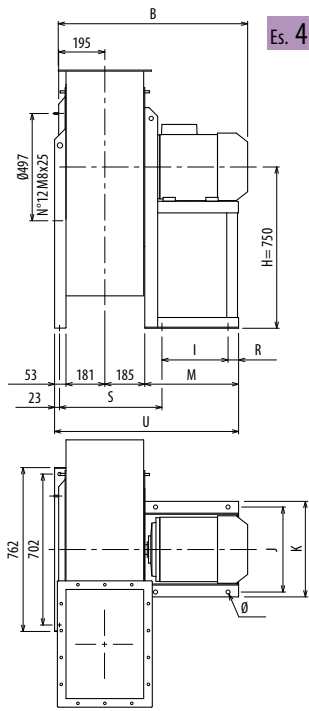
RM

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

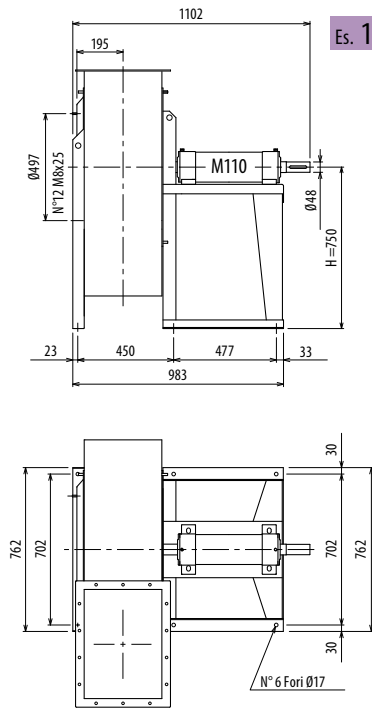
RM630



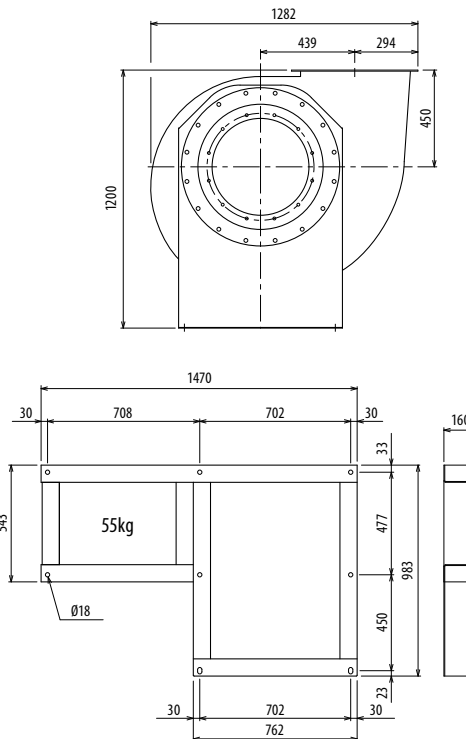
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAßE UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1



Il ventilatore è orientabile - Peso in tabella comprensivo di motore

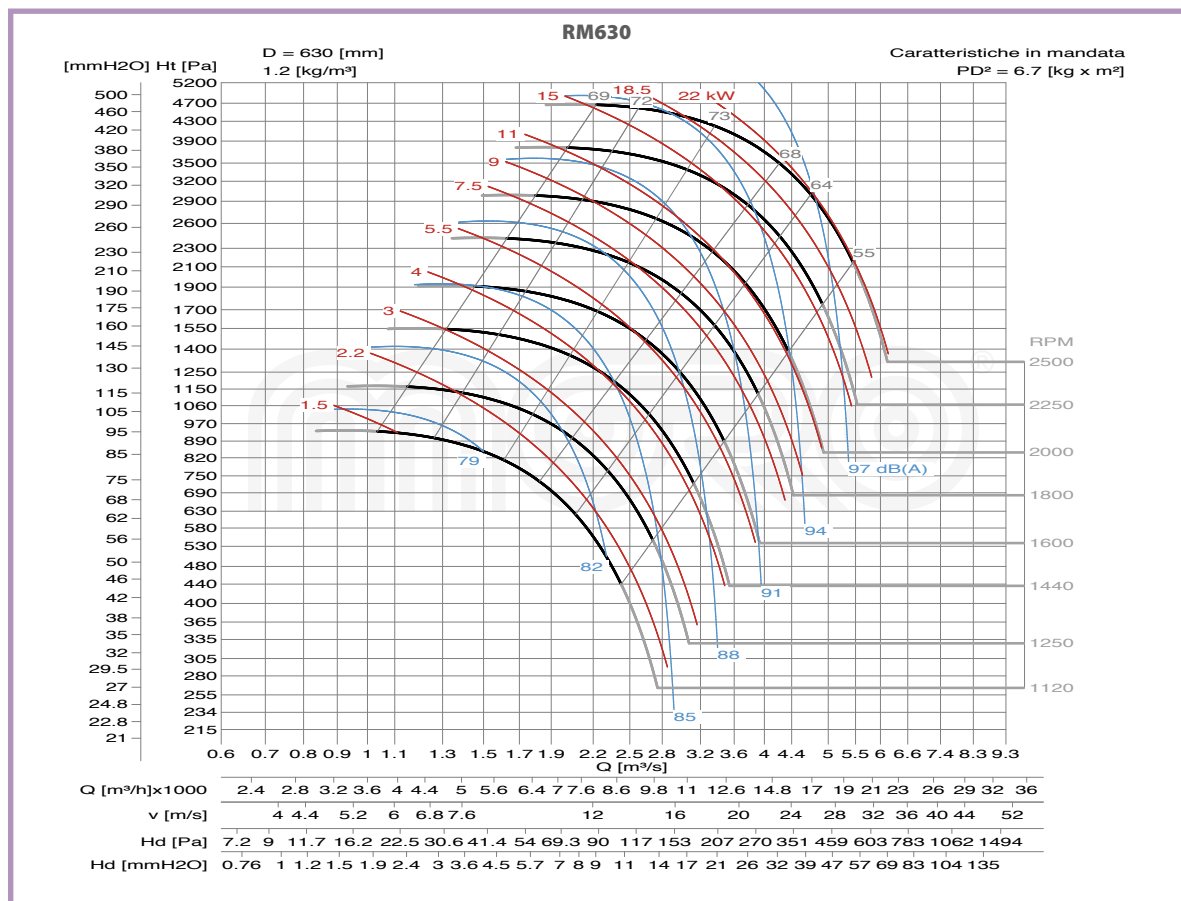
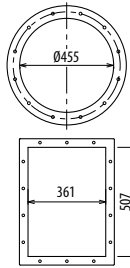
- Le ventilateur est orientable ■ The fan is revoluble ■ Der Ventilator ist drehbar ■ El ventilador es orientable
- Le poids dans le tableau inclut le moteur ■ The weight indicated in the table includes motor ■ Gewichtsangabe in Tabelle inkl. Motor ■ El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²												
RM630/4R	112 M4	190	5,6	752	197	750	450	750	289	324	276	49	425	694	12
RM630/4	132 S4	205	6,3	792	237	750	450	750	337	372	336	59	435	754	12
RM630/T		229	6,7			750	450	750							

pg. / s. 3.6

pg. / s. 3.5



RD0 LG0

RD45 LG45

RD90 LG90

RD135 LG135

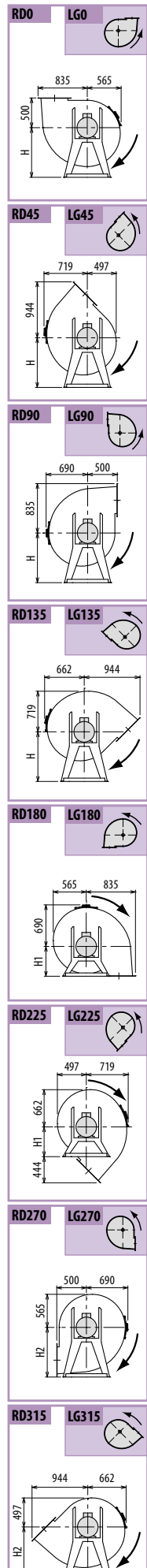
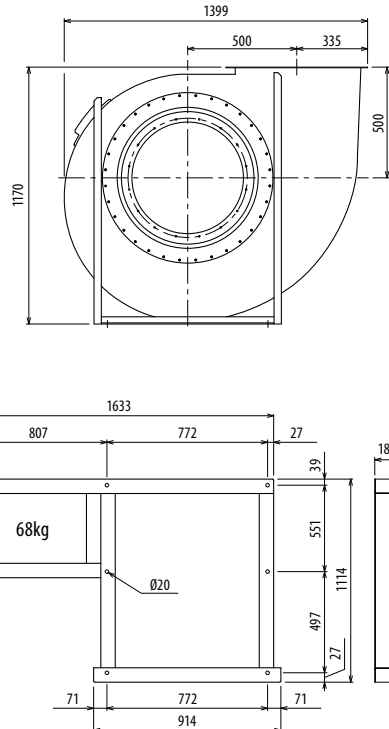
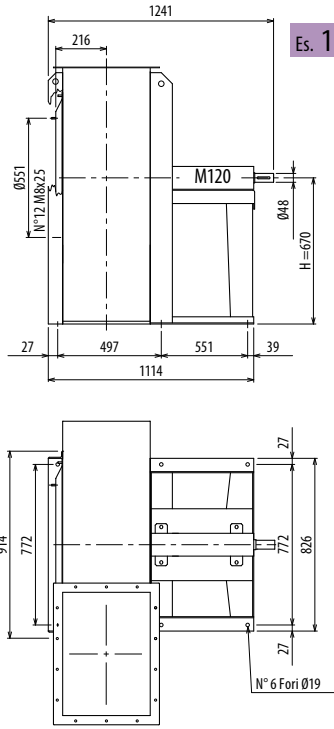
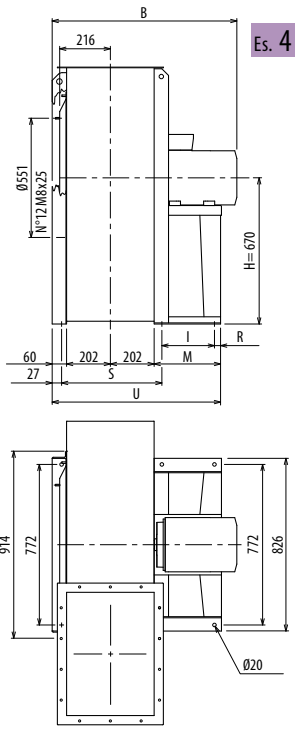
RD180 LG180

RD225 LG225

RD270 LG270

RD315 LG315

RM



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

■ Le ventilateur n'est pas orientable
 Le poids dans le tableau inclut le moteur

■ The fan is not revolvable
 The weight indicated in the table includes motor

■ Der Ventilator ist nicht drehbar
 Gewichtangabe in Tabelle inkl. Motor

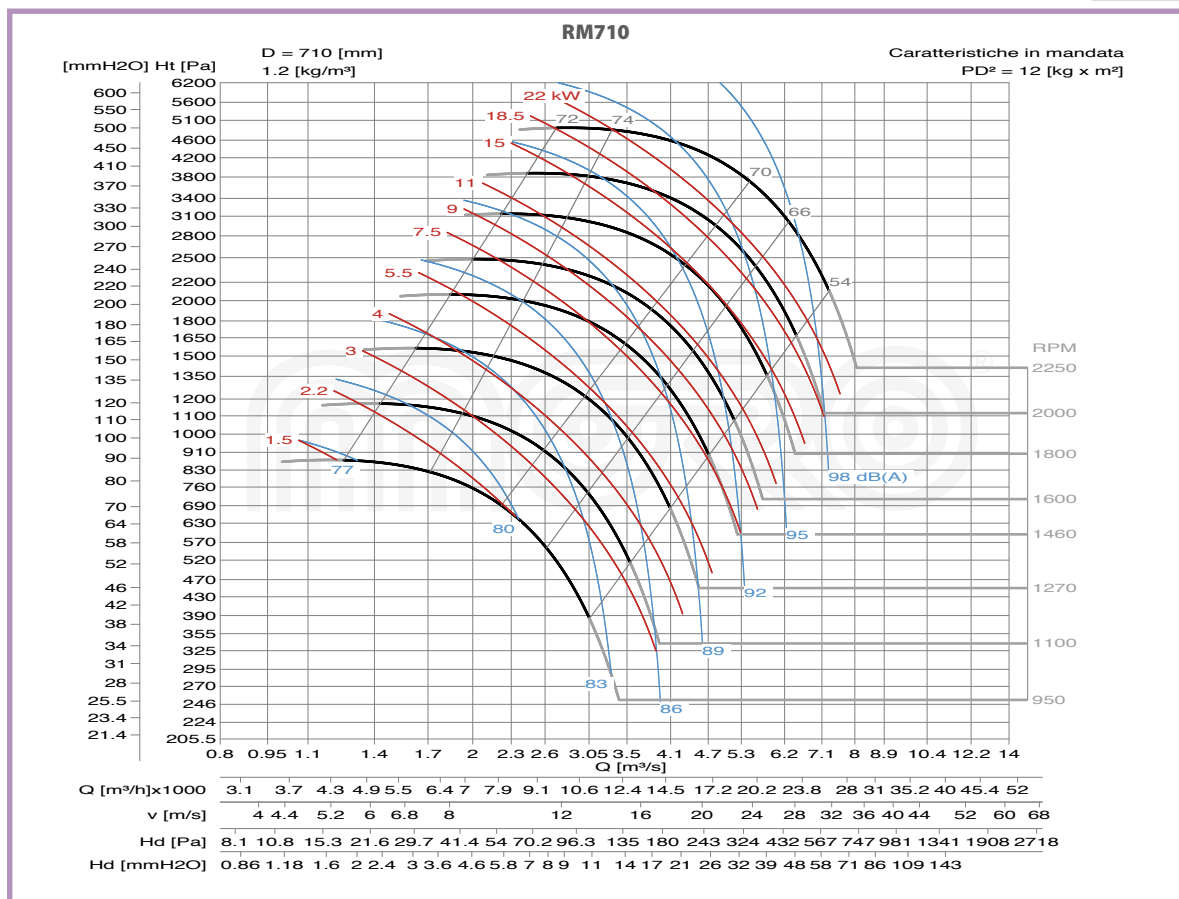
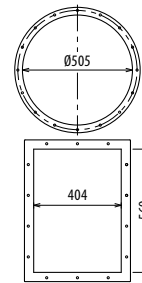
■ El ventilador no es orientable
 El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²									
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U
RM710/4R	132 M4	287	10	837	201	670	500	850	75	497	336	800
RM710/4	160 M4	338	11	942	316	670	500	850	60	497	436	900
RM710/T		346	12			670	500	850				

pg. / s. 3.6

pg. / s. 3.5



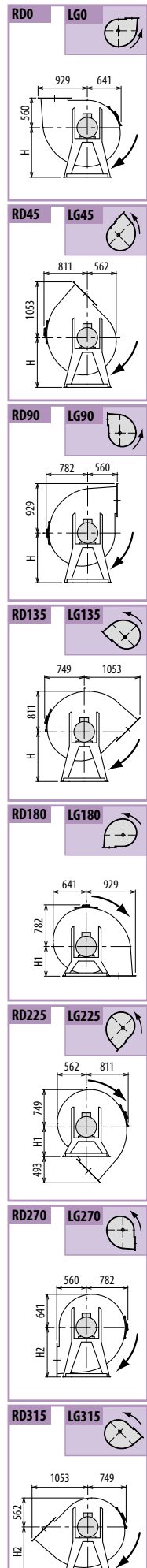
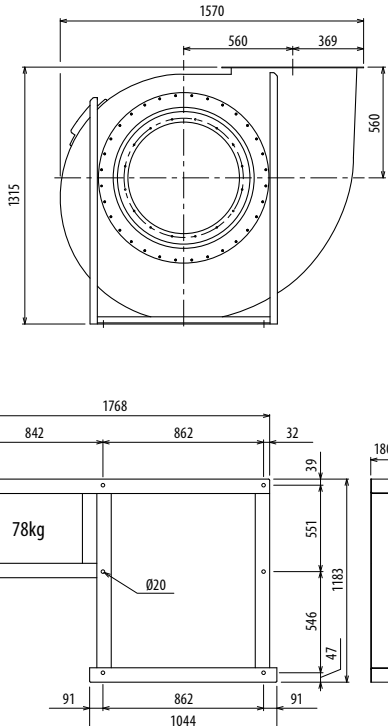
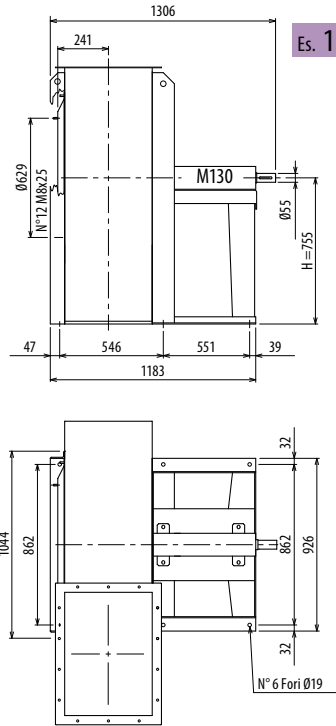
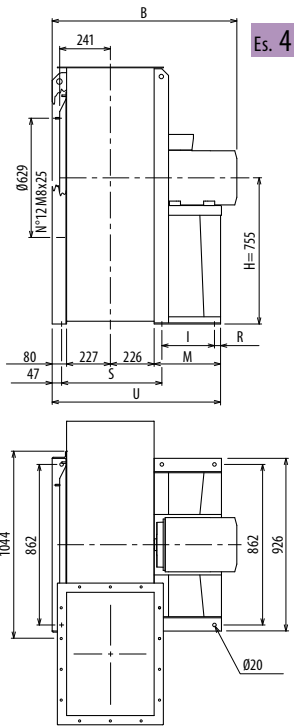
RM

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

RM800



■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

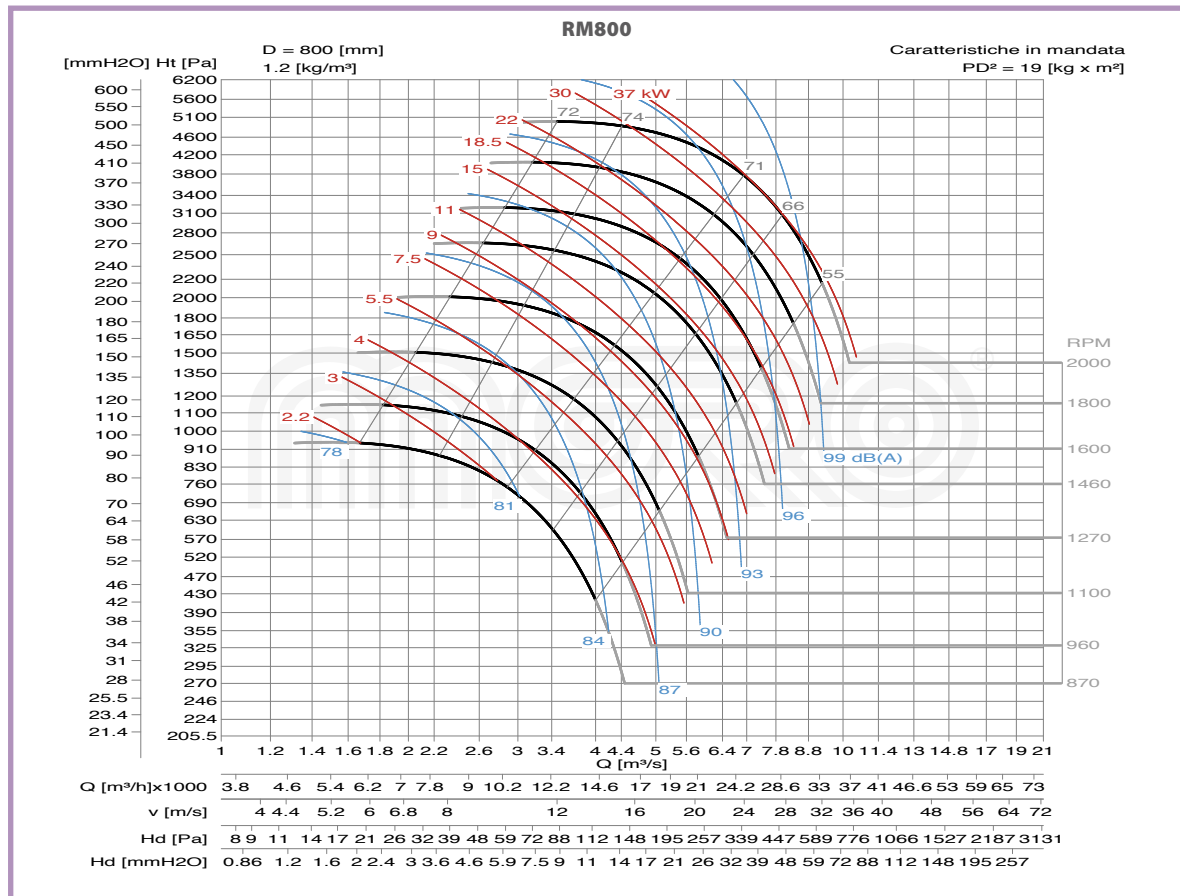
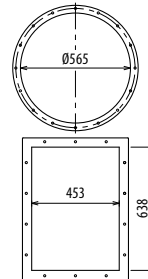
■ Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable
 Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Gewichtsangabe in Tabelle inkl. Motor El peso en la tabla incluye el motor

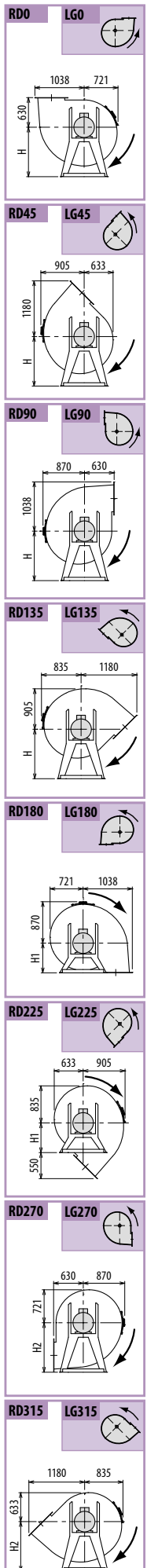
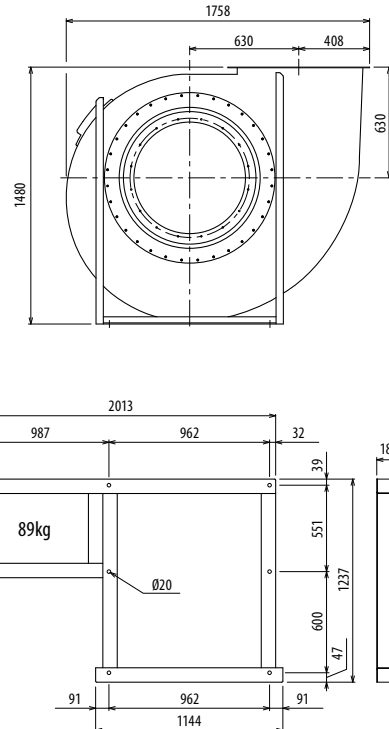
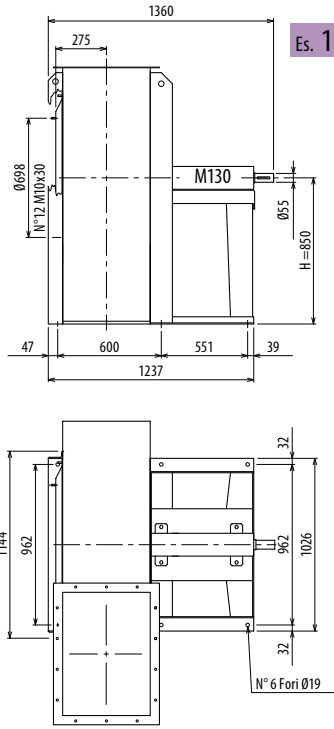
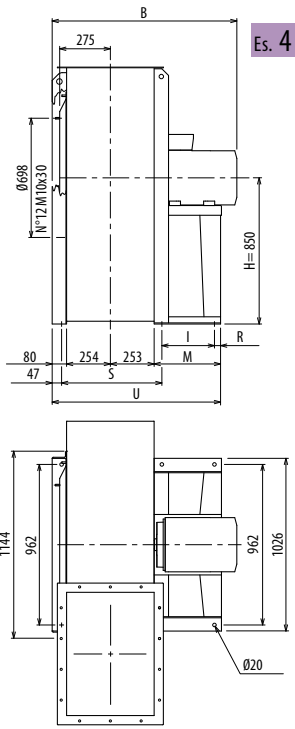
Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
RM800/4R	160 L4	504	17	1011	315	755	560	950	60	546	436	968
RM800/4	180 M4	512	19	1092	361	755	560	950	39	546	460	993
RM800/6R	132 M6	391	16	906	201	755	560	950	75	546	336	869
RM800/6	132 M6	395	18	906	201	755	560	950	75	546	336	869
RM800/T		421	19			755	560	950				

pg. / s. 3.6

pg. / s. 3.5



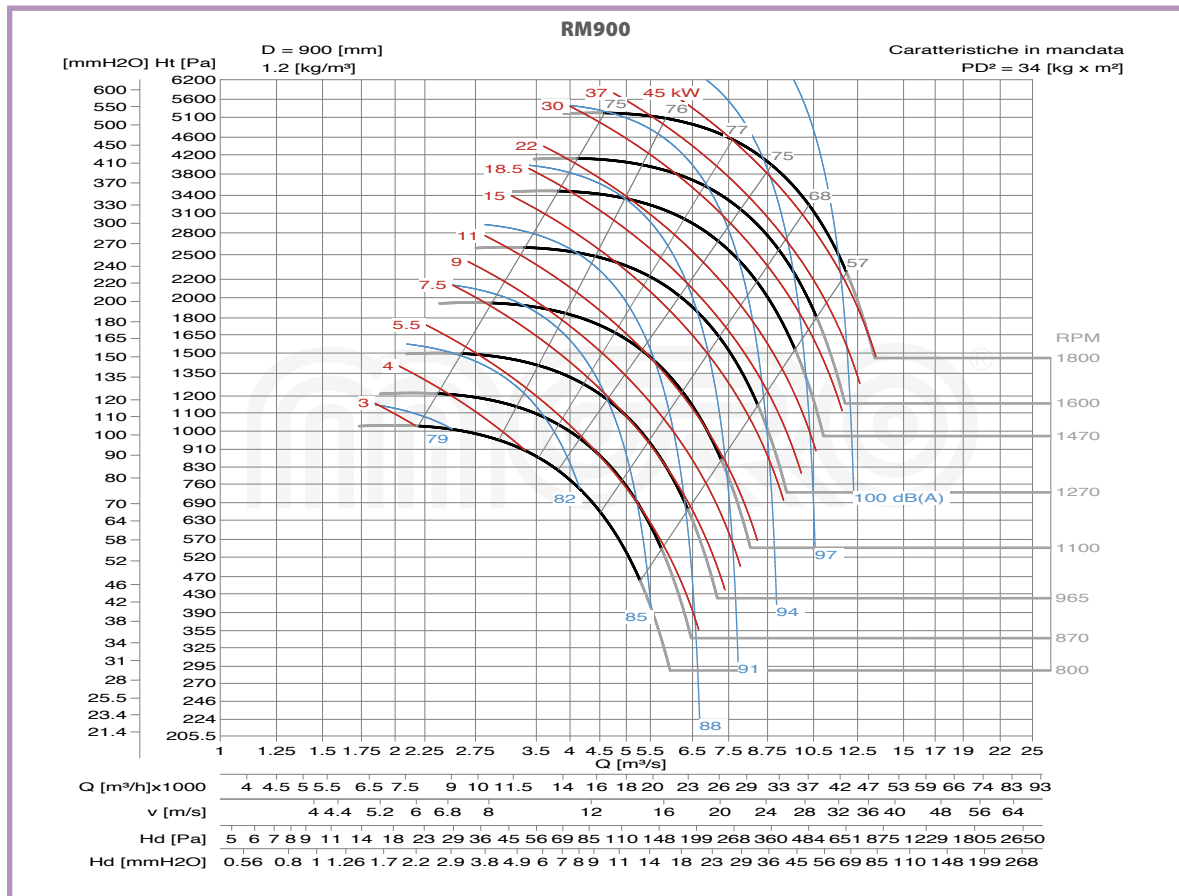
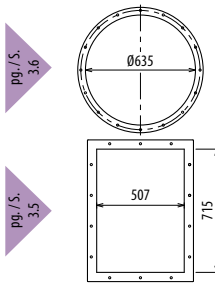


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Further information and sizes: ■ Weitere Infos und Größen: ■ Más informaciones y medidas:

TIPO - Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
RM900/4R	200 L4	684	30	1254	401	850	630	1060	39	600	500	1087
RM900/4	225 S4	767	34	1236	441	850	630	1060	39	600	540	1127
RM900/6R	160 M6	511	29	1065	316	850	630	1060	60	600	436	1023
RM900/6	160 L6	531	33	1065	316	850	630	1060	60	600	436	1023
RM900/T		517	34			850	630	1060				

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

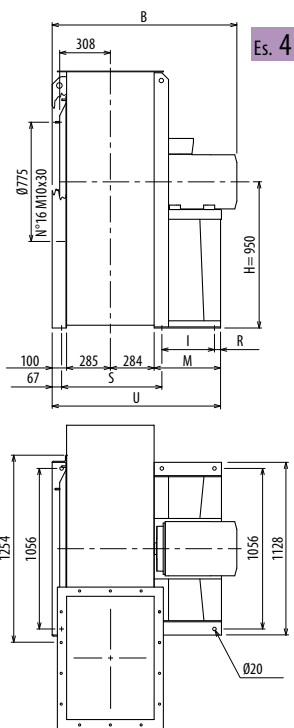


DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

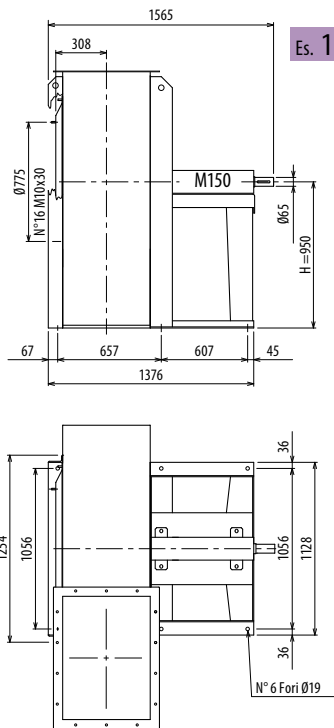
RM1000



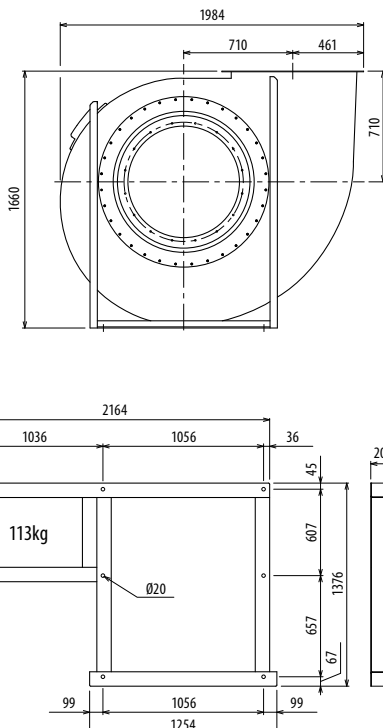
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

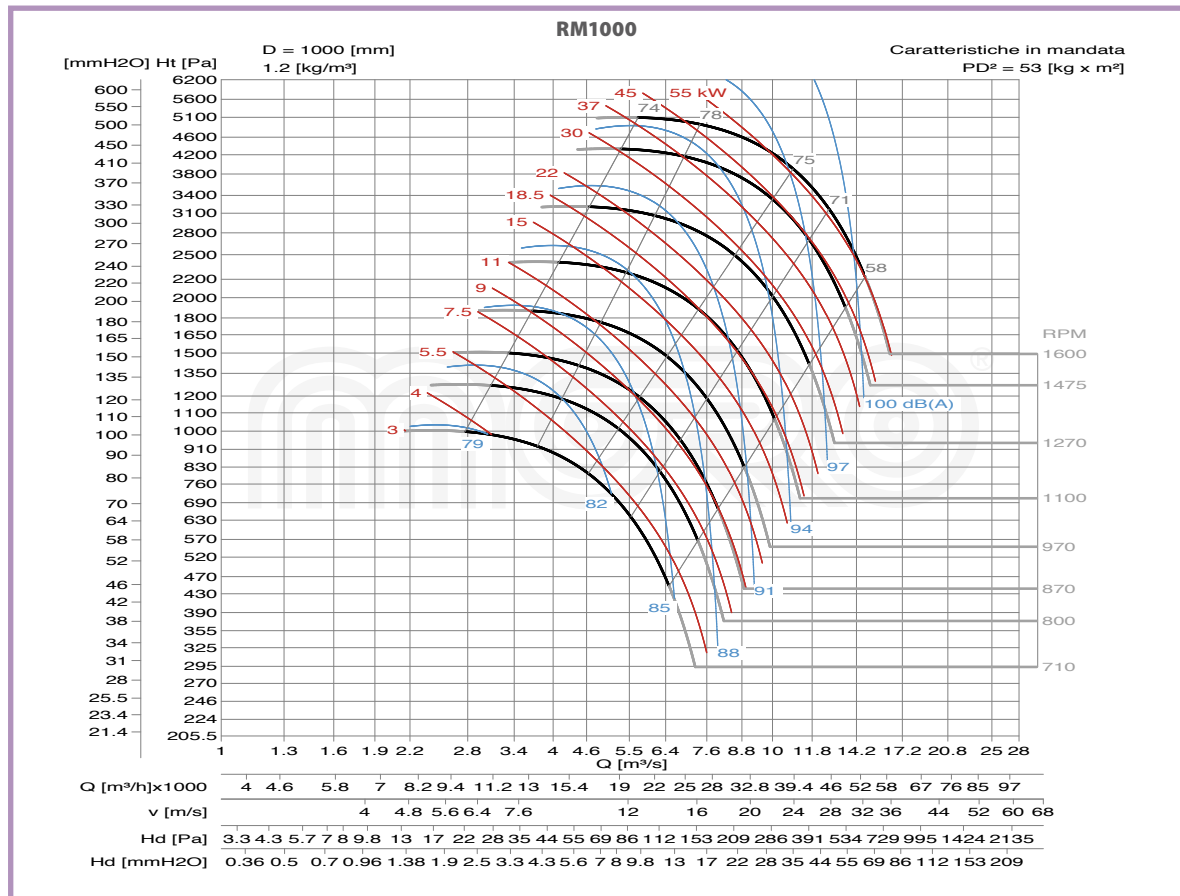
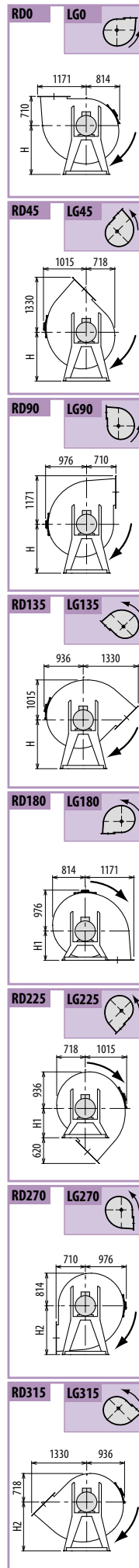
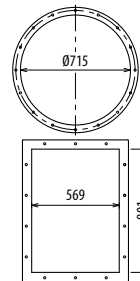
■ Le ventilateur n'est pas orientable ■ The fan is not revolvable ■ Der Ventilator ist nicht drehbar ■ El ventilador no es orientable
 Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Gewichtsangabe in Tabelle inkl. Motor El peso en la tabla incluye el motor

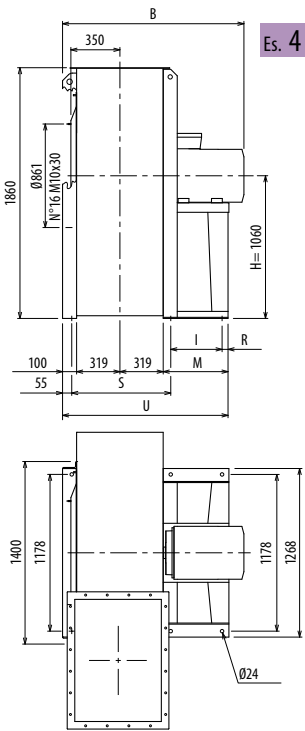
Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²									
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U
RM1000/4R	225 M4	963	48	1378	440	950	710	1180	45	657	540	1209
RM1000/4	250 M4	1081	53	1486	500	950	710	1180	45	657	600	1269
RM1000/6R	180 L6	743	47	1279	360	950	710	1180	45	657	460	1129
RM1000/6	200 L6	850	52	1336	400	950	710	1180	45	657	500	1169
RM1000/T		746	53			950	710	1180				

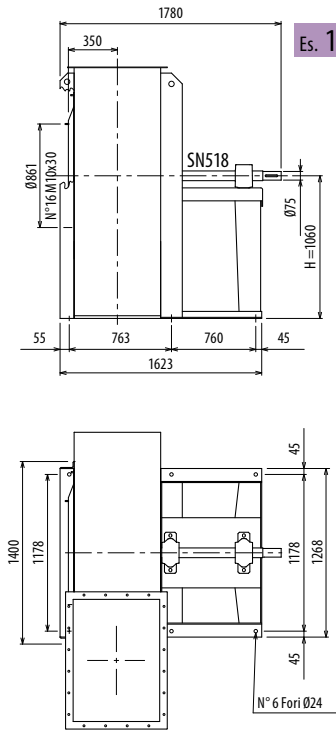
pg./s. 3,6

pg./s. 3,5

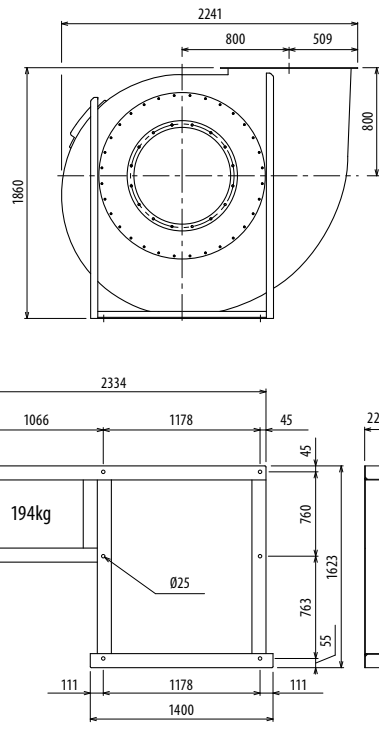




Es. 4



Es. 1

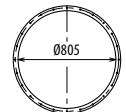


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

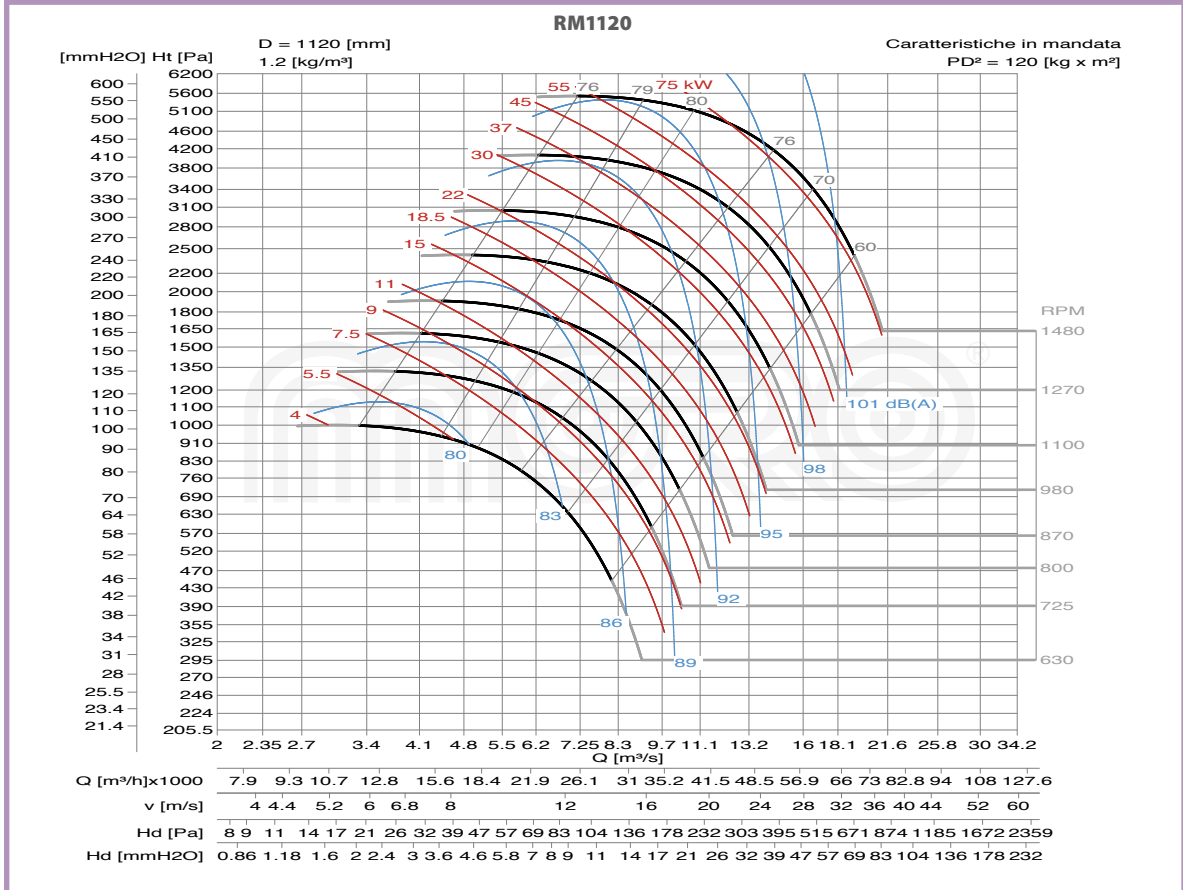
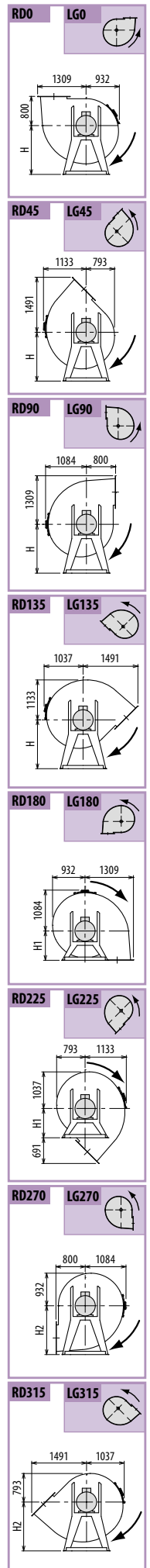
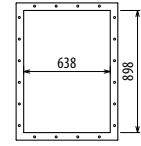
- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Further information and sizes: ■ Weitere Infos und Größen: ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U		
RM1120/4R	280 S4	1445	110	1558	565	1060	800	1320	45	763	690	1428		
RM1120/4	280 M4	1486	120	1558	565	1060	800	1320	45	763	690	1428		
RM1120/6R	200 L6	955	105	1405	375	1060	800	1320	45	763	500	1238		
RM1120/6	225 M6	1156	115	1447	415	1060	800	1320	45	763	540	1278		
RM1120/T		1040	120			1060	800	1320						

pg./s. 3.6



pg./s. 3.5



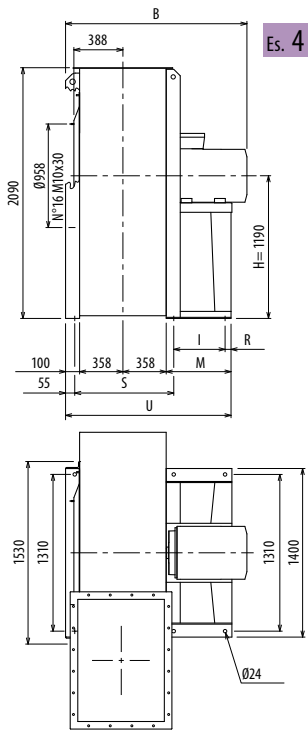
RM

DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

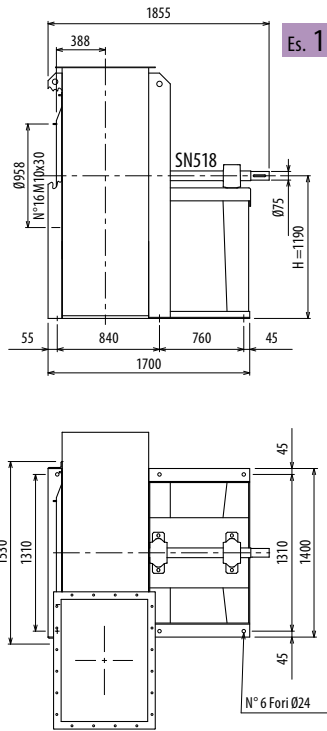
RM1250



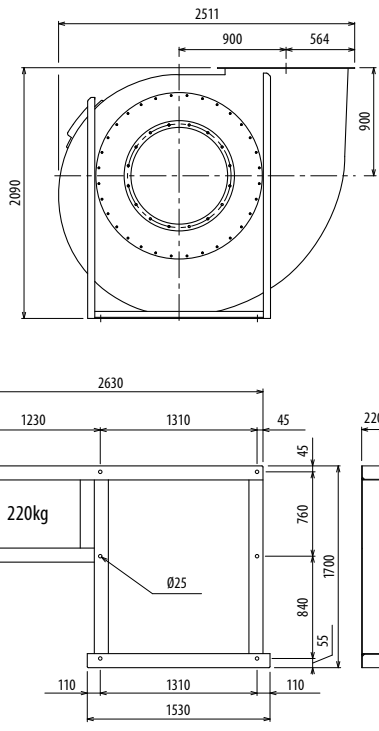
■ DIMENSIONS D'ENCOMBRE ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



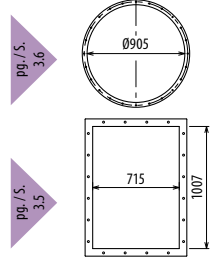
Es. 1



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Further information and quotes: Ulérieures informations et cotes: Further information and sizes: Weitere Infos und Größen: Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U		
RM1250/6R	250 M6	1430	180	1632	475	1190	900	1500	45	840	600	1415		
RM1250/6	280 S6	1915	190	1635	565	1190	900	1500	45	840	690	1505		
RM1250/T		1195	190			1190	900	1500						



RD0 LG0

RD45 LG45

RD90 LG90

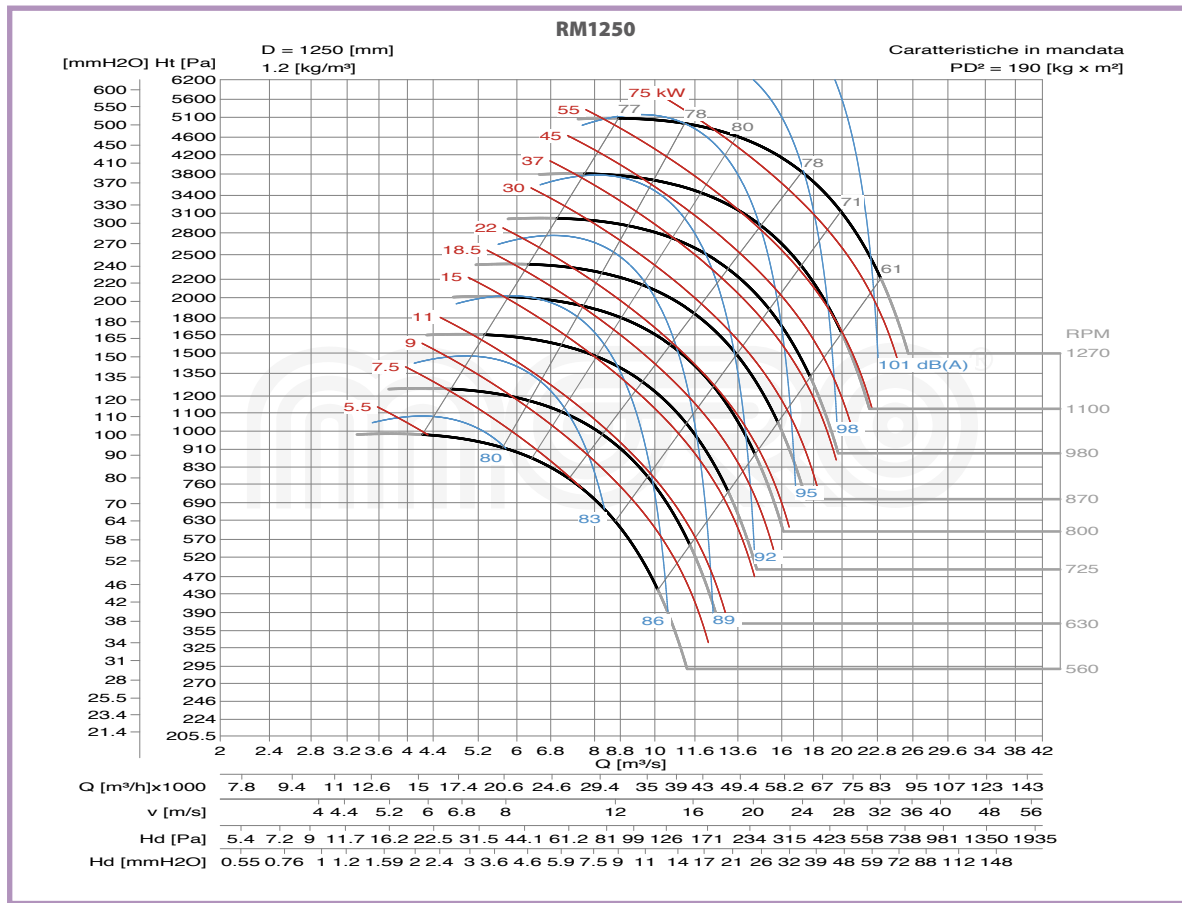
RD135 LG135

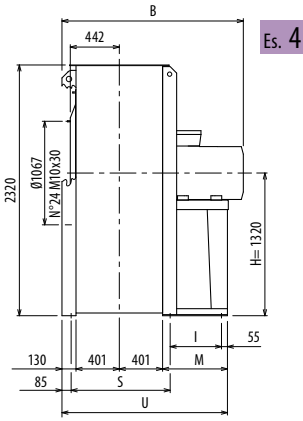
RD180 LG180

RD225 LG225

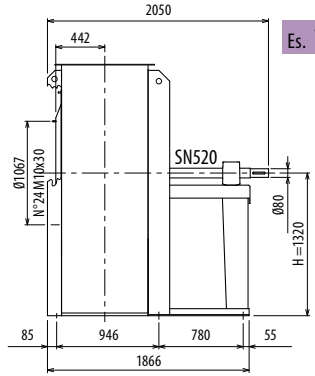
RD270 LG270

RD315 LG315

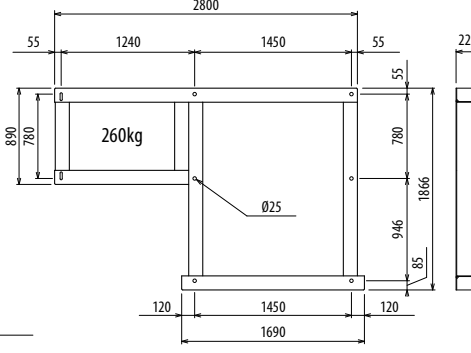
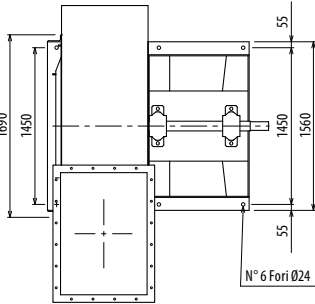
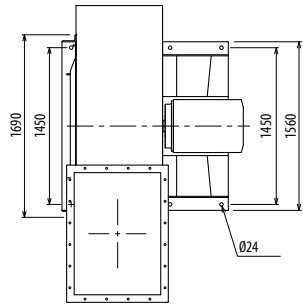
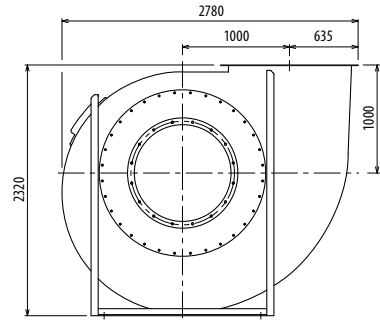




Es. 4



Es. 1

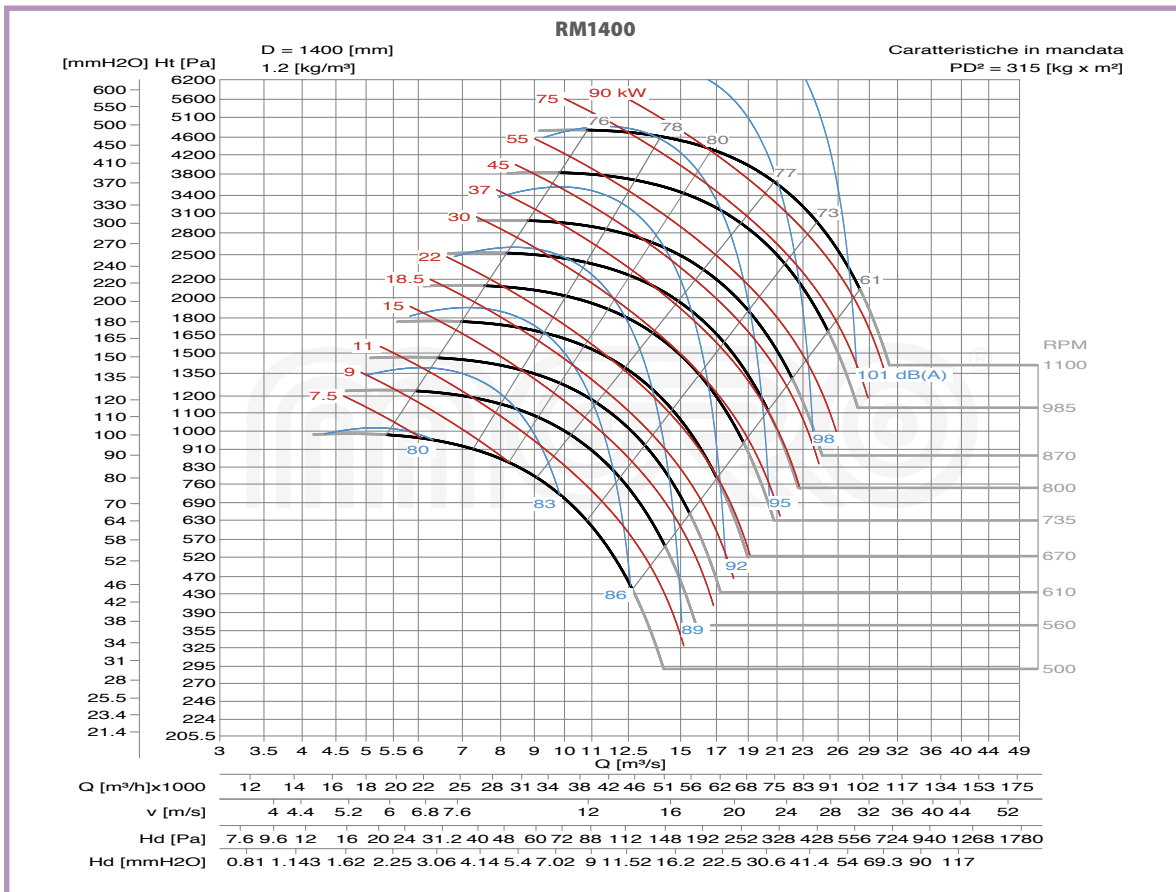
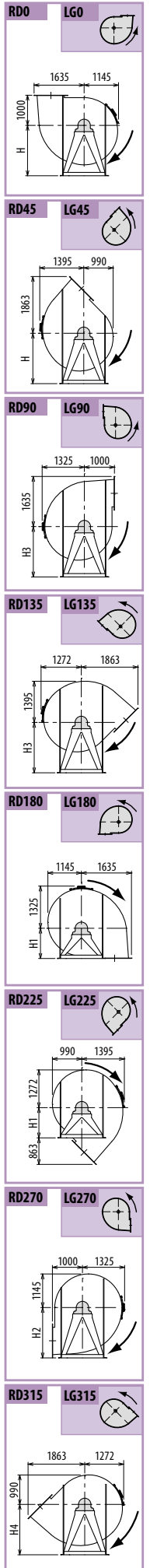
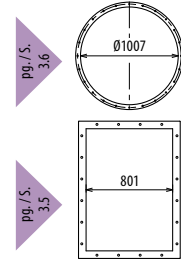


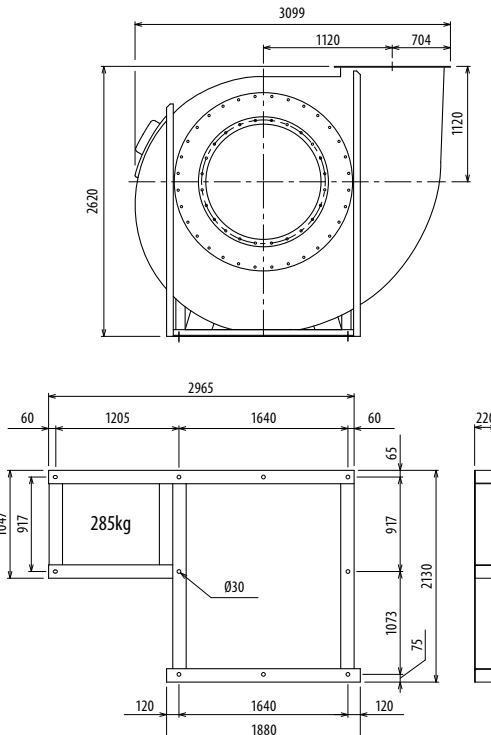
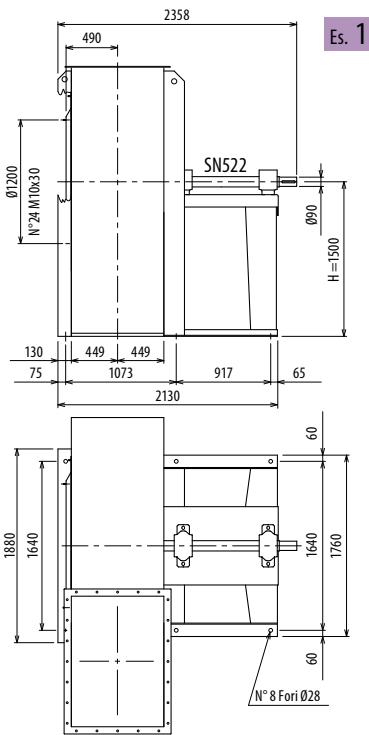
Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²										
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	M	S	U
RM1400/6R	280 M6	1850	300	1751	535	1320	1000	1700	1320	1700	690	946	1621
RM1400/6	315 S6	2366	315	1963	645	1320	1000	1700	1320	1700	800	946	1731
RM1400/T		1696	315			1320	1000	1700	1120	1500			





Il ventilatore non è orientabile

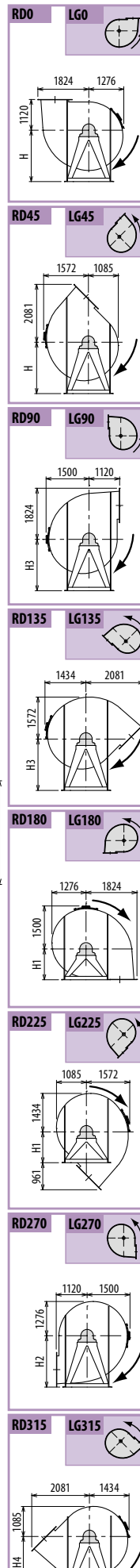
■ Le ventilateur n'est pas orientable

■ The fan is not revolvable

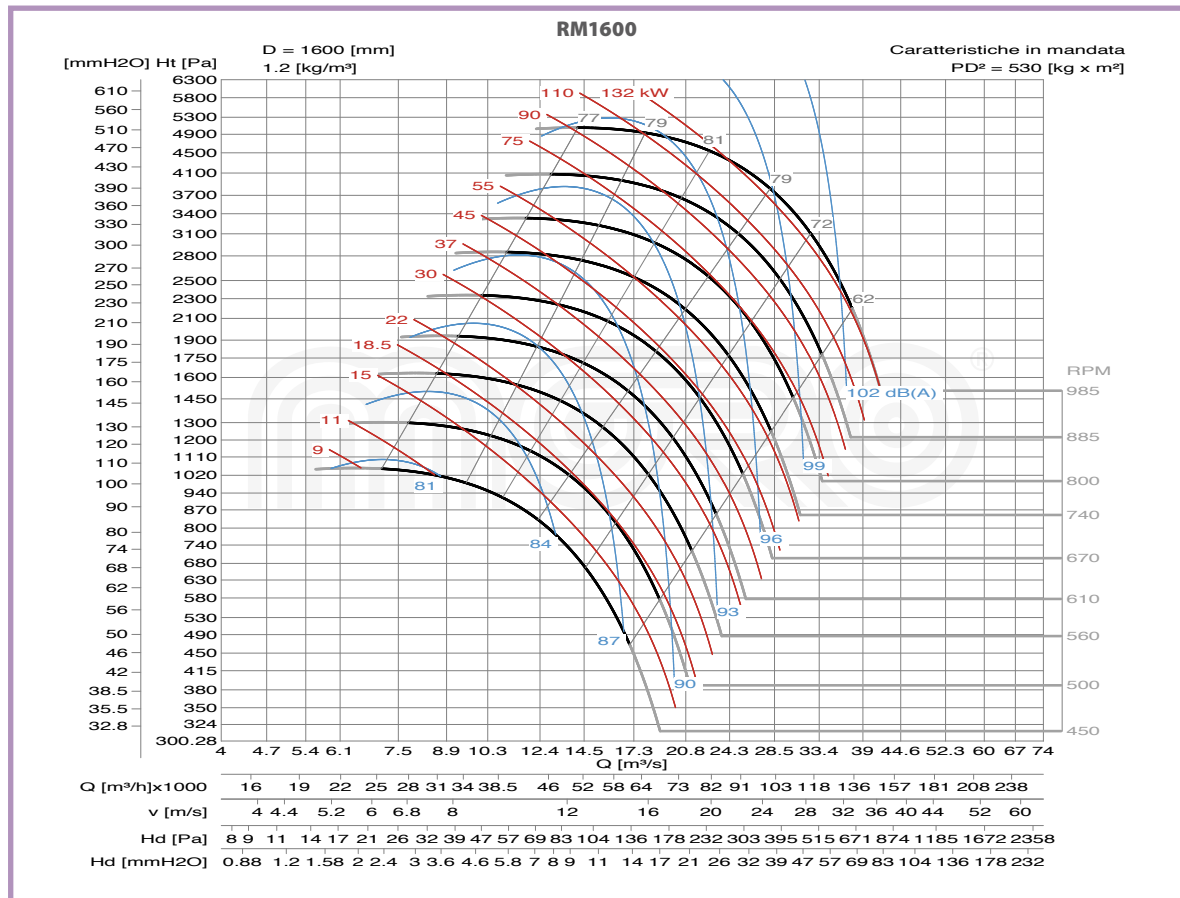
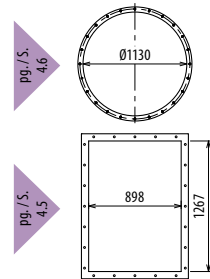
■ Der Ventilator ist nicht drehbar

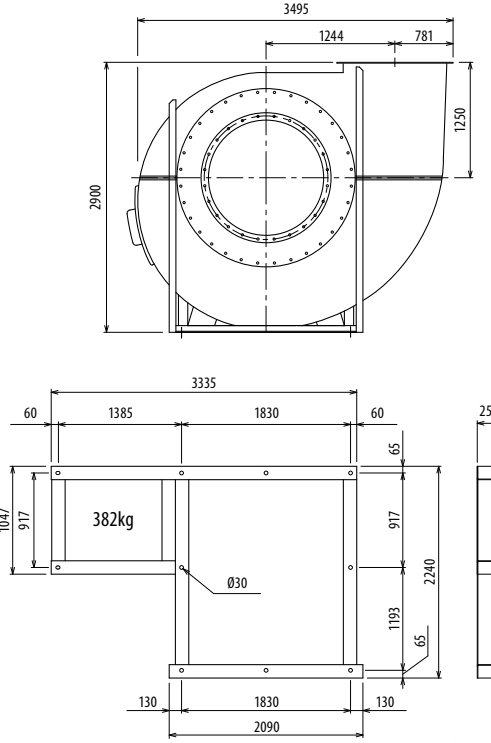
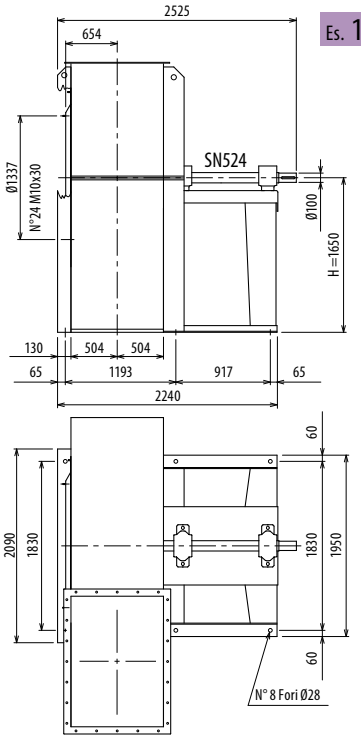
■ El ventilador no es orientable

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:



TIPO - Type		PESO Weight	PD ²												
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	M				
RM1600/T		2100	530			1500	1120	1900	1250	1600					





Il ventilatore non è orientabile

■ Le ventilateur n'est pas orientable

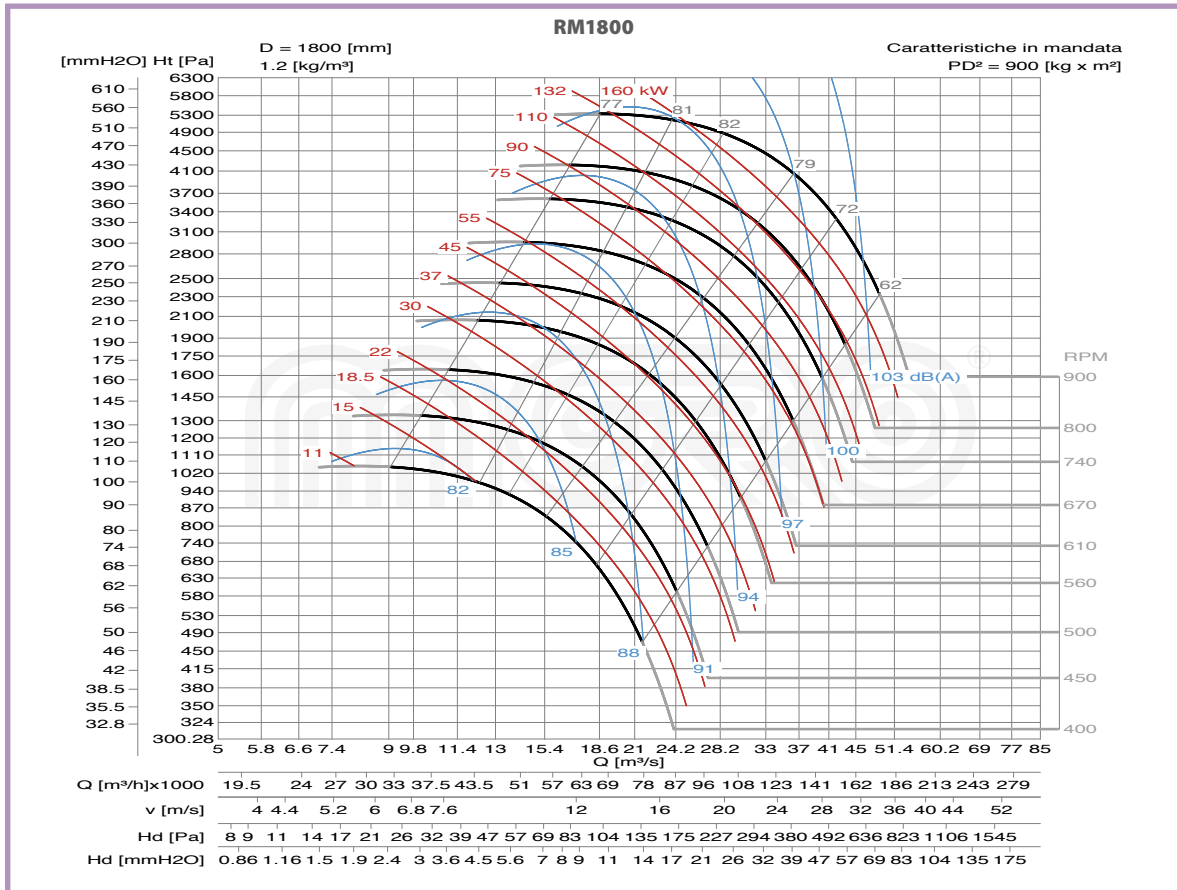
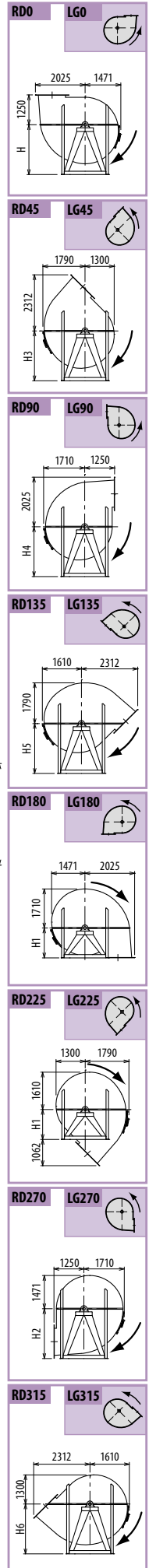
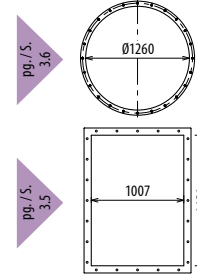
■ The fan is not revolvable

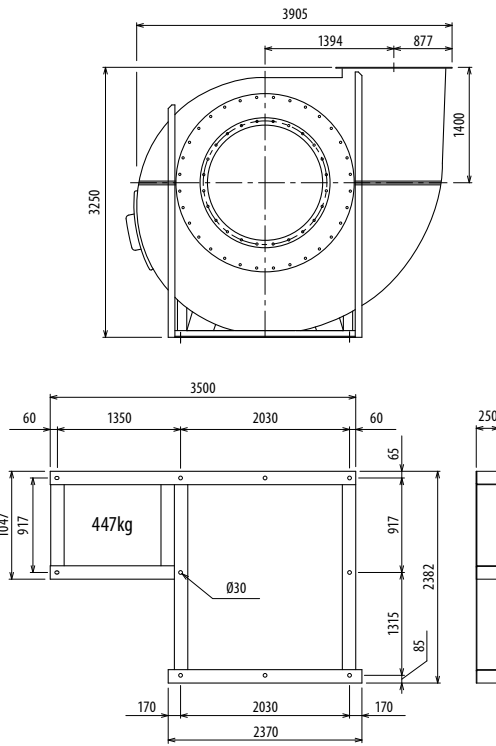
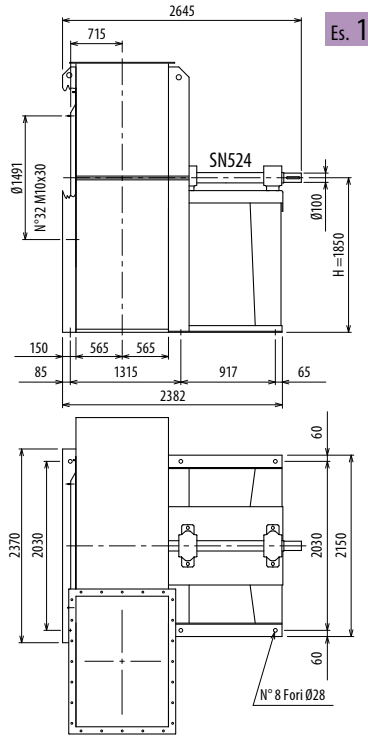
■ Der Ventilator ist nicht drehbar

■ El ventilador no es orientable

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²									
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	H5	H6
RM1800/T		2740	900			1650	1250	2120	1570	1400	1320	1800



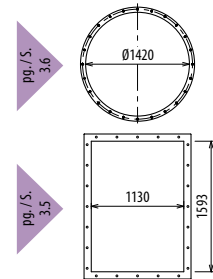


Il ventilatore non è orientabile

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable

TIPO - Type		PESO Weight	PD ²												
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	H5	H6			
RM2000/T		3630	1400			1850	1400	2360	1750	1600	1450	2000			

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:



RD0 LG0

RD45 LG45

RD90 LG90

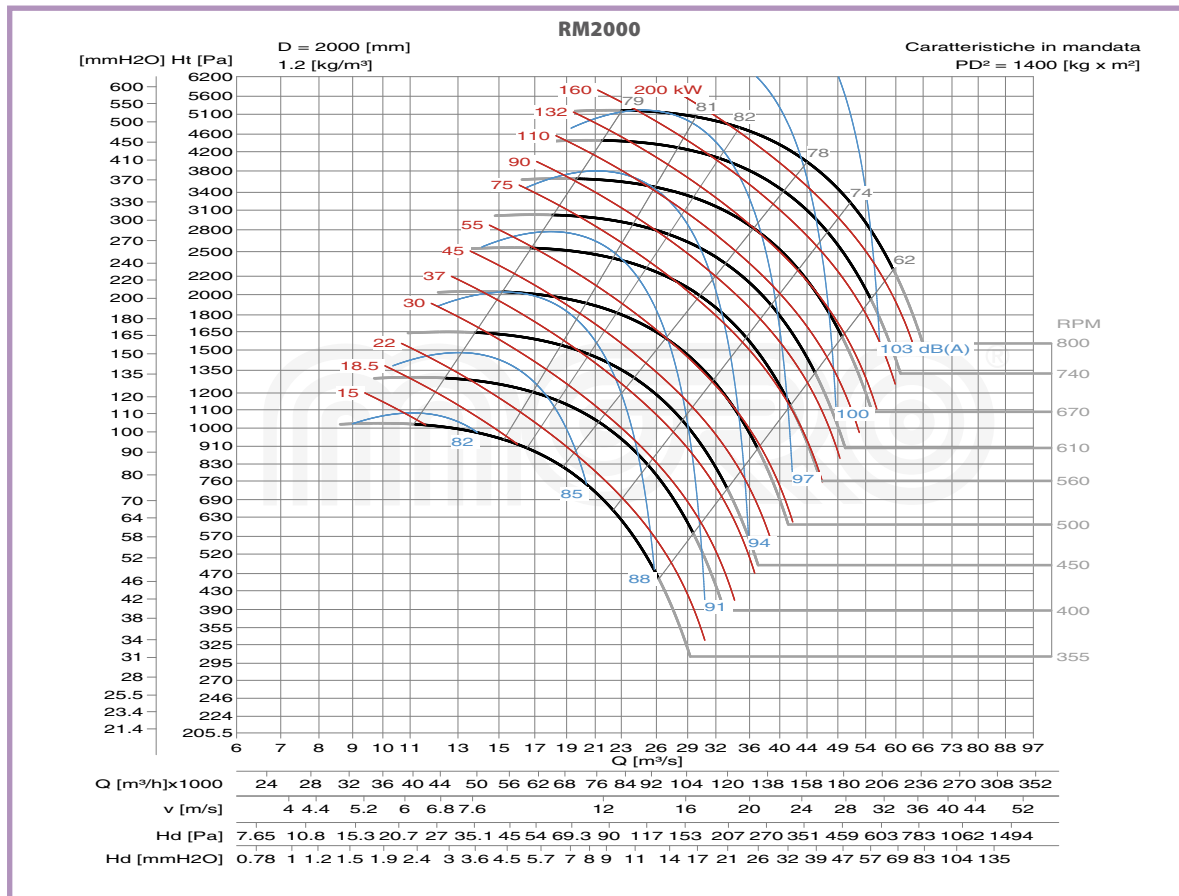
RD135 LG135

RD180 LG180

RD225 LG225

RD270 LG270

RD315 LG315



Mod. **GF/RU**

$Q = 360 \div 216000 \text{m}^3/\text{h}$

$Q = 0.1 \div 60 \text{m}^3/\text{s}$

$p_t = 70 \div 915 \text{mmH}_2\text{O}$

$p_t = 700 \div 9000 \text{Pa}$



Campo di lavoro

Portate piccole-medie-alte. Pressioni medie.

Tipo di pala

Curva, rovescia (negativa), vedi pag. 2.2.

Applicazioni

Per aspirazione e trasporto di aria pulita o polverosa, anche contenente in basse quantità segatura, trucioli vari, materiali granulari, ad esclusione di materiali filamentosi.

Esecuzioni costruttive standard

Es.1-Es.4-Es.5-Es.8-Es.9-Es.12, vedi pag. 2.5 - 2.6.

Temperature del fluido standard

-10÷+60°C. Per altre temperature vedi da pag. 1.12 a pag. 1.15.

Tipo di costruzione

Ventilatore in lamiera di Fe360, girante in Fe360 equilibrata staticamente e dinamicamente. Per altri materiali vedi da pag. 1.12 a pag. 1.15.

Dati di funzionamento

Condizioni dell'aria all'aspirazione T=20°C, 0m.s.l.m. e $\rho=1.205 \text{ kg/m}^3$.

Rumorosità

Espressa in potenza sonora L_{wA} [dB(A)] rilevata in campo libero con ventilatore canalizzato, vedi da pag. 1.43 a pag. 1.49.

Orientamenti

N°8 RD (rotazione oraria vista lato trasmissione) e N°8 LG. Ventilatore in versione imbullonata orientabile per le taglie 250-630, orientamento fisso per le taglie 710-2000. Vedi pag. 2.7.

Costruzioni speciali

Vedi da pag. 2.20 a pag. 2.30.

Classi giranti

La seguente tabella fa riferimento a condizioni di lavoro standard. In condizioni di esercizio gravose si consiglia di contattare il servizio clienti di MORO per conoscere la tipologia di girante più idonea.

GRANDEZZA VENTILATORE • Grandeur • Size • Größe • Tamaño	RPM MASSIMO • Maxi tours/min. • Max rpm • Max. U/min • R.p.m. máx.			
	CLASSE I	CLASSE II	CLASSE III	CLASSE IV
GF/RU250	5000			
GF/RU280	4750			
GF/RU310	4500			
GF/RU350/R	4350			
GF/RU350	4250			
GF/RU400/R	4100	5800		
GF/RU400	4000	5600		
GF/RU450/R	3750	5400		
GF/RU450	3600	5000		
GF/RU500/R	3500	4750		
GF/RU500	3400	4500		
GF/RU560/R	3300	4250	4750	
GF/RU560	3200	4000	4500	
GF/RU630/R	3100	3750	4250	
GF/RU630	2950	3600	4000	
GF/RU710/R	2800	3400	3750	
GF/RU710	2600	3200	3550	
GF/RU800/R	2500	3000	3350	3570
GF/RU800	2350	2800	3150	3500
GF/RU900/R	2200	2650	3000	3300
GF/RU900	2100	2500	2800	3100
GF/RU1000/R	2000	2350	2700	
GF/RU1000	1900	2250	2550	
GF/RU1120/R	1800	2150	2400	
GF/RU1120	1700	2000	2250	
GF/RU1250/R	1600	1900	2100	
GF/RU1250	1500	1800	2000	
GF/RU1400/R	1400	1700	1900	
GF/RU1400	1300	1600	1800	
GF/RU1600	1100	1400	1600	
GF/RU1800	1200	1350	1450	
GF/RU2000	1000	1150	1250	

VALORI VALIDI FINO A 60°C

• Valeurs valables jusqu'à 60°C • Values valid up to 60°C
• Werte bis 60°C gültig • Valores válidos hasta 60°C

FRA • entre • between • zwischen • entre	60°C	E • et • and • und • y	100°C	DECLASSARE VELOCITÀ • déclasser vitesse • degrade speed • Geschwindigkeit herabsetzen • rebajar velocidad	4%
	100°C		150°C		10%
	150°C		200°C		16%
	200°C		250°C		23%
	250°C		300°C		30%
	300°C		350°C		37%
	350°C		400°C		45%
	400°C		450°C		54%
	450°C		500°C		64%

■ Domaine de travail

Débits petits-moyens-élevés. Moyennes pressions.

Type d'ailette

Courbée, inversée (négative), voir page 2.2.

Applications

Pour aspiration et transport d'air propre ou poussiéreux, contenant également en faible quantité de la sciure, divers copeaux, des matières en granulés, sauf matières filamenteuses.

Configurations de constructions standard

Ex.1- Ex.4- Ex.5- Ex.8- Ex.9- Ex.12, voir pages 2.5 - 2.6.

Températures du fluide standard

-10÷+60°C. Pour d'autres températures voir pages 1.12-1.15.

Type de fabrication

Ventilateur en tôle de Fe360, turbine en Fe360 équilibrée statiquement et dynamiquement. Pour d'autres matériaux, voir pages 1.12-1.15.

Données de fonctionnement

Conditions de l'air à l'aspiration T=20°C, 0 m asl et $\rho=1.205 \text{ kg/m}^3$.

Niveau sonore

Exprimé en puissance sonore L_{wA} [dB(A)], relevé à l'air libre avec un ventilateur canalisé, voir pages 1.43 - 1.49.

Orientations

8 RD (rotation dans le sens des aiguilles d'une montre côté transmission) et 8 LG. Ventilateur en version boulonnée orientable pour les tailles 400-630, orientation fixe pour les tailles 710-2000. Voir page 2.7.

Fabrications spéciales

Voir pages 2.20-2.30.

Classes de turbines

Le tableau ci-dessus fait référence aux conditions de travail normales, en conditions de travail pénibles, on préconise de contacter le service clientèle de MORO pour connaître le type de turbine le plus adapté.

■ Field of operation

Low-medium-high flow rates. Average pressures.

Blade type

Curve, backward (negative), see pg. 2.2.

Applications

For the inlet and transport of clean or dusty air, also containing low quantities of sawdust, various chips, granular materials, with the exclusion of filaments.

Standard constructional arrangements

Arr.1-Arr.4-Arr.5-Arr.8-Arr.9-Arr.12, see pgs. 2.5 - 2.6.

Standard fluid temperatures

-10÷+60°C. For other temperatures see pgs. 1.12 to 1.15.

Type of construction

Fan in Fe360 plate, impeller in Fe360 statically and dynamically balanced. For other materials see pgs. 1.12 to 1.15.

Operating specifications

Condition of inlet air T=20°C, 0 m above sea level and $\rho=1.205 \text{ kg/m}^3$.

Noise level

Expressed as sound power L_{wA} [dB(A)] measured in free field with ducted fan, see pgs. 1.43 to 1.49.

Orientations

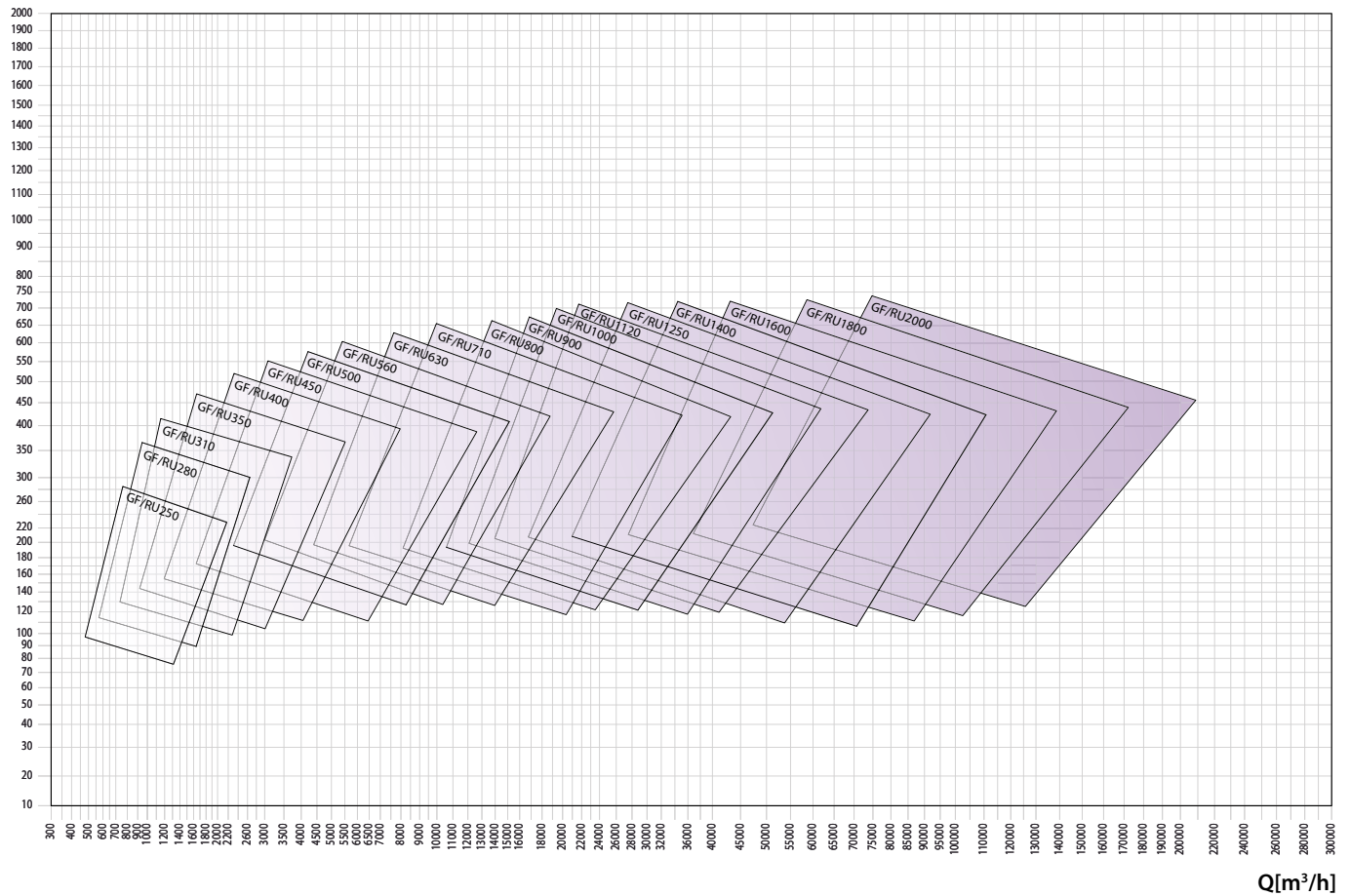
No.8 RD (clockwise viewed from transmission side) and No.8 LG. Fan in bolted orientable version for sizes 400-630, fixed orientation for sizes 710-2000. See pg. 2.7.

Special applications

See pgs. 2.20 to 2.30.

Impeller classes

The above table refers to standard operating conditions, in heavy-duty service conditions it is advisable to contact the MORO Customer Service to establish the most suitable type of impeller.

pt [mmH₂O]

GF/RU

■ Arbeitsbereich

Niedrige - mittlere - grosse Fördermengen. Mittlere Drücke.

Schaufelform

Kurve, rückwärts gekrümmt (negativ), siehe Seite 2.2.

Anwendungen

Zur Absaugung und zum Transport von sauberer und staubhaltiger Luft, auch mit geringem Anteil von Sägestaub, Spänen verschiedener Art, Granulaten, ausser fadenförmigen Materialien.

Konstruktive Standardausführungen

Ausf. 1-Ausf. 4-Ausf. 5-Ausf. 8-Ausf. 9-Ausf. 12, siehe Seiten 2.5 - 2.6.

Standardtemperatur des Mediums

-10 ÷ +60°C. Für andere Temperaturen siehe Seiten 1.12 bis 1.15.

Konstruktionsart

Ventilator aus Blech Fe360, Laufrad aus Fe360, statisch und dynamisch ausgewuchtet. Für andere Materialien siehe Seiten 1.12 bis 1.15.

Betriebsdaten

Physikalischer Zustand der Ansaugluft T = 20°C, 0 m ü. M. und $\rho = 1.205 \text{ kg/m}^3$.

Geräuschpegel

angegeben als Schalleistungspegel $L_{w,A}$ [dB(A)] mit Messung im Freifeld und an Rohren angeschlossenen Ventilatoren, siehe Seiten 1.43 bis 1.49.

Ausrichtung

8 Modelle RD (Drehrichtung im Uhrzeigersinn, von Antriebsseite aus gesehen) und 8 Modelle LG. Angeschraubter, in der Ausrichtung veränderbarer Ventilator in den Grössen 400 - 630, mit Vorderstütze und damit nicht veränderbar ab Grösse 710 mit Riementrieb, immer ausrichtbar bei allen direkt angetriebenen Ventilatoren ohne Vorderstütze, siehe Seite 2.7.

Spezialausführungen

Siehe Seiten 2.20 bis 2.30.

Laufradklassen

Die obenstehende Tabelle bezieht sich auf normale Betriebsbedingungen. Bei erschwerenden Betriebsbedingungen wird empfohlen, den Kundenservice der MORO zu kontaktieren, um den am besten geeigneten Laufradtyp zu bestimmen.

■ Campo de trabajo

Caudales pequeños-medios-altos. Presiones medias.

Tipo de pala

Curva, invertida (negativa), ver pág. 2.2.

Aplicaciones

Para aspiración y transporte de aire limpio o cargado de polvo, incluso con pequeñas cantidades de serrín, virutas de distintos tipos y materiales granulados, exceptuando los materiales filamentosos.

Variantes constructivas estándares

Ejec.1-Ejec.4-Ejec.5-Ejec.8-Ejec.9-Ejec.12, ver págs. 2.5 - 2.6.

Temperaturas del fluido estándares

De -10 a +60°C. Para otras temperaturas, ver págs. de 1.12 a 1.15.

Tipo de construcción

Ventilador de chapa en Fe360, rotor en Fe360 equilibrado estática y dinámicamente. Para otros materiales, ver págs. de 1.12 a 1.15.

Datos de funcionamiento

Condiciones del aire en aspiración T = 20°C, 0 m SNM y $\rho = 1.205 \text{ kg/m}^3$.

Niveles de ruido

Expresados en potencia sonora $L_{w,A}$ [dB(A)] medida en campo abierto con ventilador canalizado, ver págs. de 1.43 a 1.49.

Orientaciones

8 RD (rotación dextrógira vista desde el lado de transmisión) y 8 LG. Ventilador en versión empennada orientable para tamaños 400-630, orientación fija para tamaños 710-2000. Ver pág. 2.7.

Construcciones especiales

Ver págs. de 2.20 a 2.30.

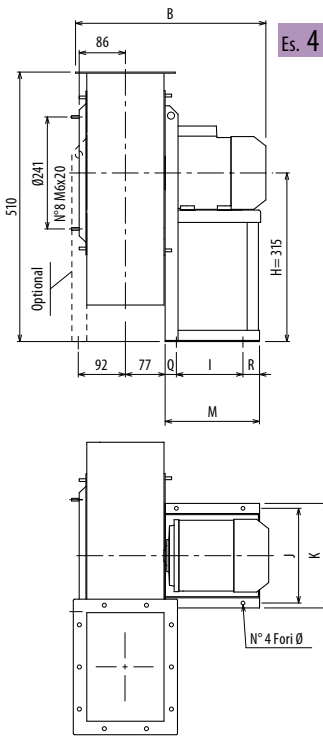
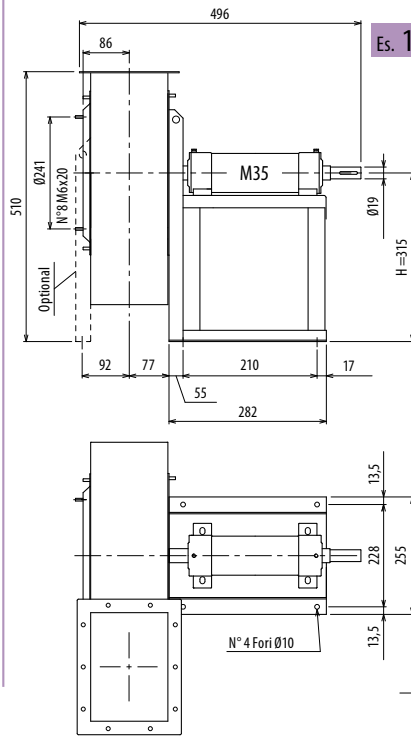
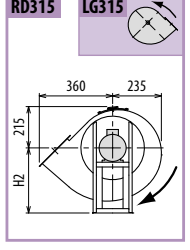
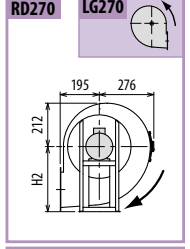
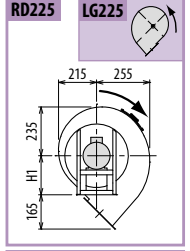
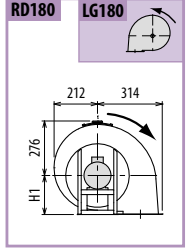
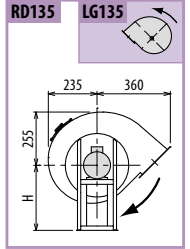
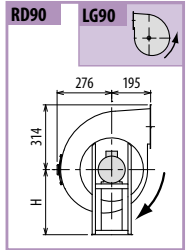
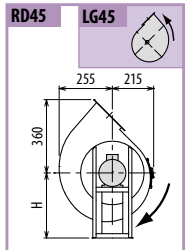
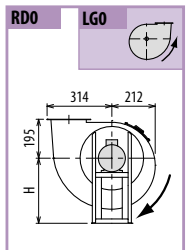
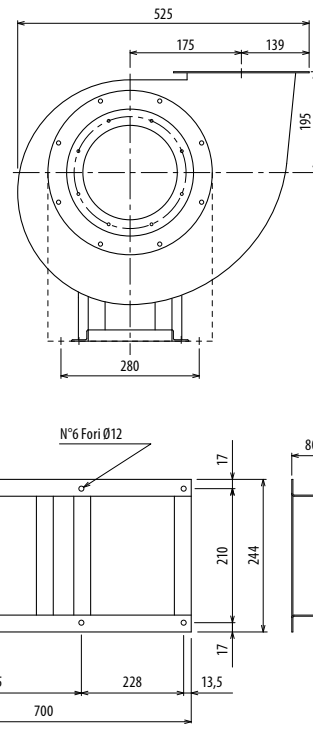
Clases de rotores

La tabla arriba hace referencia a condiciones de trabajo estándares, en condiciones de funcionamiento pesadas, se aconseja llamar al Servicio de atención al cliente de MORO para conocer el tipo de rotor más adecuado.

GF/RU

Tipo • Type • Type • Typ • Tipo		P inst. [kW]	n	LpA [dB(A)]	Tolleranza sulla portata ±5% • Tolérance sur le débit ±5% • Load tolerance ±5% • Durchsatztoleranz ±5% • Tolerancia respecto caudal ±5%																			
Ventilatore • Ventilateur • Fan • Ventilator • Ventilador	Motore • Moteur • Motor • Motor • Motor				Q [m³/h]																			
					470	540	650	720	790	865	935	1080	1225	1370	1440	1620	1800	2160	2520	2880	3240	3600	3960	4320
					pt[mmH ₂ O]																			
GF/RU250/2	71	0,37	2800	56	90	89	87	85	83	81	79	73												
GF/RU280/2	71	0,55	2800	59		114	113	112	111	110	108	105	100	95	91									
GF/RU310/2	80	1,1	2845	60					152	152	151	151	149	148	147	145	142	135						
GF/RU350/2	90	2,2	2920	64									196	194	193	192	191	190	188	185	179			
GF/RU400/2	100	3	2930	68												251	249	248	248	247	242			
GF/RU400/2	112	4	2940	68												251	249	248	248	247	242	236		
GF/RU450/2R	132	5,5	2940	71															299	295	290	285		
GF/RU450/2	132	5,5	2940	67																329	325	322		
GF/RU450/2	132	7,5	2940	73																329	325	322		
GF/RU500/2R	132	7,5	2940	68																		372		
GF/RU500/2	132	9,2	2940	69																		401		
GF/RU500/2	160	11	2960	74																		409		
GF/RU560/2R	160	15	2960	74																		406		
GF/RU560/2	160	15	2960	70																				
GF/RU560/2	160	18,5	2960	77																				
GF/RU630/2R	180	22	2960	74																				
GF/RU630/2R	200	30	2960	78																				
GF/RU630/2	200	30	2960	74																				
GF/RU630/2	200	37	2960	79																				
GF/RU710/2R	225	45	2970	75																				
GF/RU710/2R	250	55	2970	80																				
GF/RU710/2	250	55	2970	76																				
GF/RU710/2	280	75	2970	82																				
GF/RU800/2R	280	90	2970	82																				
GF/RU800/2	315	110	2970	83																				
GF/RU500/4	90	1,1	1415	56												96	95	93	91	87	83			
GF/RU560/4	100	2,2	1420	60															119	117	116	115		
GF/RU630/4	112	4	1440	63																	151	150		
GF/RU710/4R	132	5,5	1460	66																				
GF/RU710/4	132	7,5	1470	68																				
GF/RU800/4R	160	11	1470	69																				
GF/RU800/4	160	15	1470	71																				
GF/RU900/4R	180	18,5	1470	73																				
GF/RU900/4	200	30	1470	74																				
GF/RU1000/4R	225	37	1470	75																				
GF/RU1000/4	225	45	1470	77																				
GF/RU1120/4R	250	55	1475	76																				
GF/RU1120/4	280	75	1480	79																				
GF/RU1250/4R	315	110	1485	80																				
GF/RU1250/4	315	132	1485	81																				
GF/RU1400/4R	315	200	1490	82																				
GF/RU1400/4	315	250	1490	84																				
GF/RU800/6	132	4	950	63																				
GF/RU900/6	160	7,5	960	63																				
GF/RU1000/6R	160	11	980	66																				
GF/RU1000/6	180	15	980	67																				
GF/RU1120/6R	200	18,5	980	67																				
GF/RU1120/6	200	22	980	70																				
GF/RU1250/6R	225	30	980	71																				
GF/RU1250/6	250	37	980	72																				
GF/RU1400/6R	280	45	980	74																				
GF/RU1400/6	315	75	980	75																				

Il livello di pressione sonora ponderato A, LpA (cap.14), corrisponde al valore rilevato, nelle condizioni di prova, nel punto di massima rumorosità.

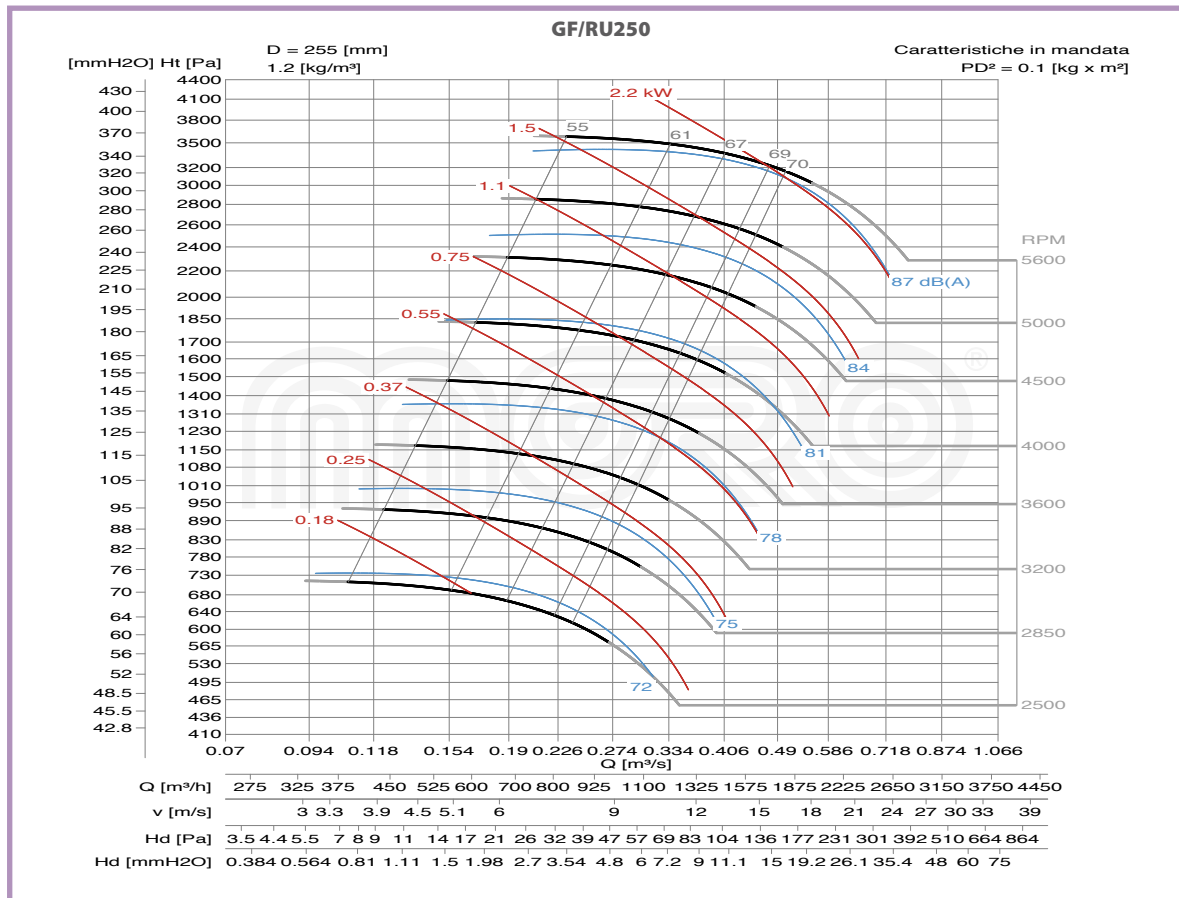
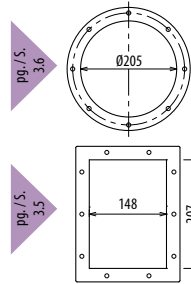

Es. 4

Es. 1


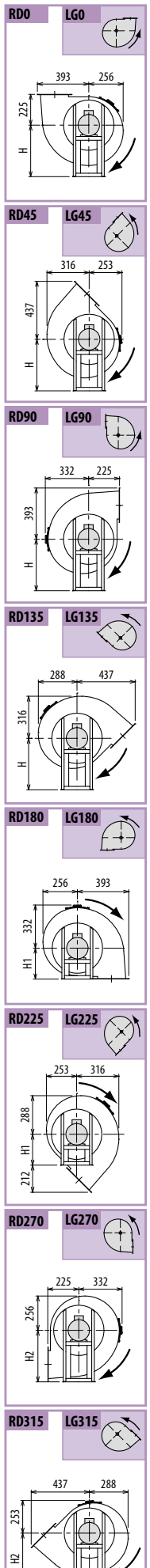
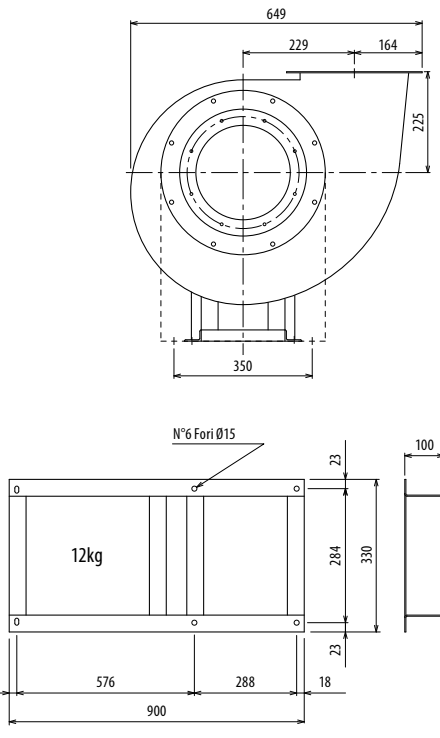
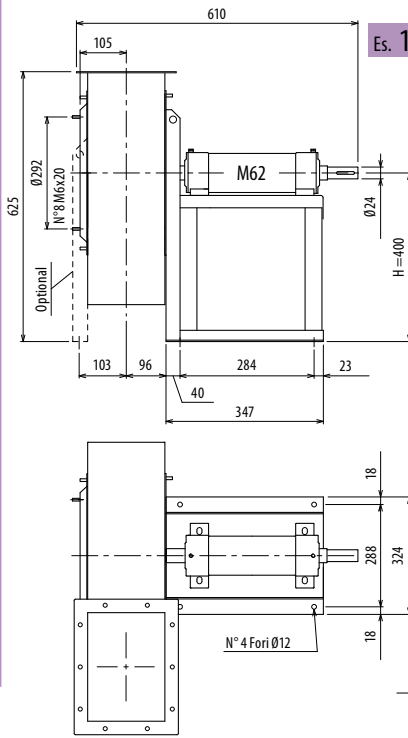
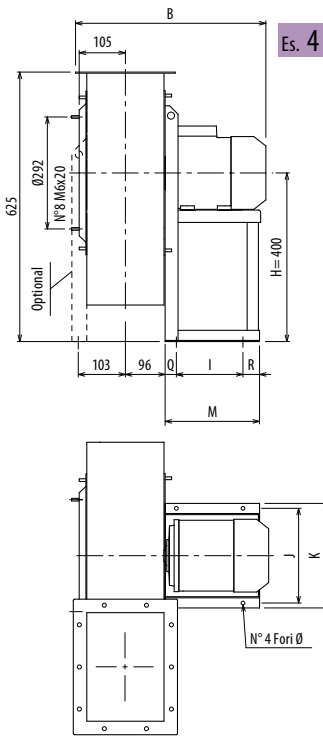
Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revoluble
- Der Ventilator ist drehbar
- El ventilador es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

 Ulteriori informazioni e quote:
 ■ Ulteriori informazioni e cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
GF/RU250/2	71 A2	28	0,10	396	121	315	195	315	203	225	195	48	26	10
GF/RU250/T		30	0,10			315	195	315						



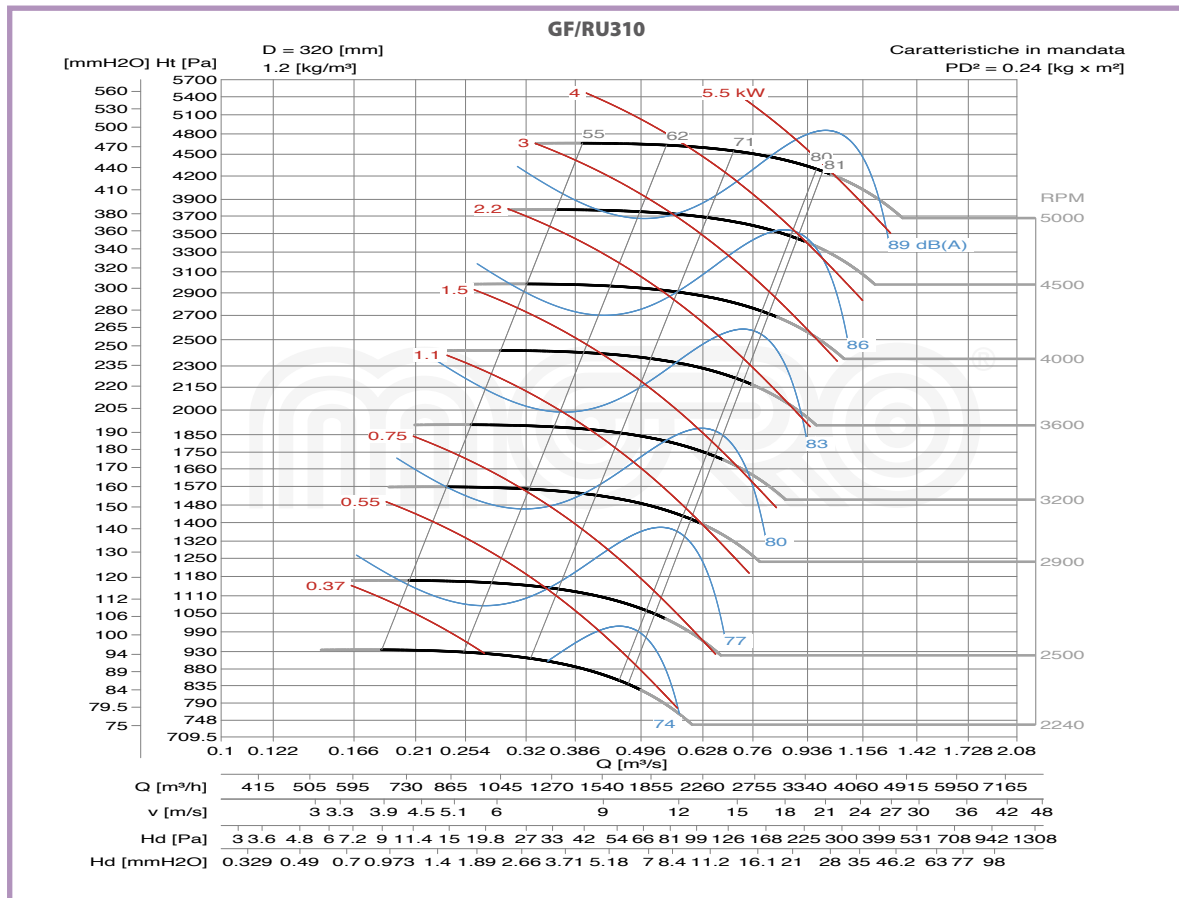
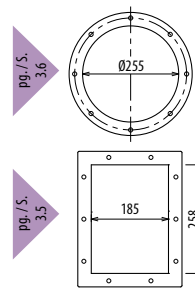


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
GF/RU310/2	80 B2	42	0,24	458	121	400	225	400	203	225	211	45	45	10
GF/RU310/T		55	0,24			400	225	400						

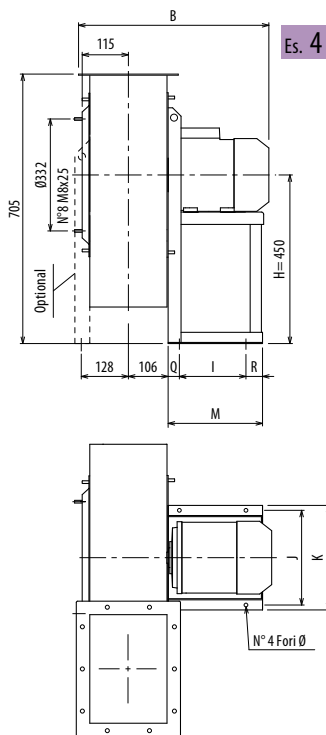


DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

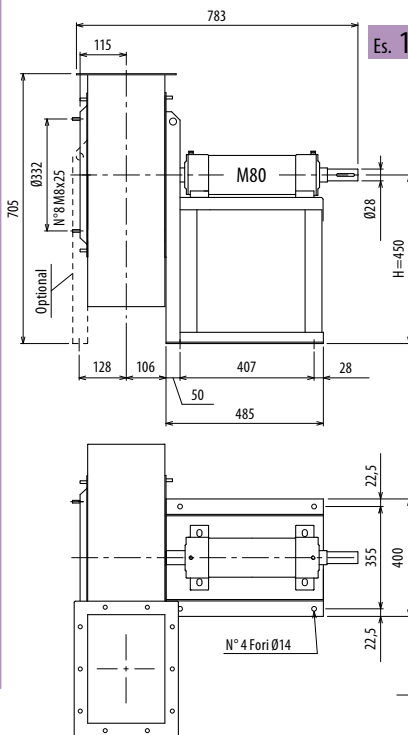
GF/RU350



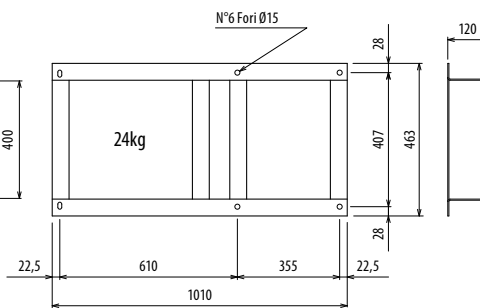
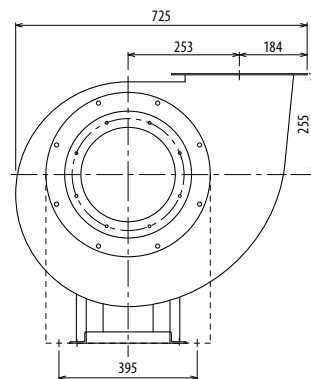
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAßE UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1

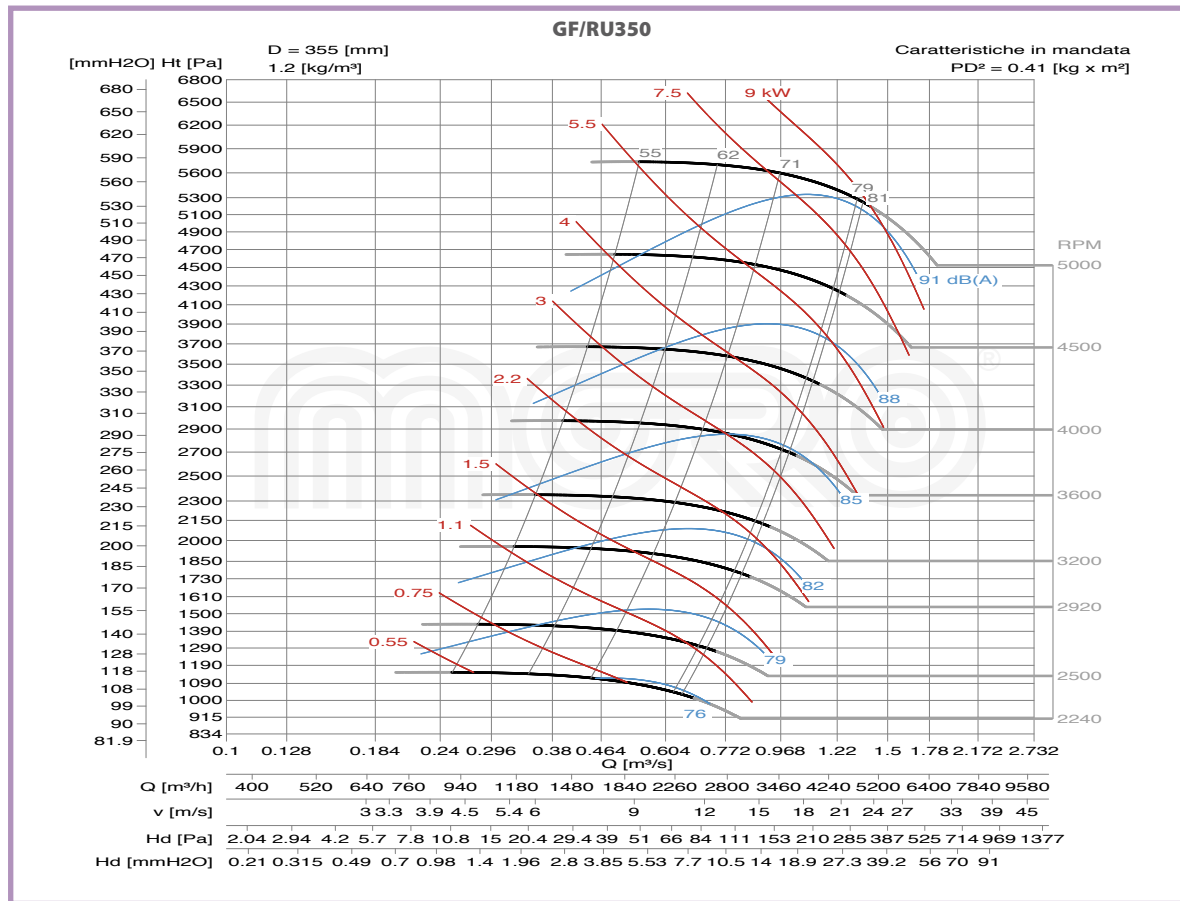
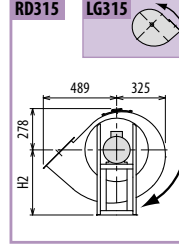
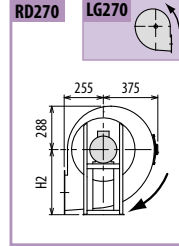
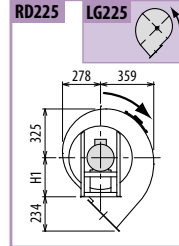
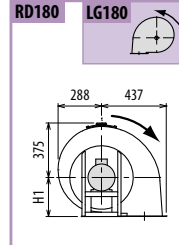
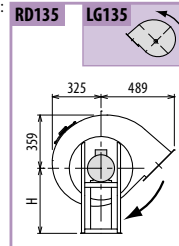
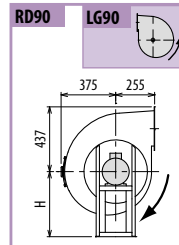
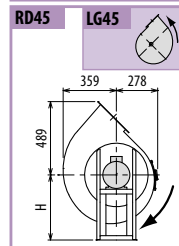
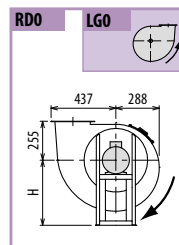
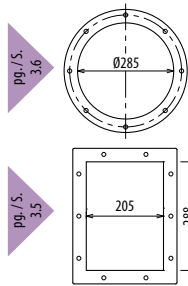


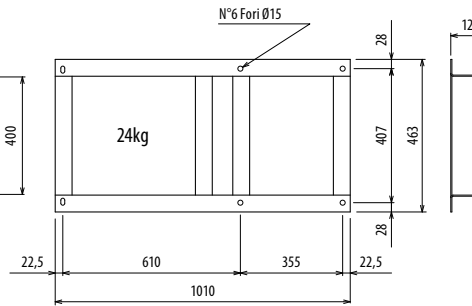
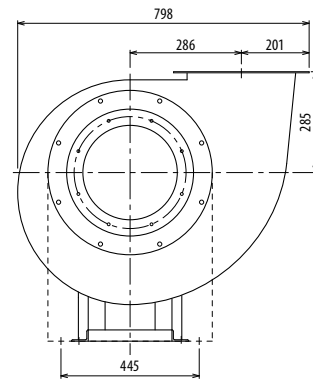
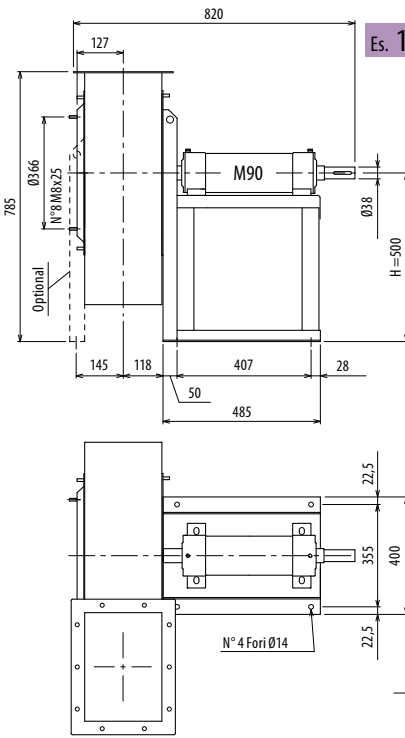
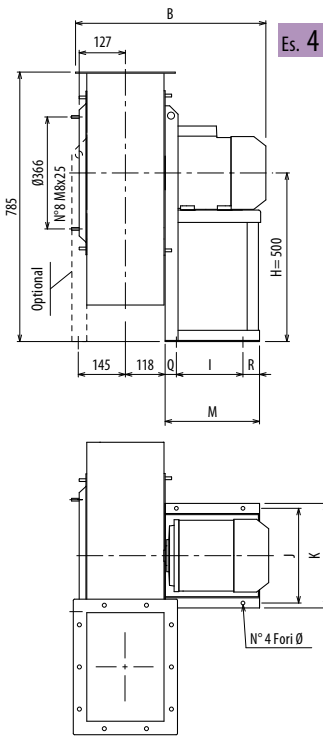
Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
 - The fan is revolvable
 - Der Ventilator ist drehbar
 - El ventilador es orientable
- The weight indicated in the table includes motor Das Gewicht im Tafel schließt den Motor ein El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
GF/RU350/2	90 L2	62	0,41	530	133	450	255	450	234	260	246	55	58	10
GF/RU350/T		72	0,41			450	255	450						



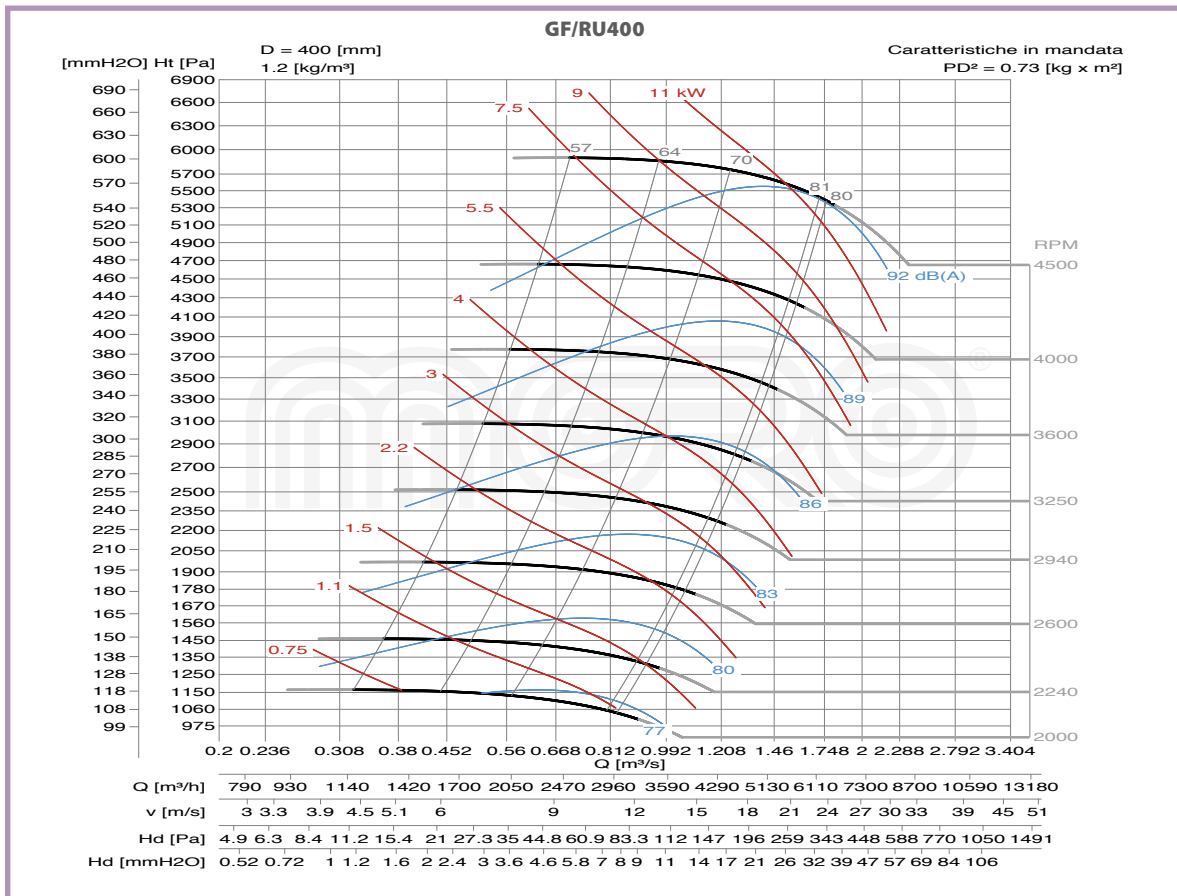
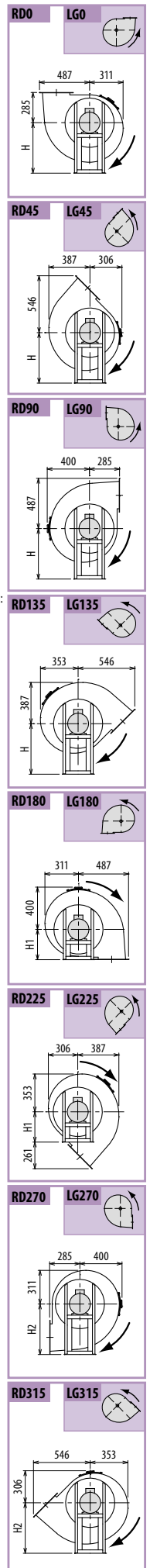
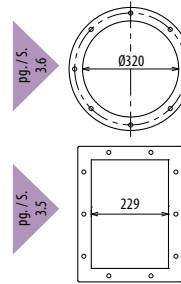


Il ventilatore è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

 Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
GF/RU400/2	100 L2	82	0,73	580	197	500	285	500	289	324	276	30	49	12
GF/RU400/2	112 M2	90	0,73	606	197	500	285	500	289	324	276	30	49	12
GF/RU400/T		82	0,73			500	285	500						

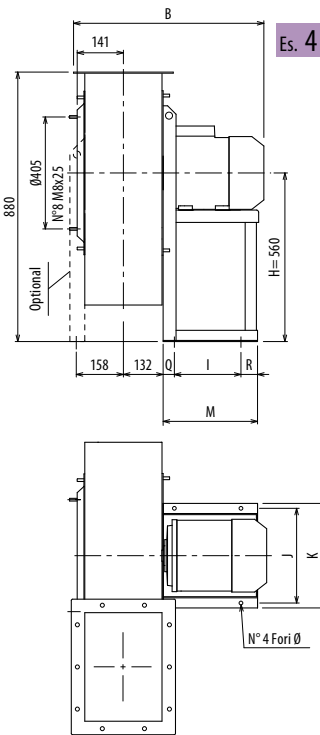


DIMENSIONI D'INGOMBRO E PESI/CURVE DI FUNZIONAMENTO

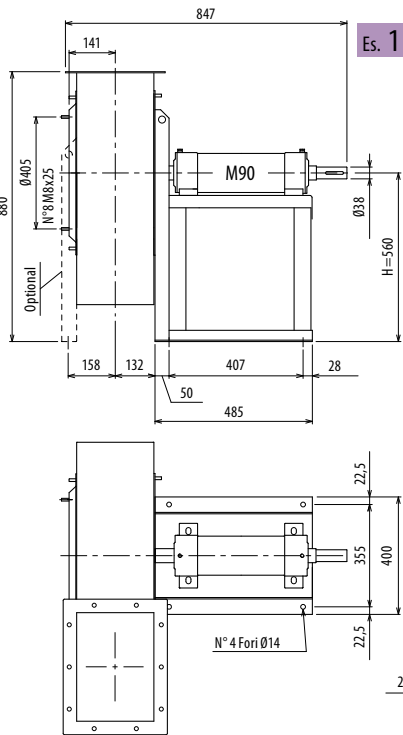
GF/RU450



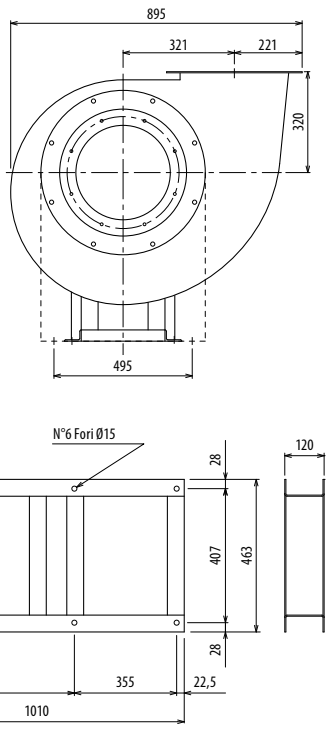
■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1

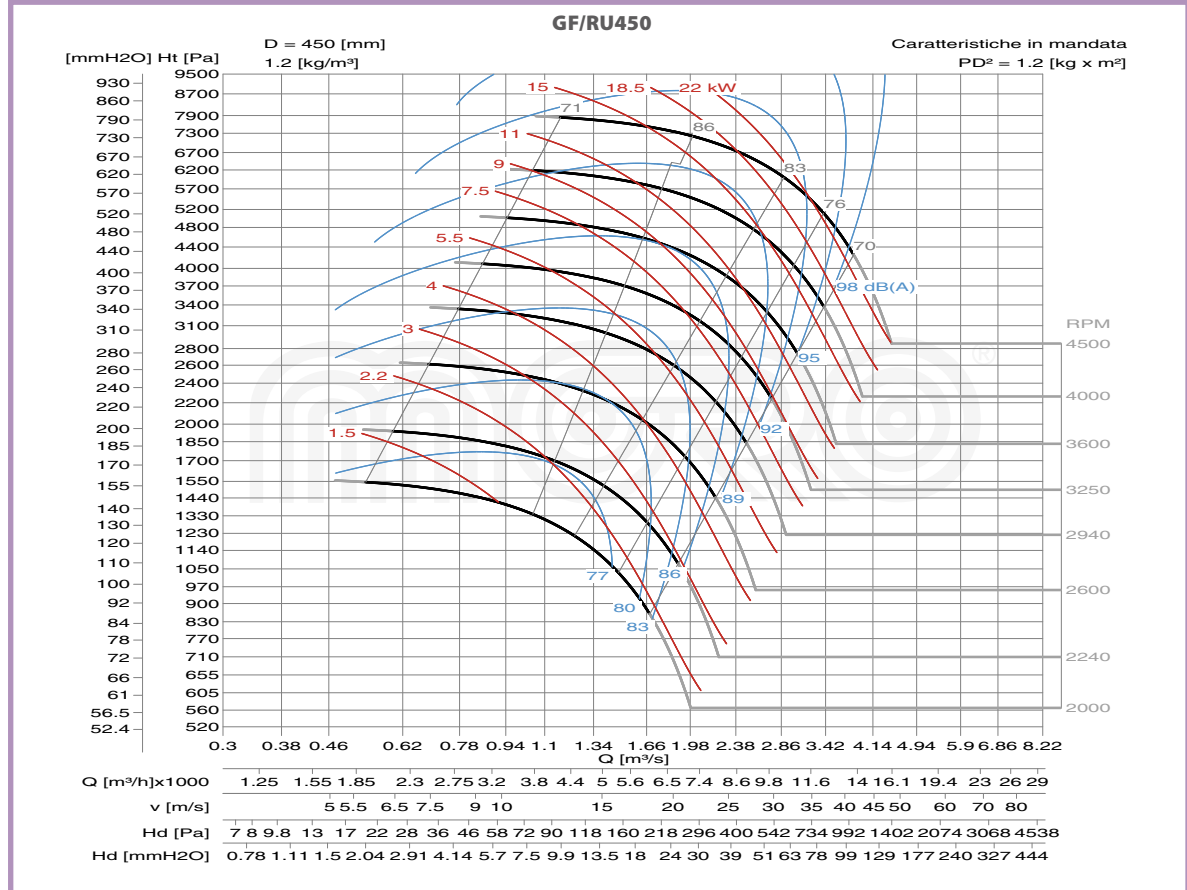
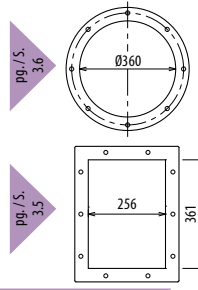


Il ventilatore è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revoluble
- Der Ventilator ist drehbar
- El ventilador es orientable
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor													
GF/RU450/2R	132 SA2	106	1,2	673	237	560	320	560	337	372	336	40	59	12
GF/RU450/2	132 SA2	107	1,2	673	237	560	320	560	337	372	336	40	59	12
GF/RU450/2	132 SB2	115	1,2	673	237	560	320	560	337	372	336	40	59	12
GF/RU450/T		98	1,16			560	320	560						



RD0 LG0

RD45 LG45

RD90 LG90

RD135 LG135

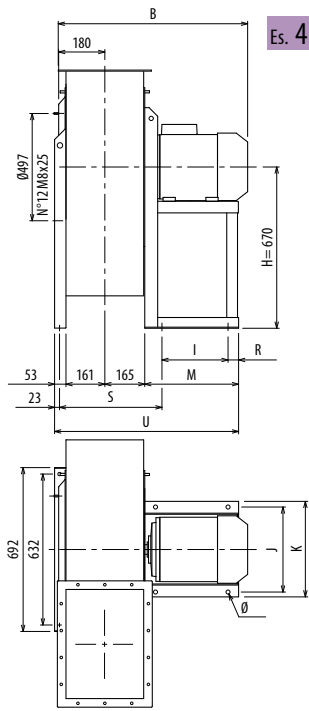
RD180 LG180

RD225 LG225

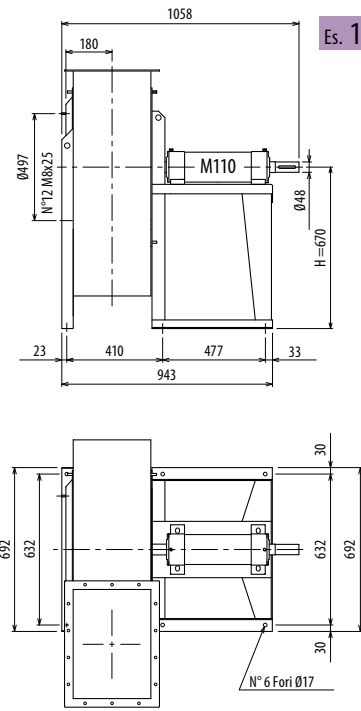
RD270 LG270

RD315 LG315

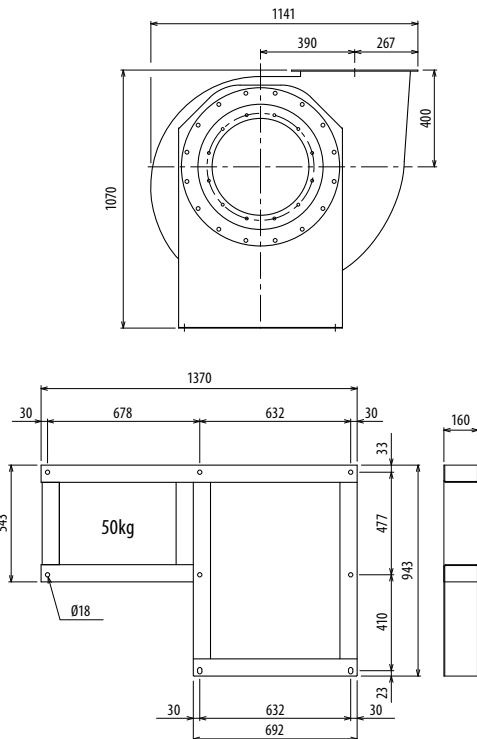
GF/RU



Es. 4



Es. 1



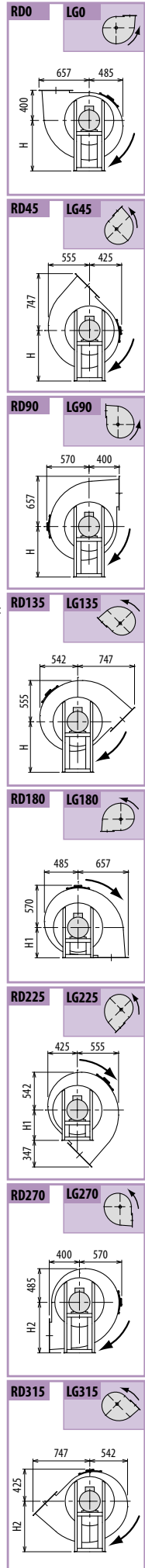
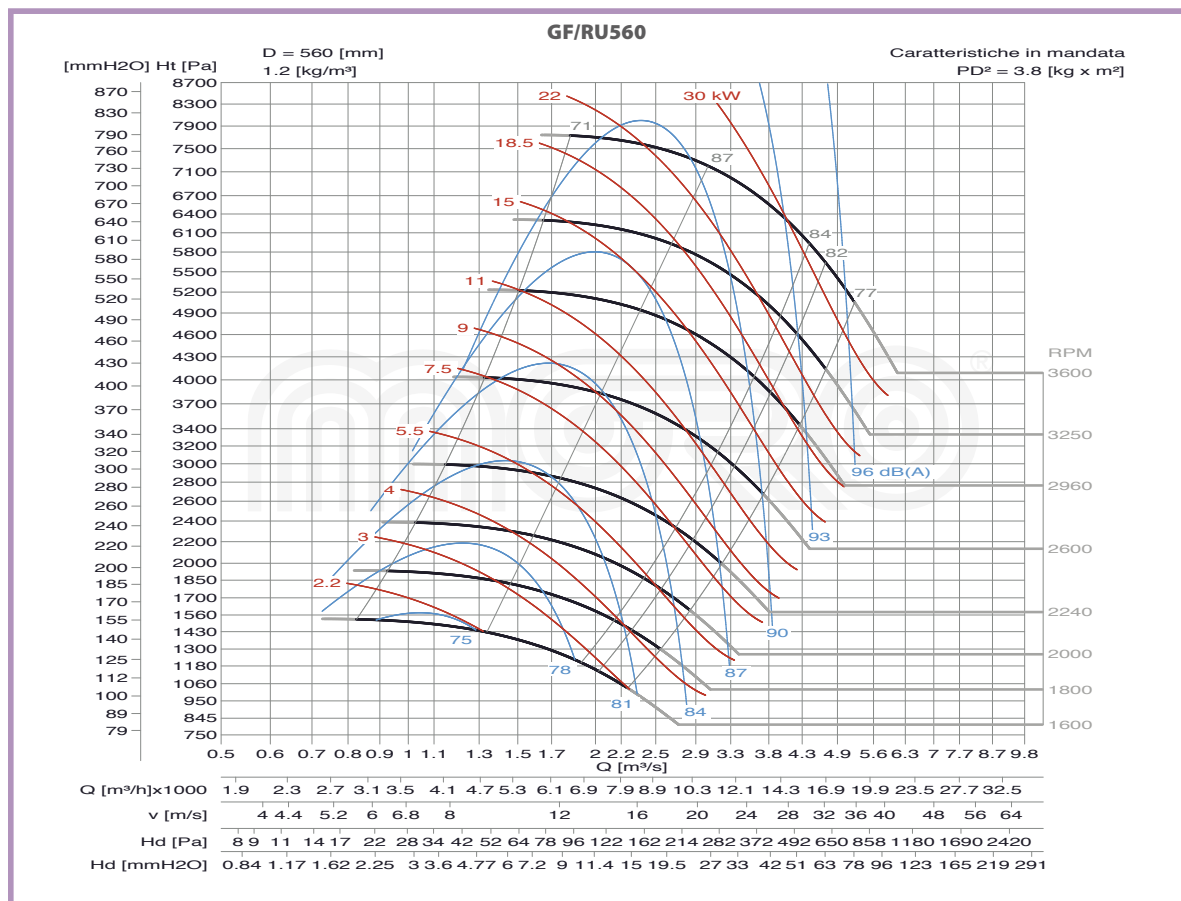
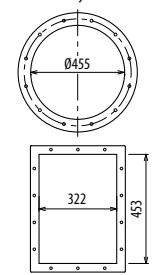
Il ventilatore è orientabile - Peso in tabella comprensivo di motore

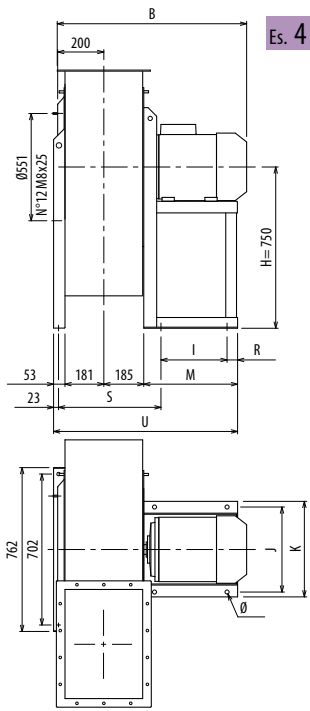
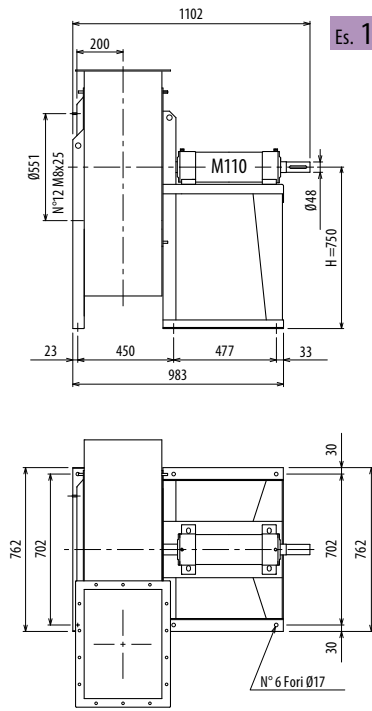
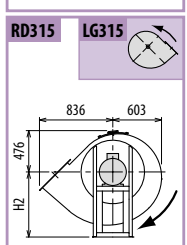
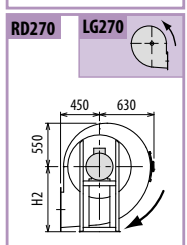
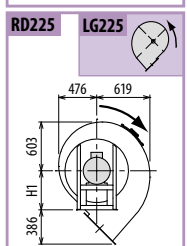
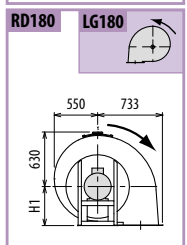
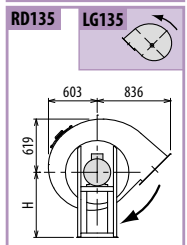
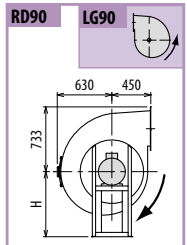
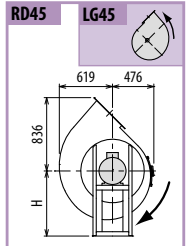
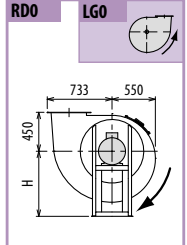
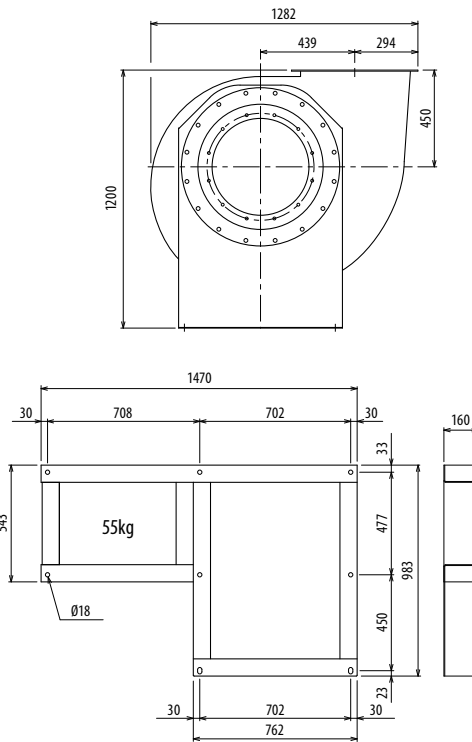
- Le ventilateur est orientable
- The fan is revoluble
- Der Ventilator ist drehbar
- El ventilador es orientable
- Ulteriori informazioni e quote:
- Ulérieures informations et cotes:
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²												
GF/RU560/2R	160 MB2	217	3,4	857	337	670	400	670	395	440	436	49	406	815	14
GF/RU560/2	160 MB2	218	3,8	857	337	670	400	670	395	440	436	49	406	815	14
GF/RU560/2	160 L2	228	3,8	857	337	670	400	670	395	440	436	49	406	815	14
GF/RU560/4	100 L4	143	3,2	691	197	670	400	670	289	324	276	49	386	655	12
GF/RU560/T		182	3,8			670	400	670							

pg. / S. 3,6

pg. / S. 3,5




Es. 4

Es. 1


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

 ■ Le ventilateur est orientable
 Le poids dans le tableau inclut le moteur

 ■ The fan is revoluble
 The weight indicated in the table includes motor

 ■ Der Ventilator ist drehbar
 Das Gewicht im Tafel schließt den Motor ein

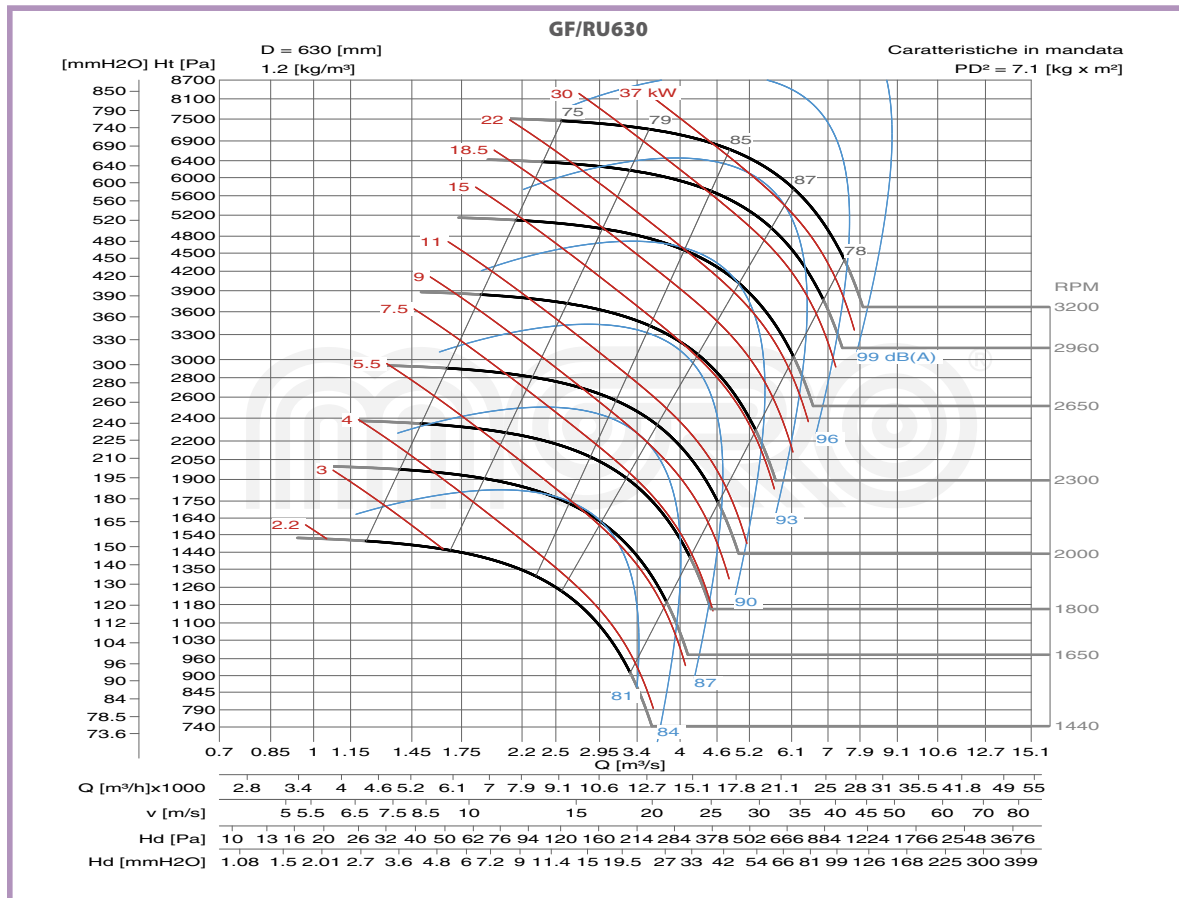
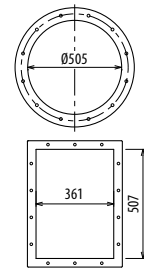
 ■ El ventilador es orientable
 El peso en la tabla incluye el motor

 Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

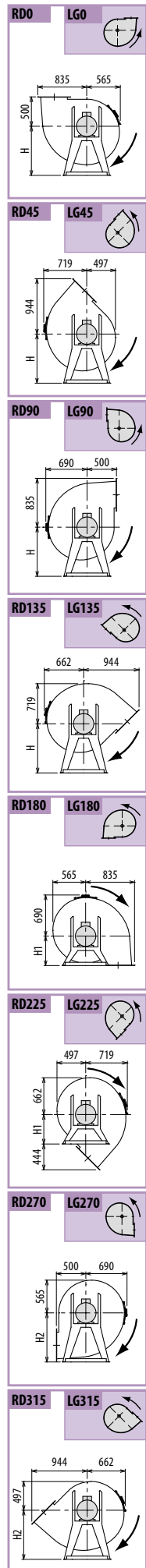
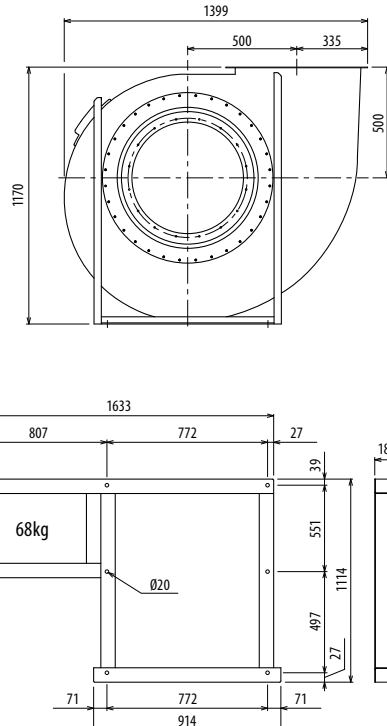
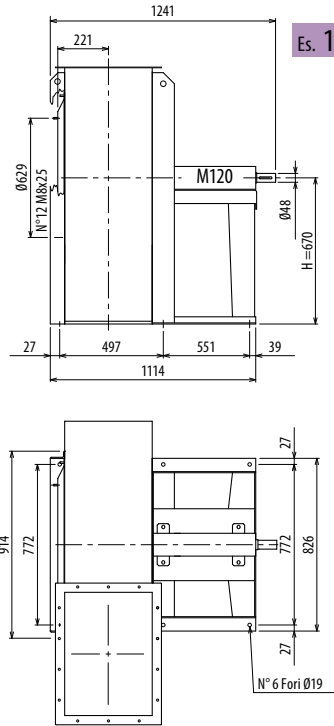
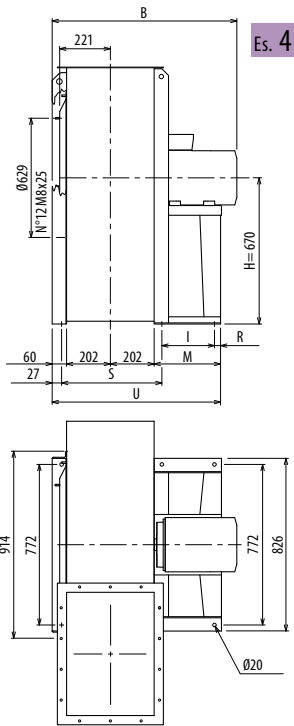
TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²												
GF/RU630/2R	180 M2	375	5,5	1021	357	750	450	750	434	488	460	33	392	805	18
GF/RU630/2R	200 LA2	438	5,5	1086	381	750	450	750	506	568	500	39	475	918	20
GF/RU630/2	200 LA2	443	7,1	1086	381	750	450	750	506	568	500	39	475	918	20
GF/RU630/2	200 LB2	443	7,1	1086	381	750	450	750	506	568	500	39	475	918	20
GF/RU630/4	112 M4	190	6,6	752	197	750	450	750	289	324	276	49	425	694	12
GF/RU630/T		218	7,1			750	450	750							

pg. / S. 3.6

pg. / S. 3.5



■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

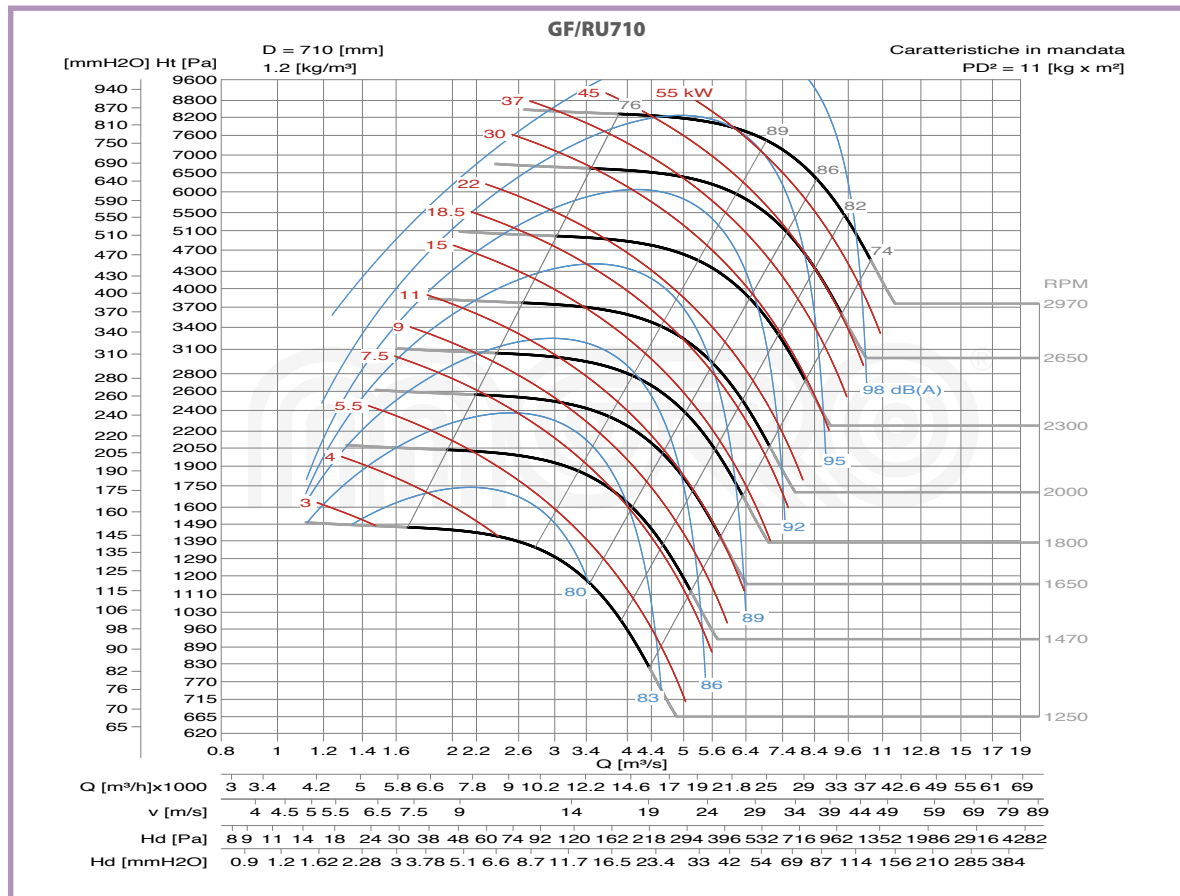
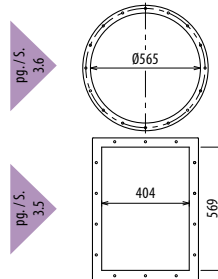


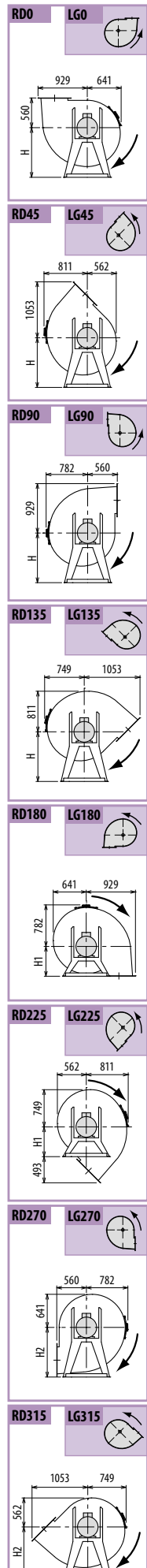
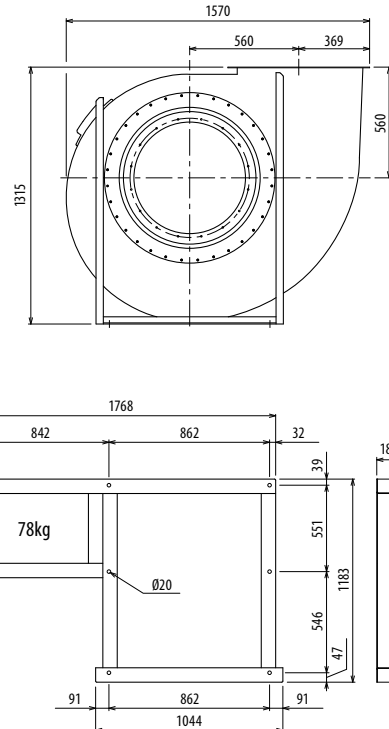
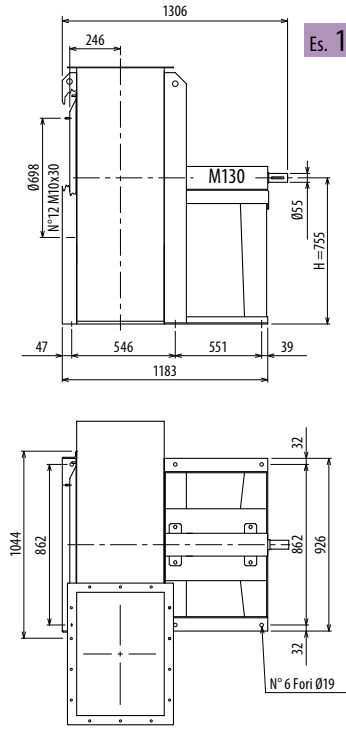
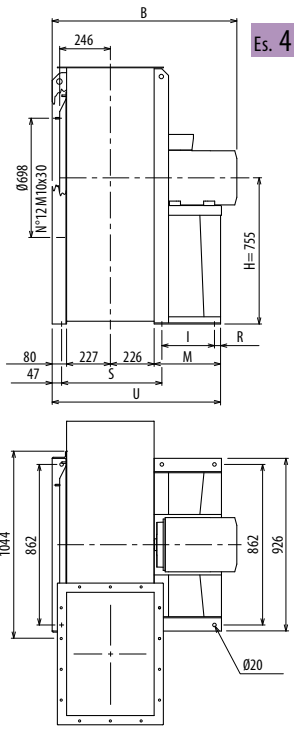
Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U		
GF/RU710/2R	225 M2	540	10	1173	441	670	500	850	39	497	540	1004		
GF/RU710/2R	250 M2	625	10	1281	501	670	500	850	39	497	600	1064		
GF/RU710/2	250 M2	626	11	1281	501	670	500	850	39	497	600	1064		
GF/RU710/2	280 S2	760	11	1284	591	670	500	850	39	497	690	1154		
GF/RU710/4R	132 S4	275	10	837	201	670	500	850	75	497	336	800		
GF/RU710/4	132 M4	288	11	837	201	670	500	850	75	497	336	800		
GF/RU710/T		325	11			670	500	850						



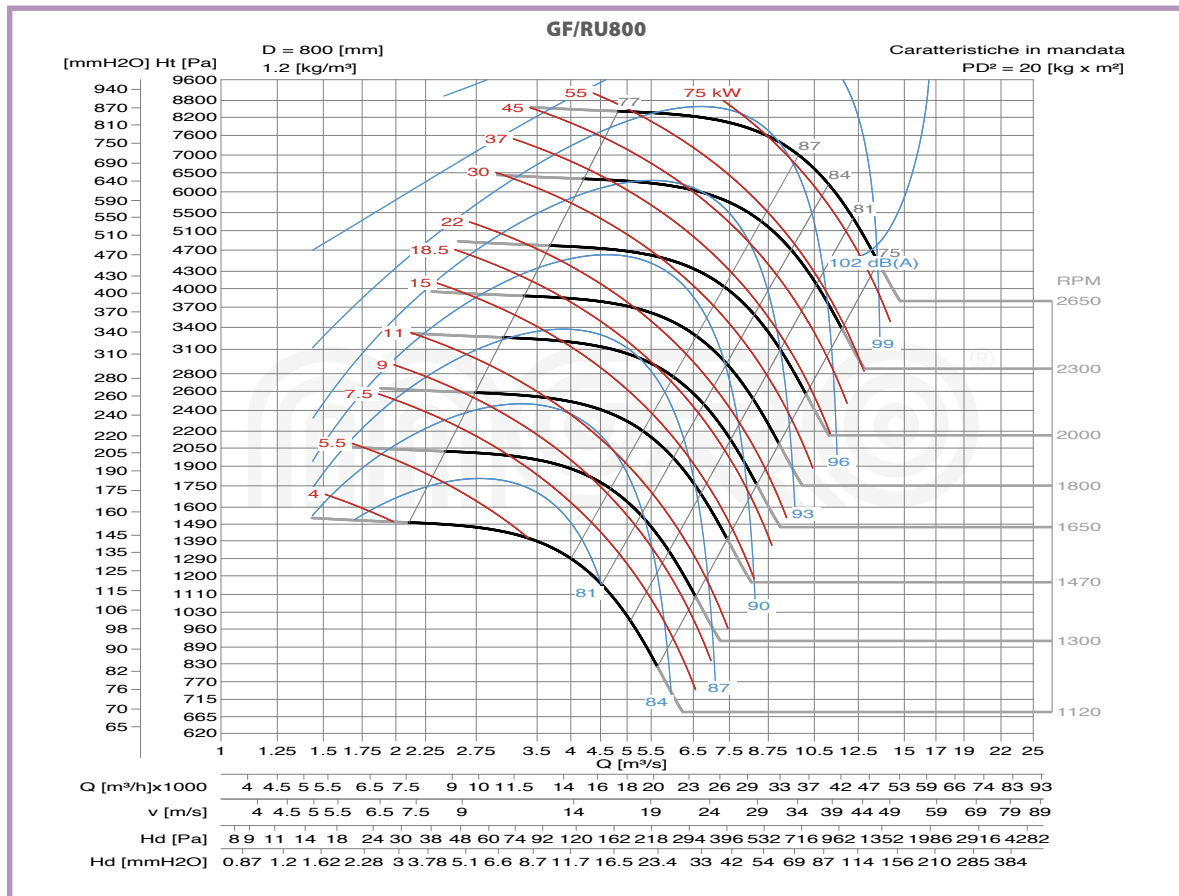
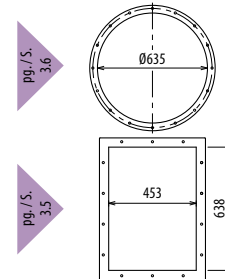


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

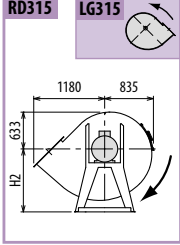
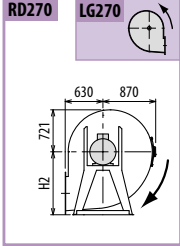
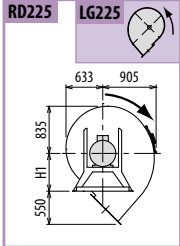
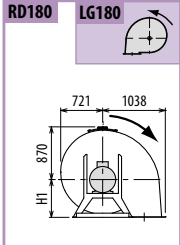
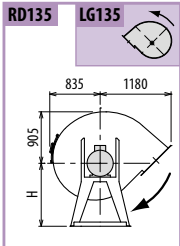
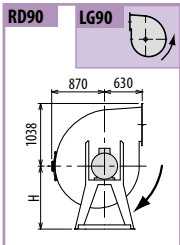
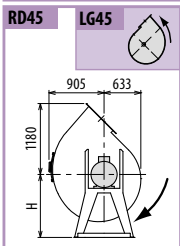
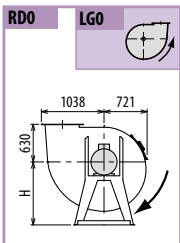
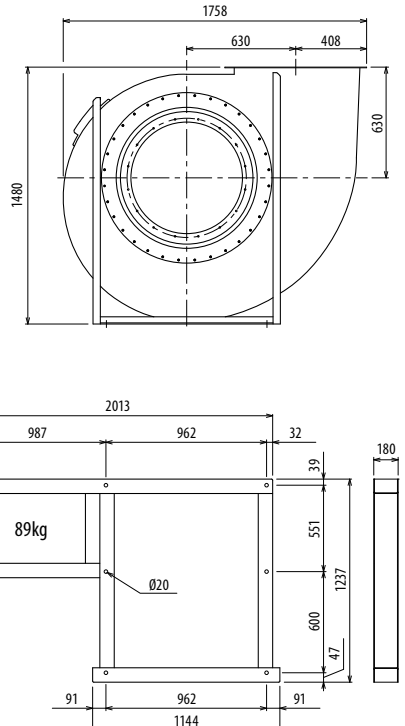
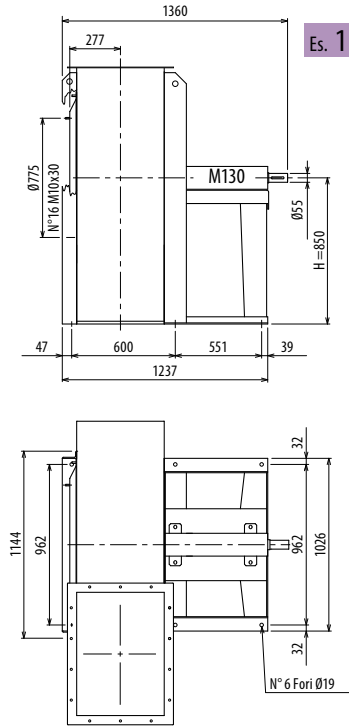
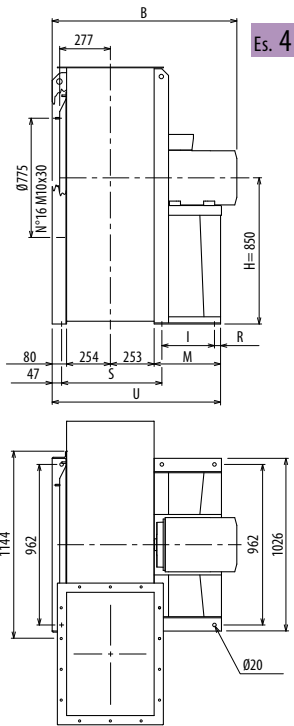
- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Further information and sizes: ■ Weitere Infos und Größen: ■ Más informaciones y medidas:

Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight Kg	PD ² Kg x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
GF/RU800/2R	280 M2	904	18	1353	591	755	560	950	39	546	690	1223
GF/RU800/2	315 S2	1046	20	1565	675	755	560	950	65	546	800	1333
GF/RU800/4R	160 M4	418	18	1011	315	755	560	950	60	546	436	968
GF/RU800/4	160 L4	432	20	1011	315	755	560	950	60	546	436	968
GF/RU800/6	132 M6	390	19	906	201	755	560	950	75	546	336	869
GF/RU800/T		400	20			755	560	950				



■ DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

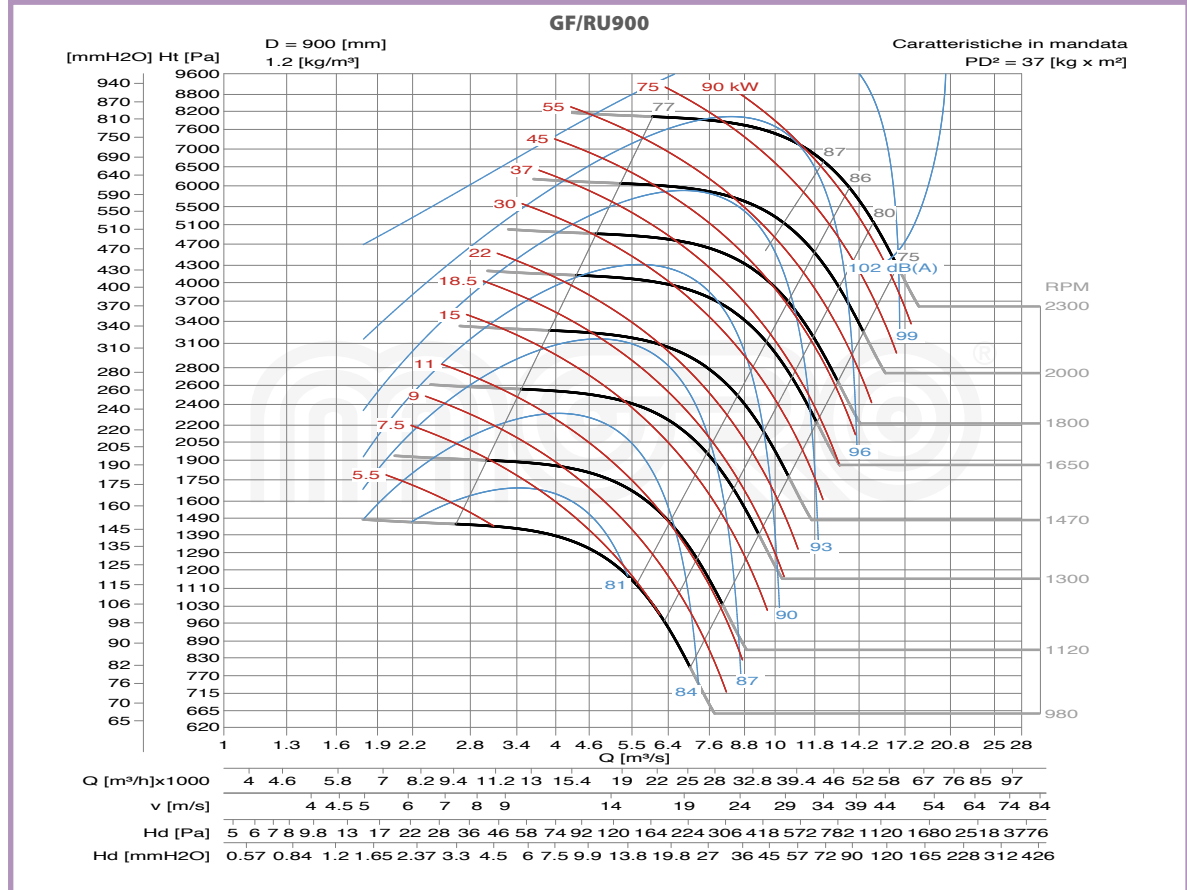
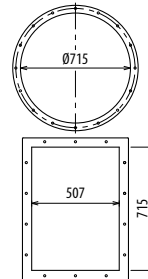
- Le ventilateur n'est pas orientable
 - The fan is not revolvable
 - Der Ventilator ist nicht drehbar
 - El ventilador no es orientable
 - Further information and sizes:
 - Weitere Infos und Größen:
 - Más informaciones y medidas:
- Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Das Gewicht im Tafel schließt den Motor ein El peso en la tabla incluye el motor

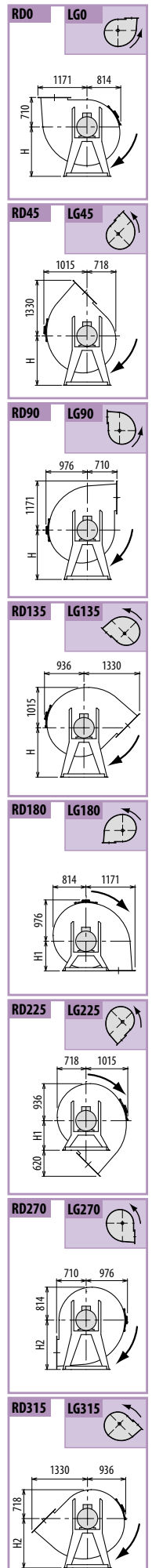
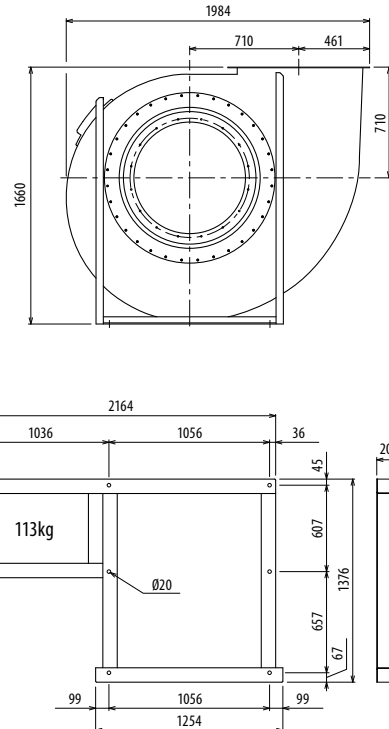
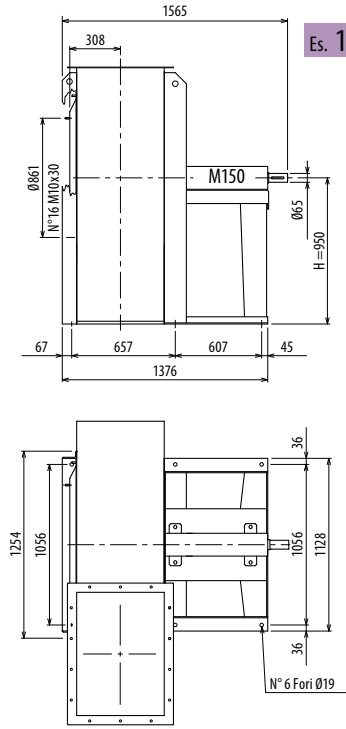
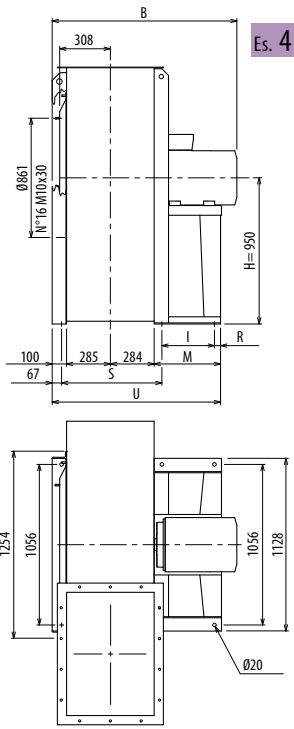
Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²											
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U		
GF/RU900/4R	180 M4	590	34	1146	361	850	630	1060	39	600	460	1047		
GF/RU900/4	200 L4	687	37	1254	401	850	630	1060	39	600	500	1087		
GF/RU900/6	160 M6	504	36	1065	316	850	630	1060	60	600	436	1023		
GF/RU900/T		485	37			850	630	1060						

pg./s. 3.6

pg./s. 3.5



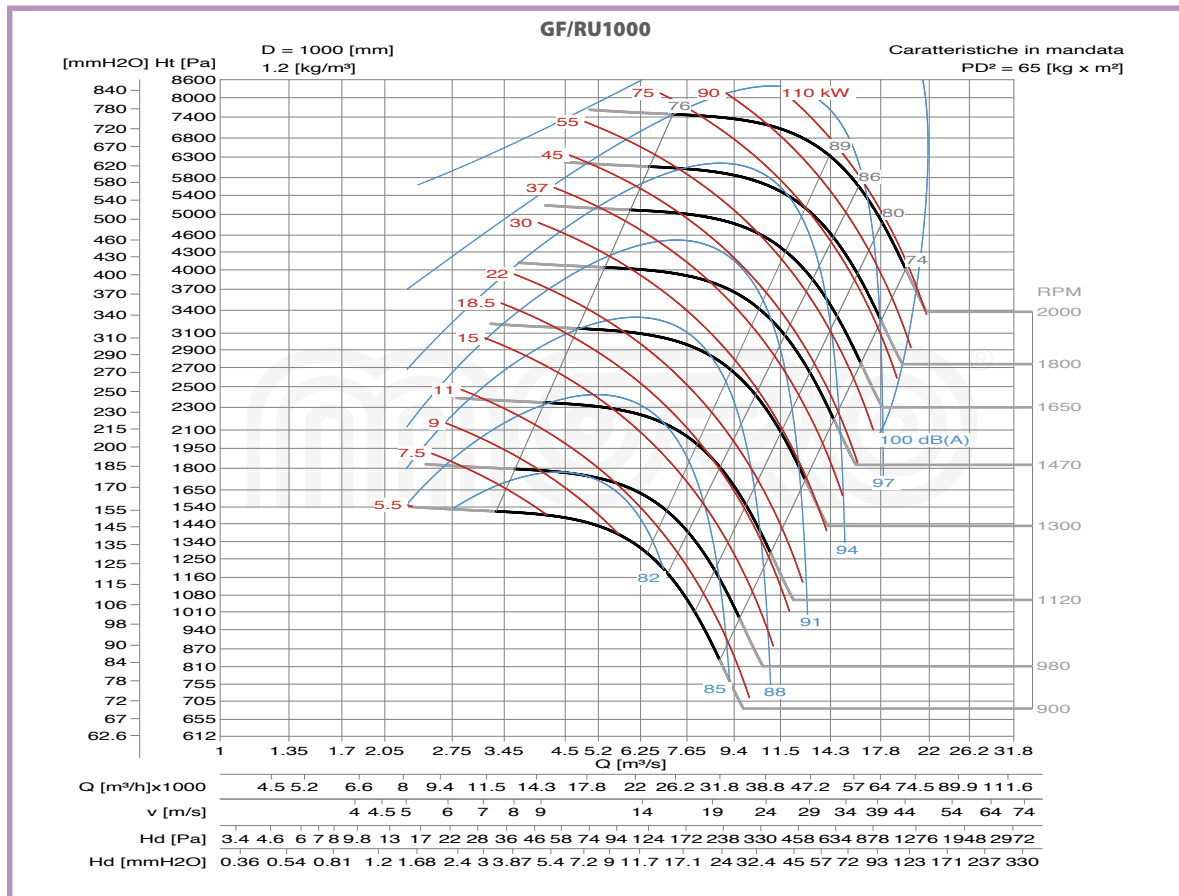
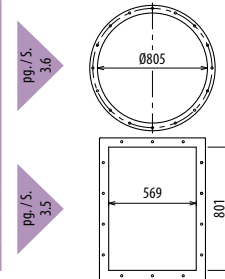


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

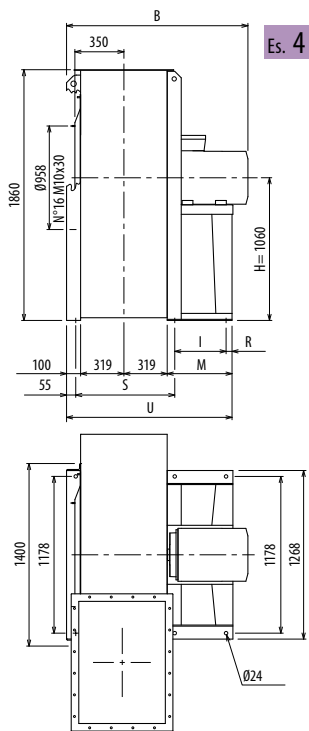
- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Further information and sizes: ■ Weitere Infos und Größen: ■ Más informaciones y medidas:

Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

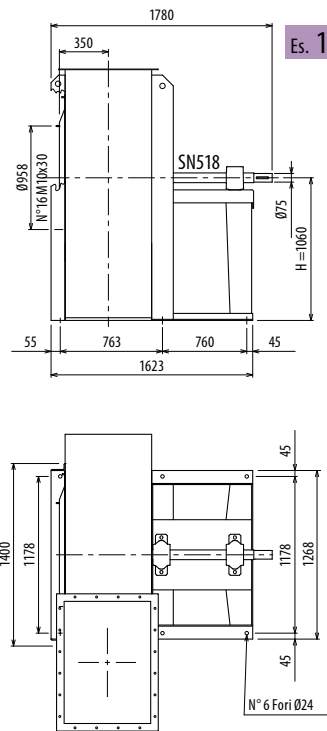
TIPO • Type		PESO Weight	PD ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor	Kg	Kg x m ²									
GF/RU1000/4R	225 S4	933	60	1318	440	950	710	1180	45	657	540	1209
GF/RU1000/4	225 M4	975	65	1378	440	950	710	1180	45	657	540	1209
GF/RU1000/6R	160 L6	684	58	1147	315	950	710	1180	66	657	436	1105
GF/RU1000/6	180 L6	759	62	1279	360	950	710	1180	45	657	460	1129
GF/RU1000/T		710	65			950	710	1180				



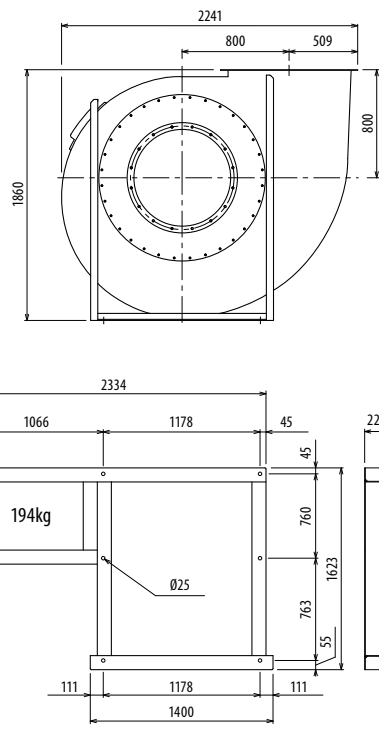
■ DIMENSIONS D'ENCOMBRE ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1



Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

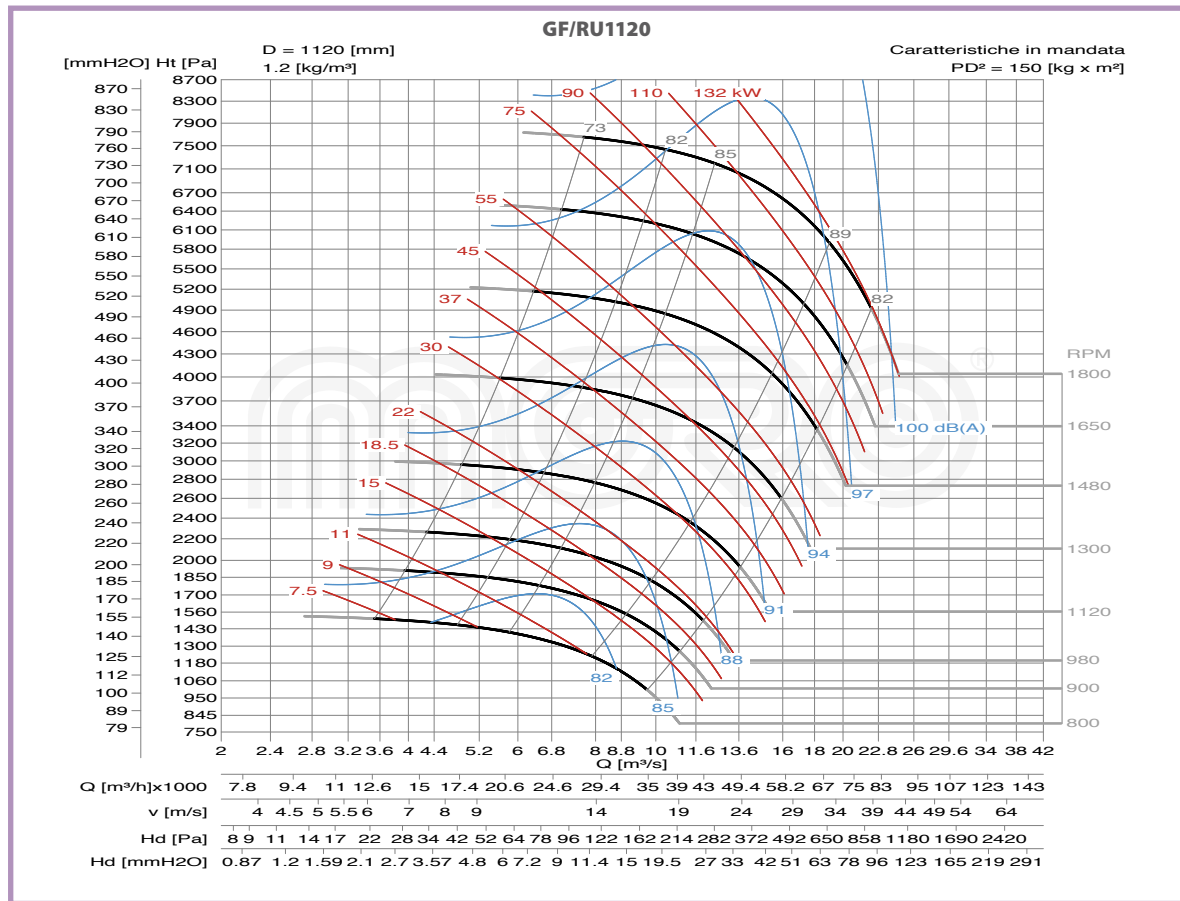
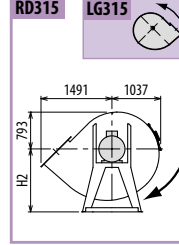
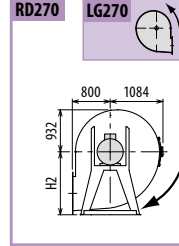
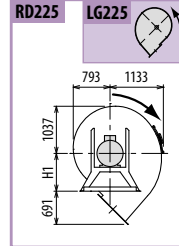
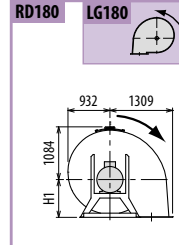
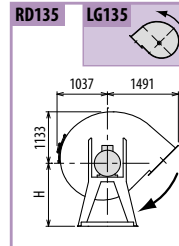
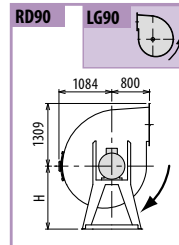
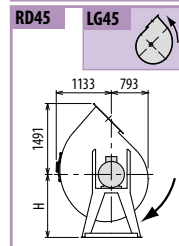
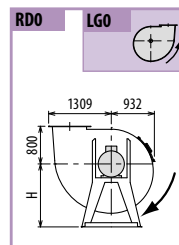
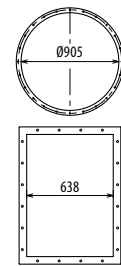
- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Further information and sizes: ■ Weitere Infos und Größen: ■ Más informaciones y medidas:

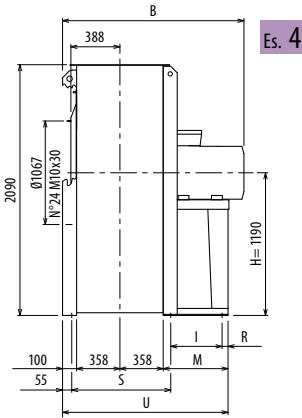
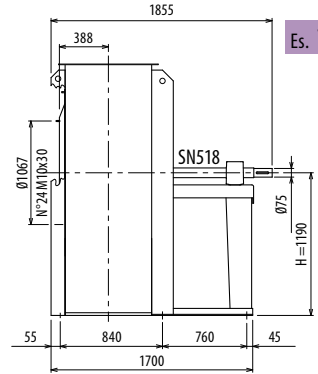
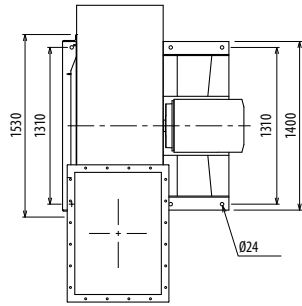
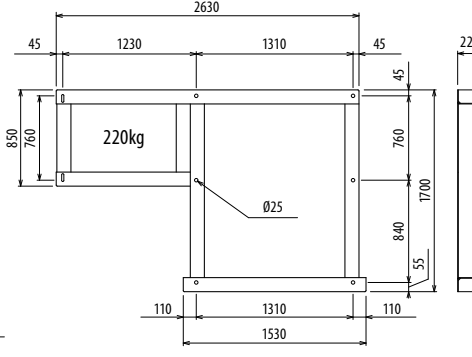
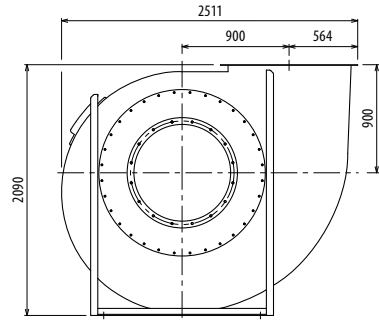
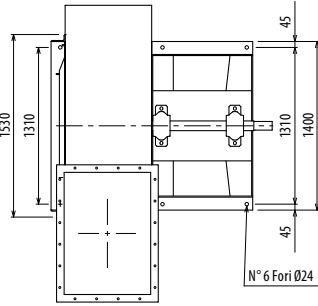
Ulteriori informazioni e quote:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type	PESO Weight	PD ²												
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U		
GF/RU1120/4R	250 M4	1210	140	1555	475	1060	800	1320	45	763	600	1338		
GF/RU1120/4	280 S4	1390	150	1558	565	1060	800	1320	45	763	690	1428		
GF/RU1120/6R	200A L6	935	135	1405	375	1060	800	1320	45	763	500	1238		
GF/RU1120/6	200B L6	956	145	1405	375	1060	800	1320	45	763	500	1238		
GF/RU1120/T		1000	150			1060	800	1320						

pg./s. 3.6

pg./s. 3.5




Es. 4

Es. 1


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

 ■ Le ventilateur n'est pas orientable
 Le poids dans le tableau inclut le moteur

 ■ The fan is not revolvable
 The weight indicated in the table includes motor

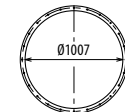
 ■ Der Ventilator ist nicht drehbar
 Das Gewicht im Tafel schließt den Motor ein

 ■ El ventilador no es orientable
 El peso en la tabla incluye el motor

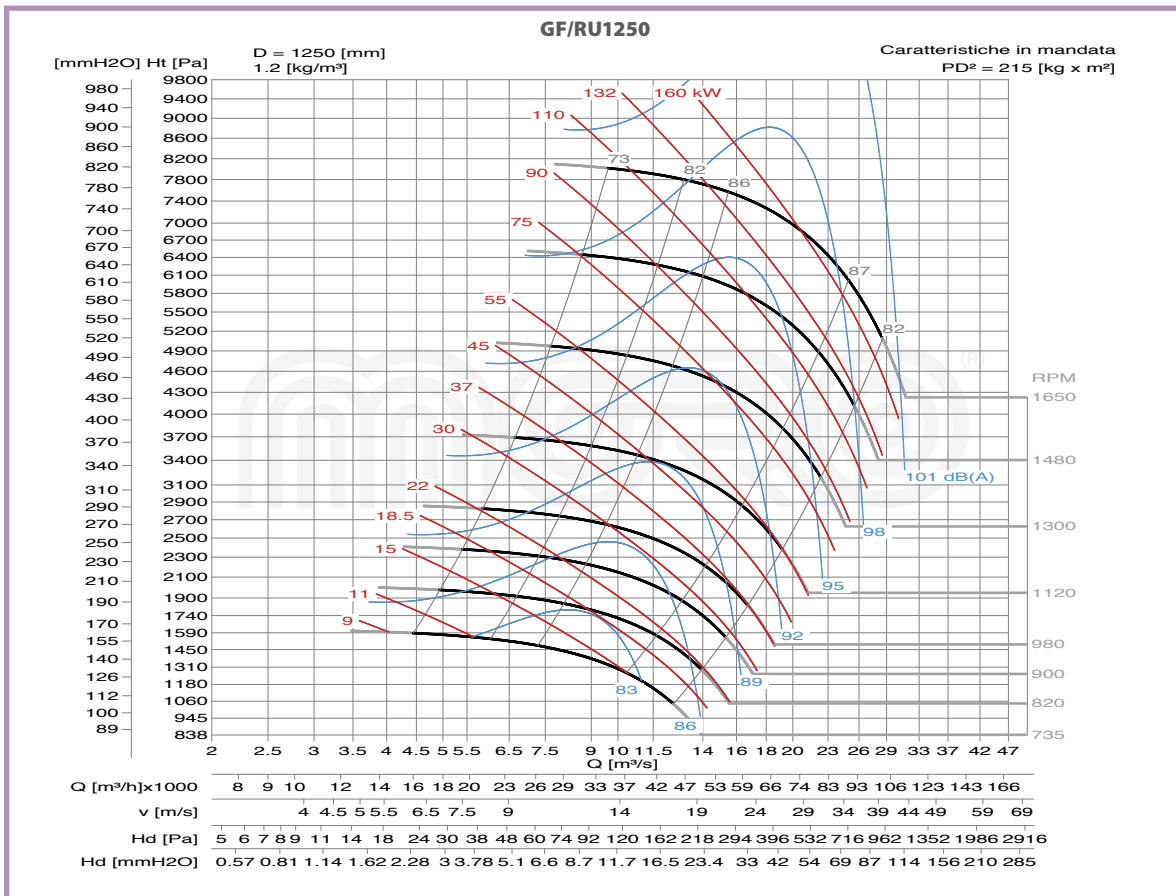
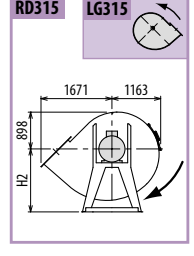
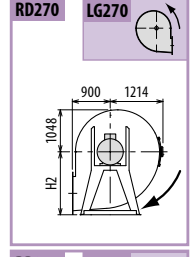
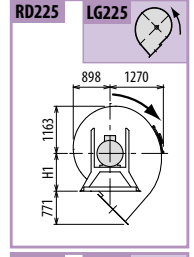
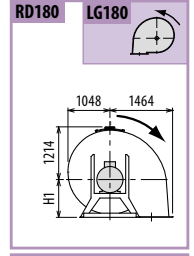
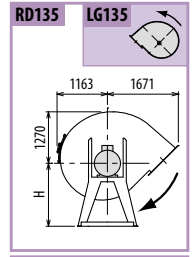
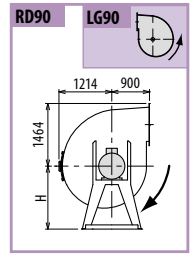
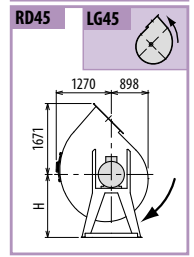
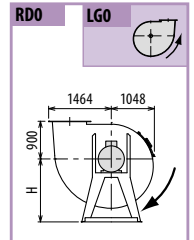
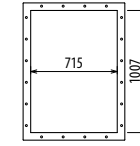
 Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight Kg	PD ² Kg f x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
GF/RU1250/4R	315 S4	1860	210	1847	675	1190	900	1500	45	840	800	1615
GF/RU1250/4	315 M4	2055	215	1847	675	1190	900	1500	45	840	800	1615
GF/RU1250/6R	225 M6	1283	205	1524	415	1190	900	1500	45	840	540	1355
GF/RU1250/6	250 M6	1378	210	1632	475	1190	900	1500	45	840	600	1415
GF/RU1250/T		1145	214			1190	900	1500				

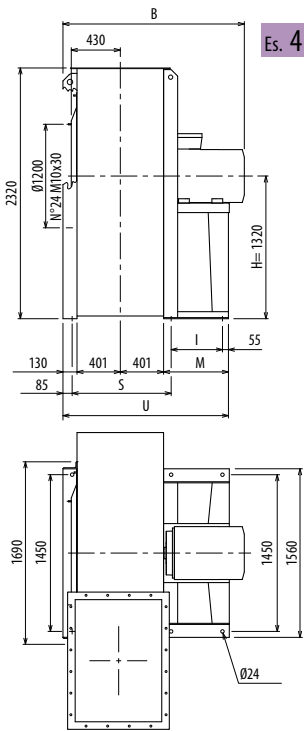
pg./s. 3.6



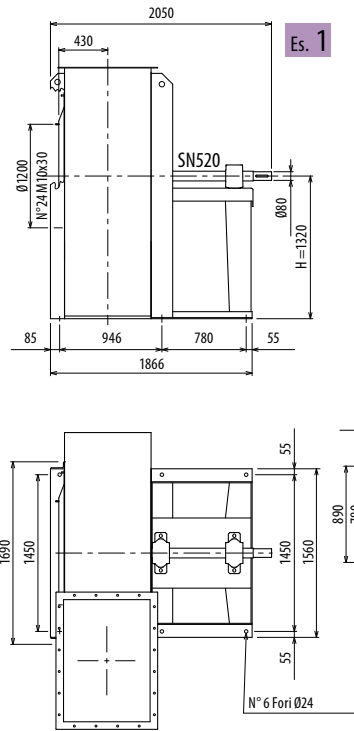
pg./s. 3.5



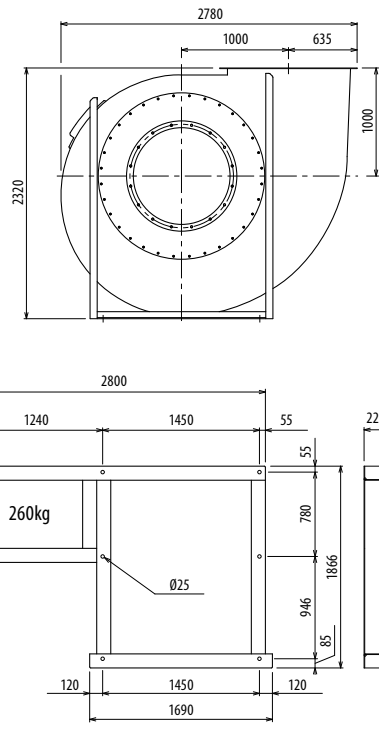
■ DIMENSIONS D'ENCOMBRE ET POIDS/COURBES DE FONCTIONNEMENT ■ OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
 ■ AUSMAß UND GEWICHTE/FUNKTIONSKURVEN ■ DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO



Es. 4



Es. 1

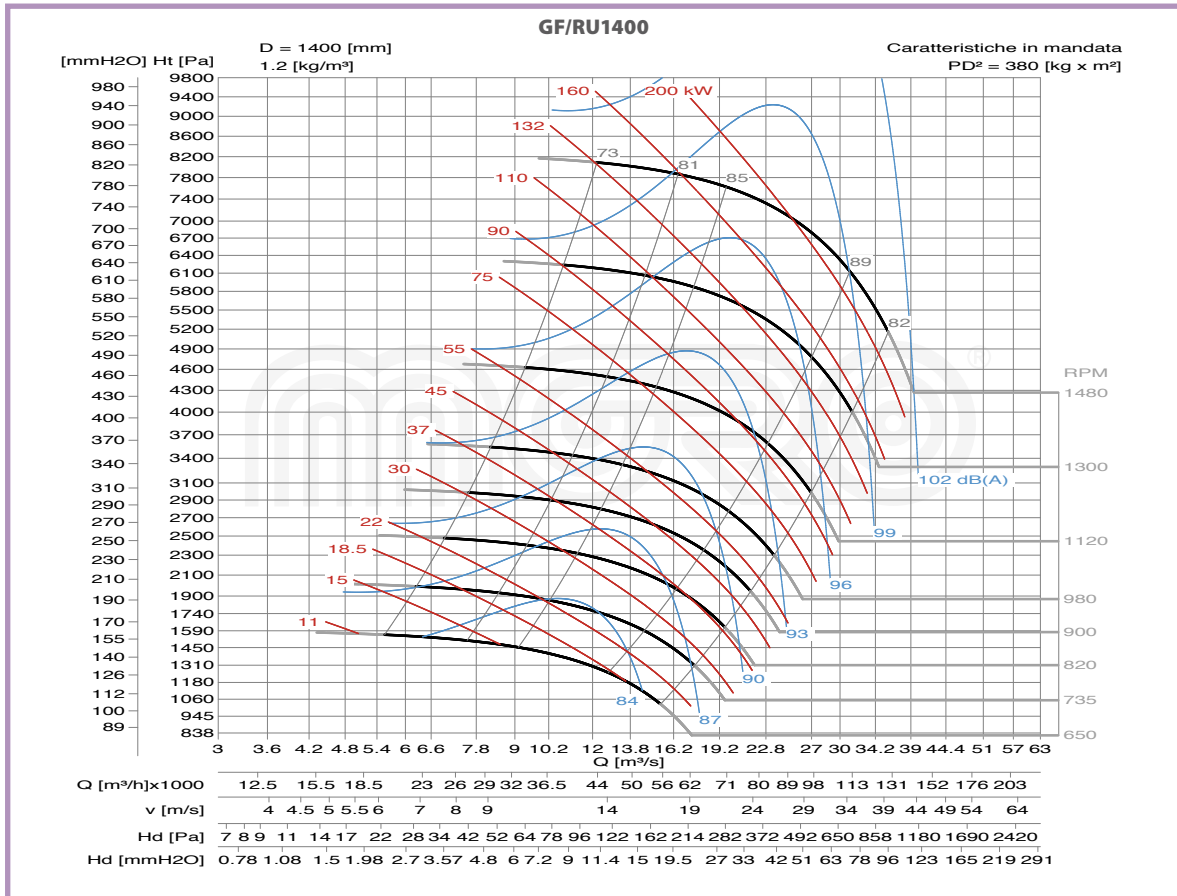
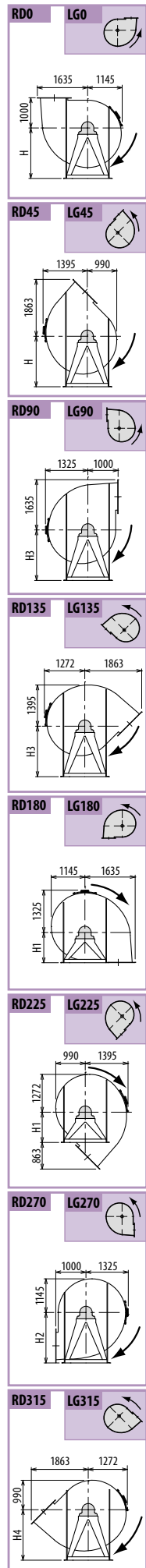
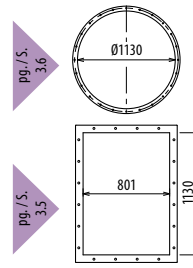


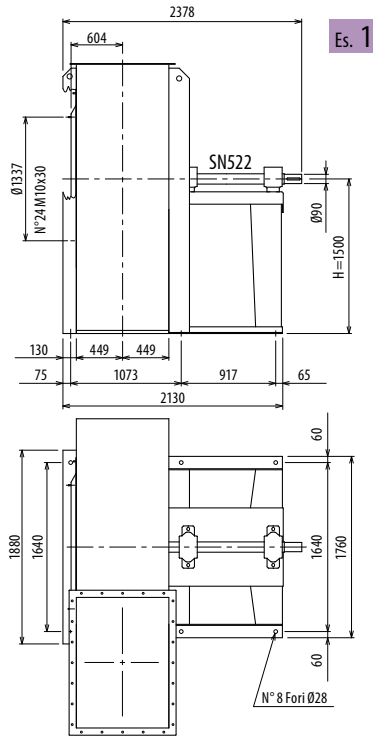
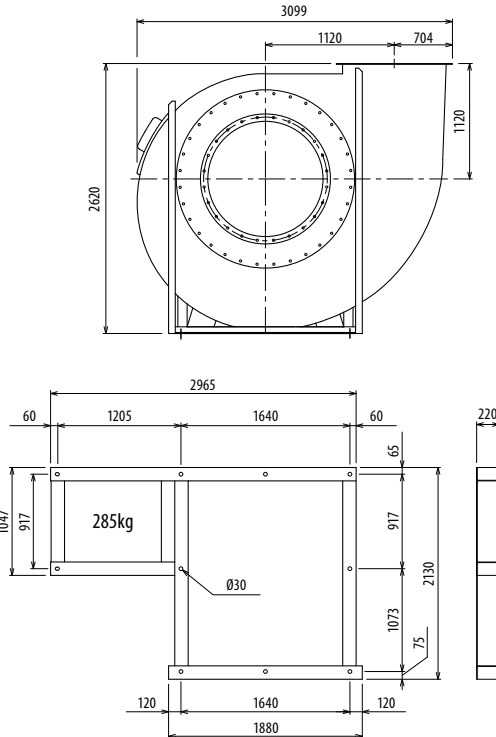
Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable
- Le poids dans le tableau inclut le moteur
- The weight indicated in the table includes motor
- Das Gewicht im Tafel schließt den Motor ein
- El peso en la tabla incluye el motor

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²												
VENTILATORE Fan	MOTORE Motor	Kg	Kg x m ²	B	I	H	H1	H2	H3	H4	M	S	U		
GF/RU1400/4R	315 LB4	2766	280	1963	645	1320	1000	1700	1320	1700	800	946	1731		
GF/RU1400/4	315 4	2766	380	1963	645	1320	1000	1700	1320	1700	800	946	1731		
GF/RU1400/6R	280 56	2150	280	1751	535	1320	1000	1700	1320	1700	690	946	1621		
GF/RU1400/6	315 56	2356	380	1963	645	1320	1000	1700	1320	1700	800	946	1731		
GF/RU1400/T		1740	380			1320	1000	1700	1120	1500					



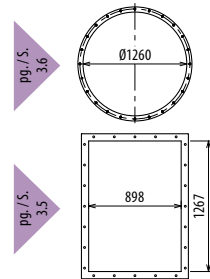

Es. 1


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable

 Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO • Type		PESO Weight Kg	PD ² Kgf x m ²	B	I	H	H1	H2	H3	H4	M
VENTILATORE Fan	MOTORE Motor										
GF/RU1600/T		2462	680			1500	1120	1900	1250	1600	



RD0 LG0

RD45 LG45

RD90 LG90

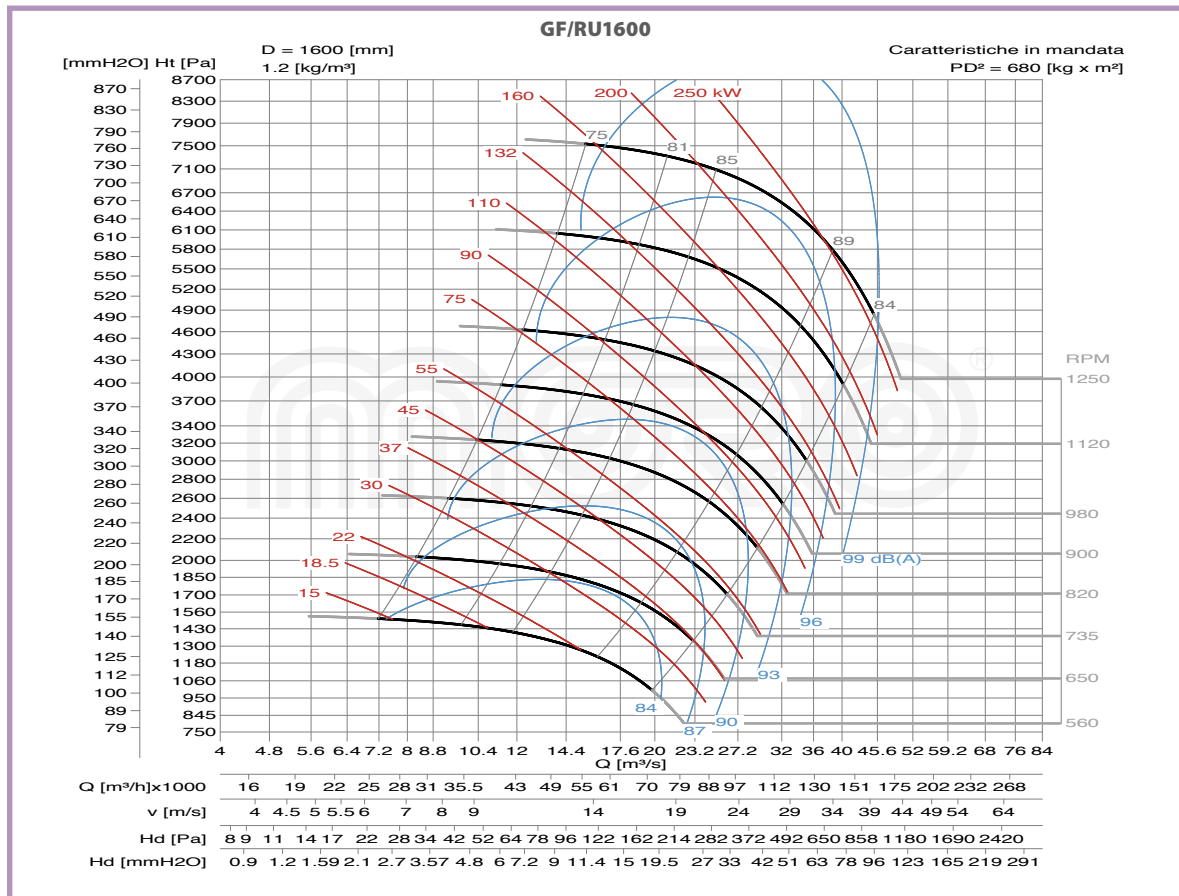
RD135 LG135

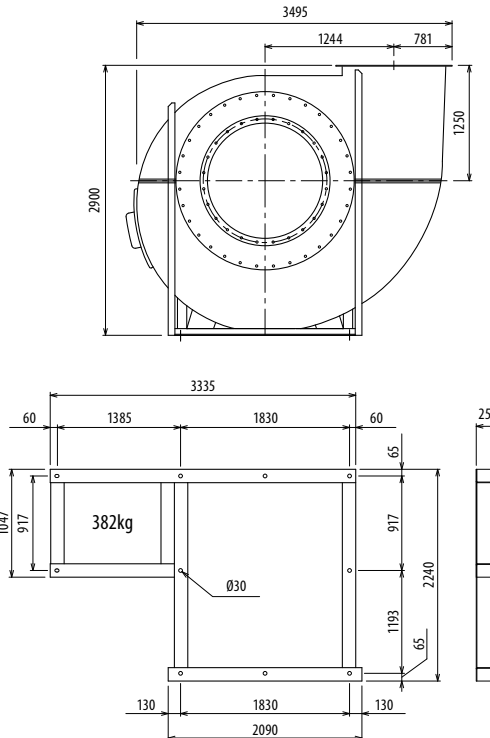
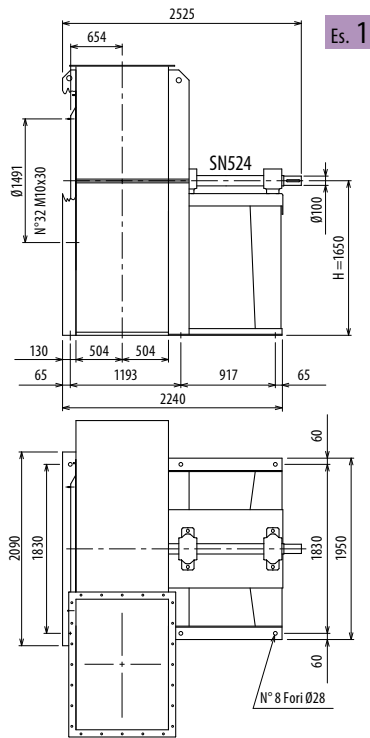
RD180 LG180

RD225 LG225

RD270 LG270

RD315 LG315





Il ventilatore non è orientabile

■ Le ventilateur n'est pas orientable

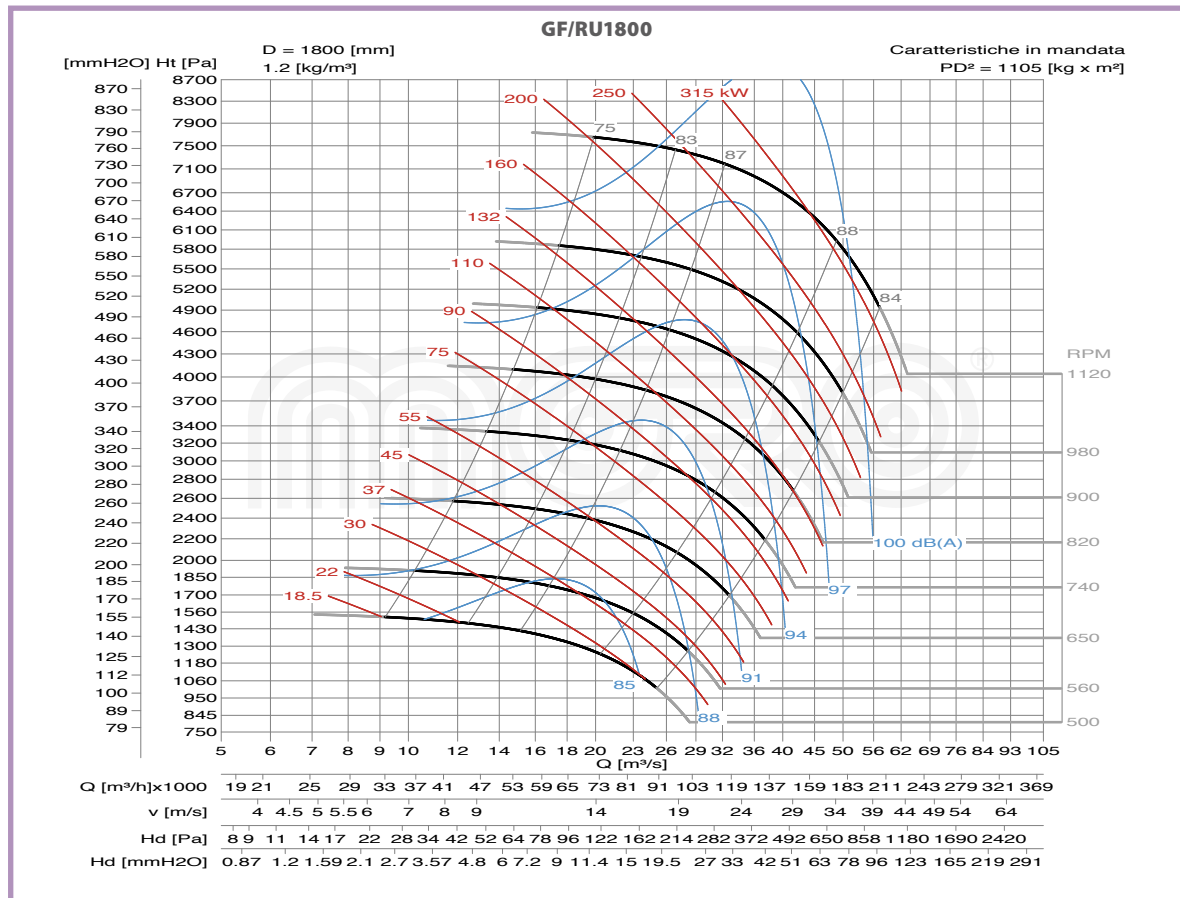
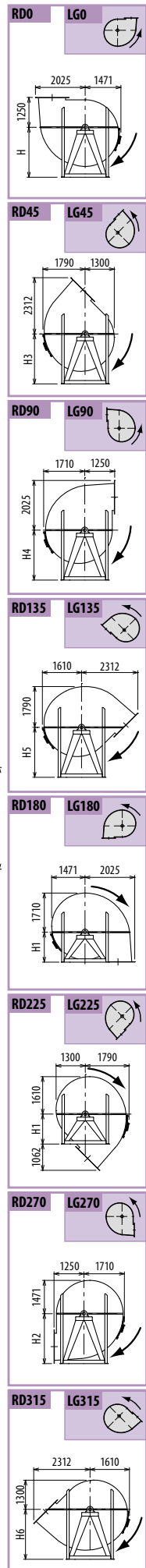
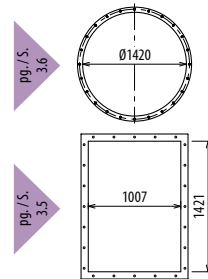
■ The fan is not revolvable

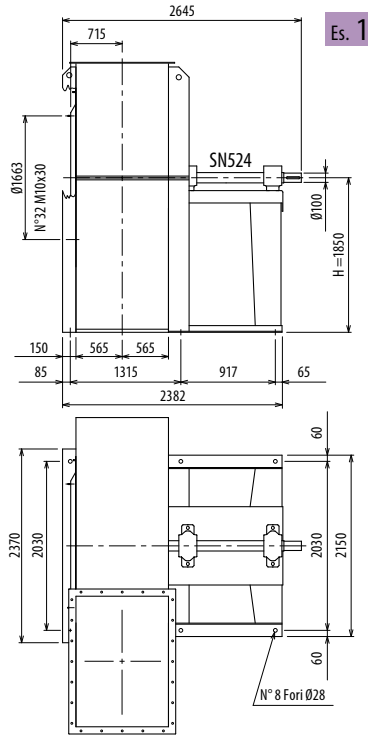
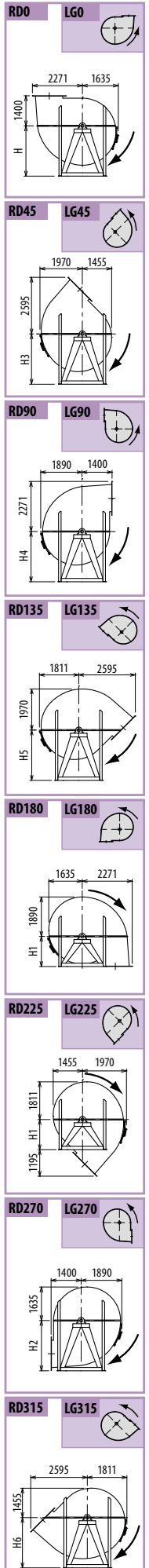
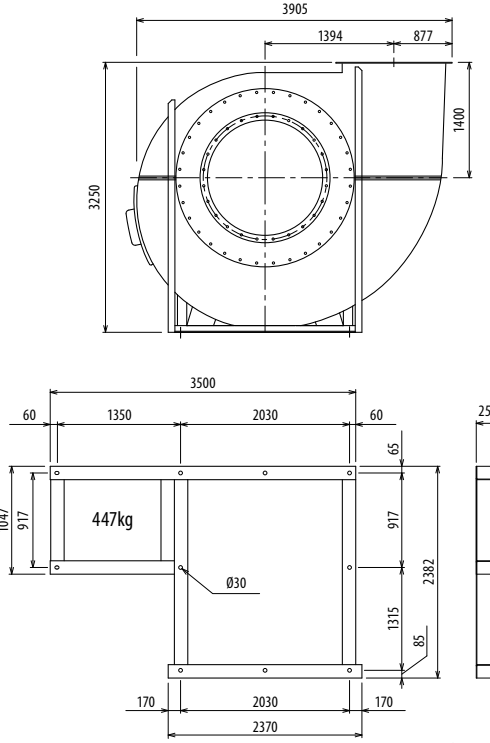
■ Der Ventilator ist nicht drehbar

■ El ventilador no es orientable

Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²									
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	H5	H6
GF/RU1800/T		2790	1105			1650	1250	2120	1570	1400	1320	1800




Es. 1


Il ventilatore non è orientabile

- Le ventilateur n'est pas orientable
- The fan is not revolvable
- Der Ventilator ist nicht drehbar
- El ventilador no es orientable

 Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²									
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	H3	H4	H5	H6
GF/RU2000/T		4300	1136			1850	1400	2360	1750	1600	1450	2000

