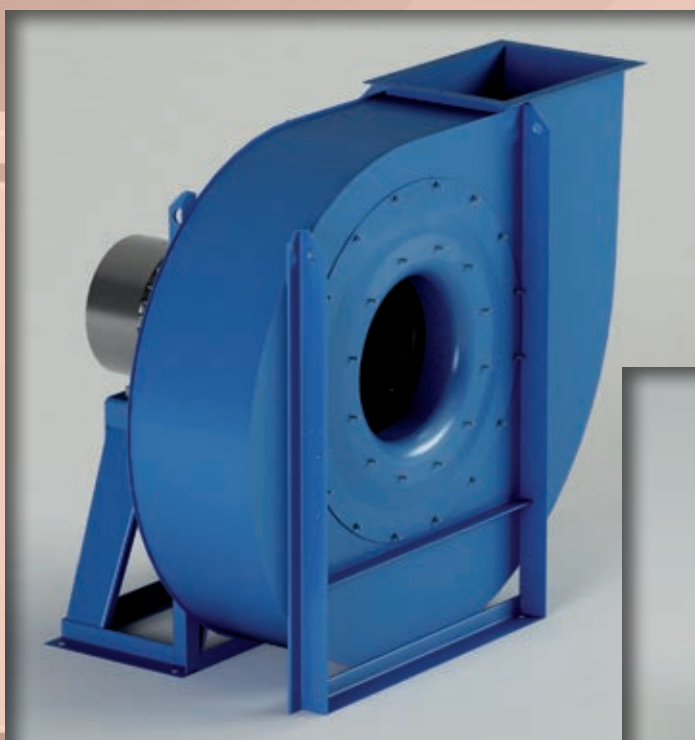


Mod.
ZC

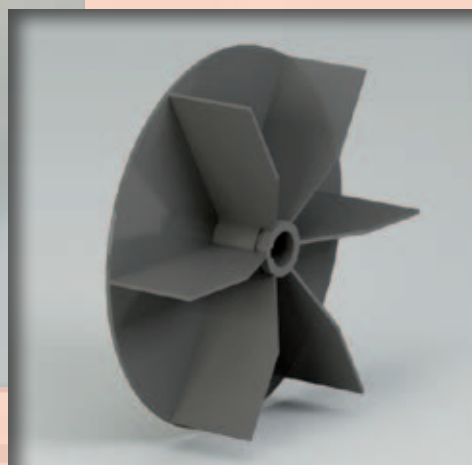


$Q = 1500 \div 50000 \text{ m}^3/\text{h}$

$Q = 0.4 \div 14 \text{ m}^3/\text{s}$

$p_t = 100 \div 450 \text{ mmH}_2\text{O}$

$p_t = 1000 \div 4500 \text{ Pa}$



Campo di lavoro

Portate medio-basse. Pressioni medio-alte.

Tipo di pala

Pale radiali dritte, aperta pag. 2.3.

Applicazioni

Per trasporto pneumatico, di materiali solidi in miscela con aria, segatura e trucioli di legno; anche per materiali filamentosi che ostruirebbero una ventola chiusa a pale rovesce.

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, con supporto anteriore e quindi non orientabile dalla grandezza 710 a trasmissione, sempre orientabile nei ventilatori direttamente accoppiati senza supporto anteriore. Vedi pag. 2.7.

Costruzioni speciali

Vedi da pag. 2.22 a pag. 2.36.

Avviamento ventilatore

L'avviamento deve avvenire con ventilatore parzializzato, in funzione dell'assorbimento massimo del ventilatore. Verificare con i dati del costruttore del motore elettrico l'effettivo numero di avviamenti/ora che è in grado di sopportare il motore; salvo diverse indicazioni considerare un massimo di un avviamento/ora. In caso sia prevista la necessità di avviare il ventilatore più frequentemente è possibile avviare installando un motore di taglia superiore. In avviamento la corrente di spunto può arrivare fino a 7 volte la corrente nominale, dimensionare in maniera opportuna la componentistica elettrica.

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 MZ Aspiratori 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
ZC400	4050	
ZC450	3600	4320
ZC500	3200	3840
ZC560	3000	3600
ZC630	2550	3060
ZC710	2270	2720
ZC800	2040	2450
ZC900	1820	2180
ZC1000	1630	1950
ZC1120	1480	1770
ZC1250	1300	1560

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 moyens-faibles. Moyennes-hautes pressions.

Type d'ailette

Ailettes radiales droites, ouverte, voir page 2.3.

Applications

Pour transport pneumatique, de matières solides en mélange dans l'air, de sciure et de copeaux de bois, également pour des matières filamenteuses qui obstrueraient une hélice fermée à ailettes inversées.

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, avec un support avant et donc non orientable de la grandeur 710 à transmission, toujours orientable dans les ventilateurs directement accouplés sans support avant. Voir page 2.7.

Fabrications spéciales

Voir pages 2.22 - 2.36.

Mise en marche du ventilateur

Le démarrage doit se faire avec un ventilateur partialisé, en fonction de l'absorption maximale du ventilateur. Vérifier le nombre réel de mises en marche/heure avec les données du constructeur du moteur électrique, que le moteur est en mesure de supporter. Sauf indications contraires, considérer un maximum de mise en marche/heure. S'il est prévu que le ventilateur doit être mis en marche plus fréquemment, on peut remédier en installant un moteur de dimension supérieure. A la mise en marche, le courant de démarrage peut arriver à 7 fois le courant nominal, prévoir une installation électrique de dimension adaptée à cet effet.

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 MZ Aspiratori pour connaître le type de turbine le plus adapté.

■ Field of operation

Medium-low flow rates. Medium-high pressures.

Blade type

Straight radial blades, open, see pg. 2.3.

Applications

For pneumatic transport of solid materials mixed with air, sawdust and wood chips; also suitable for filaments which would block a reversed blade closed fan.

Standard construction 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, with front support and so not orientable for sizes 710 and above with transmission drive, always orientable for directly coupled fans without front support. See pg. 2.7.

Special applications

See pgs. 2.22 to 2.36.

Fan start-up

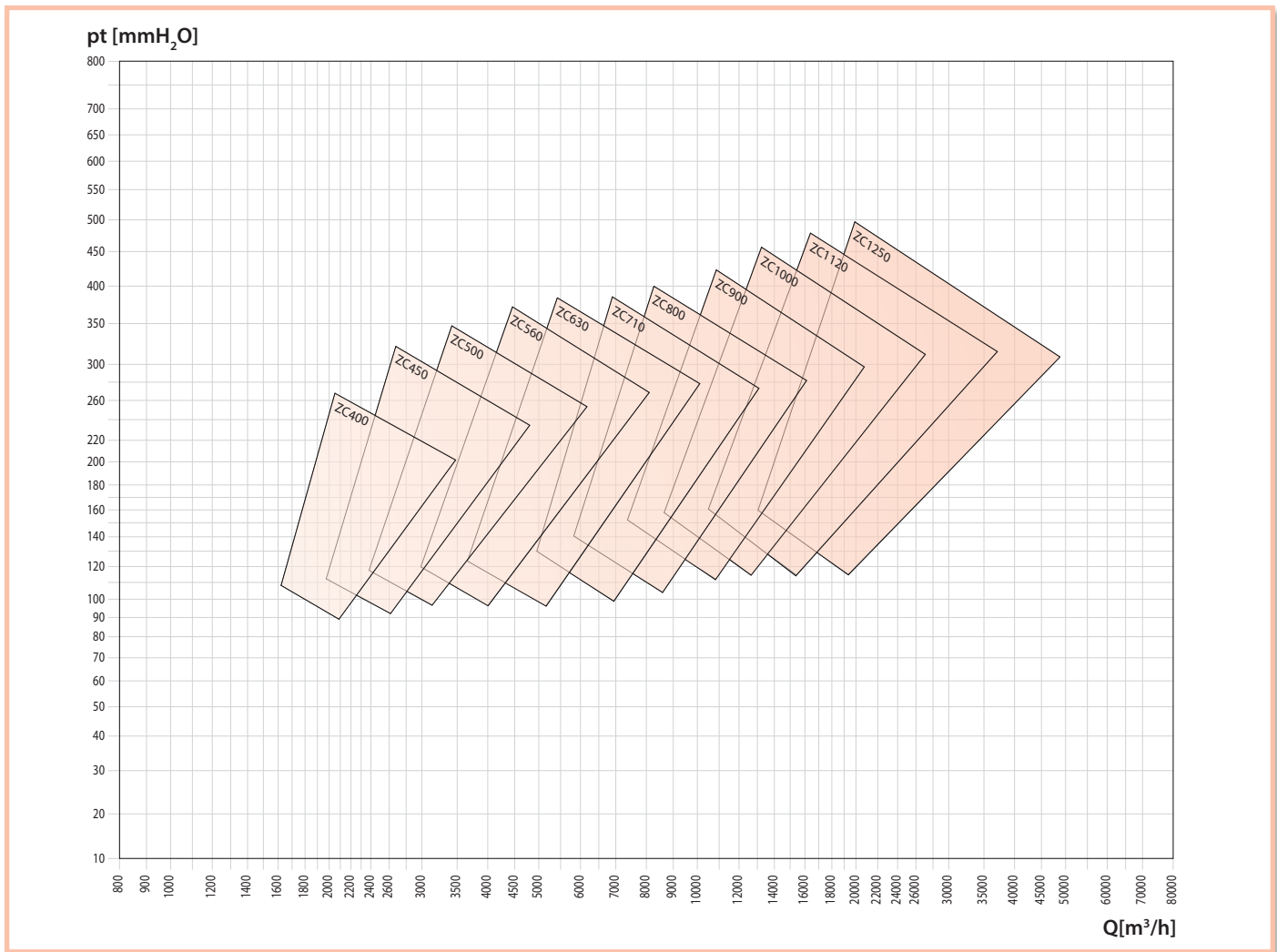
During start-up the fan flow rate must be limited, calibrated for the fan's maximum electrical input. Check the electrical motor manufacturer's data for the effective number of start-ups per hour that the motor is able to sustain; unless otherwise indicated take one start-up per hour to be the maximum.

If it is necessary to start up the fan more frequently and this can be achieved by installing a larger motor.

During start-up the peak current can reach as much as 7 times the nominal current and the electrical components should be scaled appropriately.

Impeller classes

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



ZC

Arbeitsbereich

Mittlere - niedrige Fördermengen. Mittlere - hohe Drücke.

Schaufelform

Gerade Radialschaufeln, offen, siehe Seite 2.3.

Anwendungen

Zum Transport von in Luft vermischten Feststoffen, Sägestaub und Holzspäne, auch für fadenförmige Materialien, die einen geschlossenen Ventilator mit rückwärts gekrümmten Schaufeln zusetzen würden.

Konstruktive Standardausführungen

Ausf. 1-Ausf. 4-Ausf. 5-Ausf. 8-Ausf. L, 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 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 2.22 bis 2.36.

Ventilator-Anlauf

Der Ventilatoranlauf muss bei teilweise geschlossenem Ventilator erfolgen, in Abhängigkeit von der maximalen Stromaufnahme des Motors. Mit den Angaben des Herstellers des Elektromotors die Anzahl der zulässigen Anläufe pro Stunde überprüfen; falls nicht anders angegeben, ist von einem Anlauf pro Stunde auszugehen. Falls häufigere Anläufe vorzusehen sind, kann ein stärkerer Elektromotor eingebaut werden. Während des Anlaufs kann der Anlaufstrom bis zum Siebenfachen des Nennstroms betragen, der elektrische Anschluss ist in geeigneter Weise auszulegen.

Laufradklassen

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

Campo de trabajo

Caudales medio-bajos. Presiones medio-altas.

Tipo de pala

Palas radiales rectas, abierta, ver pág. 2.3.

Aplicaciones

Para transporte neumático de materiales sólidos mezclados con aire, serrín y virutas de madera; también para materiales filamentosos que obstruirían un ventilador cerrado de palas invertidas.

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, con soporte delantero, por lo cual no es orientable a partir del tamaño 710 de transmisión, siempre orientable en ventiladores acoplados directamente sin soporte delantero. Ver pág. 2.7.

Construcciones especiales

Ver págs. de 2.22 a 2.36.

Puesta en marcha del ventilador

La puesta en marcha debe efectuarse con ventilador parcializado, en función de la absorción máxima del ventilador. Comprobar a partir de los datos del fabricante del motor eléctrico el número efectivo de encendidos/hora que el motor puede soportar. Considerar un máximo de un encendido/hora, de no indicarse lo contrario. En caso de que se plantee la necesidad de encender el ventilador con mayor frecuencia, la instalación de un motor de mayor tamaño puede evitar el problema. Durante el encendido, la corriente de arranque puede llegar a ser 7 veces la corriente nominal, por lo tanto, el tamaño y la capacidad de los componentes eléctricos deberán calcularse de acuerdo con ello.

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 MZ Aspiratori 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]											
					1800	2160	2520	2880	3240	3600	3960	4320	4680	5040	5400	
		pt[mmH ₂ O]														
ZC400/2R	112	4	2940	81	211	195	177	156	122	92						
ZC400/2	132	5,5	2940	85	276	274	269	253	230	212	192	155	143			
ZC450/2R	132	7,5	2940	87			318	316	305	285	269	250	224	219	185	
ZC450/2	160	11	2960	88				347	336	328	315	303	285	265	245	
ZC500/2R	160	11	2960	89						377	367	357	346	332	316	
ZC500/2R	160	15	2960	90						377	367	357	346	332	316	
ZC500/2	160	18,5	2960	92							438	431	426	400	395	
ZC560/2R	180	22	2960	94											500	
ZC560/2	200	30	2960	97												
ZC560/4	112	4	1440	77				129	125	120	115	111	103	90	88	
ZC630/4R	132	5,5	1460	82						145	143	140	137	136	131	
ZC630/4	132	7,5	1460	84								165	163	160	159	
ZC710/4R	160	11	1460	85										194	193	
ZC710/4	160	15	1480	86											220	
ZC800/4R	180	22	1480	91												
ZC800/4	200	30	1480	93												
ZC900/4R	225	37	1480	94												
ZC900/4	225	45	1480	95												
ZC1000/4R	225	45	1480	96												
ZC1000/4	250	55	1480	97												

CARATTERISTICHE IN ASPIRAZIONE

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]											
					1800	2160	2520	2880	3240	3600	3960	4320	4680	5040	5400	
		pt[mmH ₂ O]														
ZC400/2R	112	4	2940	81	206	191	173	152	118	88						
ZC400/2	132	5,5	2940	85	268	266	261	246	223	205	185	149	136			
ZC450/2R	132	7,5	2940	87			308	306	295	276	260	242	216	211	177	
ZC450/2	160	11	2960	88				335	324	316	304	292	275	255	235	
ZC500/2R	160	11	2960	89						363	353	344	333	319	304	
ZC500/2R	160	15	2960	90						363	353	344	333	319	304	
ZC500/2	160	18,5	2960	92							419	412	408	383	378	
ZC560/2R	180	22	2960	94											476	
ZC560/2	200	30	2960	97												
ZC560/4	112	4	1440	77				127	123	118	112	108	100	87	85	
ZC630/4R	132	5,5	1460	82						142	140	137	134	133	128	
ZC630/4	132	7,5	1460	84								161	159	156	155	
ZC710/4R	160	11	1460	85										190	188	
ZC710/4	160	15	1480	86											214	
ZC800/4R	180	22	1480	91												
ZC800/4	200	30	1480	93												
ZC900/4R	225	37	1480	94												
ZC900/4	225	45	1480	95												
ZC1000/4R	225	45	1480	96												
ZC1000/4	250	55	1480	97												

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

CARATTERISTICHE IN MANDATA

■ CARACTERISTIQUES EN SOUFFLAGE ■ DELIVERY CHARACTERISTICS ■ LEISTUNGSMERKMALE ■ CARACTERÍSTICAS EN EMPUJE



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]																
5760	6480	7200	7920	8640	9360	10080	10800	12600	14400	16200	18000	19800	25200	28800	32400	36000
pt[mmH ₂ O]																
224																
306	265															
306	265	214	170													
377	357	320	310	245	204											
490	460	455	430	400	372	348	300									
540	525	510	490	467	448	418	388	306								
82	62															
122	116	102	97	84	67											
158	153	145	137	130	120	93	89									
190	186	178	174	168	163	153	143	115								
219	215	210	207	204	199	190	184	168	138	102						
			255	251	249	245	240	224	210	194	163	142				
				276	273	270	265	260	245	224	212	185				
							326	316	310	298	290	275	226	176		
								347	341	330	320	316	270	230	175	
									400	392	385	376	346	321	288	249
											428	418	393	375	350	316

CARATTERISTICHE IN ASPIRAZIONE

■ CARACTERISTIQUES EN FAIT D'ASPIRATION ■ SUCTION CHARACTERISTICS ■ ANSAUGEIGENSCHAFTEN ■ CARACTERÍSTICAS EN ASPIRACION

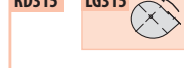
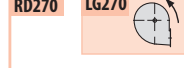
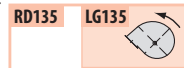
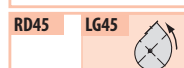
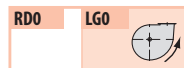
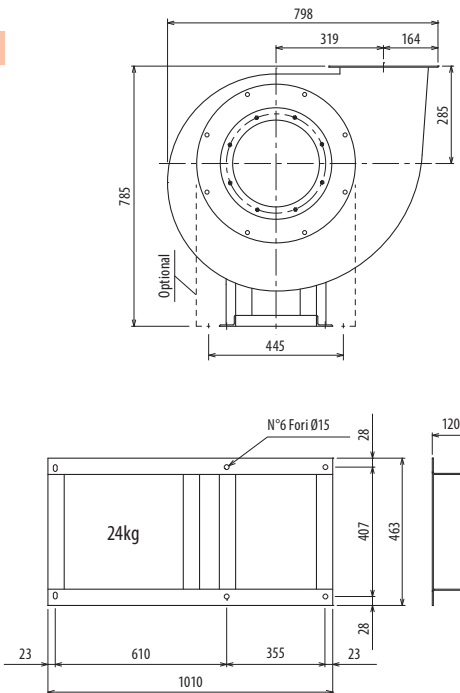
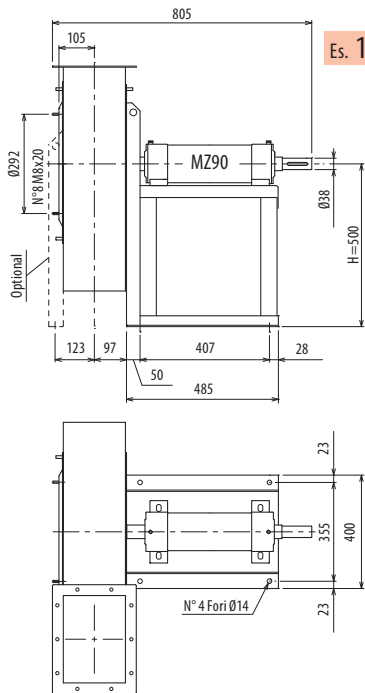
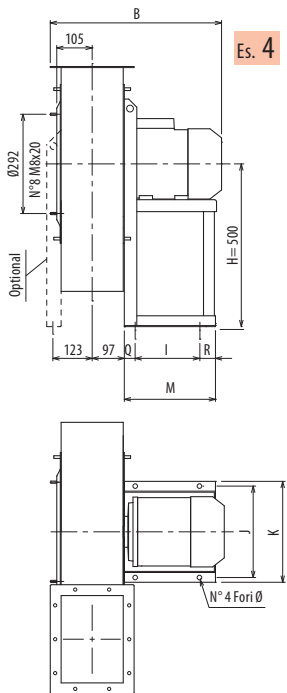
Tolleranza sulla rumorosità ±4dB(A)																
• Tolérance sur le bruit ±4dB(A) • Noise tolerance ±4dB(A)																
• Geräushtoleranz ±4dB(A) • Tolerancia respecto a ruido ±4dB(A)																
Q [m³/h]																
5760	6480	7200	7920	8640	9360	10080	10800	12600	14400	16200	18000	19800	25200	28800	32400	36000
pt[mmH ₂ O]																
214																
294	254															
294	254	204	160													
361	341	306	295	231	190											
466	438	433	409	381	354	330	283									
512	498	484	465	443	425	396	367	286								
78	58															
119	112	98	92	79	61											
154	148	140	132	124	114	86	81									
185	181	173	169	163	157	147	137	107								
213	209	204	201	197	192	183	176	159	128	90						
			248	244	242	238	233	216	202	185	154	132				
				268	265	261	256	251	236	215	202	174				
							315	305	299	287	279	264	214	163		
								334	328	317	307	303	257	216	159	
									384	376	369	361	331	306	273	234
											409	400	375	357	332	298

■ 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.

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

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

■ 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.

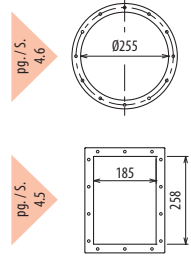


Il ventilatore è orientabile • Peso in tabella comprensivo di motore

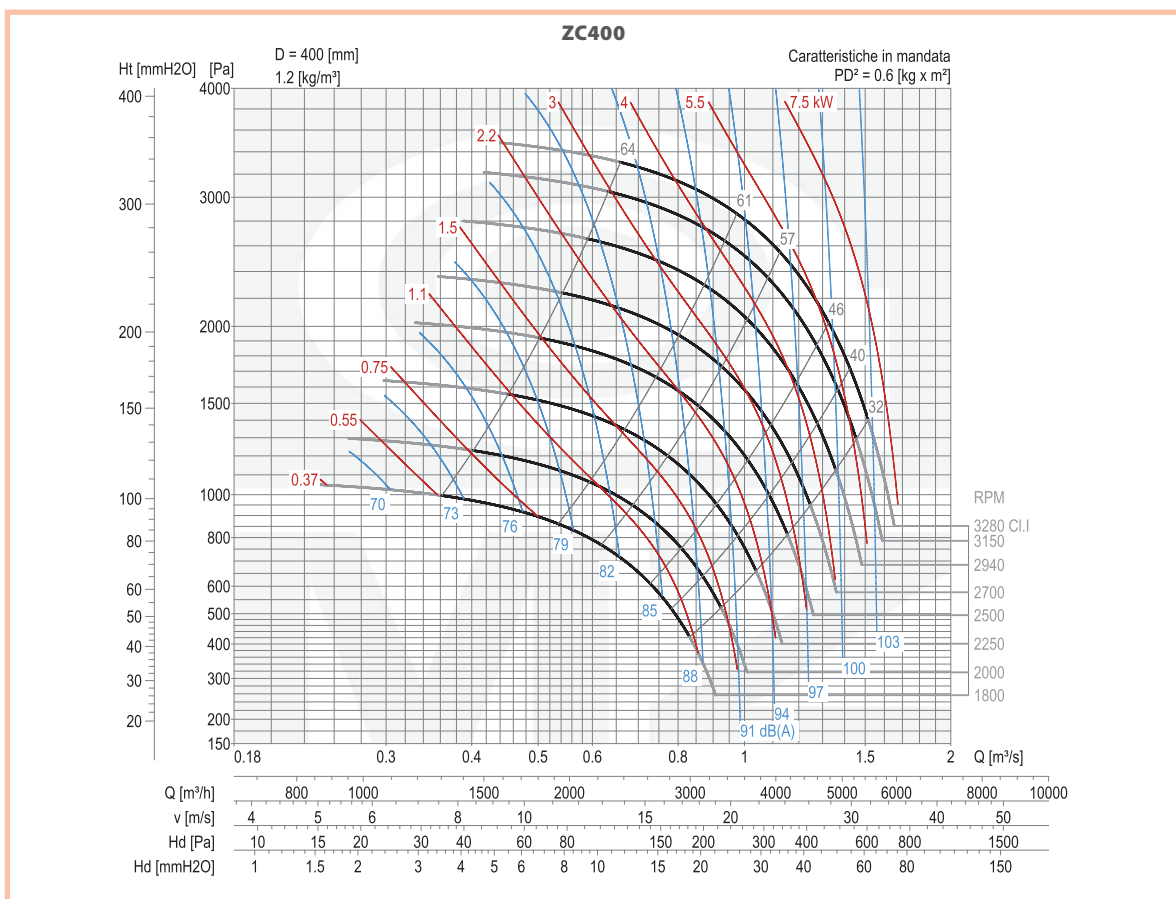
- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable

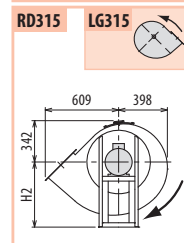
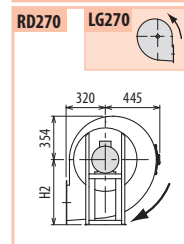
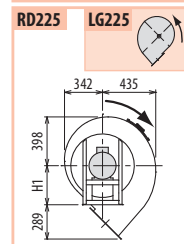
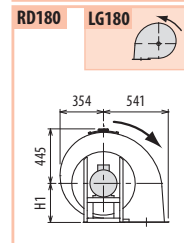
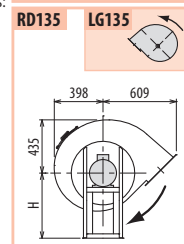
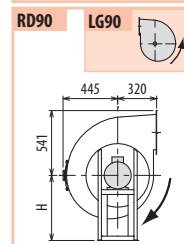
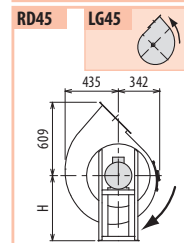
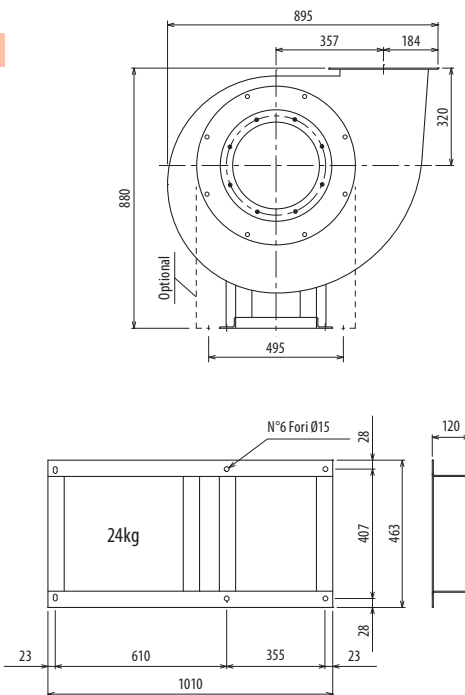
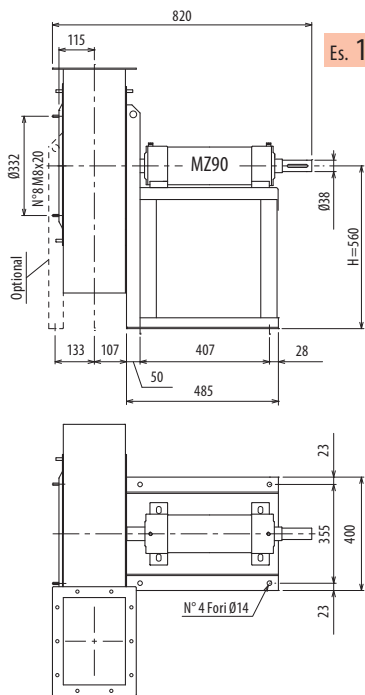
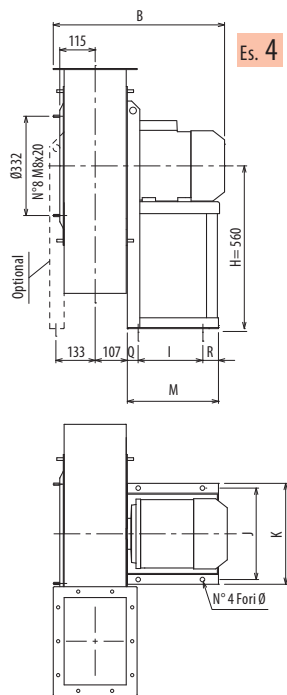
Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
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 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kg x m ²											
ZC400/2R	112 M2	80	0,39	557	197	500	285	500	289	324	285	34	54	12
ZC400/2	132 SA2	92	0,6	597	237	500	285	500	337	372	345	44	64	12
ZC400/T		85	0,60			500	285	500						



ZC



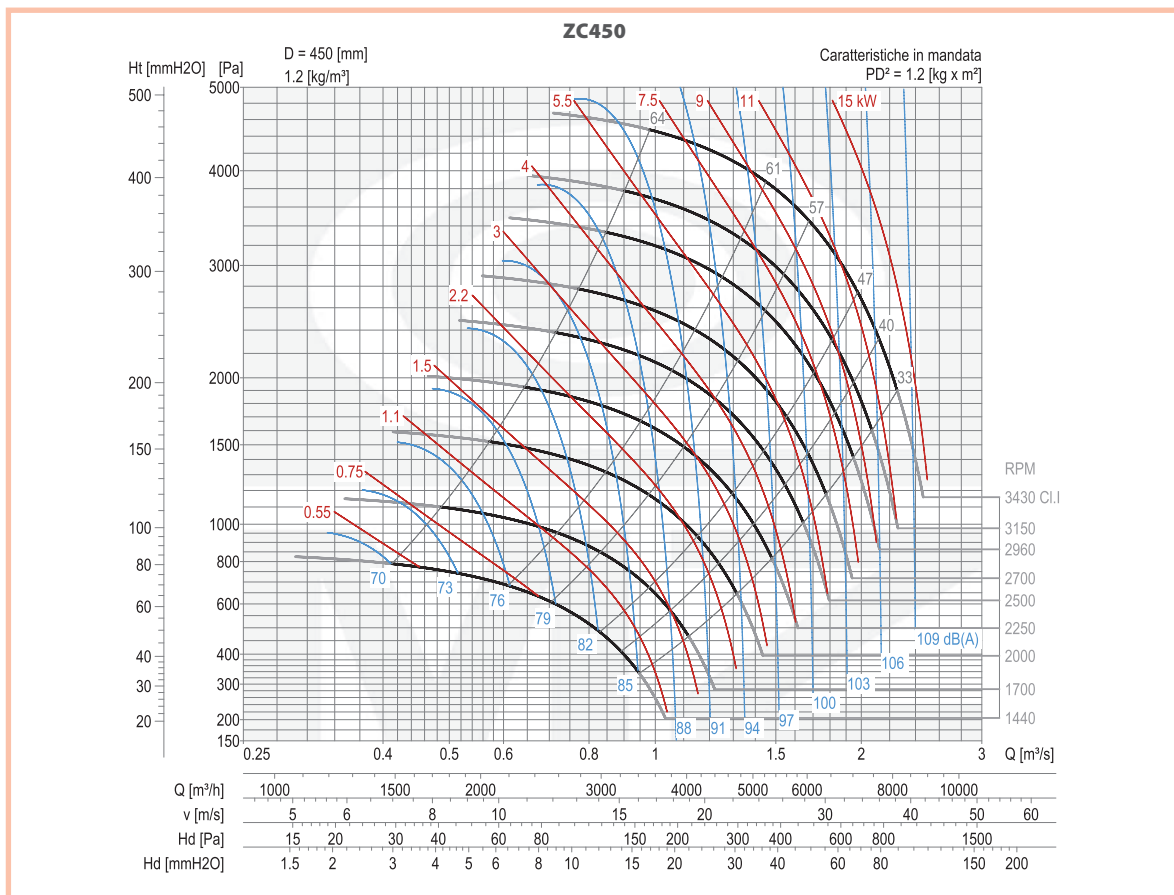
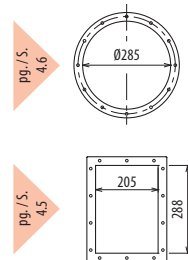


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable

Ulteriori informazioni e quote:
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TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kg f x m ²											
ZC450/2R	132 SB2	104	1,0	622	237	560	320	560	337	372	345	44	64	12
ZC450/2	160 MA2	148	1,2	727	337	560	320	560	395	440	446	55	54	14
ZC450/T		96	1,2			560	320	560						

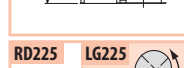
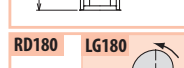
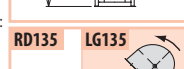
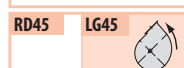
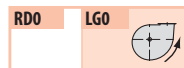
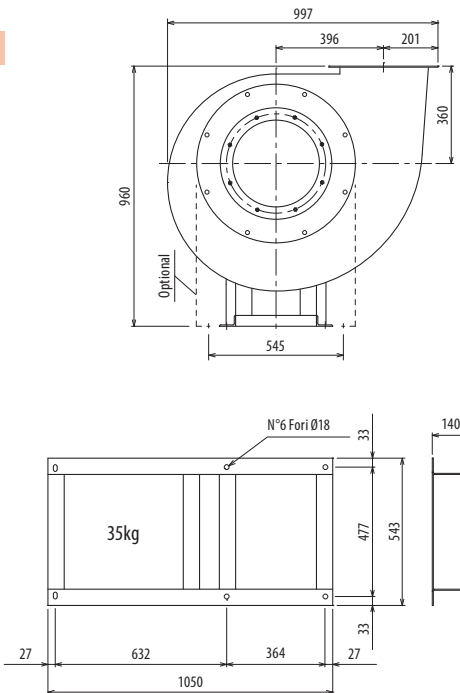
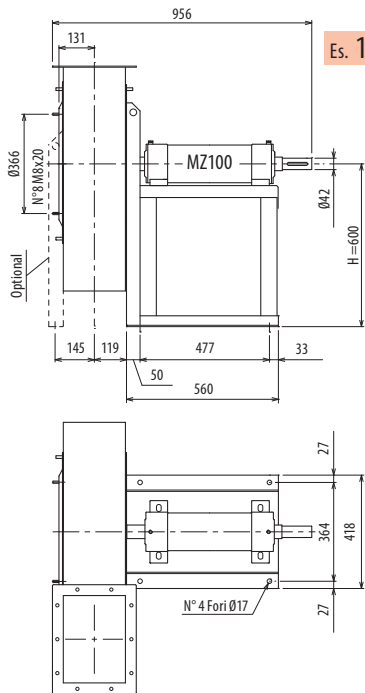
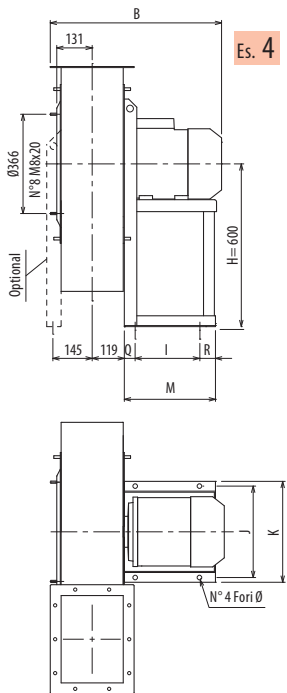




ZC500

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

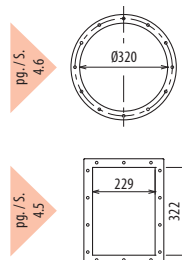


Il ventilatore è orientabile - Peso in tabella comprensivo di motore

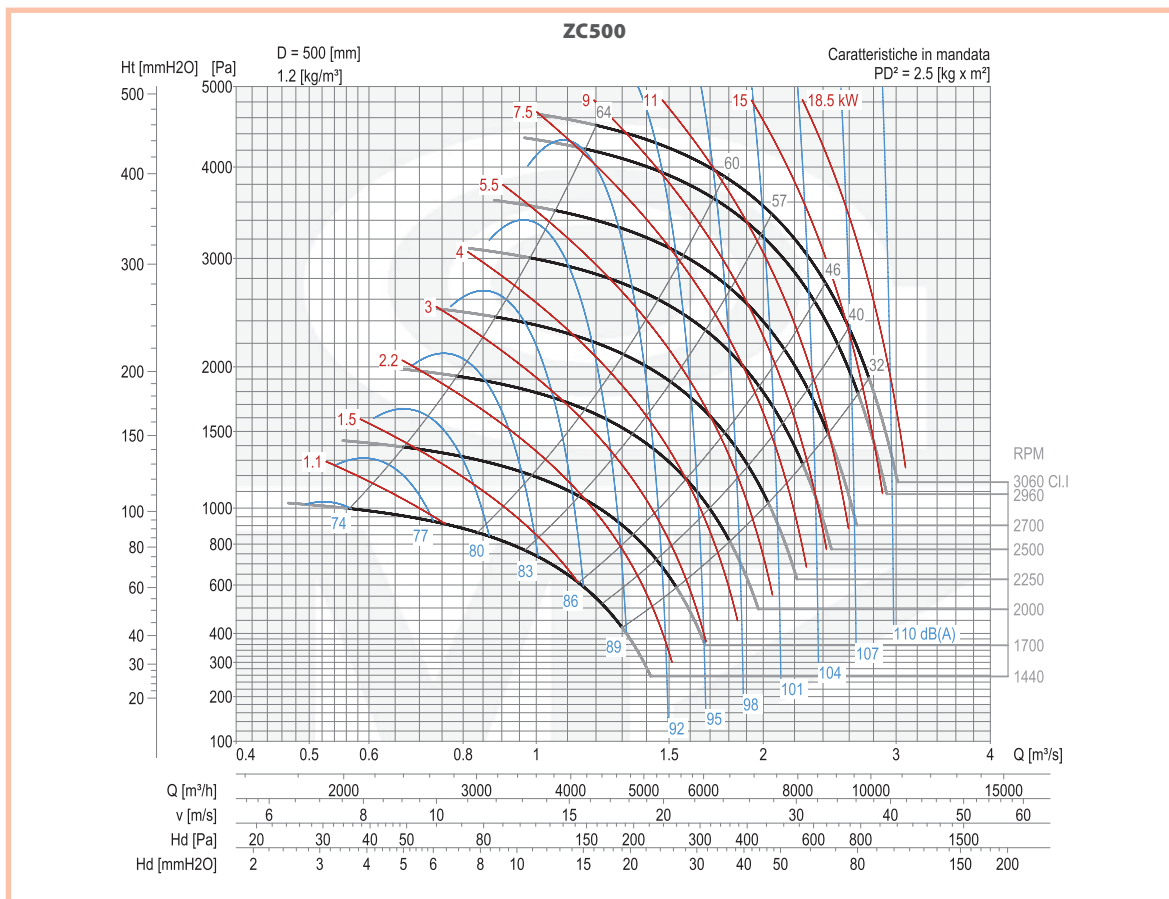
- Le ventilateur est orientable
- The fan is revolvable
- Der Ventilator ist drehbar
- El ventilador es orientable

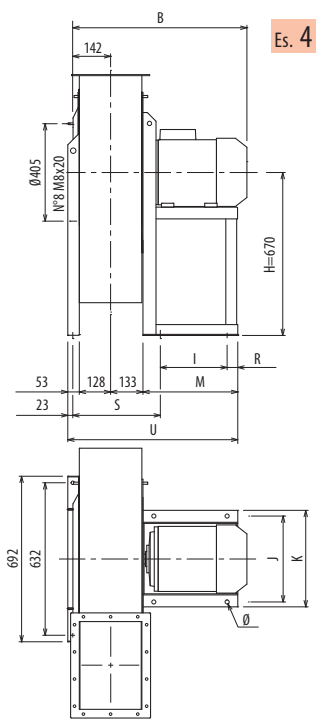
Ulteriori informazioni e quote:
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TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	Q	R	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²											
ZC500/2R	160 MA2	174	2	751	337	600	360	600	395	440	446	55	54	14
ZC500/2R	160 MB2	178	2,2	751	337	600	360	600	395	440	446	55	54	14
ZC500/2	160 L2	191	2,5	751	337	600	360	600	395	440	446	55	54	14
ZC500/T		145	2,5			600	360	600						

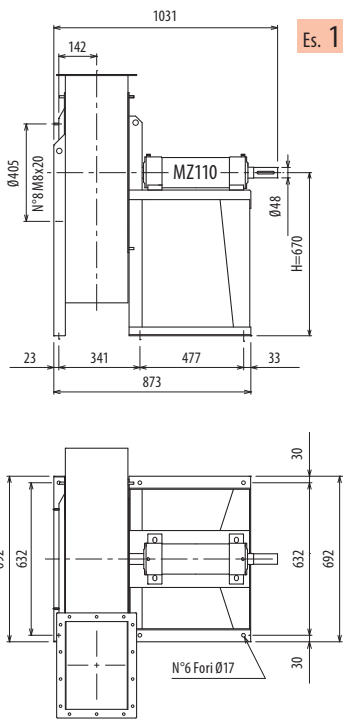


ZC

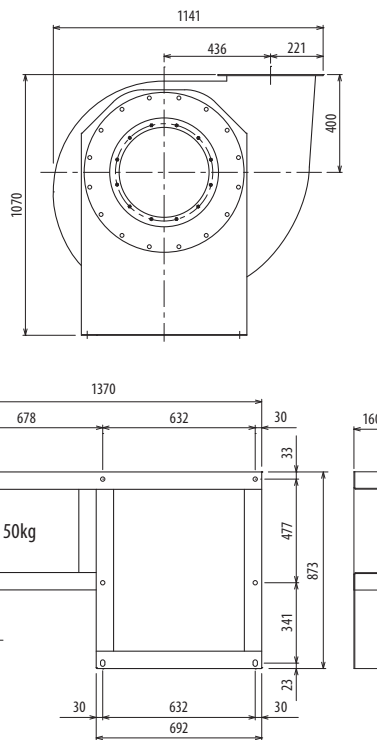




Es. 4



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

■ Ulteriori informazioni e quote:

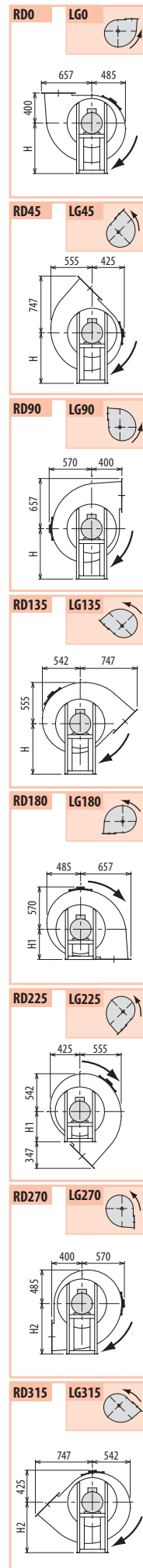
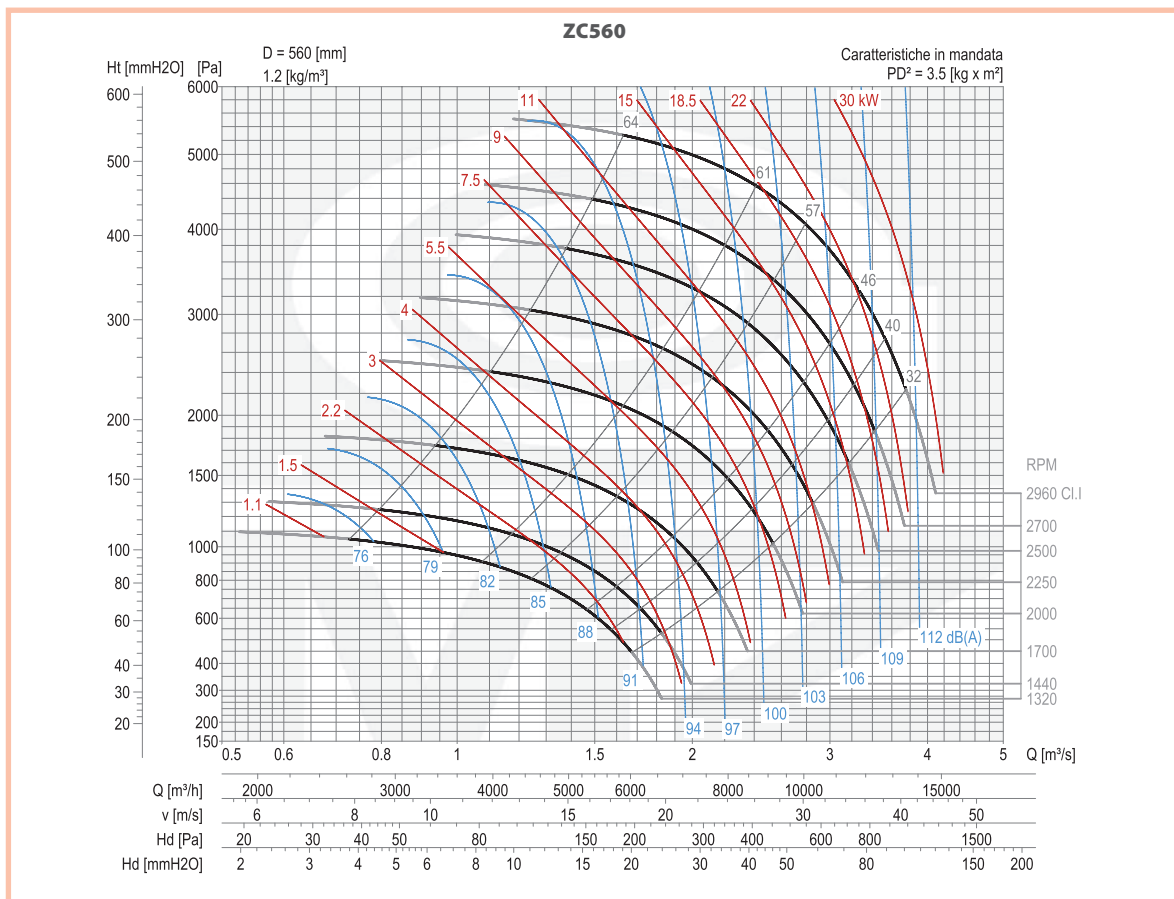
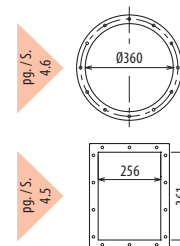
■ Ulérieures informations et cotes:

■ Further information and sizes:

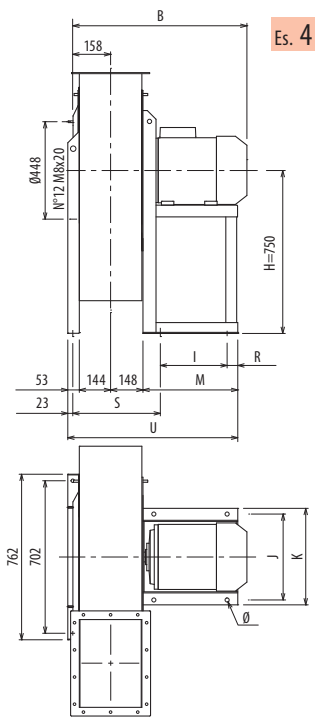
■ Weitere Infos und Größen:

■ Más informaciones y medidas:

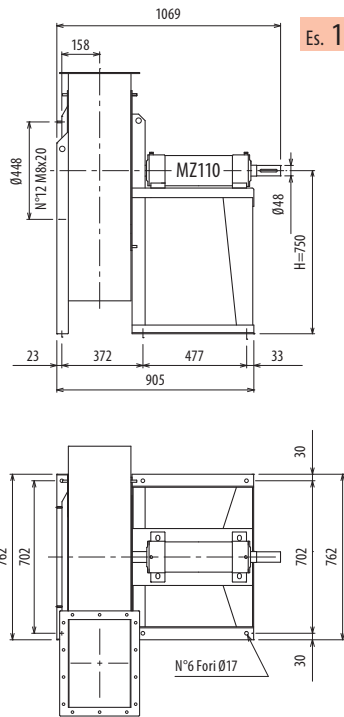
TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kg x m ²												
ZC560/2R	180 M2	271	3,0	873	357	670	400	670	434	488	465	38	360	778	18
ZC560/2	200 LA2	366	3,5	981	381	670	400	670	506	568	500	39	370	813	20
ZC560/4	112 M4	154	3,5	647	197	670	400	670	289	324	281	54	320	594	12
ZC560/T		185	3,5			670	400	670							



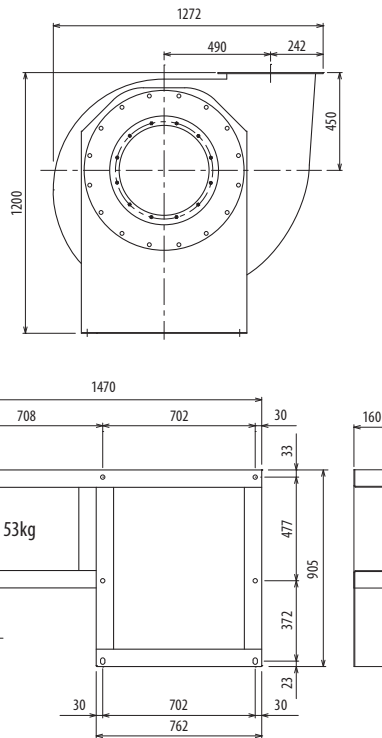
ZC



Es. 4



Es. 1

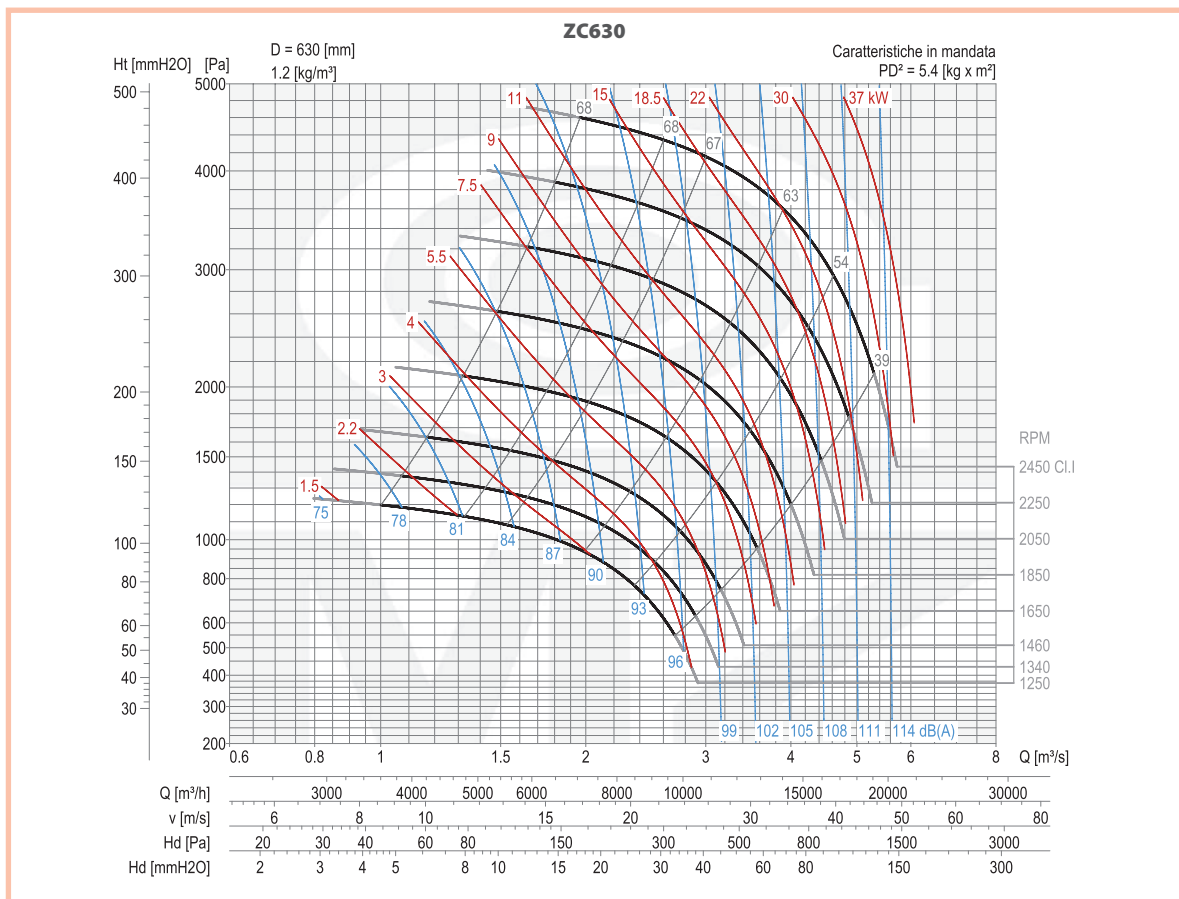
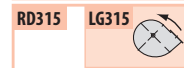
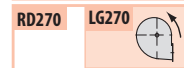
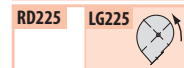
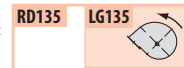
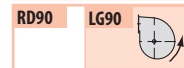
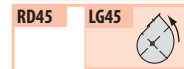
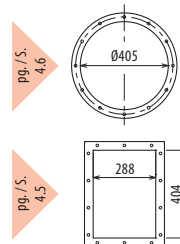


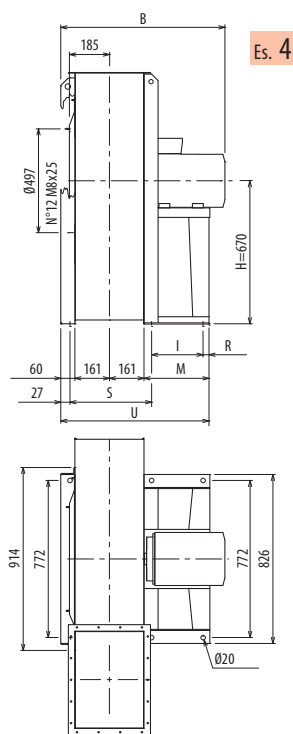
Il ventilatore è orientabile - Peso in tabella comprensivo di motore

- 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

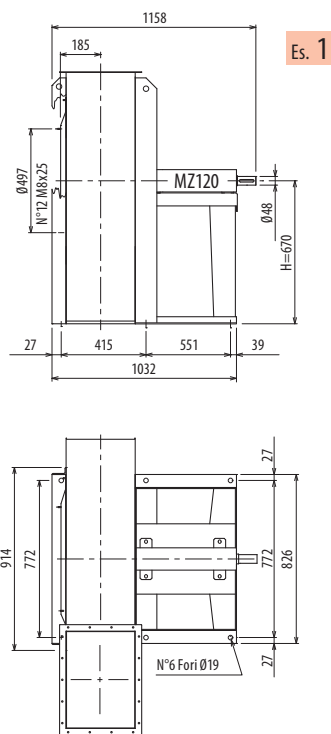
Ulteriori informazioni e quote:
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TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²												
ZC630/4R	132 SA4	194	4,6	718	237	750	450	750	337	372	341	64	362	686	12
ZC630/4	132 M4	195	5,4	718	237	750	450	750	337	372	341	64	362	686	12
ZC630/T		220	5,4			750	450	750							

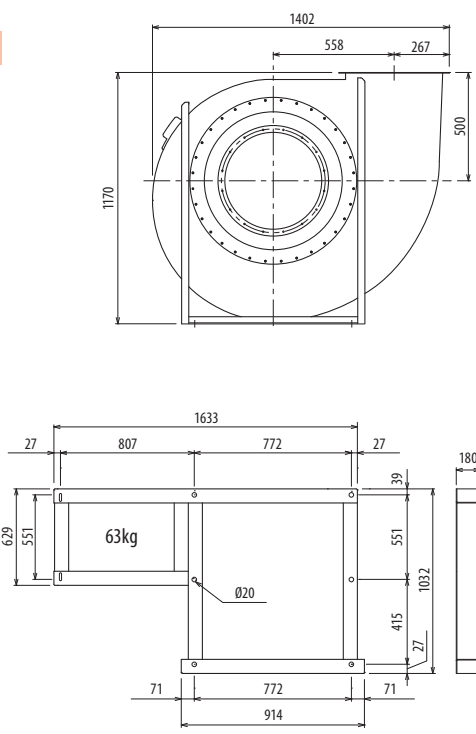




Es. 4



Es. 1

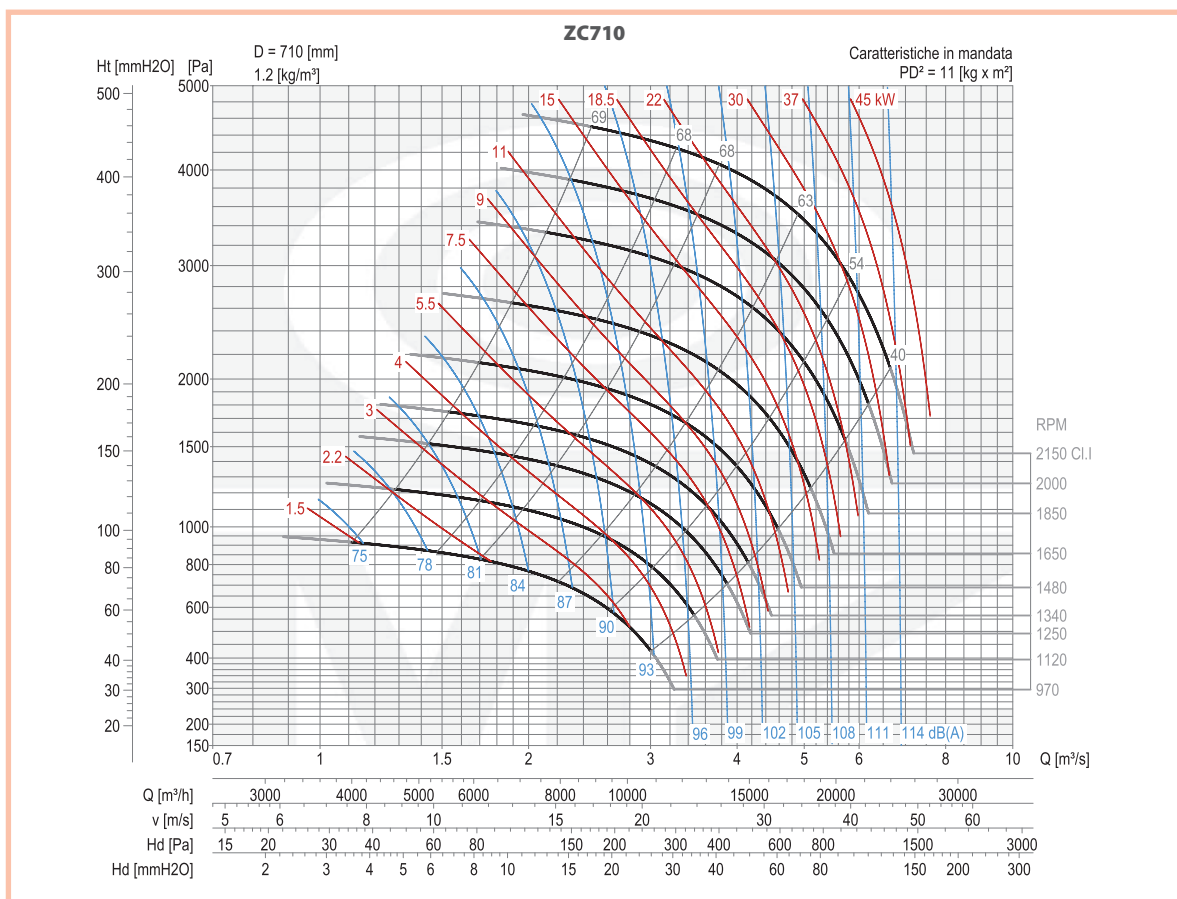
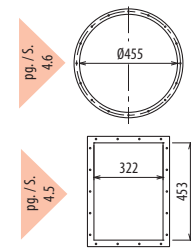


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

- 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

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TIPO - Type		PESO Weight	PD ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²									
ZC710/4R	160 M4	332	10	860	316	670	500	850	60	415	436	818
ZC710/4	160 L4	345	11	860	316	670	500	850	60	415	436	818
ZC710/T		330	11			670	500	850				



RD0 LG0

RD45 LG45

RD90 LG90

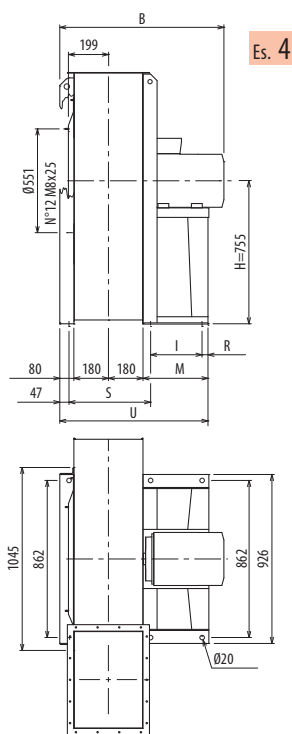
RD135 LG135

RD180 LG180

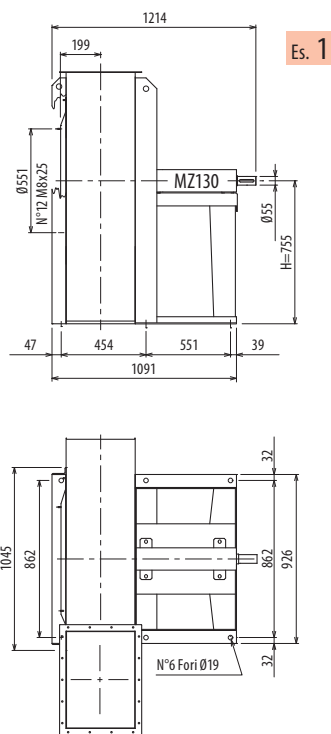
RD225 LG225

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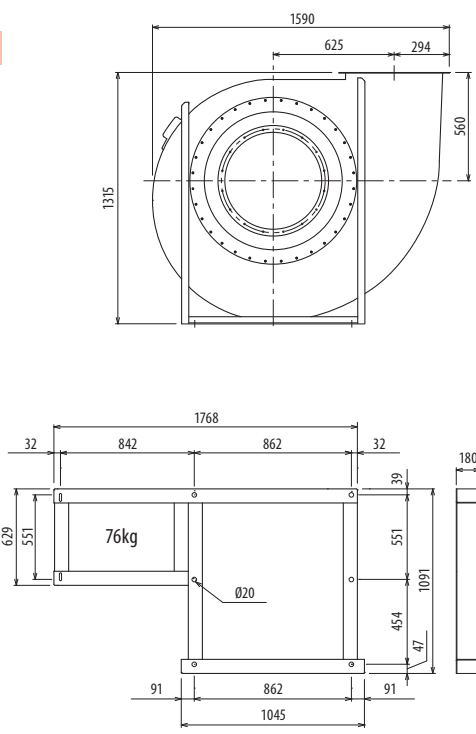
RD315 LG315



Es. 4



Es. 1

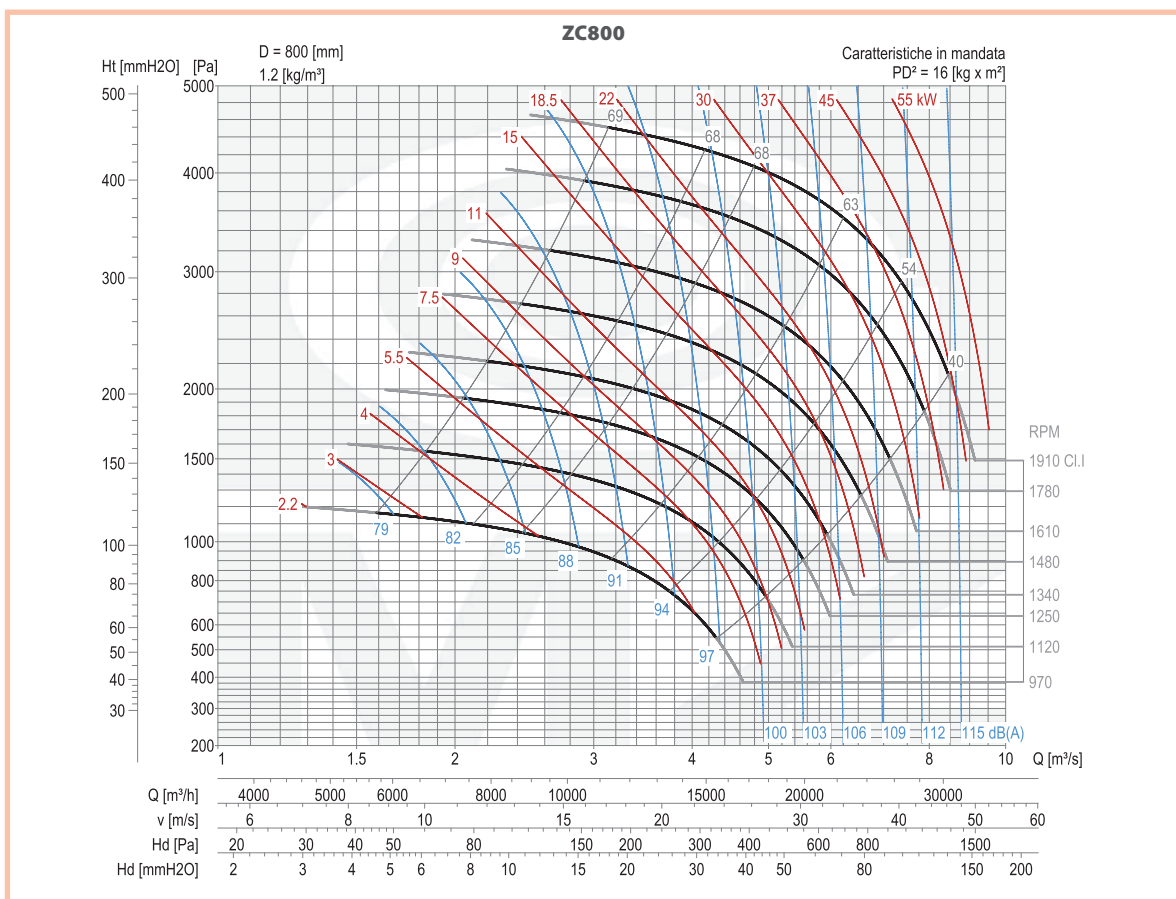
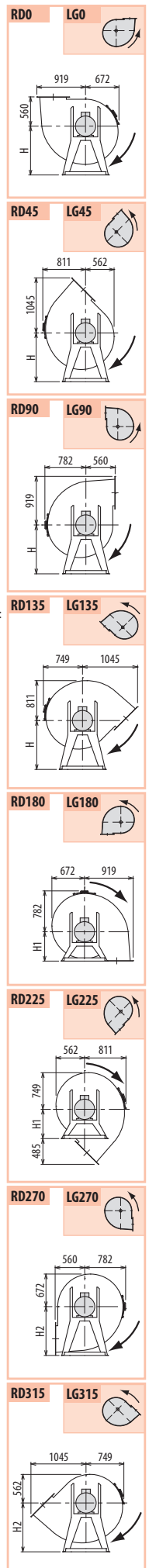
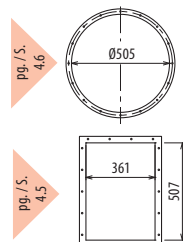


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

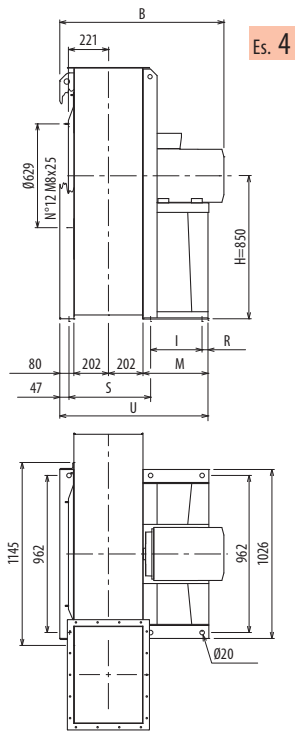
- Le ventilateur n'est pas orientable
 - The fan is not revolvable
 - Der Ventilator ist nicht drehbar
 - El ventilador no es orientable
- Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Das Gewicht im Tafel schließt den Motor ein El peso en la tabla incluye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

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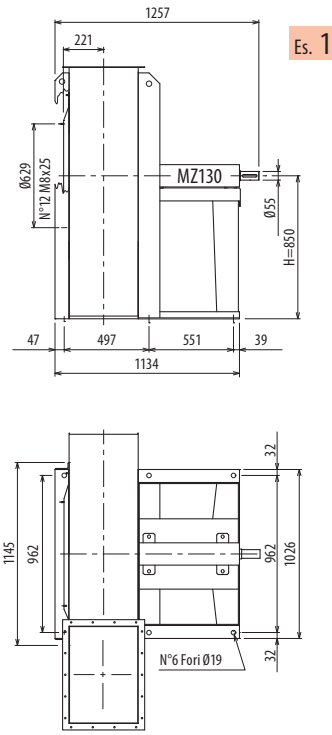
TIPO - Type		PESO Weight	PD ²									
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	R	S	M	U
ZC800/4R	180 L4	512	15	1050	361	755	560	950	39	454	460	901
ZC800/4	200 L4	614	16	1107	401	755	560	950	39	454	500	941
ZC800/T		395	16			755	560	950				



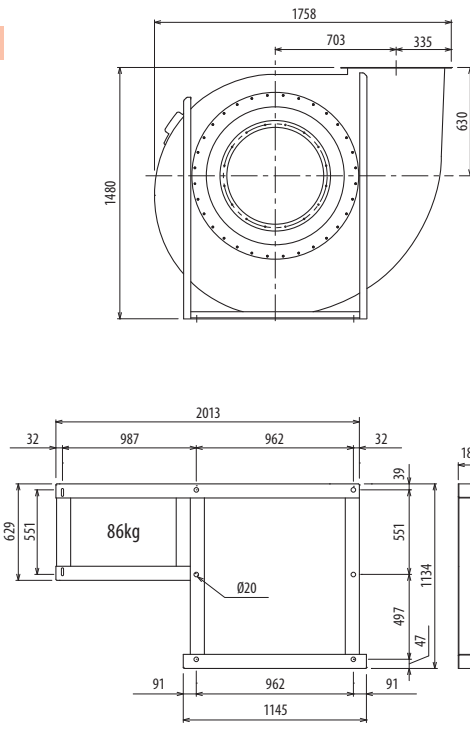
ZC



Es. 4



Es. 1

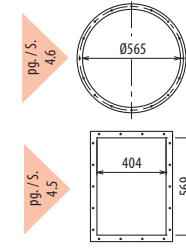


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

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TIPO - Type		PESO Weight Kg	PD ² Kg x m ²	B	I	H	H1	H2	R	S	M	U
VENTILATORE Fan	MOTORE Motor											
ZC900/4R	225 S4	640	27	1193	441	850	630	1060	39	497	540	1024
ZC900/4	225 M4	665	29	1193	441	850	630	1060	39	497	540	1024
ZC900/T		475	29			850	630	1060				



RD0 LG0

RD45 LG45

RD90 LG90

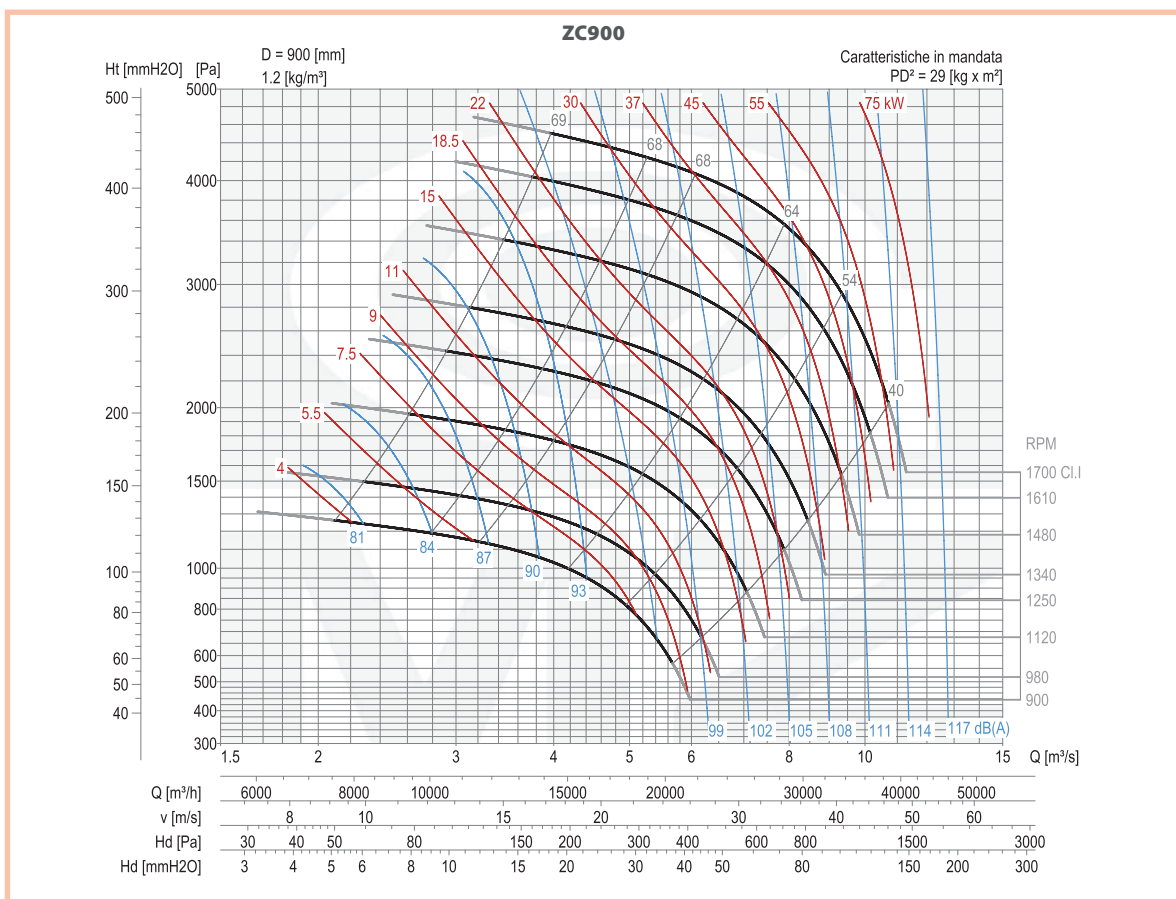
RD135 LG135

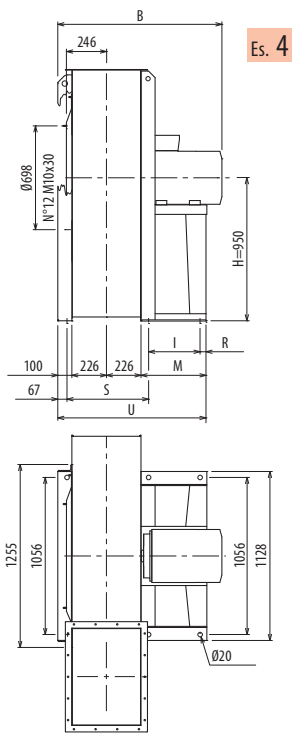
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RD225 LG225

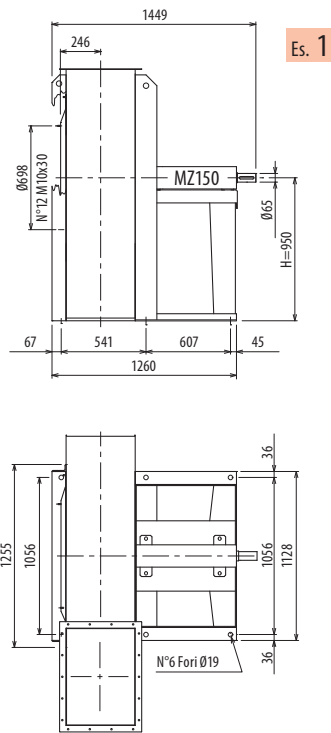
RD270 LG270

RD315 LG315

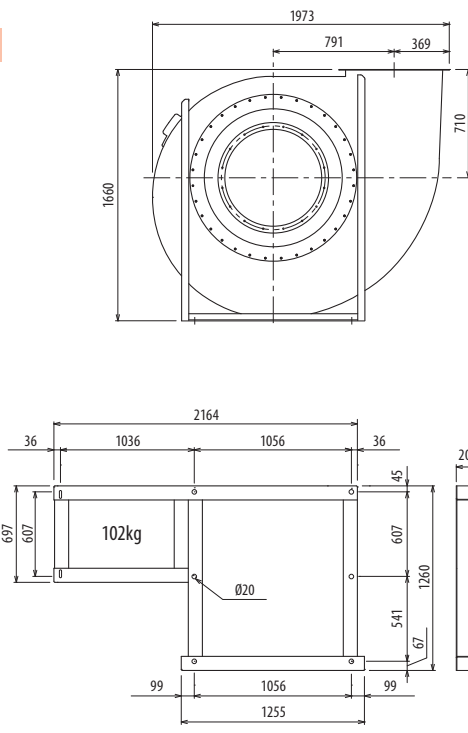




Es. 4



Es. 1

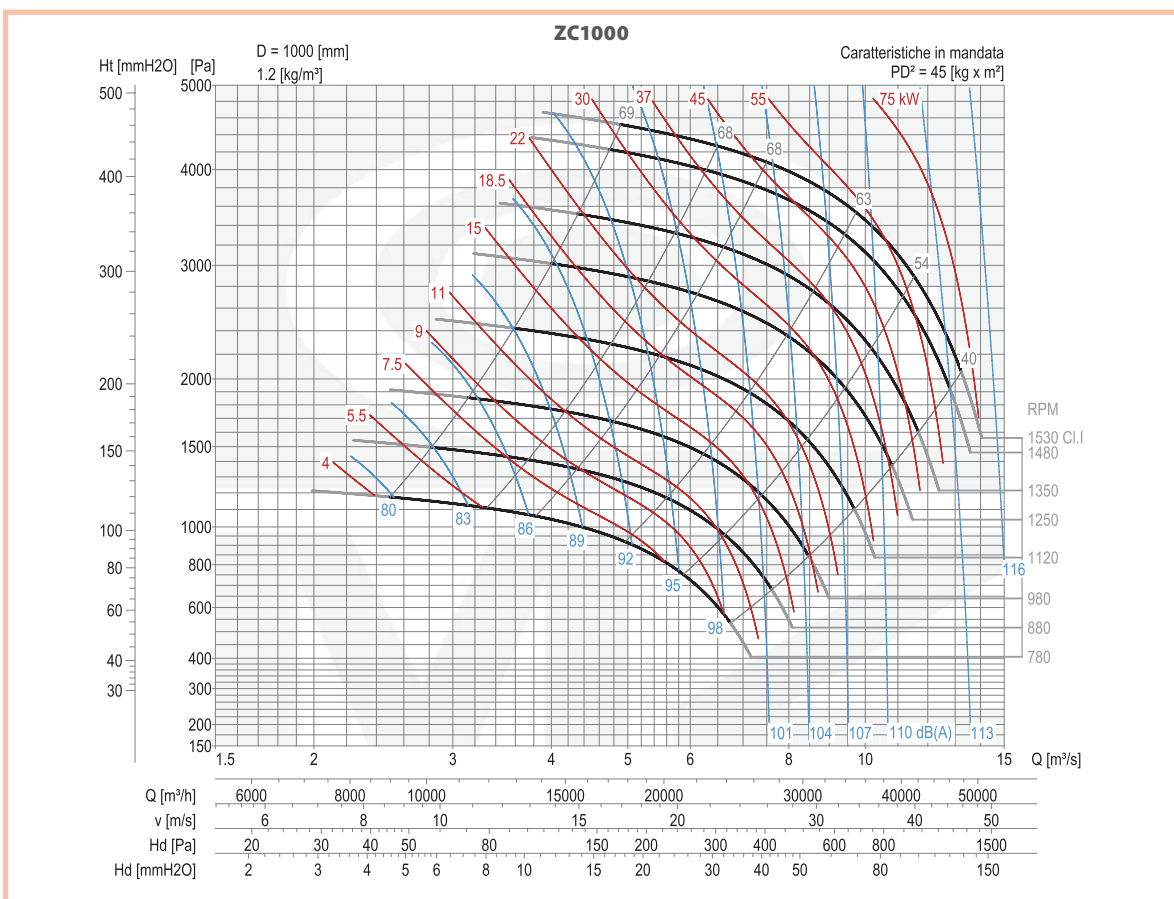
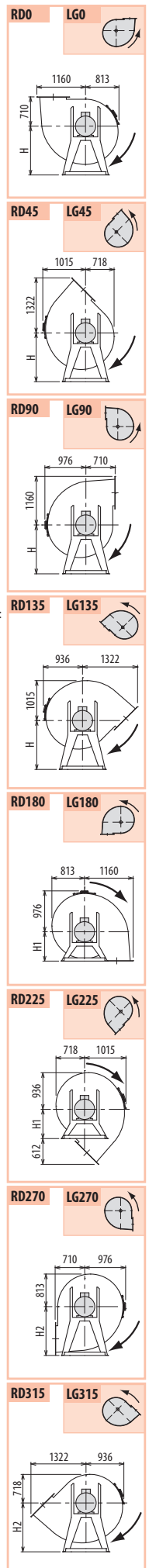
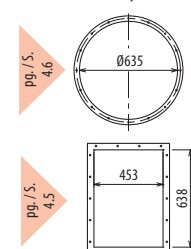


Il ventilatore non è orientabile • Peso in tabella comprensivo di motore

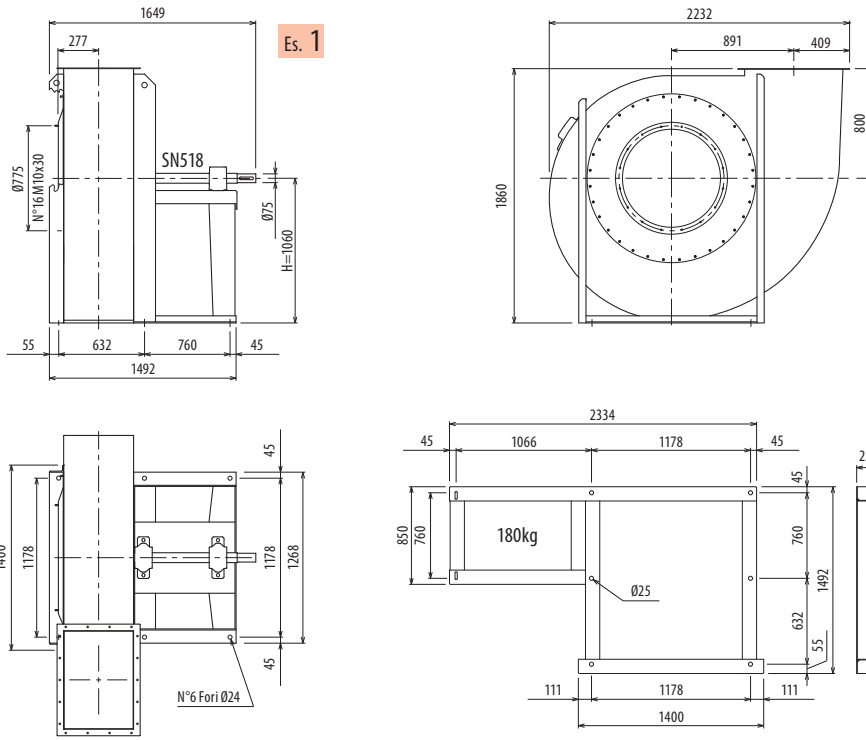
- Le ventilateur n'est pas orientable
 - The fan is not revolvable
 - Der Ventilator ist nicht drehbar
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- Le poids dans le tableau inclut le moteur The weight indicated in the table includes motor Das Gewicht im Tafel schließt den Motor ein El peso en la tabla incluye el motor

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 ■ 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		
ZC1000/4R	225 M4	924	40	1262	440	950	710	1180	45	541	540	1093		
ZC1000/4	250 M4	1011	45	1364	500	950	710	1180	45	541	600	1153		
ZC1000/T		695	45			950	710	1180						



ZC



Es. 1

Il ventilatore non è orientabile

■ Le ventilateur n'est pas orientable

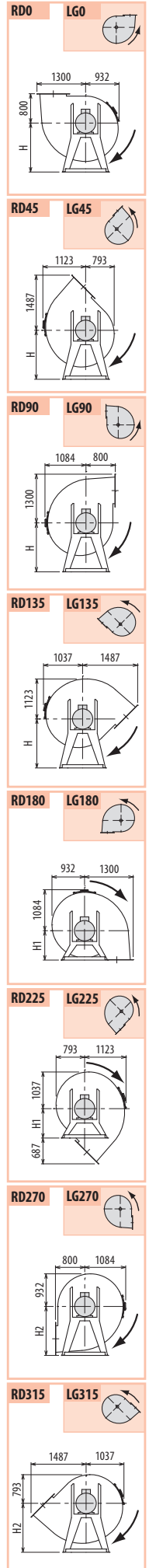
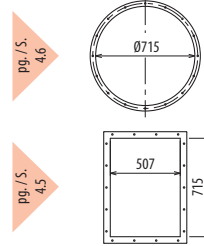
■ The fan is not revolvable

■ Der Ventilator ist nicht drehbar

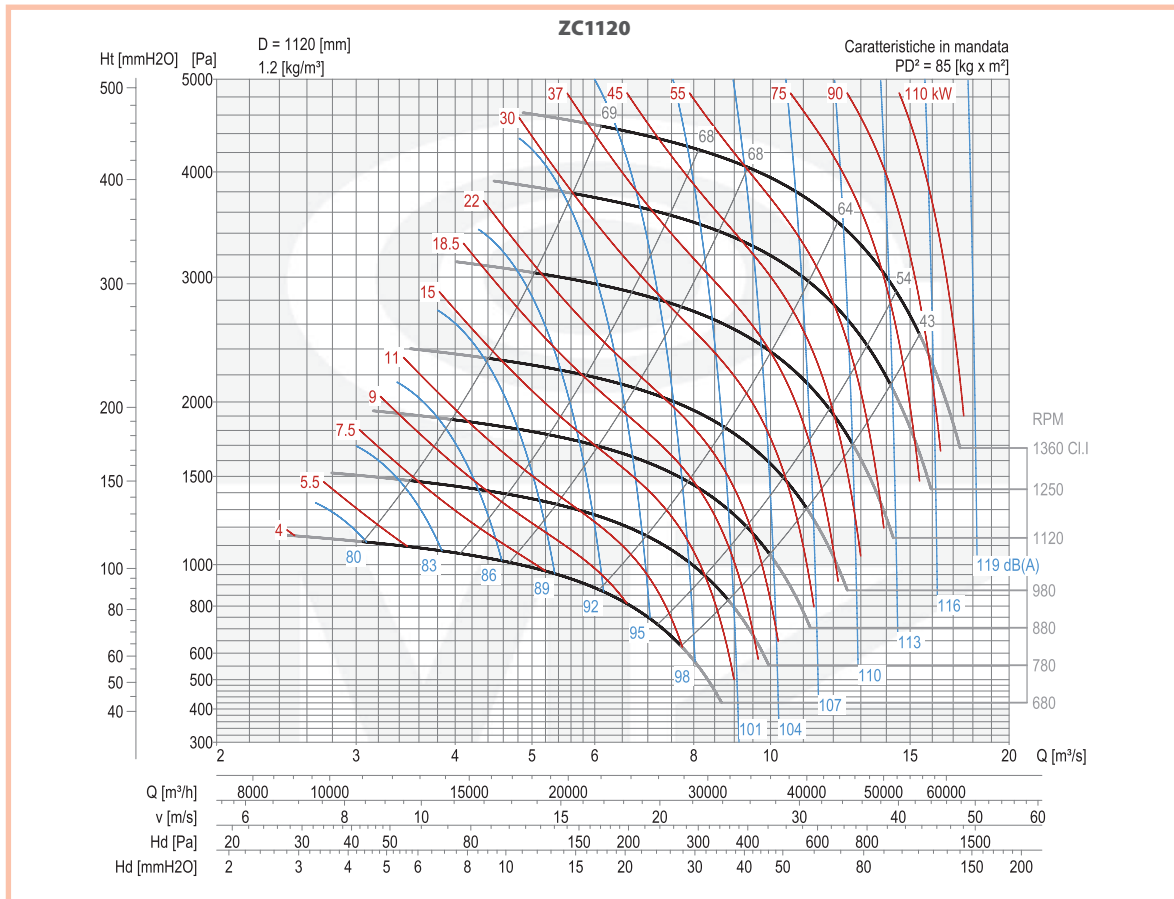
■ El ventilador no es orientable

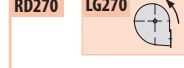
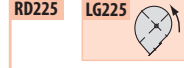
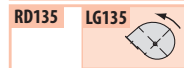
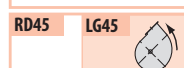
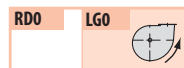
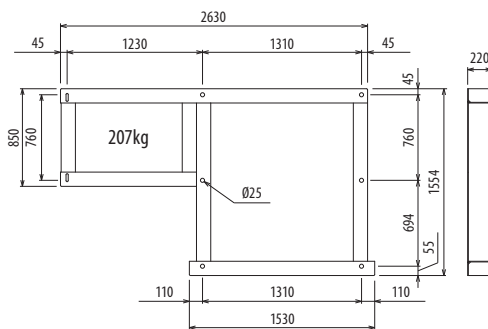
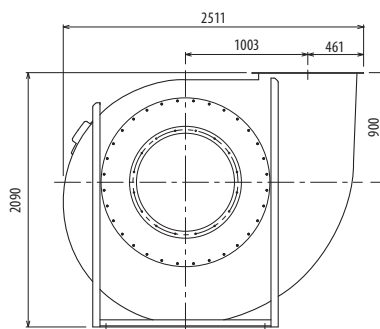
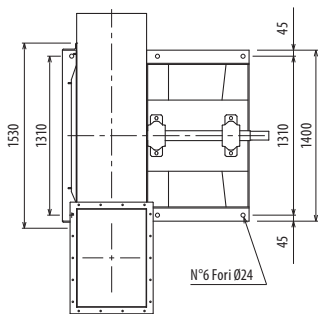
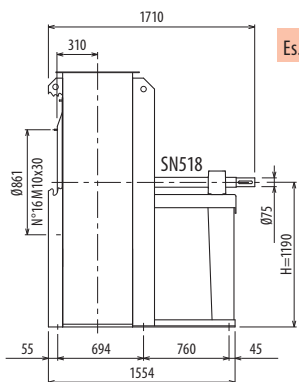
Ulteriori informazioni e quote:
 ■ Ulérieures informations et cotes:
 ■ Further information and sizes:
 ■ Weitere Infos und Größen:
 ■ Más informaciones y medidas:

TIPO - Type		PESO Weight	PD ²						
VENTILATORE Fan	MOTORE Motor	Kg	Kgf x m ²	B	I	H	H1	H2	
ZC1120/T		884	85			1060	800	1320	



ZC





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:

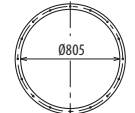
■ Further information and sizes:

■ 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
ZC1250/T		1100	140			1190	900	1500

pg. / s. 4,6



pg. / s. 4,5

