DRH

MIDDEL DRUK CENTRIFUGAAL VENTILATOREN

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

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

$p_t = 60 \div 530 mmH_2O$

$p_t = 600 \div 5200 Pa$

VENTILATEURS MOYENNE PRESSION
MEDIUM PRESSURE FANS
MITTELDRUCK-VENTILATOREN
VENTILADORES DE MEDIA PRESION

Sjerp & Jongeneel

Aluminiumstraat 59
2718 RB Zoetermeer
Nederland

+31 (0) 79 3611 466
info@sjerp.nl

Werkgebied
Middel-hoog debiet. Middelhoge druk.

Waaier type
Achterover gebogen schoepen.

Toepassingen
Voor afzuiging en transport van schone of stoffige lucht.

Standaard bouwvormen
Voor bouwvorm 1,4,5,8,9 &12 zie pagina 23 & 24.

Standaard temperatuurbereik van het medium
-10…+60 °C. Hogere temperaturen mogelijk in aangepaste uitvoeringen.

Constructie
Behuizing uit staalplaat Fe360, waaier uit Fe360 statisch en dynamisch gebalanceerd. Speciale uitvoeringen mogelijk zoals Cortenstaal, galvaniseren, RVS AISI 304 & AISI 316.

Condities gespecificeerde gegevens
Inkomende lucht: 20°C, 0 m boven zeeniveau en *p*=1.205 kg/m3.

Geluidsdrukniveau
Uitgedrukt in LpA [dB(A)] vrije veld condities met aangesloten leidingwerk.

Oriëntatie
8 RD posities mogelijk (met de klok mee bekeken vanaf de aandrijfzijde) en 8 LG posities mogelijk. Met bouten verstelbare ventilator in de maten 400-630. Niet verstelbaar in maat 710-2000. De in- en uitlaat posities volgens de tabel naast de maatschetsen.

Speciale uitvoeringen
Op aanvraag.

Waaier klasse
De specificaties gaan uit van standaard gebruik. Bij zwaardere toepassingen wordt u geadviseerd om contact op te nemen met uw dealer om de meest geschikte uitvoering te definiëren.

VENTILATOR GROOTTE • Grandeur • Size • Größe • Tamaño	MAXIMAAL TOERENTAL • Maxi tours/min. • Max rpm • Max. U/min • R.p.m. máx.			
	KLASSE I	KLASSE II	KLASSE III	KLASSE IV
DRH400	3450	3900	4500	
DRH450/R	3150	3600	4250	
DRH450	3050	3500	4000	
DRH500/R	2900	3300	3850	
DRH500	2750	3150	3700	
DRH560/R	2550	2900	3550	
DRH560	2450	2800	3400	
DRH630/R	2300	2600	3200	
DRH630	2200	2500	3000	
DRH710/R	2350	2800	3100	3550
DRH710	2200	2650	2950	3350
DRH800/R	2050	2500	2750	3150
DRH800	1950	2350	2600	2950
DRH900/R	1800	2200	2400	2750
DRH900	1750	2050	2250	2550
DRH1000/R	1600	1950	2100	
DRH1000	1550	1850	2000	
DRH1120/R	1700	1850	2000	
DRH1120	1600	1750	1900	
DRH1250/R	1500	1650	1800	
DRH1250	1400	1550	1700	
DRH1400/R	1300	1450	1600	
DRH1400	1200	1350	1500	
DRH1600	1000	1150	1300	
DRH1800	850	1000	1150	
DRH2000	750	900	1050	

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

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

DRH

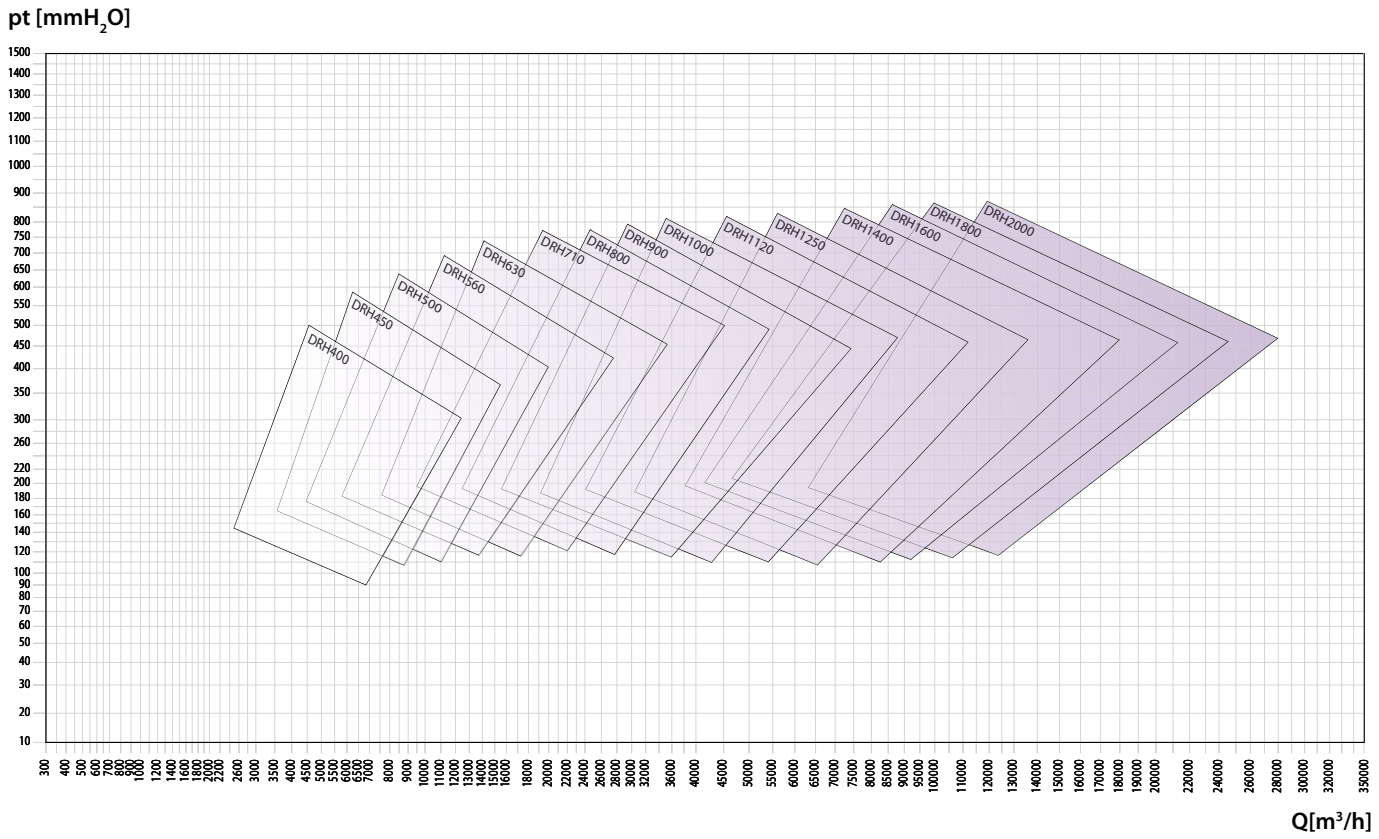
Domaine de travail
Débits moyens-élevés. Moyennes pressions.
Type d'ailette
Courbée, inversée (négative).
Applications
Pour aspiration et transport d'air propre ou poussiéreux.
Configurations de constructions standard
Ex.1- Ex.4- Ex.5- Ex.8- Ex.9- Ex.12, voir pages 23 - 24.
Températures du fluide standard
-10÷+60°C.
Type de fabrication
Ventilateur en tôle de Fe360, turbine en Fe360 équilibrée statiquement et dynamiquement.
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.
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.
Fabrications spéciales
S' il vous plaît contactez-nous.
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 pour connaître le type de turbine le plus adapté.

Field of operation
Medium-high flow rates. Average pressures.
Blade type
Curve, backward (negative).
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. 23 - 24.
Standard fluid temperatures
-10÷+60°C.
Type of construction
Fan in Fe360 plate, impeller in Fe360 statically and dynamically balanced.

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.

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.

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



■ ***Arbeitsbereich***
Mittlere - grosse Fördermengen. Mittlere Drücke.

Schaufelform
Kurve, rückwärts gekrümmt (negativ).

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 23 - 24.

Standardtemperatur des Mediums
-10 ÷ +60°C.

Konstruktionsart
Ventilator aus Blech Fe360, Laufrad aus Fe360, statisch und dynamisch ausgewuchtet.

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.

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.

Spezialausführungen
Bitte kontaktieren Sie uns.

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

■ ***Campo de trabajo***
Caudales medios-altos. Presiones medias.

Tipo de pala
Curva, invertida (negativa).

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. 23 - 24.

Temperaturas del fluido estándares
De -10 a +60°C.

Tipo de construcción
Ventilador de chapa en Fe360, rotor en Fe360 equilibrado estática y dinámicamente.

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.

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.

Construcciones especiales
Por favor contáctenos.

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 para conocer el tipo de rotor más adecuado.

Type • Type • Type • Typ • Tipo		P inst. [kW]	n	LpA [dB(A)]	Debiet tolerantie ±5% • Tolérance sur le débit ±5% • Load tolerance ±5% • Durchsatztoleranz ±5% • Tolerancia respecto caudal ±5%													
Ventilator • Ventilateur • Fan • Ventilator • Ventilador	Motor • 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]													
DRH400/2	112	4	2940	67	251	249	244	238	235									
DRH400/2	132	5,5	2950	72	254	251	246	240	237	220	206	183	165					
DRH450/2R	132	7,5	2950	72		309	309	308	305	296	285	266	253	233	211	192		
DRH450/2	132	7,5	2950	70			325	324	323	316	306	288	275					
DRH450/2	160	11	2955	74			325	324	323	316	306	288	275	256	236	221	167	
DRH500/2R	160	11	2955	73					370	370	365	352	342	324	307	295		
DRH500/2	160	15	2960	77						402	401	393	385	370	354	342	313	282
DRH560/2R	160	18,5	2960	74								469	467	459	448	439	414	
DRH560/2R	180	22	2960	77								469	467	459	448	439	414	388
DRH560/2	180	22	2960	75									505	501	494	487	465	440
DRH560/2	200	30	2960	79									505	501	494	487	465	440
DRH630/2R	200	30	2960	77											579	577	565	547
DRH630/2R	200	37	2960	81											579	577	565	547
DRH630/2	200	37	2960	78													634	626
DRH630/2	225	45	2960	82													634	626
DRH710/2R	250	55	2960	80														721
DRH710/2R	280	75	2960	83														721
DRH710/2	280	75	2960	81														
DRH710/2	280	90	2960	85														
DRH800/2R	315	110	2970	83														
DRH800/2R	315	132	2970	87														
DRH800/2	315	132	2970	84														
DRH800/2	315	160	2970	88														
DRH630/4R	112	4	1455	64					140	139	138	132	127	121	115	109		
DRH630/4	132	5,5	1455	69						154	153	149	147	142	135	130	121	106
DRH710/4R	132	7,5	1460	70								176	174	171	166	162	152	140
DRH710/4	160	11	1460	71									198	197	193	190	180	171
DRH800/4R	160	15	1460	74											232	231	229	221
DRH800/4	180	18,5	1460	74												250	250	246
DRH900/4R	200	30	1470	77														300
DRH900/4	225	37	1470	77														
DRH1000/4R	225	45	1470	80														
DRH1000/4	250	55	1470	81														
DRH1120/4R	280	75	1480	82														
DRH1120/4	315	110	1480	83														
DRH1250/4R	315	160	1480	85														
DRH1250/4	315	200	1480	86														
DRH1400/4R	315	250	1480	88														
DRH1400/4	315	315	1480	89														
DRH900/6R	160	7,5	970	65										130	130	129	127	124
DRH900/6	160	11	970	69											140	140	139	135
DRH1000/6R	180	15	975	72													160	159
DRH1000/6	200	18,5	975	72														173
DRH1120/6R	200	22	975	73														
DRH1120/6	225	30	980	75														
DRH1250/6R	280	45	985	76														
DRH1250/6	280	55	985	77														
DRH1400/6R	315	75	985	80														
DRH1400/6	315	90	985	81														

Het gewogen geluidsvermogen LpA gemeten bij de maximale geluidsdruk in het werkgebied, flexibel aangesloten op leidingwerk en geplaatst op trillingsdempers.

Geluid tolerantie ±4dB(A)

• Tolérance sur le bruit ±4dB(A) • Noise tolerance ±4dB(A)

• Geräuschtoleranz ±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]																					
242																					
361	332	297																			
415	389	361	329																		
525																					
525	502	478	454	402	329																
606	586																				
606	586	564	542	496	447	383															
714	701	684	665	624																	
714	701	684	665	624	581	537	487	422													
811	807	798	786	753	714	674															
811	807	798	786	753	714	674	633	591	542	480											
			960	946	921	890	854	817													
			960	946	921	890	854	817	780	742	659	543									
				1034	1018	994	964	929	894												
				1034	1018	994	964	929	894	858	785	703	592								
128	116																				
162	152	142	128																		
211	204	194	188	167	143																
240	229	222	216	197	176	155															
299	296	291	284	269	253	237	220	200	174												
321	320	317	312	299	284	269	253	236	218	194											
		366	365	358	347	334	319	304	290	274	239										
			397	395	388	377	364	351	337	322	293	258	208								
					451	446	438	427	415	402	375	348	318	282							
						504	501	495	487	476	453	428	402	376	329	260					
								581	576	571	556	540	511	488	451	410	367				
									630	629	620	603	586	561	520	491	452	394			
											702	694	684	663	630	596	563	523	457	357	
												790	790	775	755	730	698	657	600	540	465
119	112	108	103																		
131	126	120	116	107	93	76															
158	154	150	147	137	128	117	104	88													
173	172	169	166	157	147	138	127	118	103												
197	197	195	192	188	177	171	162	153	143	133											
		220	220	218	213	207	197	190	180	171	155	124									
				257	255	252	246	240	232	225	209	193	174	150							
					278	277	274	269	263	256	241	226	211	194	159						
							310	308	305	300	288	274	260	245	222	193					
							349	349	349	347	340	329	317	303	283	262	239	196			

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

Der nach A bewertete Schalldruckpegel LpA entspricht in den Testbedingungen dem höchsten gemessenen Wert des Geräuschpegels.

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

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

Type • Type • Type • Typ • Tipo		P inst. [kW]	n	LpA [dB(A)]	**Debiet tolerantie ±5%** • Tolérance sur le débit ±5% • Load tolerance ±5% • Durchsatztoleranz ±5% • Tolerancia respecto caudal ±5%													
Ventilator • Ventilateur • Fan • Ventilator • Ventilador	**Motor** • 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]													
DRH400/2	112	4	2940	67	245	243	238	232	229									
DRH400/2	132	5,5	2950	72	247	244	240	234	231	214	200	177	159					
DRH450/2R	132	7,5	2950	72		300	300	299	296	287	276	258	245	225	203	184		
DRH450/2	132	7,5	2950	70			315	314	313	306	296	279	266					
DRH450/2	160	11	2955	74			315	314	313	306	296	279	266	247	227	212	158	
DRH500/2R	160	11	2955	73					357	357	352	340	330	313	297	285		
DRH500/2	160	15	2960	77						387	386	378	370	356	341	329	301	271
DRH560/2R	160	18,5	2960	74								448	446	439	429	420	397	
DRH560/2R	180	22	2960	77								448	446	439	429	420	397	372
DRH560/2	180	22	2960	75									481	477	471	464	444	421
DRH560/2	200	30	2960	79									481	477	471	464	444	421
DRH630/2R	200	30	2960	77											548	546	535	519
DRH630/2R	200	37	2960	81											548	546	535	519
DRH630/2	200	37	2960	78													597	590
DRH630/2	225	45	2960	82													597	590
DRH710/2R	250	55	2960	80														674
DRH710/2R	280	75	2960	83														674
DRH710/2	280	75	2960	81														
DRH710/2	280	90	2960	85														
DRH800/2R	315	110	2970	83														
DRH800/2R	315	132	2970	87														
DRH800/2	315	132	2970	84														
DRH800/2	315	160	2970	88														
DRH630/4R	112	4	1455	64					138	137	136	130	125	119	113	107		
DRH630/4	132	5,5	1455	69						152	150	146	144	139	132	127	118	103
DRH710/4R	132	7,5	1460	70								173	171	168	163	159	149	137
DRH710/4	160	11	1460	71									194	193	189	186	176	167
DRH800/4R	160	15	1460	74											227	226	223	216
DRH800/4	180	18,5	1460	74												244	244	240
DRH900/4R	200	30	1470	77														291
DRH900/4	225	37	1470	77														
DRH1000/4R	225	45	1470	80														
DRH1000/4	250	55	1470	81														
DRH1120/4R	280	75	1480	82														
DRH1120/4	315	110	1480	83														
DRH1250/4R	315	160	1480	85														
DRH1250/4	315	200	1480	86														
DRH1400/4R	315	250	1480	88														
DRH1400/4	315	315	1480	89														
DRH900/6R	160	7,5	970	65										128	128	127	125	122
DRH900/6	160	11	970	69											138	138	137	133
DRH1000/6R	180	15	975	72													157	156
DRH1000/6	200	18,5	975	72														170
DRH1120/6R	200	22	975	73														
DRH1120/6	225	30	980	75														
DRH1250/6R	280	45	985	76														
DRH1250/6	280	55	985	77														
DRH1400/6R	315	75	985	80														
DRH1400/6	315	90	985	81														

Het gewogen geluidsvermogen LpA gemeten bij de maximale geluidsdruk in het werkgebied, flexibel aangesloten op leidingwerk en geplaatst op trillingsdempers.

Geluid tolerantie ±4dB(A)

• Tolérance sur le bruit ±4dB(A) • Noise tolerance ±4dB(A)

• Geräuschtoleranz ±4dB(A) • Tolerancia respecto a ruido ±4dB(A)

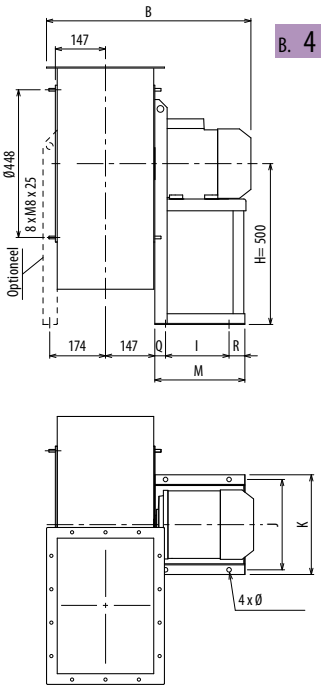
Q [m³/h]																					
16200	18000	19800	21600	25200	28800	32400	36000	39600	43200	46800	54000	61200	68400	75600	86400	97200	108000	122400	140000	158000	176000
pt[mmH$_2$O]																					
232																					
347	319	285																			
397	372	345	315																		
499																					
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			

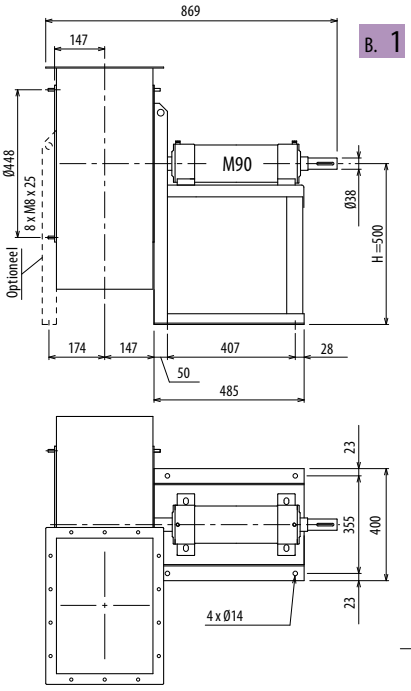
■ *Le niveau de pression sonore pondérée A, LpA, correspond à la valeur relevée dans les conditions d'essai au point de niveau sonore maximum.*

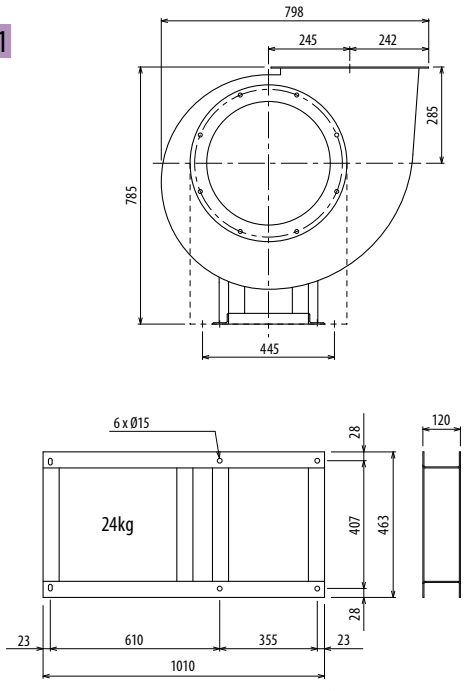
■ *Der nach A bewertete Schalldruckpegel LpA entspricht in den Testbedingungen dem höchsten gemessenen Wert des Geräuschpegels.*

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

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





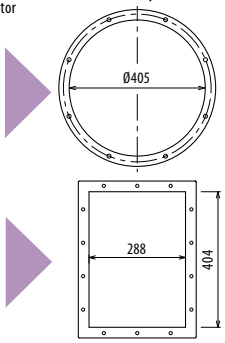


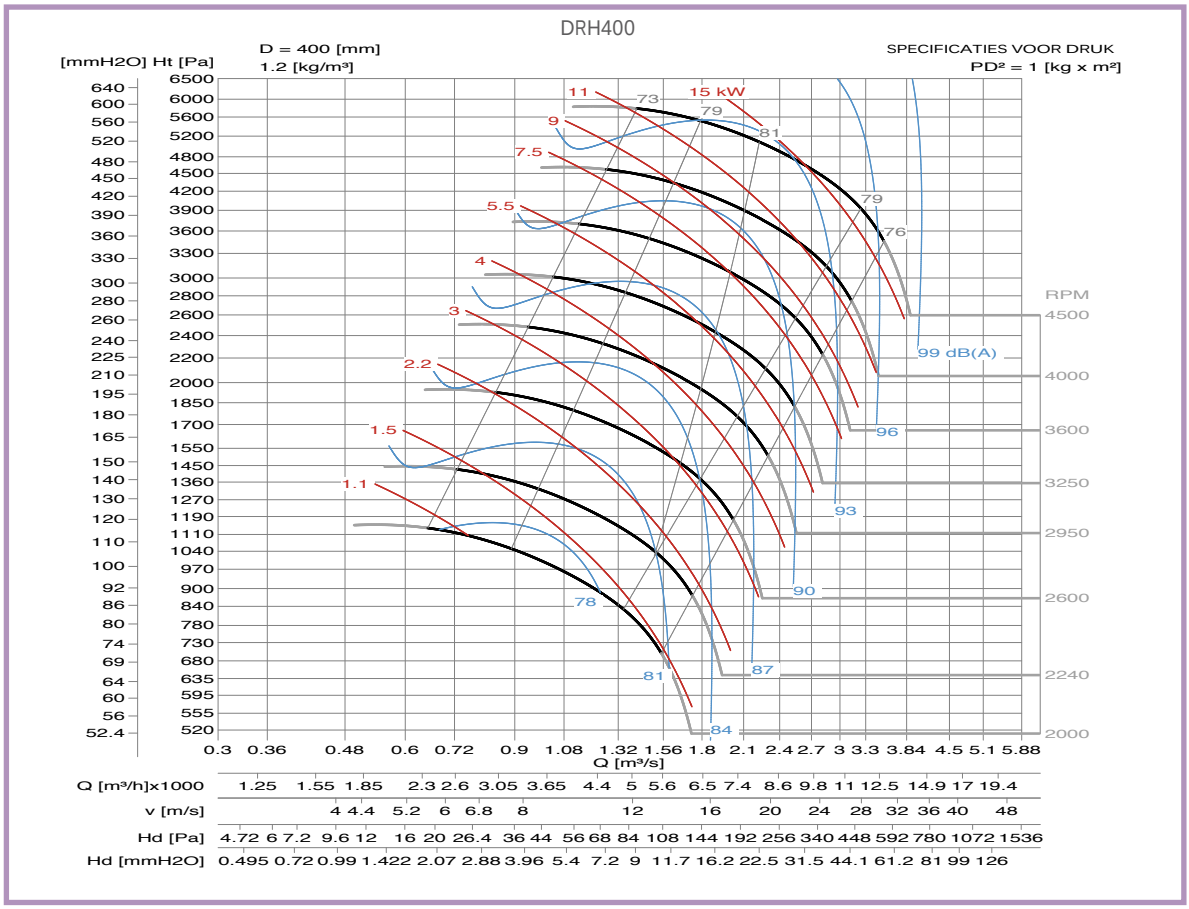
De ventilator is verstelbaar • Gewicht in tabel inclusief motor.

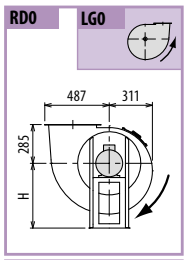
- Le ventilateur est orientable — Le poids dans le tableau inclut le moteur
- The fan is revolvable — The weight indicated in the table includes motor
- Der Ventilator ist drehbar — Das Gewicht im Tafel schließt den Motor ein
- El ventilador es orientable — El peso en la tabla incluye el motor

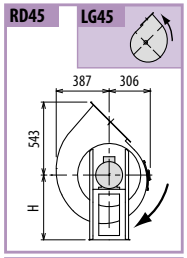
Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

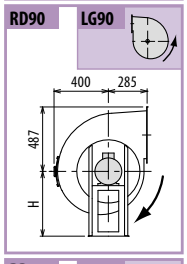
TYPE VENTILATOR Fan	MOTOR Motor	GEWICHT Weight Kg	Kgf x m²	B	I	H	H1	H2	J	K	M	Q	R	Ø
DRH400/2	112 M2	106	1	665	197	500	285	500	289	324	276	30	49	12
DRH400/2	132 SA2	116	1	704	237	500	285	500	337	372	336	40	59	12
DRH400/T		92	1			500	285	500						

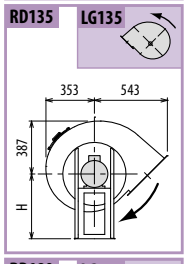


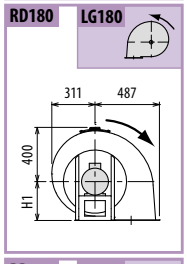


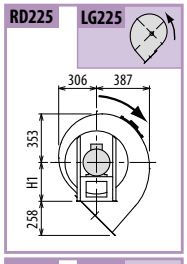


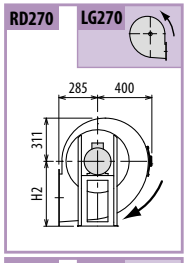


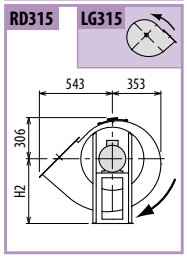










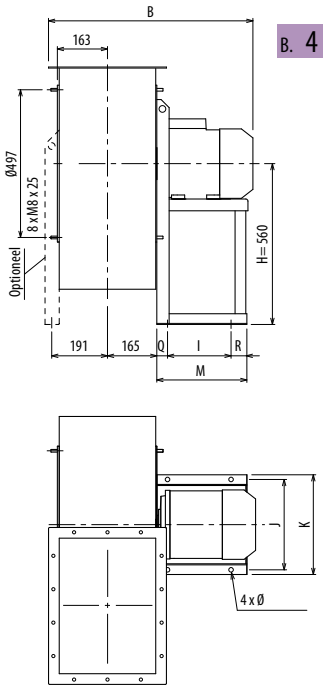


AFMETINGEN EN GEWICHT / GRAFIEK

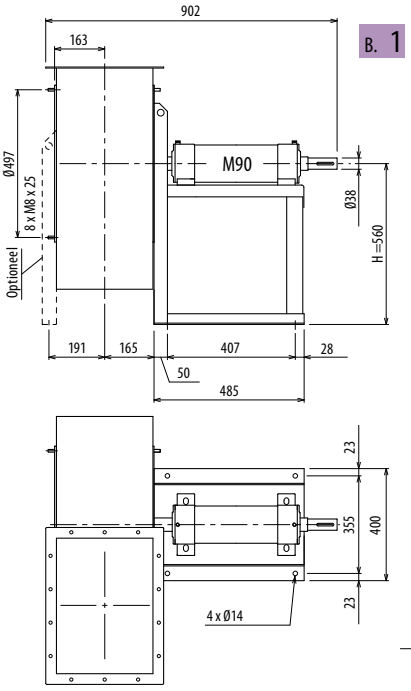
DRH450

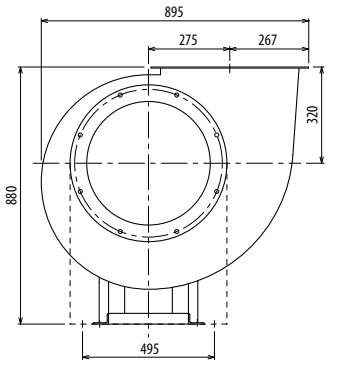
DIMENSIONS D'ENCOMBREMENT ET POIDS/COURBES DE FONCTIONNEMENT · OVERALL DIMENSIONS AND WEIGHT/WORKING CURVES
AUSMAßE UND GEWICHTE/FUNKTIONSKURVEN · DIMENSIONES QUE OCUPA Y PESOS/CURVAS DE FUNCIONAMIENTO

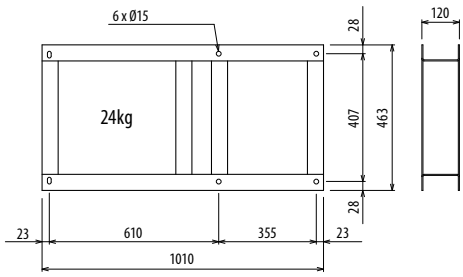
B. 4



B. 1





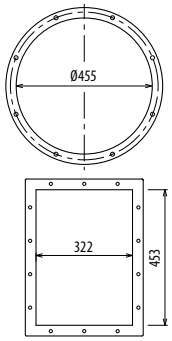


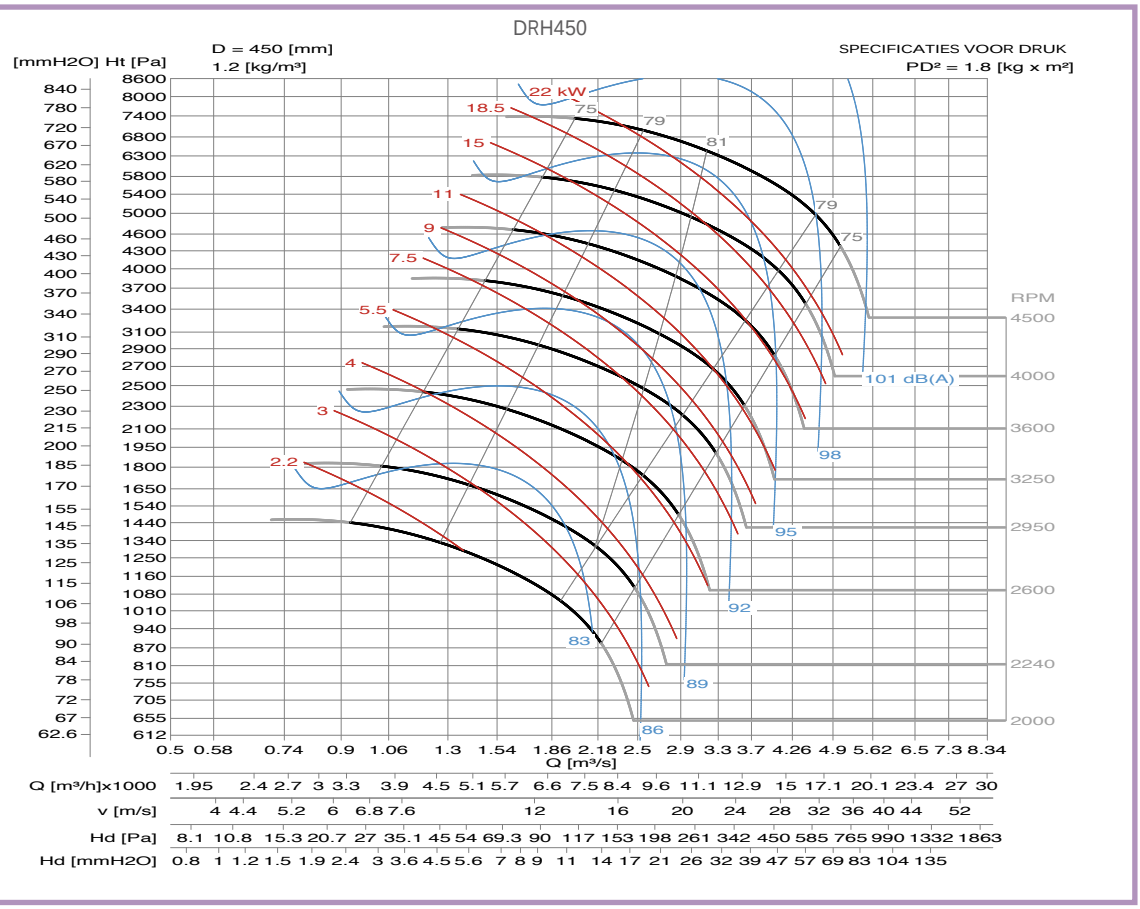
De ventilator is verstelbaar • Gewicht in tabel inclusief motor.

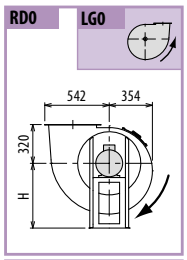
- Le ventilateur est orientable — Le poids dans le tableau inclut le moteur
- The fan is revolvable — The weight indicated in the table includes motor
- Der Ventilator ist drehbar — Das Gewicht im Tafel schließt den Motor ein
- El ventilador es orientable — El peso en la tabla incluye el motor

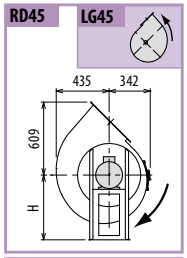
Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

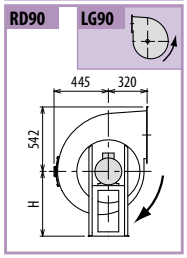
TYPE VENTILATOR Fan	TYPE MOTOR Motor	GEWICHT Weight Kg	Kgf x m²	B	I	H	H1	H2	J	K	M	Q	R	Ø
DRH450/2R	132 SB2	124	1	739	237	560	320	560	337	372	336	40	59	12
DRH450/2	132 SB2	127	1,8	739	237	560	320	560	337	372	336	40	59	12
DRH450/2	160 MA2	161	1,8	844	337	560	320	560	395	440	436	50	49	14
DRH450/T		105	1,8			560	320	560						

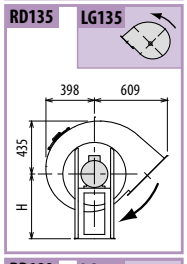


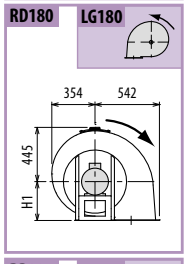


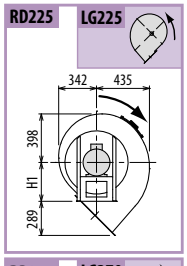


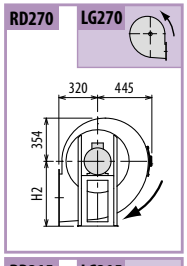


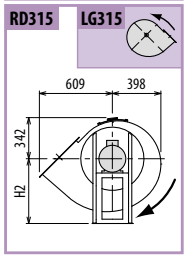










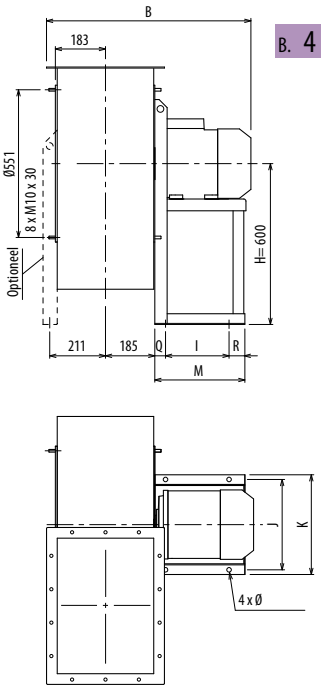


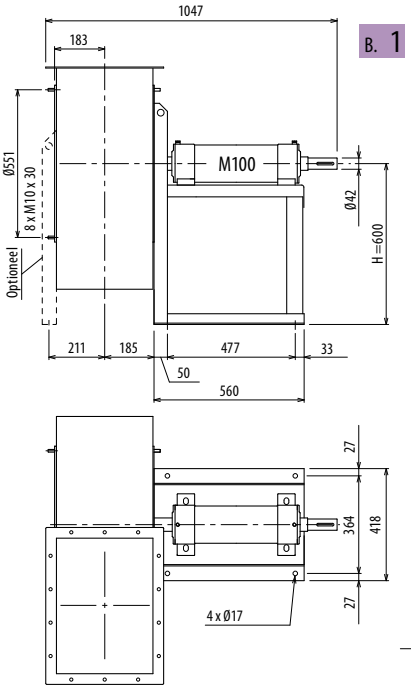
DRH

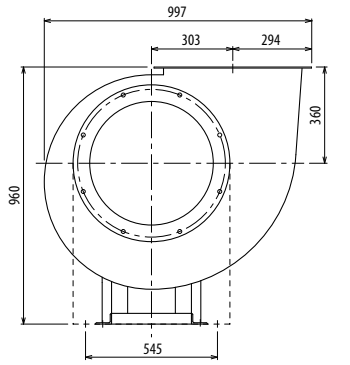
DRH500

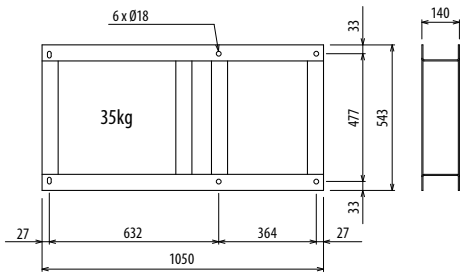
AFMETINGEN EN GEWICHT / GRAFIEK

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







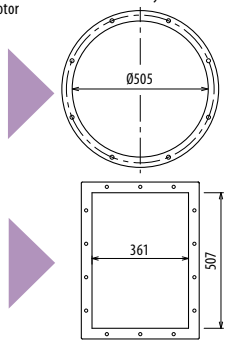


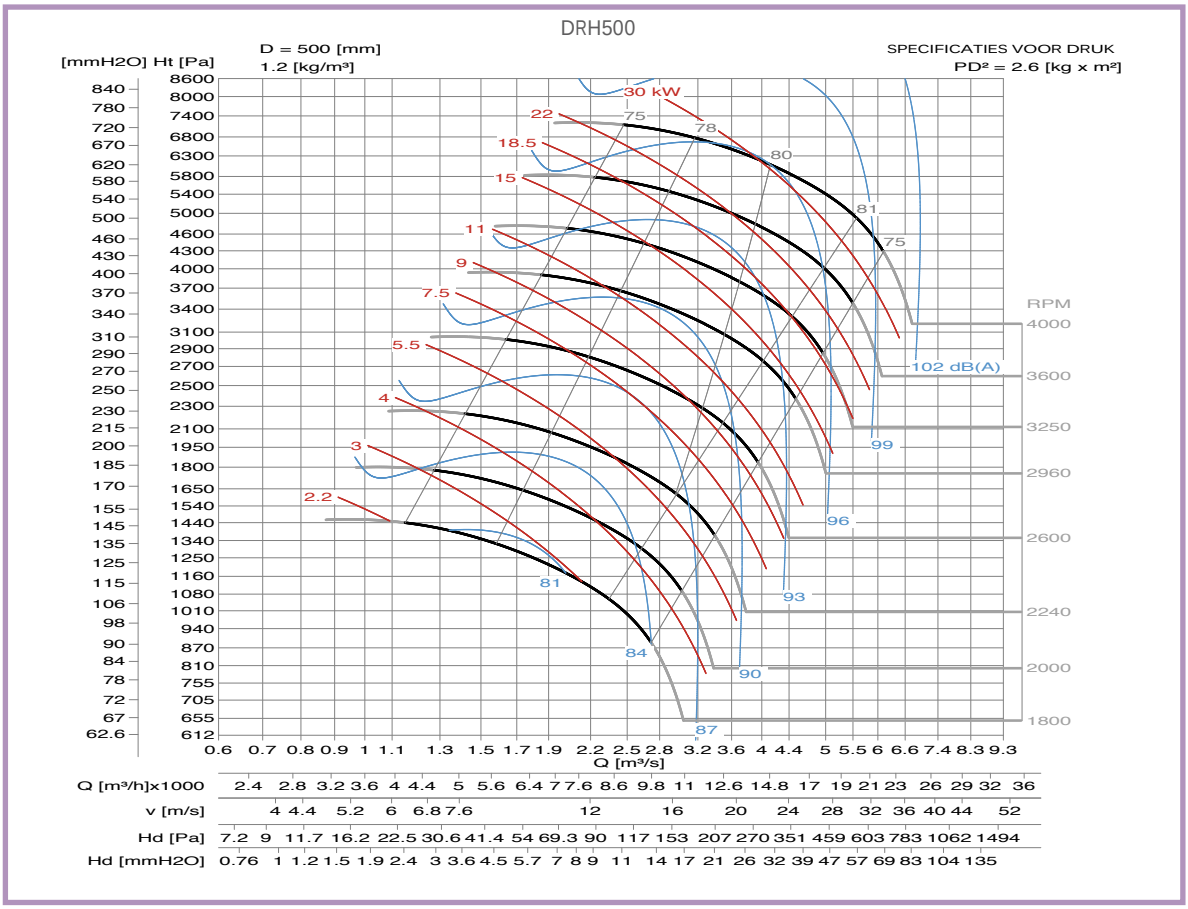
De ventilator is verstelbaar • Gewicht in tabel inclusief motor.

- 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 im Tafel schließt den Motor ein
- El ventilador es orientable — El peso en la tabla incluye el motor

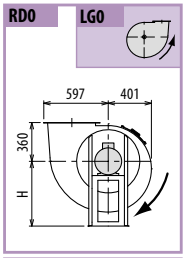
Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

TYPE VENTILATOR Fan	MOTOR Motor	GEWICHT Weight Kg	Kgf x m²	B	I	H	H1	H2	J	K	M	Q	R	Ø
DRH500/2R	160 MA2	187	2,3	884	337	600	360	600	395	440	436	50	49	14
DRH500/2	160 MB2	199	2,6	884	337	600	360	600	395	440	436	50	49	14
DRH500/T		145	2,6			600	360	600						

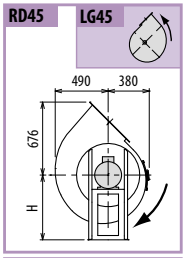




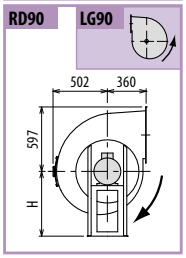
RD0 LG0



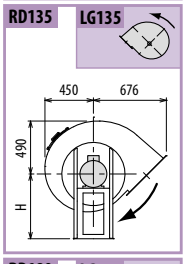
RD45 LG45



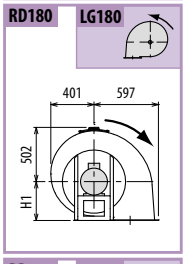
RD90 LG90



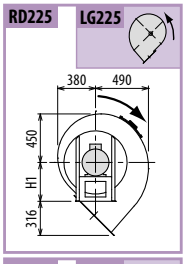
RD135 LG135



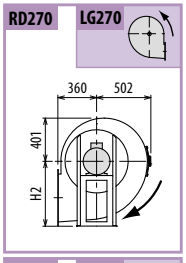
RD180 LG180



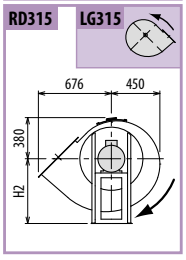
RD225 LG225



RD270 LG270



RD315 LG315

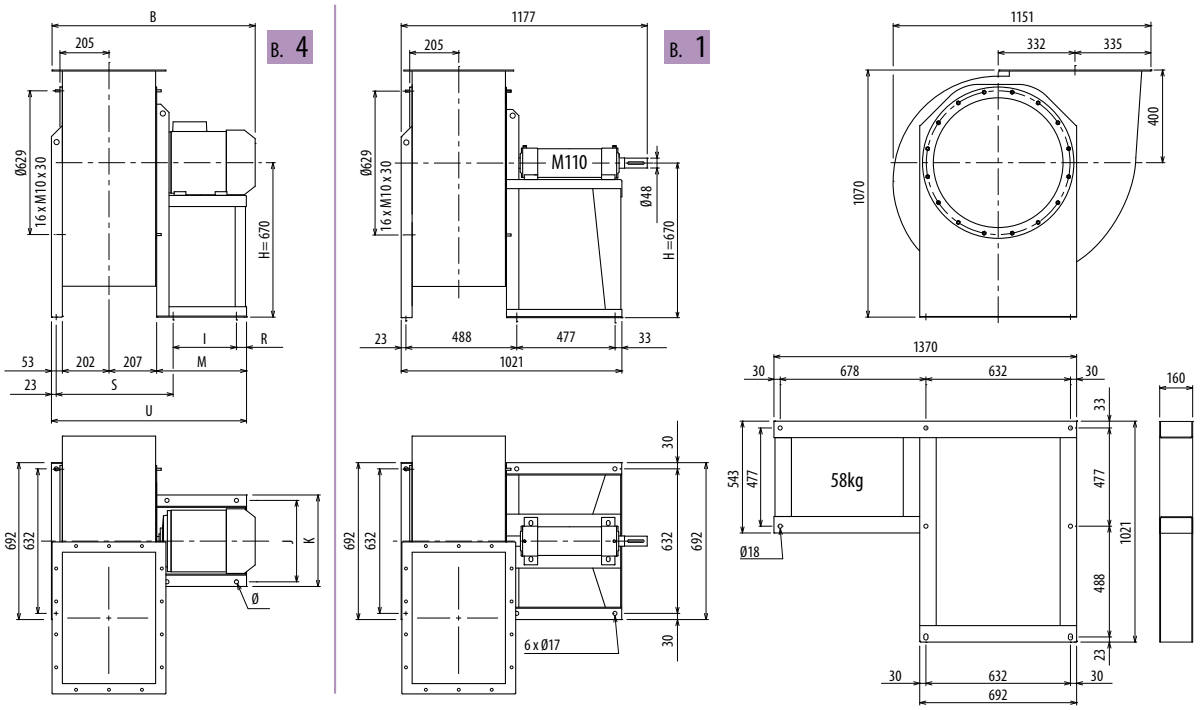


DRH

AFMETINGEN EN GEWICHT / GRAFIEK

DRH560

■ 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



De ventilator is verstelbaar • Gewicht in tabel inclusief motor.

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

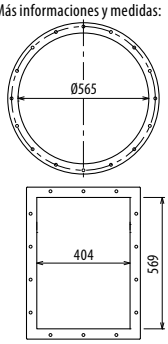
■ The fan is revolvable
The weight indicated in the table includes motor

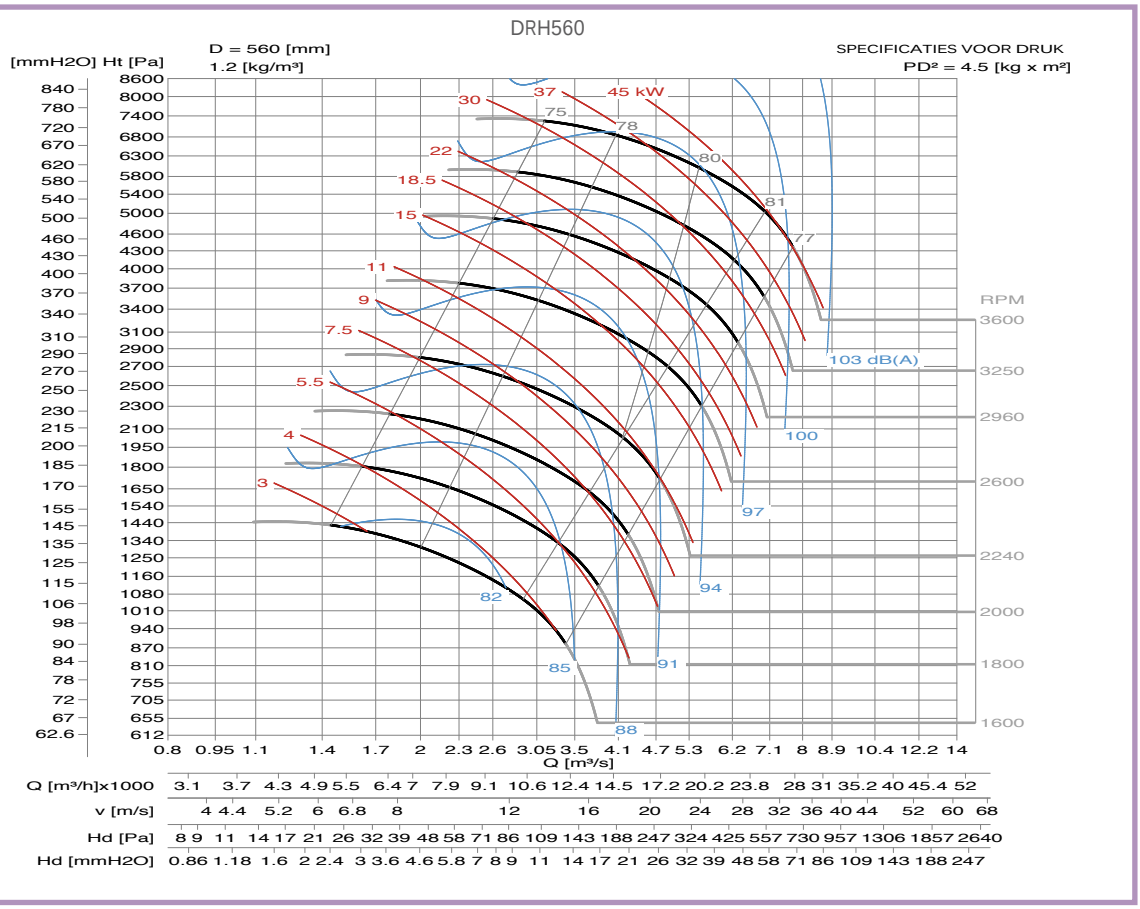
■ Der Ventilator ist drehbar
Das Gewicht im Tafel schließt den Motor ein

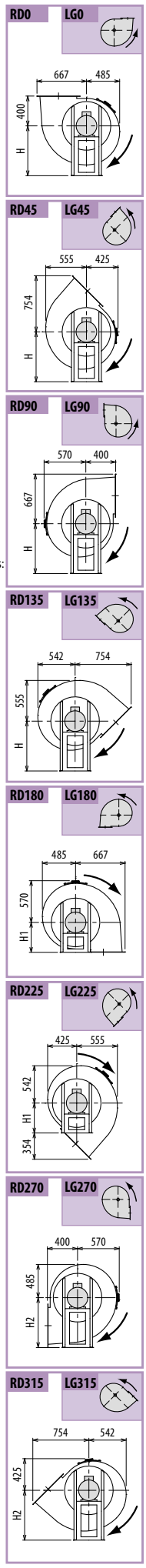
■ El ventilador es orientable
El peso en la tabla incluye el motor

Nadere informatie en maten.
■ Ultérieures informations et cotes:
■ Further information and sizes:
■ Weitere Infos und Größen:
■ Más informaciones y medidas:

TYPE		GEWICHT Weight	Kgf x m²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATOR Fan	MOTOR Motor	Kg													
DRH560/2R	160 L2	220	3,6	939	337	670	400	670	395	440	435	49	488	897	14
DRH560/2R	180 M2	273	3,6	1021	357	670	400	670	434	488	460	33	509	922	17
DRH560/2	180 M2	275	4,5	1021	357	670	400	670	434	488	460	33	509	922	17
DRH560/2	200 LA2	353	4,5	1129	381	670	400	670	506	568	500	39	519	962	19
DRH560/T		196	4,5			670	400	670							





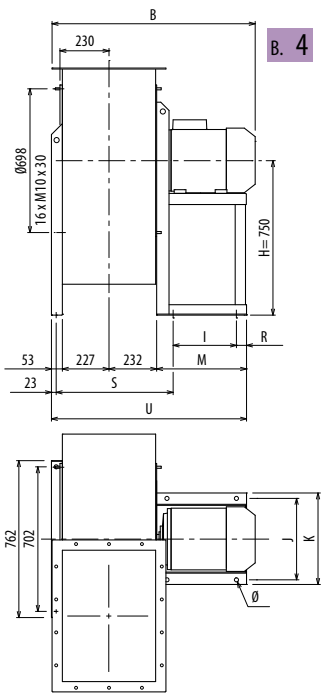


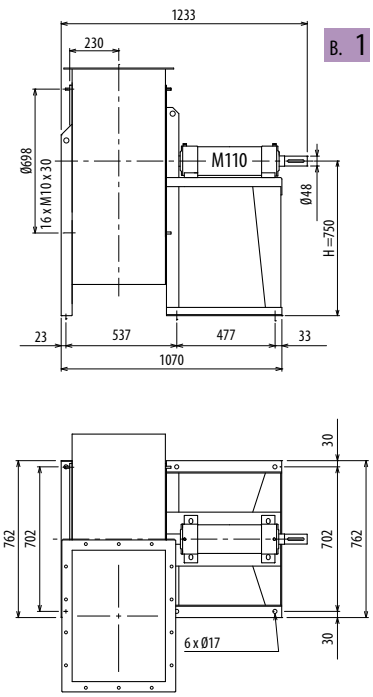
DRH

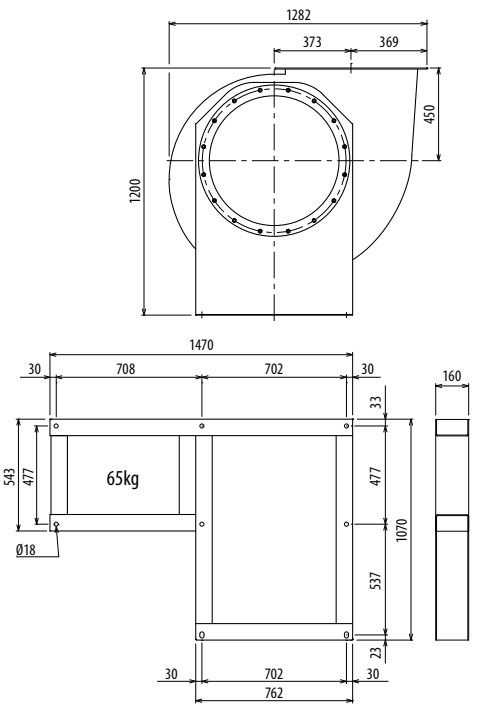
DRH630

AFMETINGEN EN GEWICHT / GRAFIEK

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







Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

De ventilator is verstelbaar • Gewicht in tabel inclusief motor.

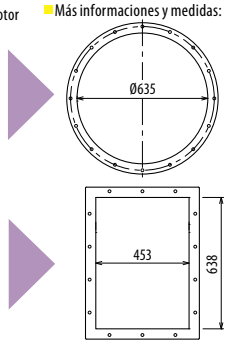
Le ventilateur est orientable
Le poids dans le tableau inclut le moteur

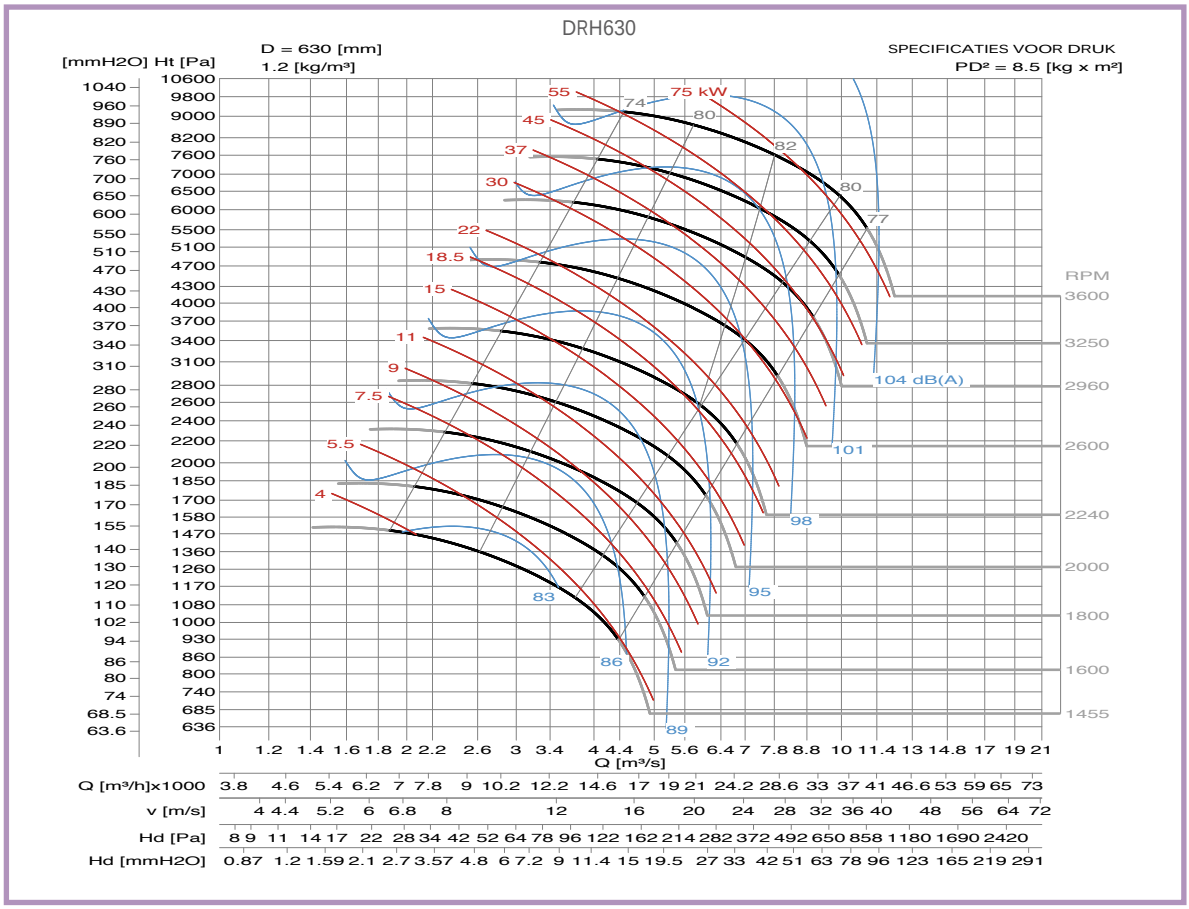
The fan is revolvable
The weight indicated in the table includes motor

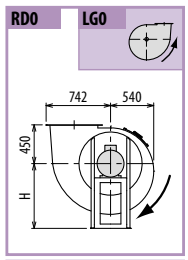
Der Ventilator ist drehbar
Das Gewicht im Tafel schließt den Motor ein

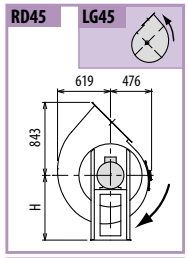
El ventilador es orientable
El peso en la tabla incluye el motor

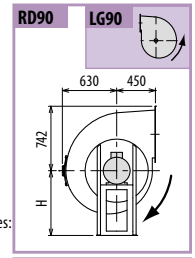
TYPE		GEWICHT Weight	Kgf x m²	B	I	H	H1	H2	J	K	M	R	S	U	Ø
VENTILATOR Fan	MOTOR Motor	Kg													
DRH630/2R	200 LA2	387	7,4	1179	381	750	450	750	506	568	500	39	568	1011	19
DRH630/2R	200 LB2	387	7,4	1179	381	750	450	750	506	568	500	39	568	1011	19
DRH630/2	200 LB2	389	8,5	1179	381	750	450	750	506	568	500	39	568	1011	19
DRH630/2	225 M2	471	8,5	1221	421	750	450	750	556	616	540	39	568	1051	19
DRH630/4R	112 M4	180	7	845	197	750	450	750	289	324	275	49	517	786	12
DRH630/4	132 S4	202	6,8	885	237	750	450	750	337	372	335	59	527	846	12
DRH630/T		239	8,5			750	450	750							

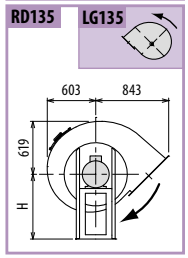


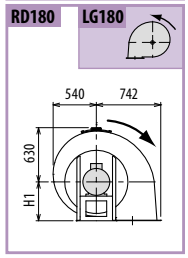


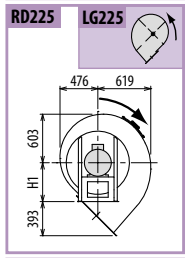


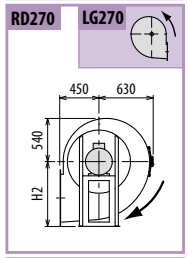


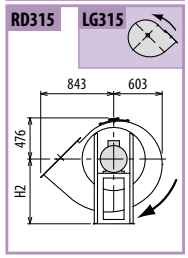




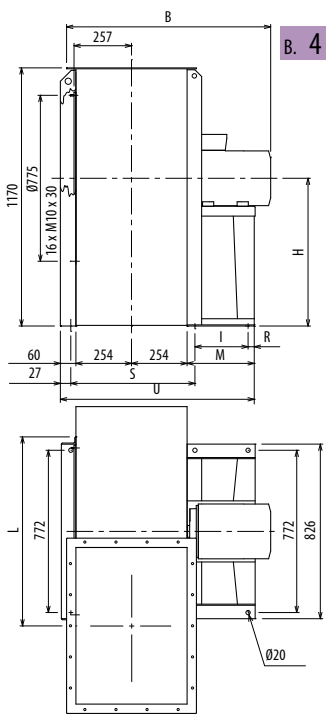


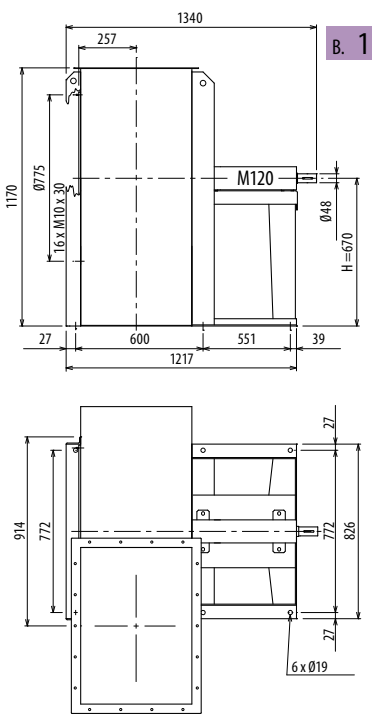


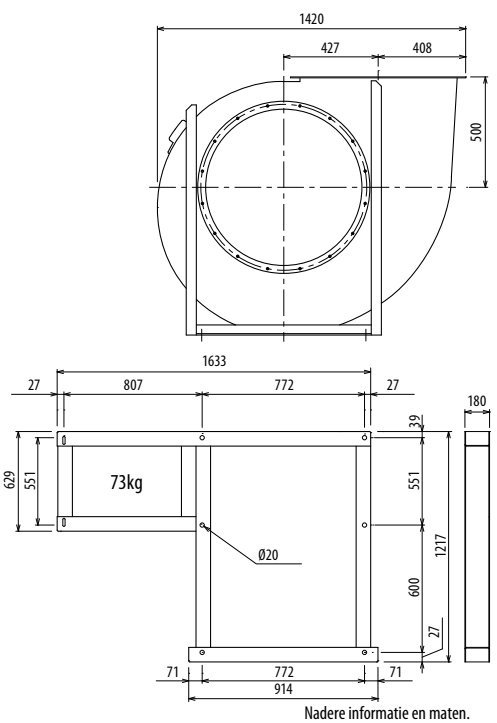




DRH





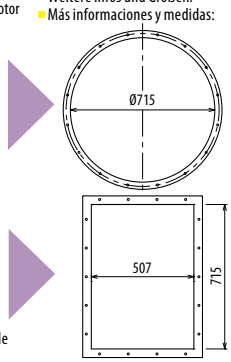


De ventilator is niet verstelbaar • Gewicht in tabel inclusief motor.

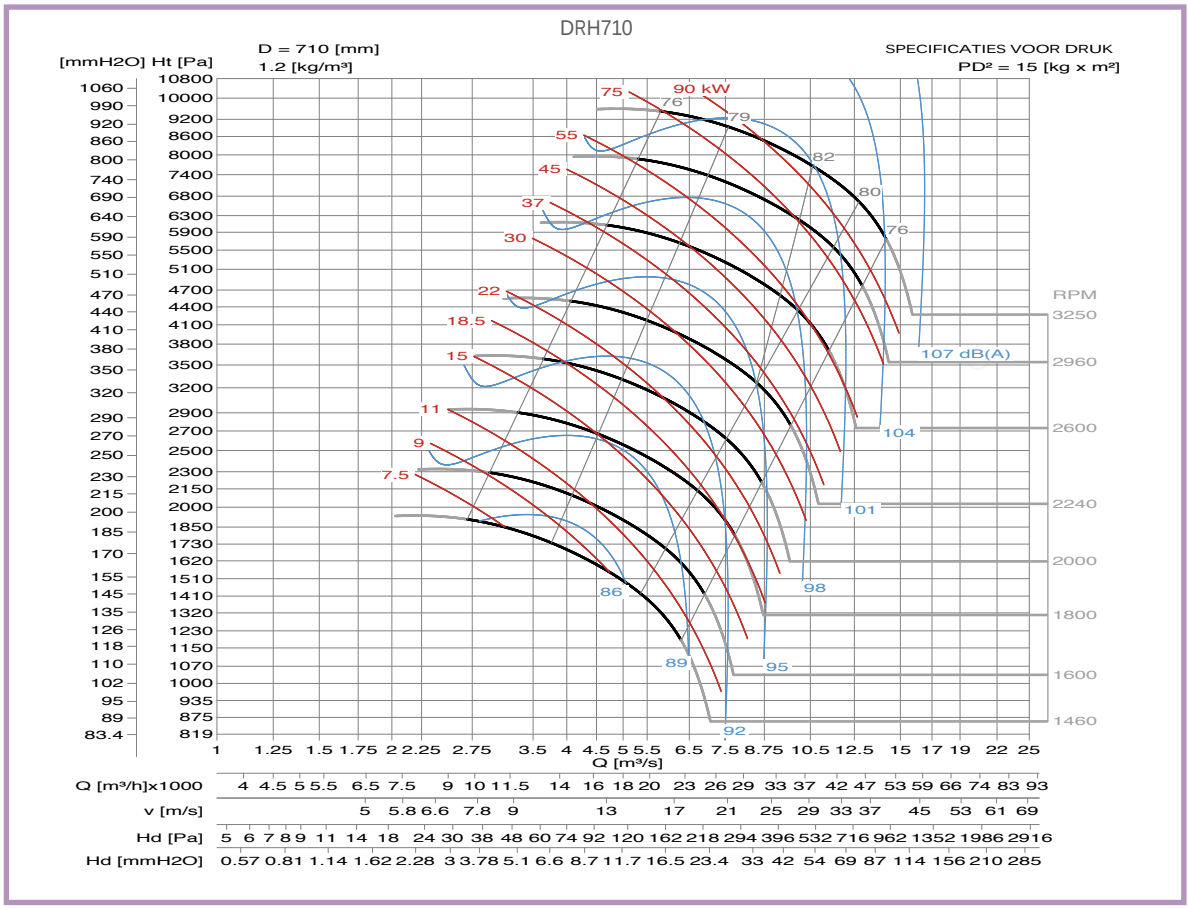
- Le ventilateur n'est pas orientable — Le poids dans le tableau inclut le moteur
- The fan is not revolvable — The weight indicated in the table includes motor
- Der Ventilator ist nicht drehbar — Das Gewicht im Tafel schließt den Motor ein
- El ventilador no es orientable — El peso en la tabla incluye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

Nadere informatie en maten.
- Ultérieures informations et cotes:
- Further information and sizes:
- Weitere Infos und Größen:
- Más informaciones y medidas:

TYPE		GEWICHT													
VENTILATOR Fan	MOTOR Motor	Weight Kg	Kgf x m²	B	I	H	H1	H2	L	R	M	S	U		
DRH710/2R	250 M2	630	14	1384	501	670	500	850	832	39	600	606	1173		
DRH710/2R	280 S2	760	14	1387	591	670	500	850	832	39	690	606	1263		
DRH710/2	280 S2	762	15	1387	591	670	500	850	832	39	690	606	1263		
DRH710/2	280 M2	800	15	1387	591	670	500	850	832	39	690	606	1263		
DRH710/4R*	132 M4	286	14	940	201	850	500	850	832	75	336	606	909		
DRH710/4*	160 M4	315	15	1045	316	850	500	850	832	60	439	606	1009		
DRH710/T		360	15			670	500	850							



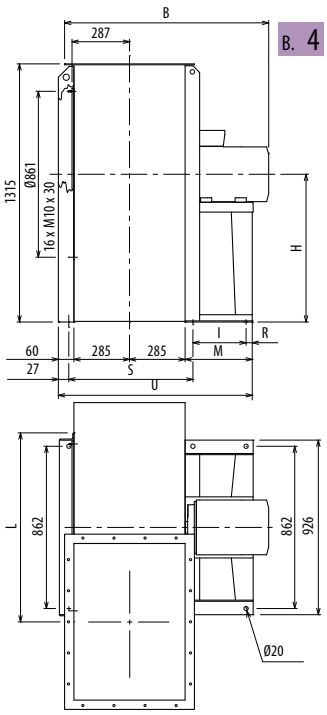
* Il ventilatore è orientabile · * Le ventilateur est orientable · * The fan is revolvable · * Der Ventilator ist drehbar · * El ventilador es orientable

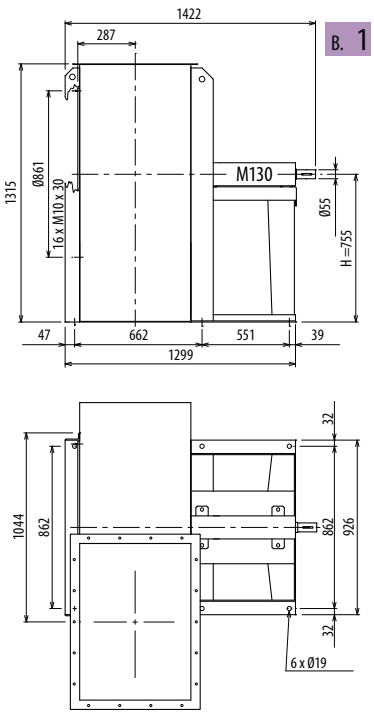


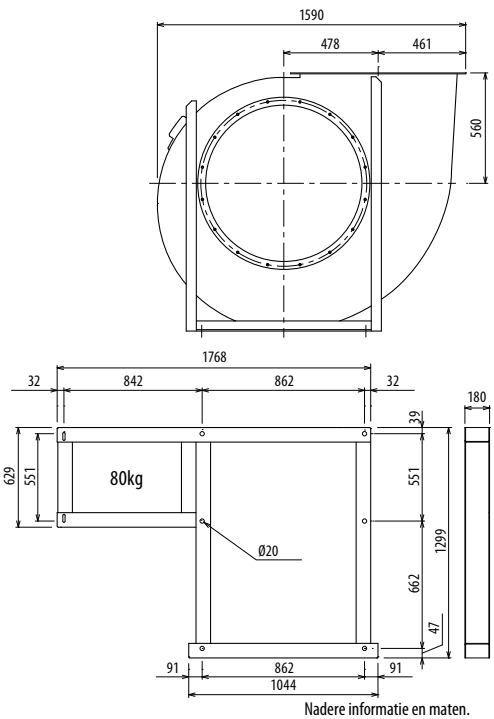
DRH800

AFMETINGEN EN GEWICHT / GRAFIEK

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







De ventilator is niet verstelbaar • Gewicht in tabel inclusief motor.

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

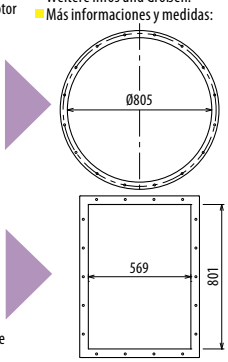
The fan is not revolvable
The weight indicated in the table includes motor

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

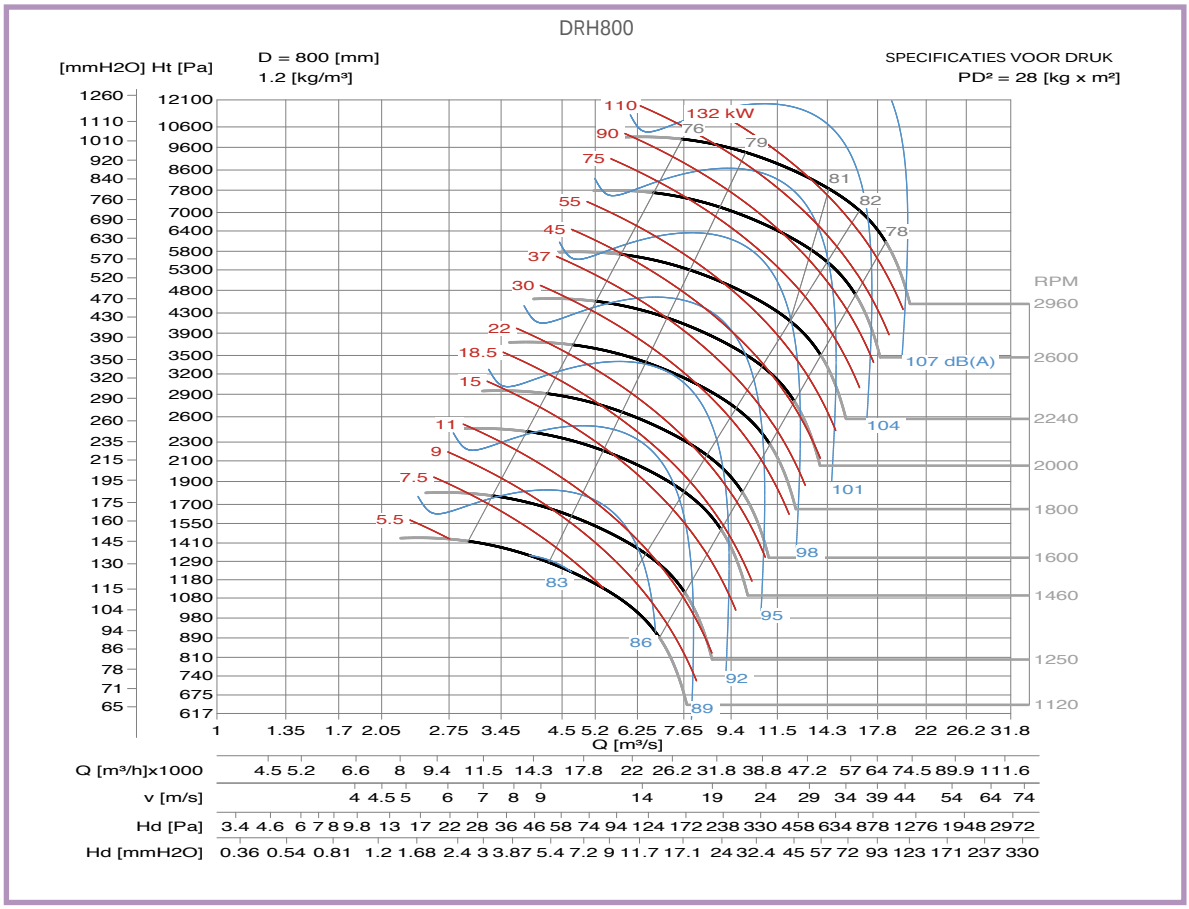
El ventilador no es orientable
El peso en la tabla incluye el motor

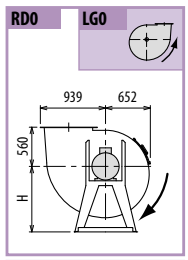
Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

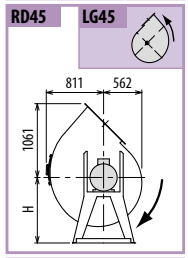
TYPE		GEWICHT													
VENTILATOR Fan	MOTOR Motor	Weight Kg	Kgf x m²	B	I	H	H1	H2	L	R	M	S	U		
DRH800/2R	315 S2	1047	27	1561	675	755	560	950	932	65	800	668	1435		
DRH800/2R	315 M2	1207	27	1661	675	755	560	950	932	65	800	668	1435		
DRH800/2	315 M2	1209	28	1661	675	755	560	950	932	65	800	668	1435		
DRH800/2	315 LA2	1259	28	1721	675	755	560	950	932	65	800	668	1435		
DRH800/4R*	160 L4	409	27	1107	316	950	560	950	932	60	439	668	1071		
DRH800/4*	180 M4	465	28	1188	361	950	560	950	932	39	460	668	1095		
DRH800/T		442	28			755	560	950							

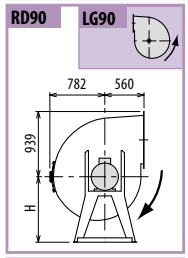


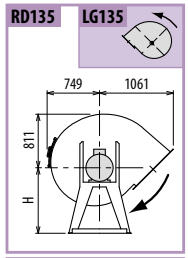
* Il ventilatore è orientabile
* Le ventilateur est orientable
* The fan is revolvable
* Der Ventilator ist drehbar
* El ventilador es orientable

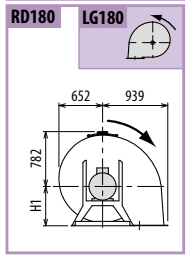


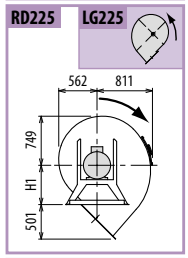


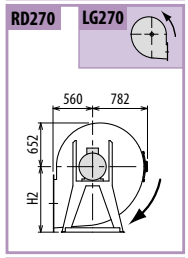


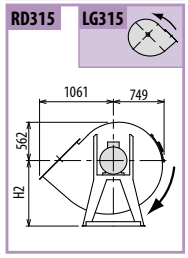


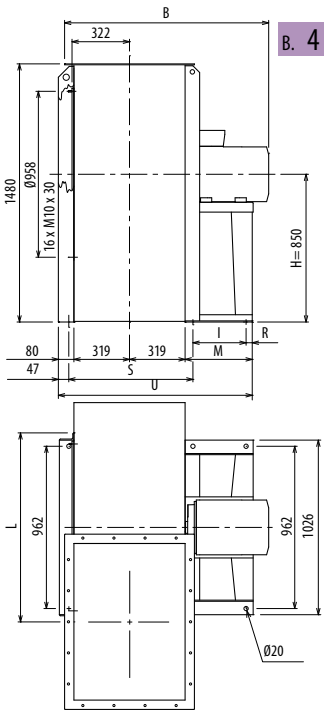


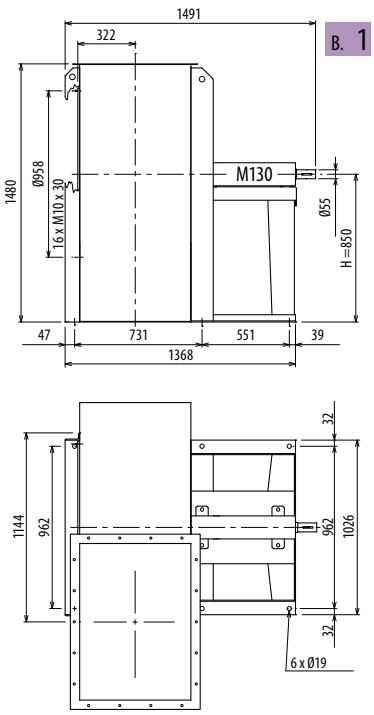


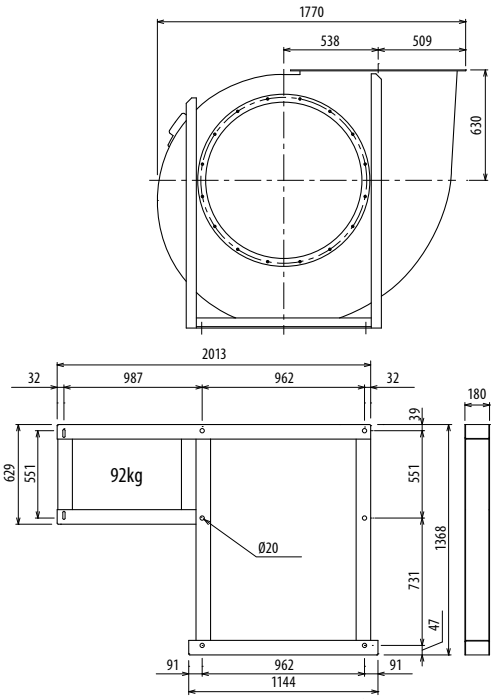










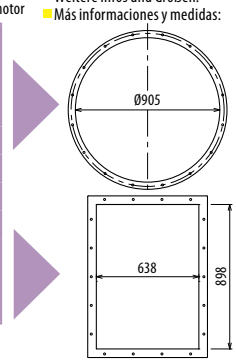


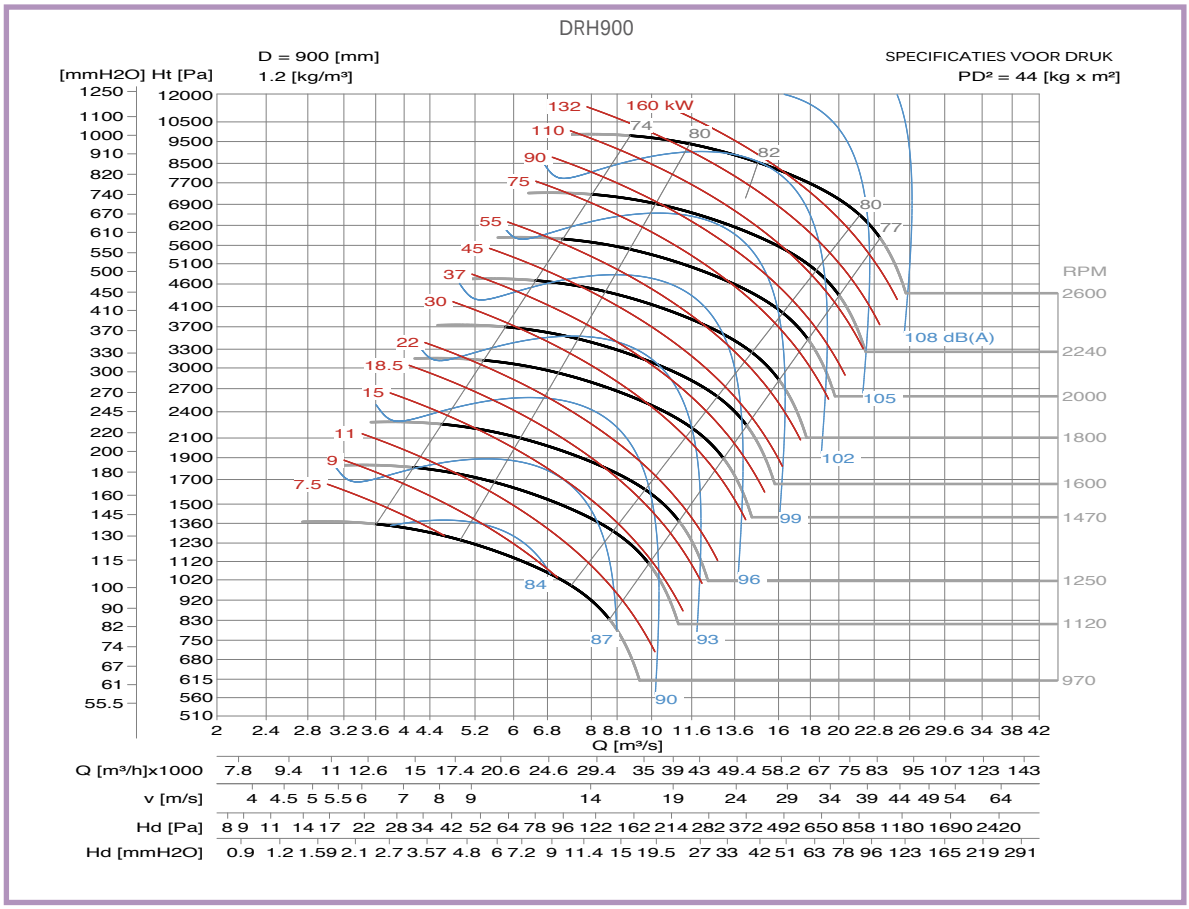
De ventilator is niet verstelbaar • Gewicht in tabel inclusief motor.

- 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

Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

TYPE		GEWICHT													
VENTILATOR Fan	MOTOR Motor	Weight Kg	Kgf x m²	B	I	H	H1	H2	L	R	M	S	U		
DRH900/4R	200 L4	790	39	1385	401	850	630	1060	1145	39	500	731	1218		
DRH900/4	225 S4	840	44	1367	441	850	630	1060	1145	39	540	731	1258		
DRH900/6R	160 M6	544	39	1196	316	850	630	1060	1145	60	436	731	1154		
DRH900/6	160 L6	556	44	1196	316	850	630	1060	1145	60	436	731	1154		
DRH900/T		570	44			850	630	1060							

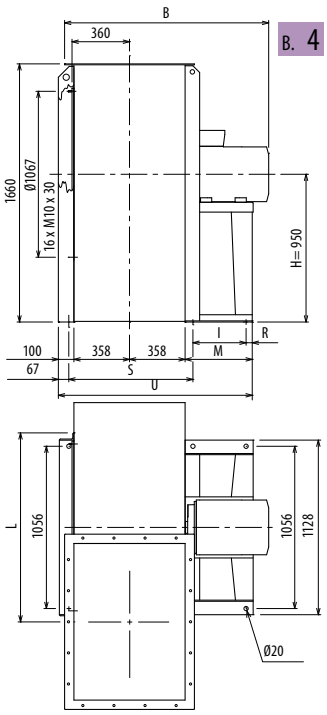


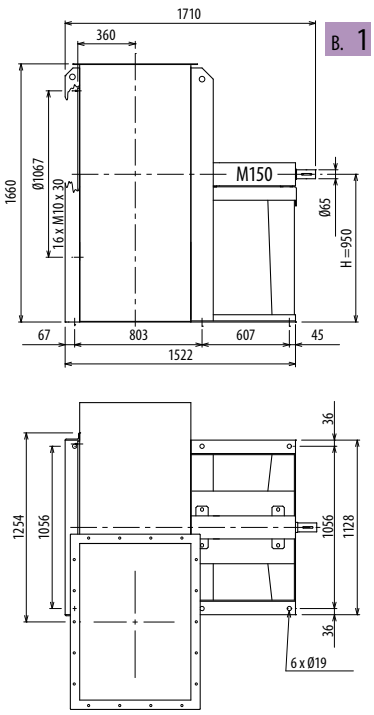


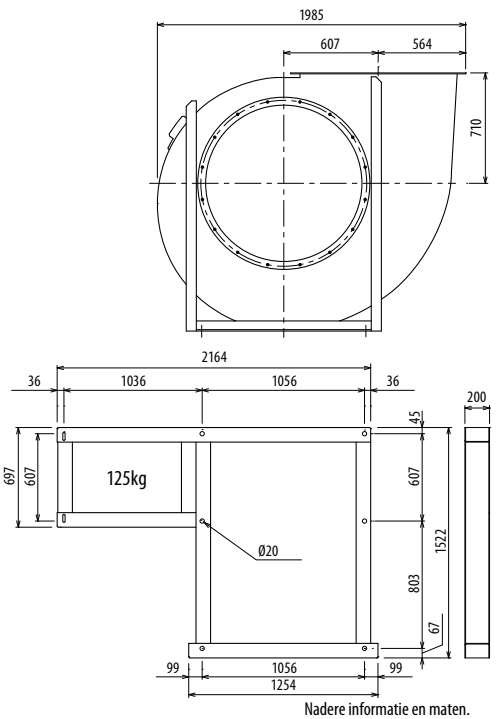
DRH1000

AFMETINGEN EN GEWICHT / GRAFIEK

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





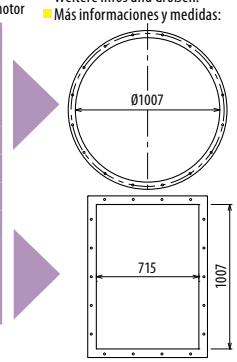


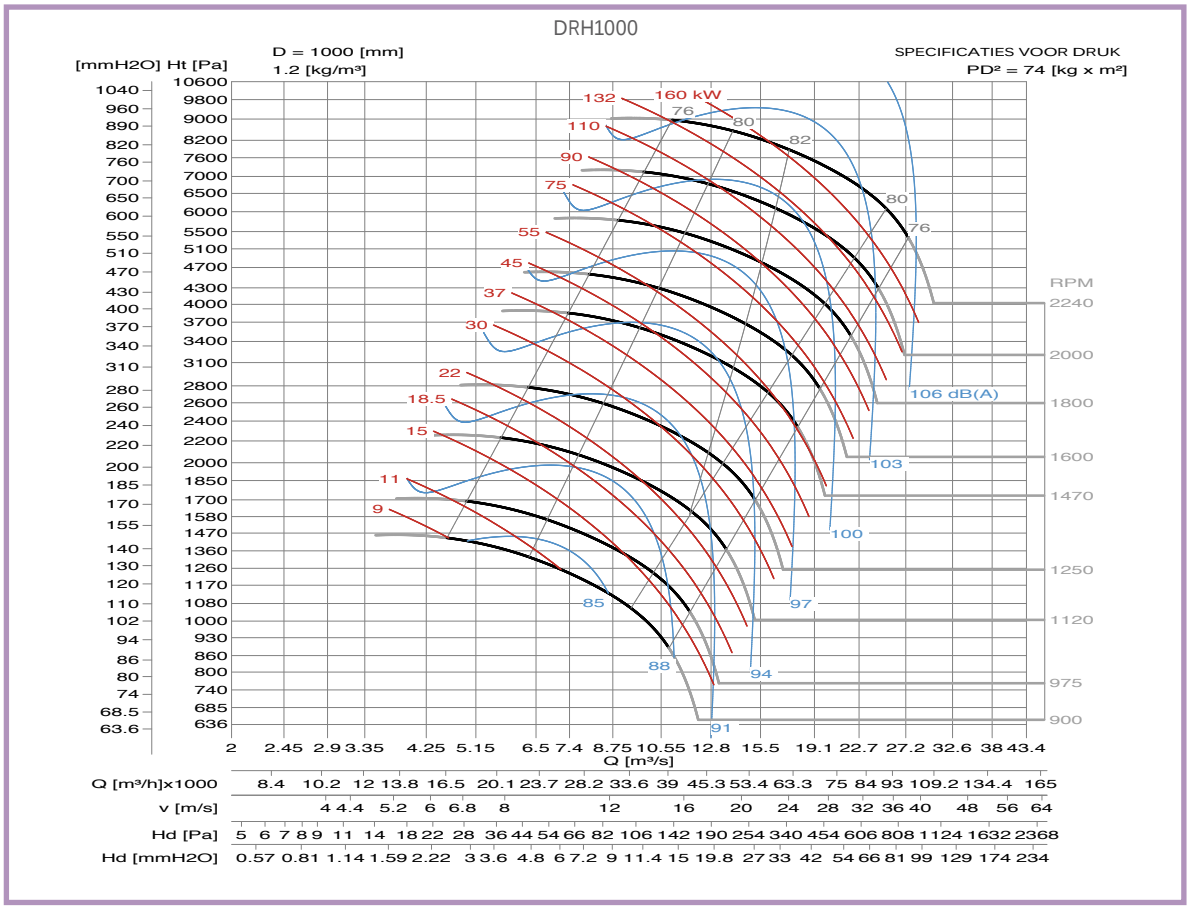
De ventilator is niet verstelbaar • Gewicht in tabel inclusief motor.

- 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

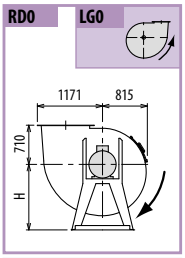
Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

TYPE VENTILATOR Fan	MOTOR Motor	GEWICHT Weight Kg	Kgf x m²	B	I	H	H1	H2	L	R	M	S	U		
DRH1000/4R	225 M4	1020	69	1464	440	950	710	1180	1255	45	540	803	1355		
DRH1000/4	250 M4	1105	74	1632	500	950	710	1180	1255	45	600	803	1415		
DRH1000/6R	180 L6	811	64	1374	360	950	710	1180	1255	45	460	803	1275		
DRH1000/6	200 LA6	885	69	1482	400	950	710	1180	1255	45	500	803	1315		
DRH1000/T		800	74			950	710	1180							

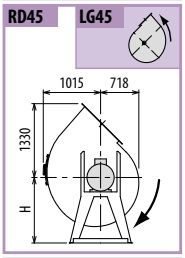




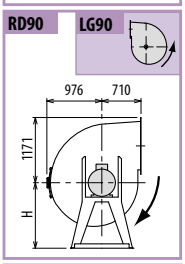
RD0 LG0



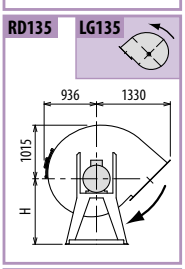
RD45 LG45



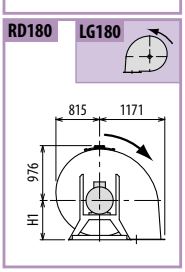
RD90 LG90



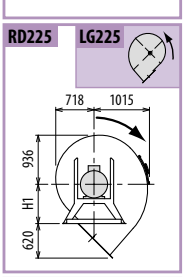
RD135 LG135



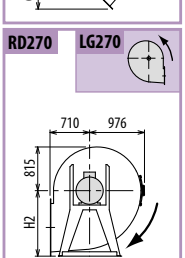
RD180 LG180



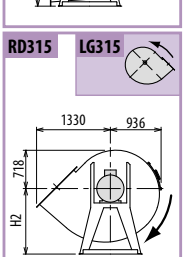
RD225 LG225



RD270 LG270

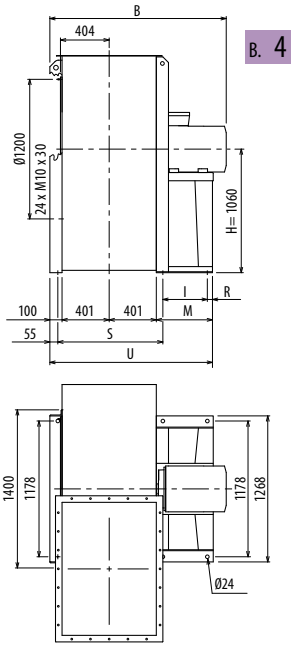


RD315 LG315

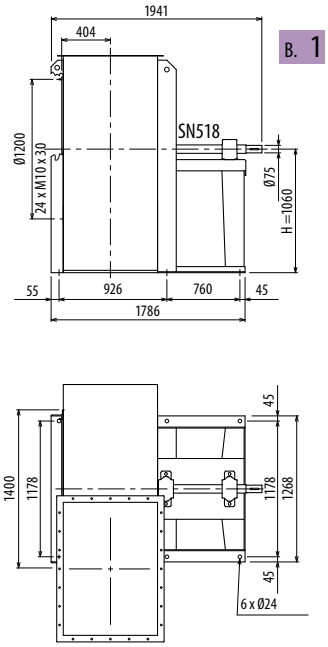


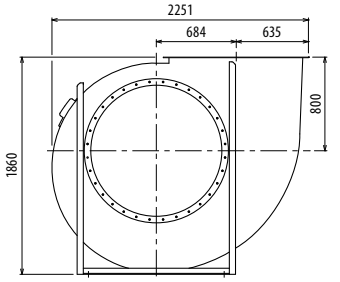
DRH

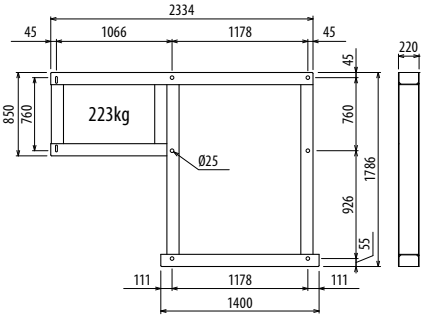
B. 4



B. 1





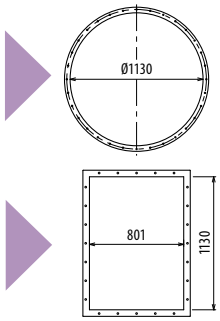


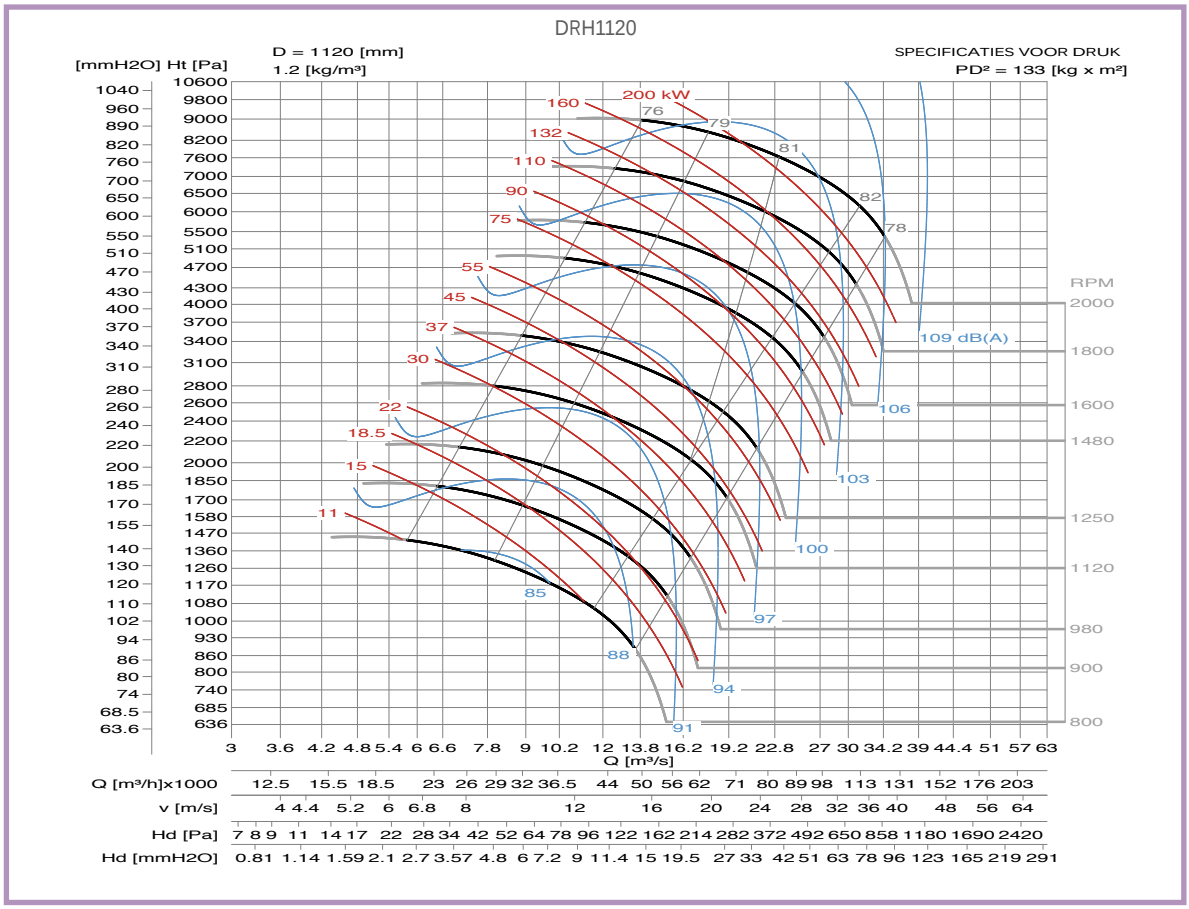
De ventilator is niet verstelbaar • Gewicht in tabel inclusief motor.

- 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

Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

TYPE		GEWICHT Weight		B	I	H	H1	H2	R	S	M	U
VENTILATOR Fan	MOTOR Motor	Kg	Kgf x m²									
DRH1120/4R	280 S4	1293	116	1722	565	1060	800	1320	45	926	690	1591
DRH1120/4	315 S4	1493	133	1934	675	1060	800	1320	45	926	800	1701
DRH1120/6R	200 LB6	998	113	1569	375	1060	800	1320	45	926	500	1401
DRH1120/6	225 M6	1153	130	1611	415	1060	800	1320	45	926	540	1441
DRH1120/T		1065	133			1060	800	1320				

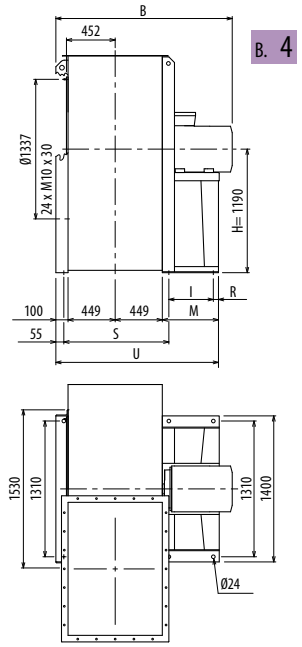


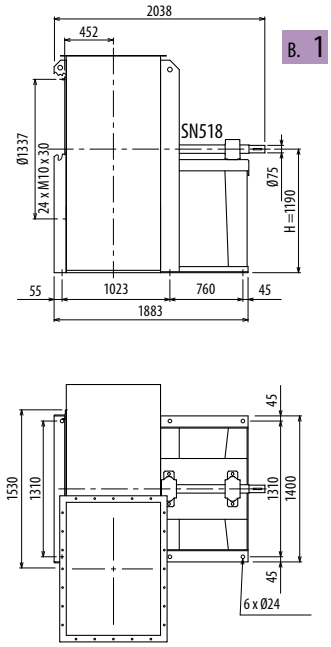


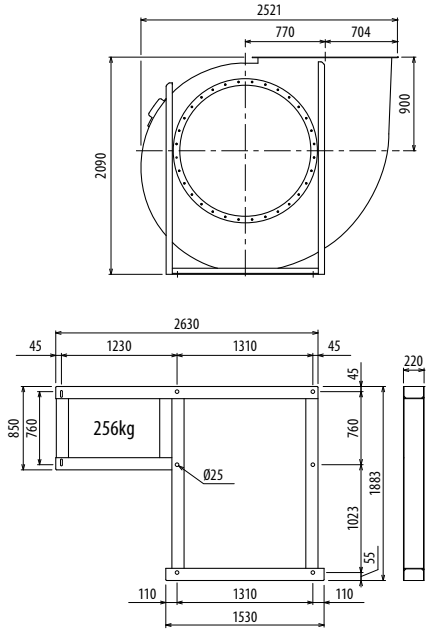
DRH1250

AFMETINGEN EN GEWICHT / GRAFIEK

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





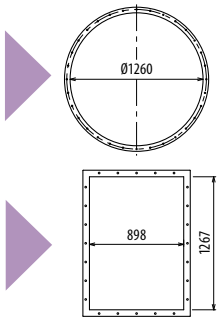


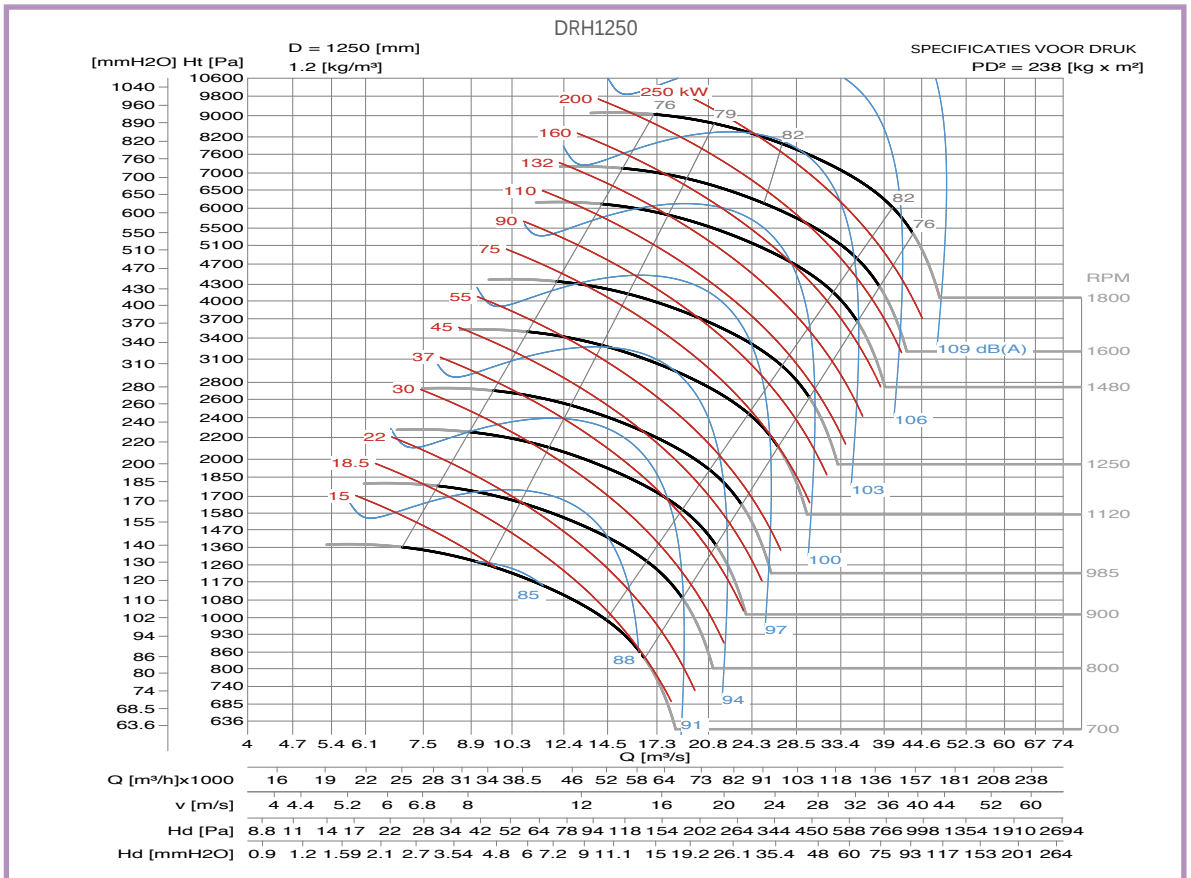
De ventilator is niet verstelbaar • Gewicht in tabel inclusief motor.

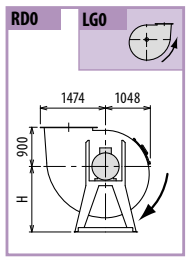
- Le ventilateur n'est pas orientable — Le poids dans le tableau inclut le moteur
- The fan is not revolvable — The weight indicated in the table includes motor
- Der Ventilator ist nicht drehbar — Das Gewicht im Tafel schließt den Motor ein
- El ventilador no es orientable — El peso en la tabla incluye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

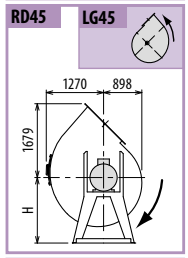
Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

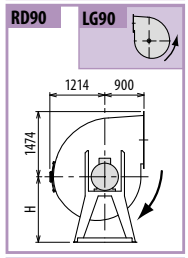
TYPE VENTILATOR Fan	MOTOR Motor	GEWICHT Weight Kg	Kgf x m²	B	I	H	H1	H2	R	S	M	U
DRH1250/4R	315 LA4	2110	209	2030	675	1190	900	1500	45	1023	800	1798
DRH1250/4	315 LB4	2315	238	2030	675	1190	900	1500	45	1023	800	1798
DRH1250/6R	280 S6	1699	209	1818	565	1190	900	1500	45	1023	690	1688
DRH1250/6	280 M6	1739	238	1818	565	1190	900	1500	45	1023	690	1688
DRH1250/T		1258	238			1190	900	1500				

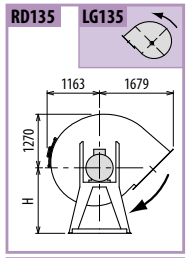


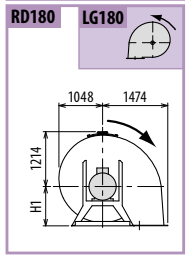


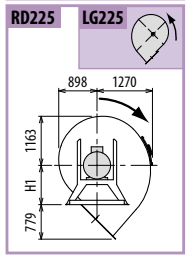


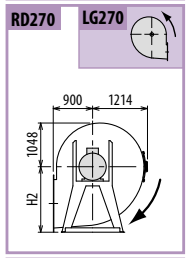


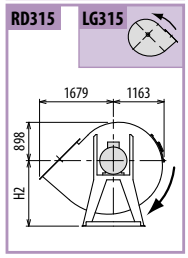


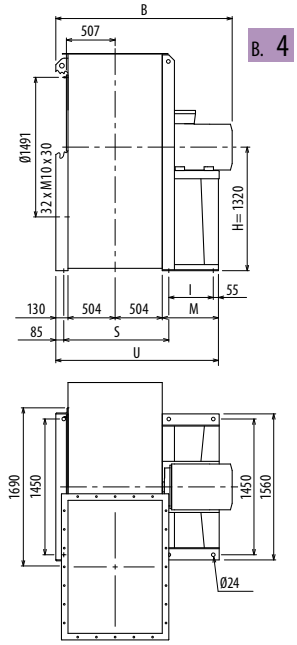


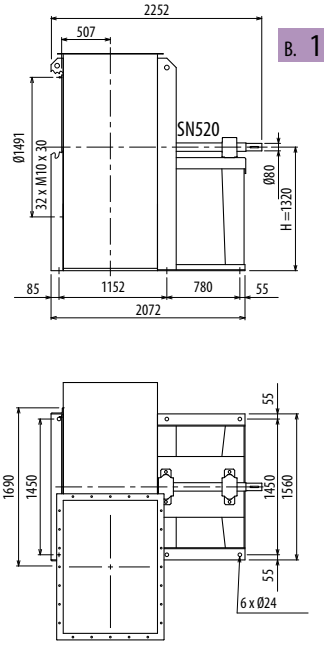


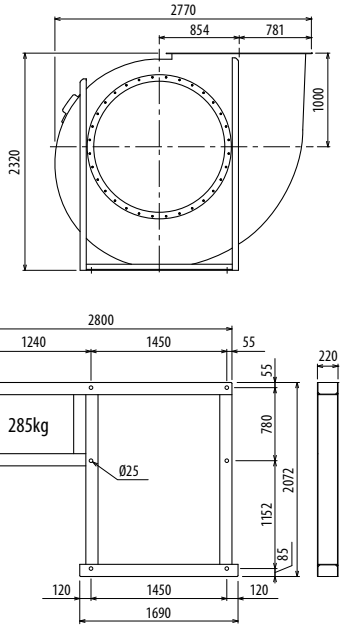










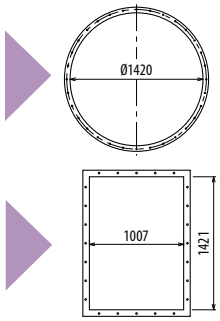


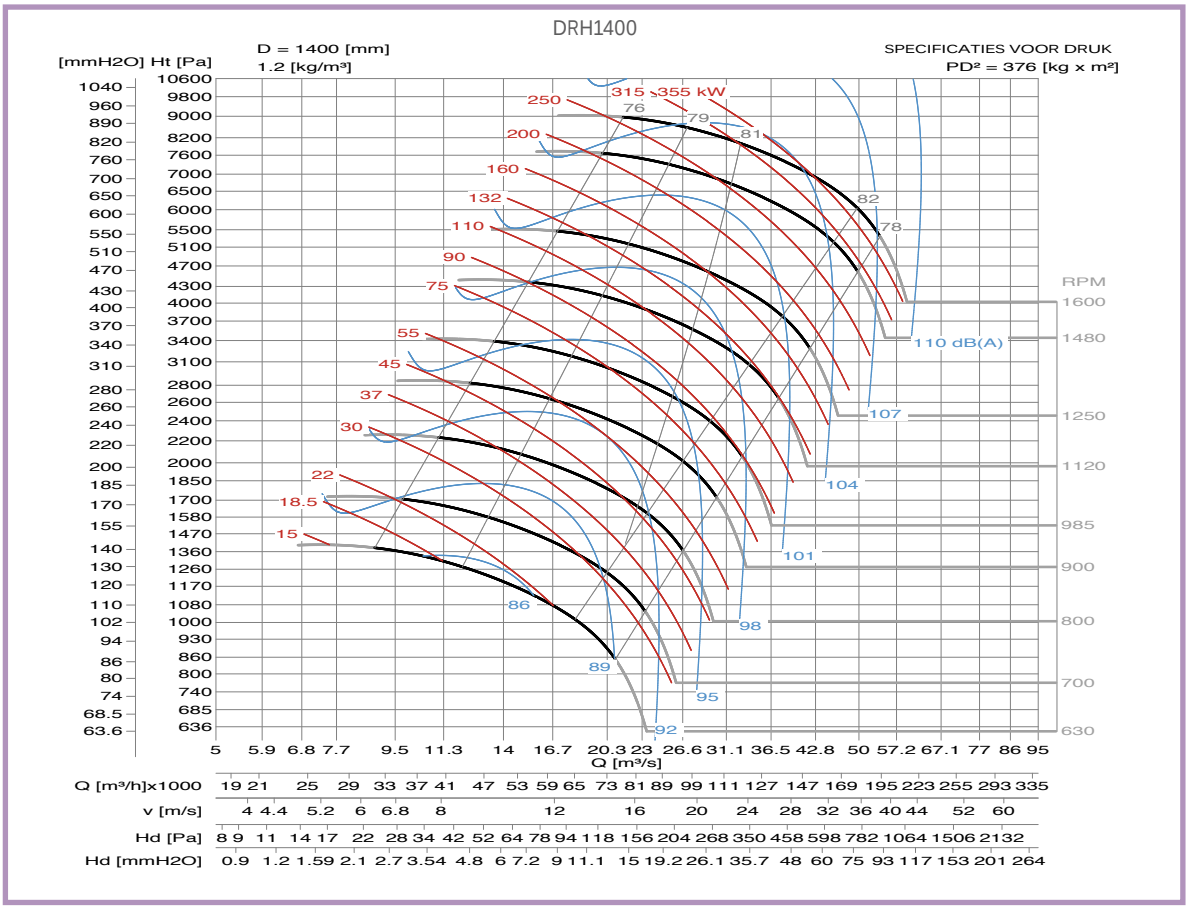
De ventilator is niet verstelbaar • Gewicht in tabel inclusief motor.

- 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

Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

TYPE		GEWICHT													
VENTILATOR Fan	MOTOR Motor	Weight Kg	Kgf x m²	B	I	H	H1	H2	H3	H4	M	S	U		
DRH1400/4R	315 A4	2772	359	2330	645	1320	1000	1700	1320	1700	800	1152	1937		
DRH1400/4	315 B4	2777	376	2330	645	1320	1000	1700	1320	1700	800	1152	1937		
DRH1400/6R	315 S6	2362	359	2330	645	1320	1000	1700	1320	1700	800	1152	1937		
DRH1400/6	315 M6	2527	376	2330	645	1320	1000	1700	1320	1700	800	1152	1937		
DRH1400/T		1712	376			1320	1000	1700	1120	1500					

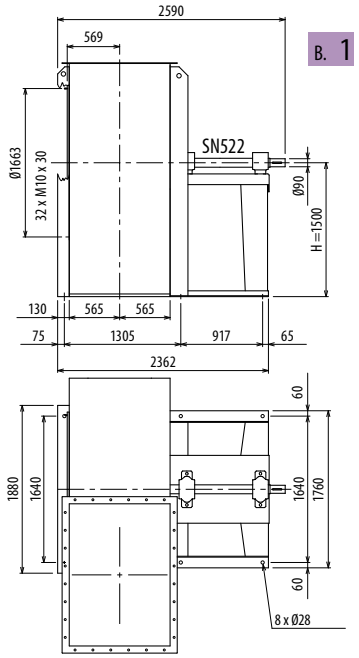


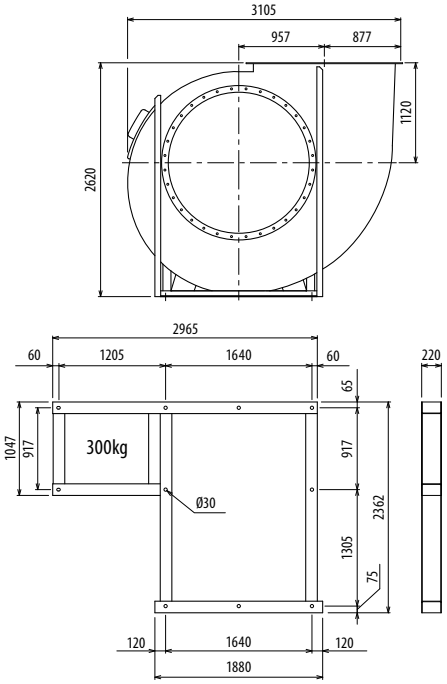


DRH1600

AFMETINGEN EN GEWICHT / GRAFIEK

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

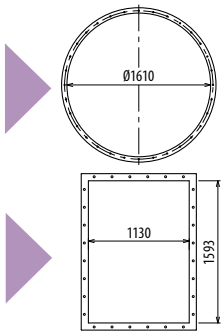


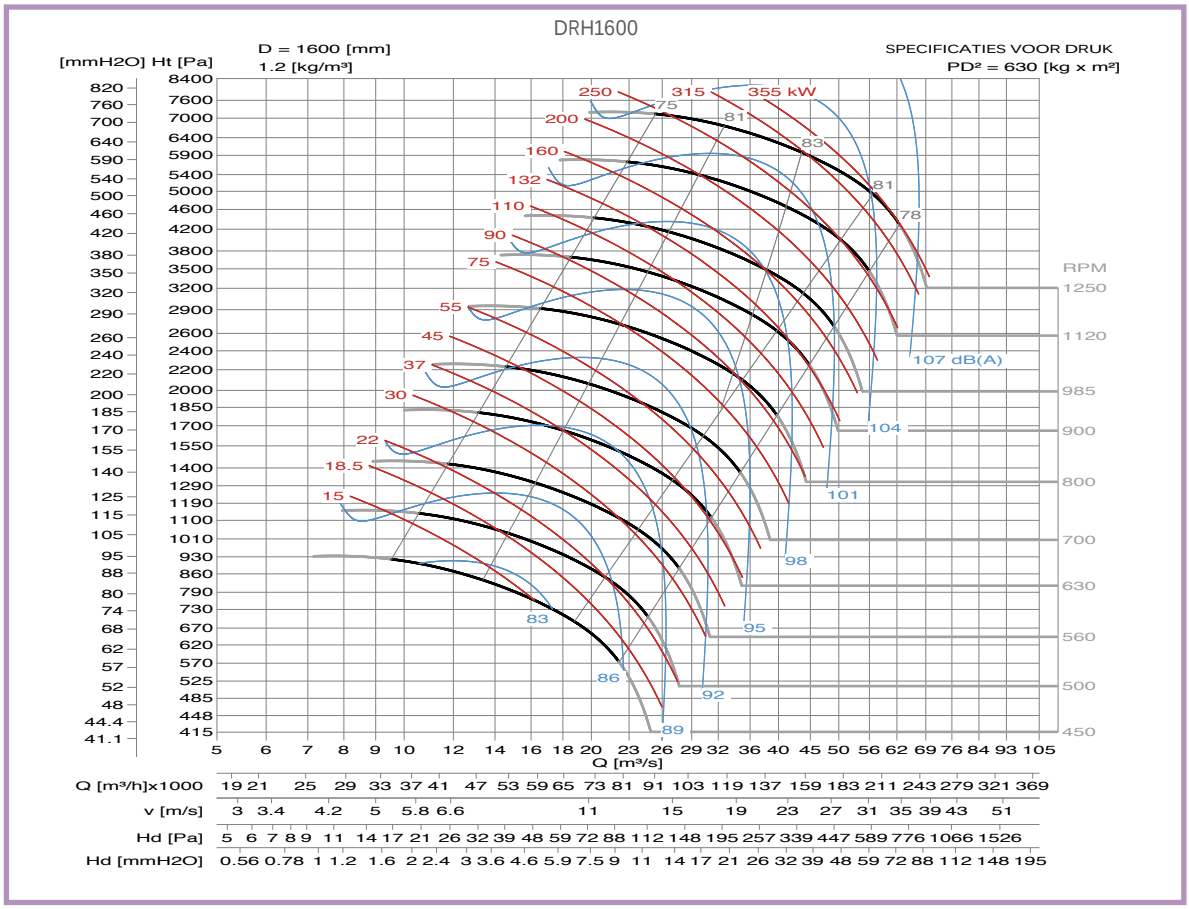


Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

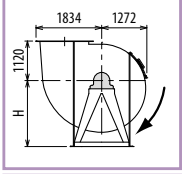
De ventilator is niet verstelbaar.
Le ventilateur n'est pas orientable · The fan is not revolvable · Der Ventilator ist nicht drehbar · El ventilador no es orientable

TYPE VENTILATOR Fan	TYPE MOTOR Motor	GEWICHT Weight Kg	Kgf x m²	B	I	H	H1	H2	H3	H4	M
DRH1600/T		2363	630			1500	1120	1900	1250	1600	

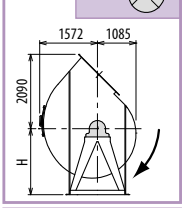




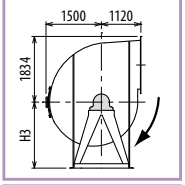
RD0 LG0



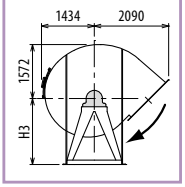
RD45 LG45



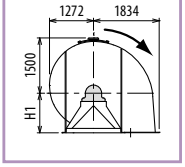
RD90 LG90



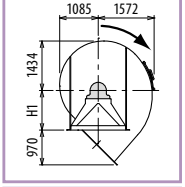
RD135 LG135



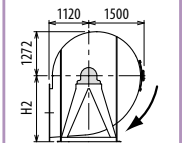
RD180 LG180



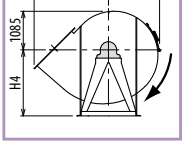
RD225 LG225

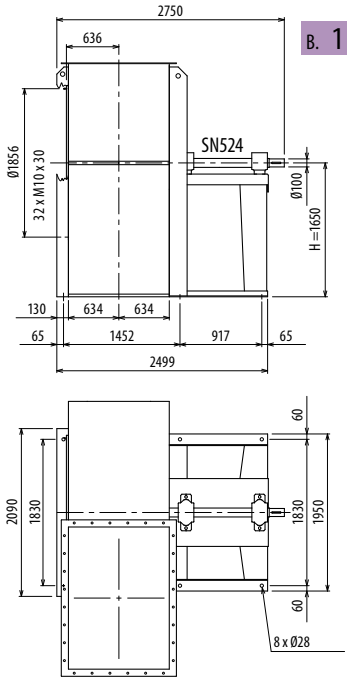


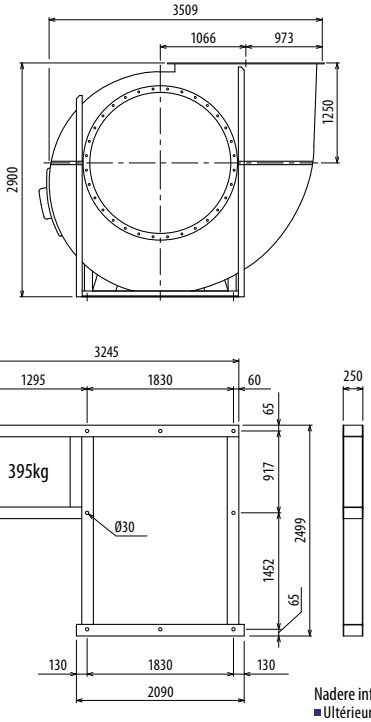
RD270 LG270



RD315 LG315



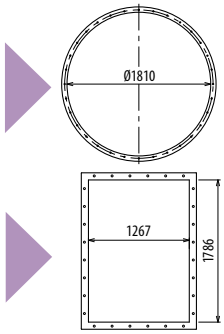


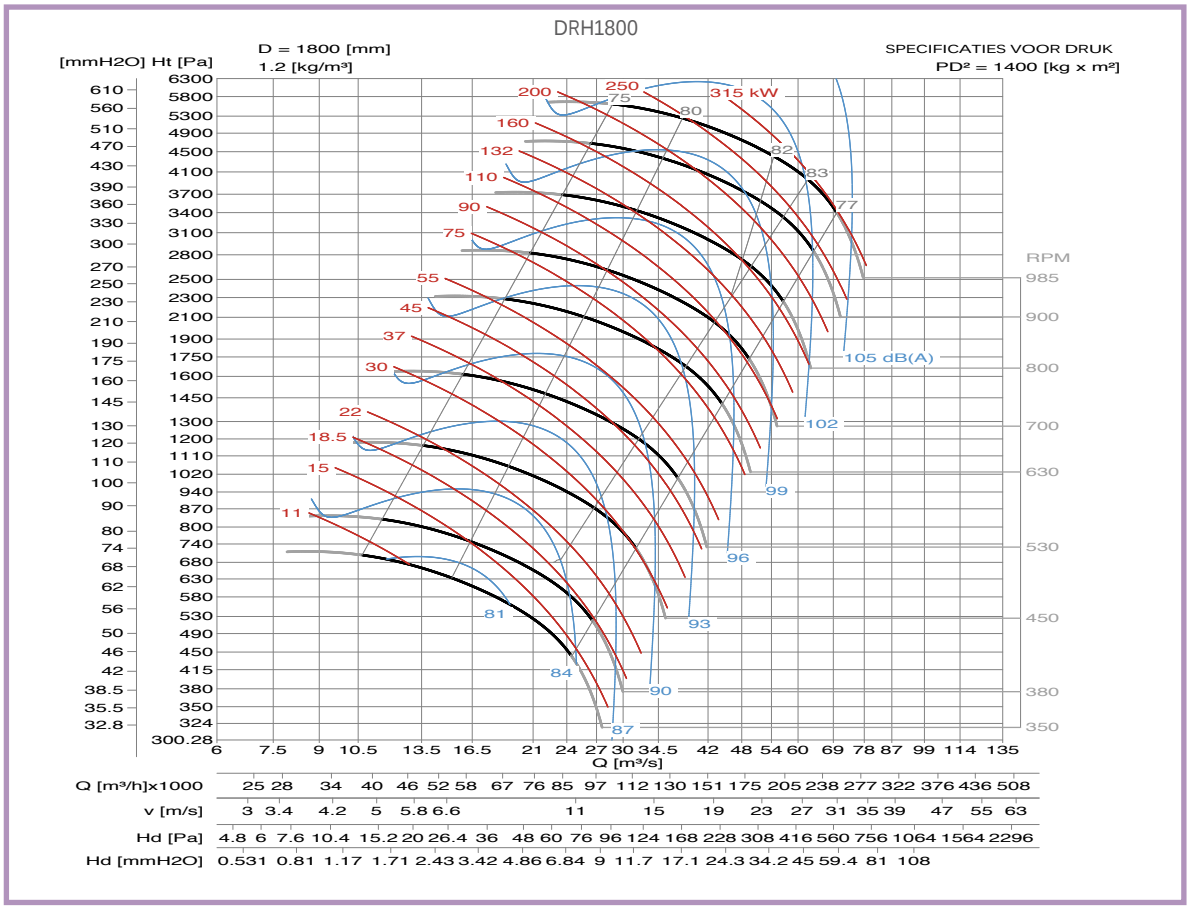


Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

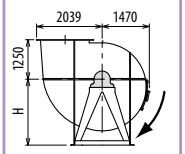
De ventilator is niet verstelbaar.
Le ventilateur n'est pas orientable — The fan is not revolvable — Der Ventilator ist nicht drehbar — El ventilador no es orientable

TYPE VENTILATOR Fan	MOTOR Motor	GEWICHT Weight Kg	Kgf x m²	B	I	H	H1	H2	H3	H4	M	H6			
DRH1800/T		2912	1400			1650	1250	2120	1570	1400					

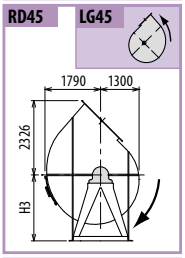




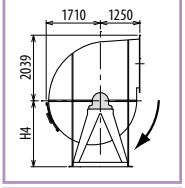
RD0 LG0



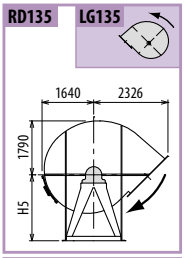
RD45 LG45



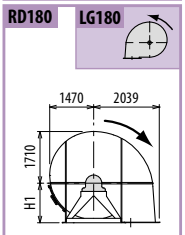
RD90 LG90



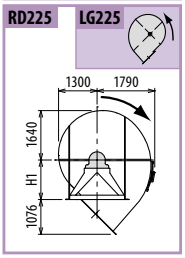
RD135 LG135



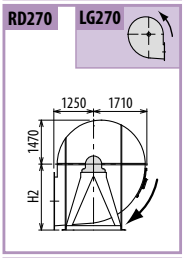
RD180 LG180



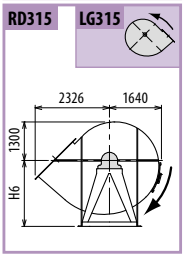
RD225 LG225



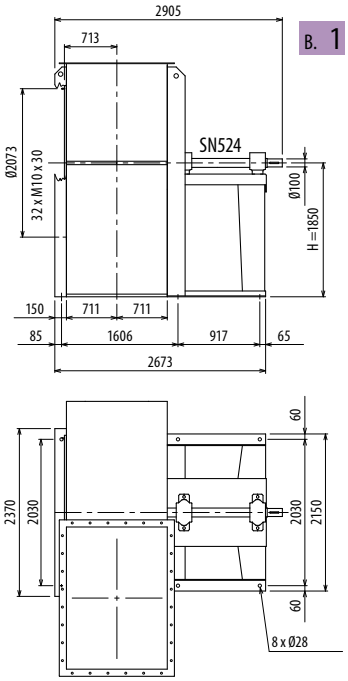
RD270 LG270

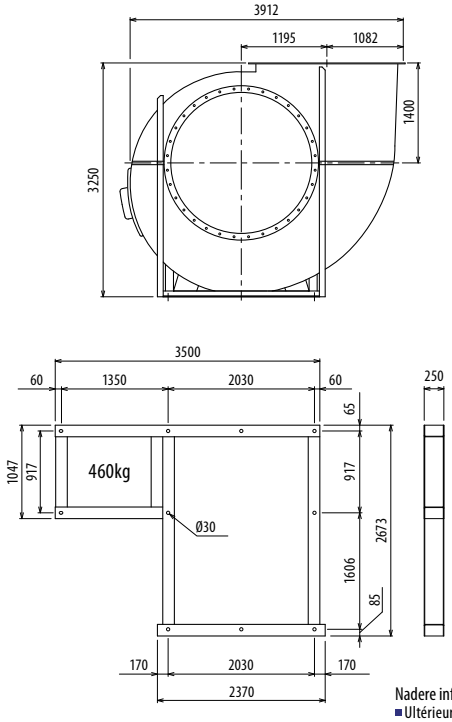


RD315 LG315



DRH

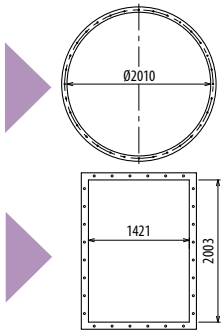


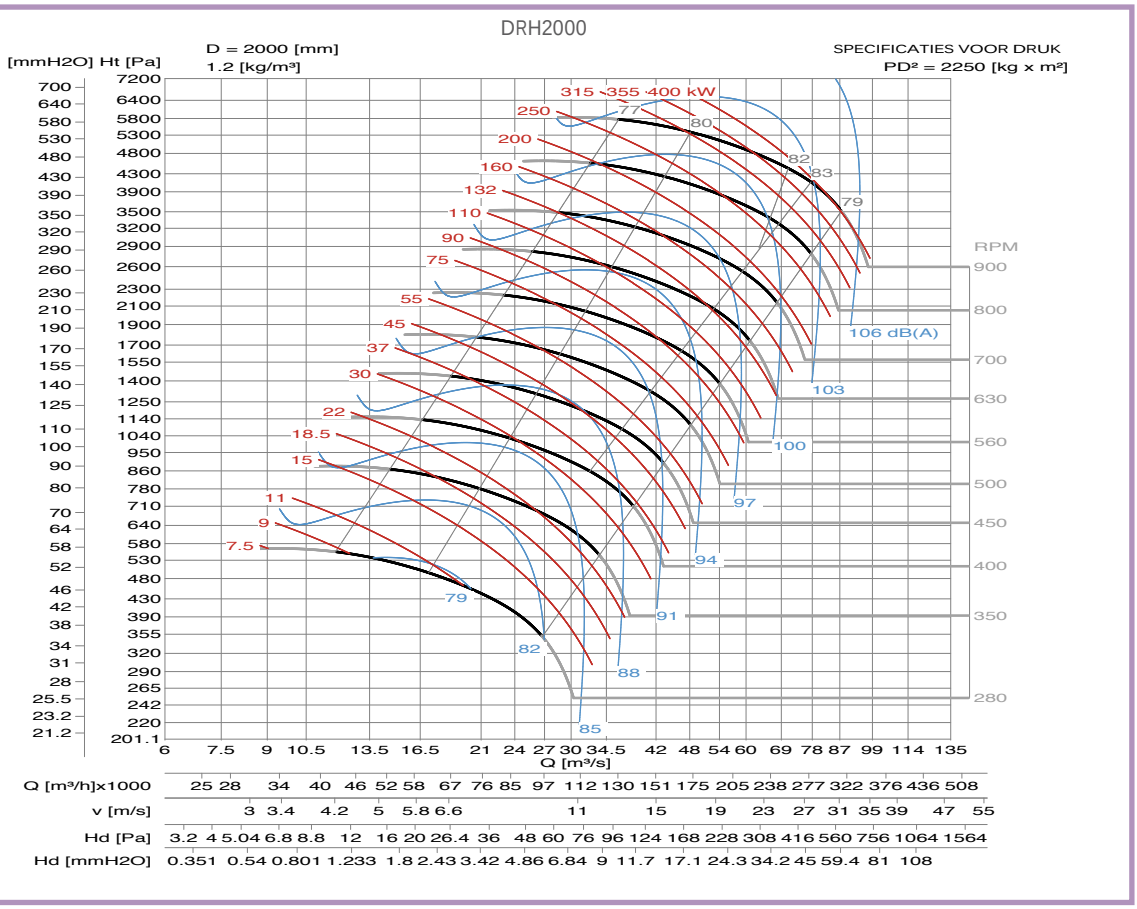


Nadere informatie en maten.
Ultérieures informations et cotes:
Further information and sizes:
Weitere Infos und Größen:
Más informaciones y medidas:

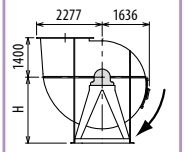
De ventilator is niet verstelbaar.
Le ventilateur n'est pas orientable · The fan is not revolvable · Der Ventilator ist nicht drehbar · El ventilador no es orientable

TYPE		GEWICHT													
VENTILATOR Fan	MOTOR Motor	Weight Kg	Kgf x m²	B	I	H	H1	H2	H3	H4	M	H6			
DRH2000/T		3413	2250			1850	1400	2360	1750	1600					

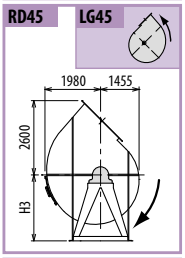




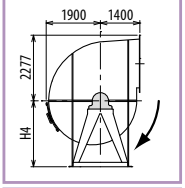
RD0 LG0



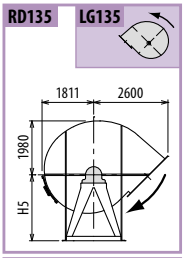
RD45 LG45



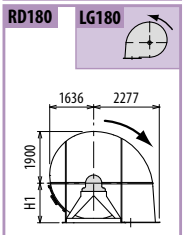
RD90 LG90



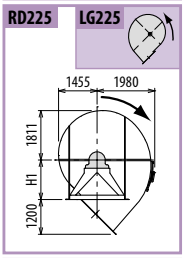
RD135 LG135



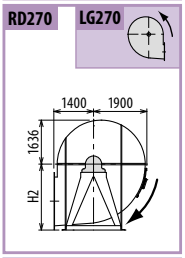
RD180 LG180



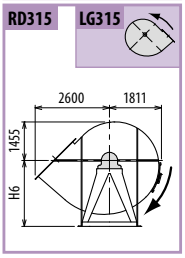
RD225 LG225



RD270 LG270



RD315 LG315



CONSTRUCTIE BOUWVORMEN CENTRIFUGAAL VENTILATOREN

■ *EXÉCUTIONS CONSTRUCTIVES DES VENTILATEURS CENTRIFUGES* ■ *MANUFACTURING EXECUTIONS OF CENTRIFUGAL FANS*

■ *KONSTRUKTIVE AUSFÜHRUNGEN DER RADIALVENTILATOREN* ■ *EJECUCIONES CONSTRUCTIVAS DE LOS VENTILADORES CENTRÍFUGOS*

BOUWVORM 1

Waaier gemonteerd op de aandrijfas. Aandrijfsamenstelling bevestigd op frame buiten de luchtstroom.
Maximum temperatuur zonder koelwaaier 60°C, met koelwaaier 150°C.

EXÉCUTION 1

Roue montée directement sur l'arbre de transmission. Paliers montés sur structure de support, en-dehors du flux de l'air. Température maximum de l'air 60°C sans ventilateur de refroidissement;150°C avec ventilateur de refroidissement.

EXECUTION 1

Impeller cantilever mounted on relay shaft. Supports assembled on the pedestal outside the air flow. Maximum air temperature 60°C without impeller; 150°C with impeller.

AUSFÜHRUNG 1

Laufrad abgesetzt auf Vorgelegewelle verkeilt. Stehlager auf Sitz außerhalb des Luftstroms montiert. Höchsttemperatur der Luft 60°C ohne Lüfterrad. 150°C mit Lüfterrad.

EJECUCIÓN 1

Rotor ensamblado saliente sobre eje de transmisión. Soportes montados sobre pedestal fuera del flujo del aire. Temperatura máxima del aire 60°C sin ventilador pequeño; 150°C con ventilador pequeño.

BOUWVORM 4

Direct aangedreven. De waaier is direct op de motoras bevestigd, ondersteund door het frame.
Maximum temperatuur 60°C; tussen 60 en 150°C met koelwaaier; boven 150°C is een speciale uitvoering mogelijk met thermische isolatie tussen pomphuis en motor.

EXÉCUTION 4

Accouplement direct. Rotor monté directement sur l'arbre du moteur qui est soutenu par la structure de support. Température maximum de l'air 60°C, entre 60 et 150°C avec ventilateur de refroidissement, au-dessus de 150°C en exécution spéciale avec isolation thermique entre volute et moteur.

EXECUTION 4

Direct coupling. Rotor keyed directly on the motor shaft supported by the pedestal. Maximum air temperature 60°C, between 60 and 150°C with impeller, above 150°C in special execution with heat protection between rotor and motor.

AUSFÜHRUNG 4

Direkte Passung. Laufrad direkt auf der Welle des vom Sitz gehaltenen Motors verkeilt. Höchsttemperatur der Luft 60°C, zwischen 60 und 150°C mit Lüfterrad, über 150°C in Spezialausführung mit thermischer Isolierung zwischen Laufradgehäuse und Motor.

EJECUCIÓN 4

Acoplamiento directo. Rodete enchaveteado directamente sobre el eje del motor que es soportado por el pedestal. Temperatura máxima del aire 60°C, entre 60 y 150°C con ventilador pequeño, sobre 150°C en ejecución especial con aislamiento térmico.

BOUWVORM 5

Direct aangedreven met flens aansluiting, motor aan de zijkant.
Temperatuur limieten zoals bouwvorm 4.

EXÉCUTION 5

Accouplement direct avec moteur bridé sur un côté du ventilateur. Limites de température comme pour exécution 4.

EXECUTION 5

Direct coupling with motor flanged to one side of the fan. Temperature limits like execution 4.

AUSFÜHRUNG 5

Direktantrieb mit seitlich am Ventilator angeflanschten Motor. Temperaturgrenzen wie für Ausführung 4.

EJECUCIÓN 5

Acoplamiento directo con motor embridado a un lado del ventilador. Límites de temperatura como para la ejecución 4.

BOUWVORM 8

Zoals aangegeven bij bouwvorm 1, direct aangedreven met een flexibele koppeling.
Temperatuur limieten zoals bouwvorm 1.

EXÉCUTION 8

Comme exécution 1, accouplement arbre-moteur dans l'axe, par le biais d'un joint élastique. Limites de température comme pour exécution 1.

EXECUTION 8

Like execution 1, with shaft-motor coaxial coupling, by means of elastic joint. Temperature limits like execution 1.

AUSFÜHRUNG 8

Wie Ausführung 1, Direktantrieb über Verbindungswelle mit elastischer Kupplung. Temperaturgrenzen wie für Ausführung 1.

EJECUCIÓN 8

Como ejecución 1, con acoplamiento axial eje-motor mediante junta elástica. Límites de temperatura como para la ejecución 1.

BOUWVORM 9

Zoals aangegeven bij bouwvorm 1, voor V-snaar aandrijving. Met de motor zijdelings bevestigd aan het montageframe.
Temperatuur limieten zoals bouwvorm 1.

EXÉCUTION 9

Analogue à l'exécution 1 pour transmission par courroies, avec le moteur soutenu sur le côté de la structure de support. Limites de température comme pour exécution 1.

EXECUTION 9

Similar to execution 1 for belt coupling, with motor supported on the pedestal side. Temperature limits like execution 1.

AUSFÜHRUNG 9

Analog zu Ausführung 1 mit Riemenantrieb und Motorbefestigung seitlich am Montagegestell des Ventilators. Temperaturgrenzen wie für Ausführung 1.

EJECUCIÓN 9

Parecida a la ejecución 1 para acoplamiento por correas, con el motor soportado sobre el lado del pedestal. Límites de temperatura como para la ejecución 1.

BOUWVORM 12

Zoals aangegeven bij bouwvorm 1, voor V-snaar aandrijving. De motor en de ventilator zijn bevestigd aan hetzelfde montageframe. Temperatuur limieten zoals bouwvorm 1.

EXÉCUTION 12

Par accouplement par courroies comme pour l'exécution 1, avec moteur et ventilateur montés sur le même bâti. Limites de température comme pour exécution 1.

EXECUTION 12

For belt coupling similar to execution 1, with motor and fan assembled on the same base. Temperature limits like execution 1.

AUSFÜHRUNG 12

Analog zu Ausführung 1 mit Riemenantrieb, mit auf demselben Sockel montierten Motor und Ventilator. Temperaturgrenzen wie für Ausführung 1.

EJECUCIÓN 12

Para acoplamiento con correas de manera parecida a la ejecución 1, con motor y ventilador montados sobre la misma base. Límites de temperatura como para la ejecución 1.

Sjerp & Jongeneel

Aluminiumstraat 59
2718 RB Zoetermeer
Nederland

+31 (0) 79 3611 466
info@sjerp.nl