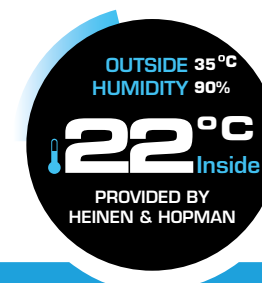




HEINEN & HOPMAN

PRODUCTS

> Duct fan RS and ERM EX



Heating



Ventilation



Air Conditioning



Refrigeration

An aerial photograph of a United States Coast Guard cutter, specifically the USCGC Spencer (WMEC-907), sailing on the dark blue ocean. The ship is white with a blue hull and has "COAST GUARD" and "907" clearly visible. It is spraying a massive, powerful jet of water from its bow, which extends far into the sea. This action creates a large, vibrant rainbow that arches over the ship and the water spray. The ship's superstructure is complex, with various antennas and equipment visible. The overall scene conveys a sense of power and maritime operations.

**“To offer
complete
operational
security to those
who ensure ours,”**

RS FANS

Application

The RS centrifugal duct fans are designed for round duct systems. The backward-curved blades achieve a high efficiency and low noise level. The motor has an isolation class F and a protection class IP33 with an electric connection box protection of IP44.

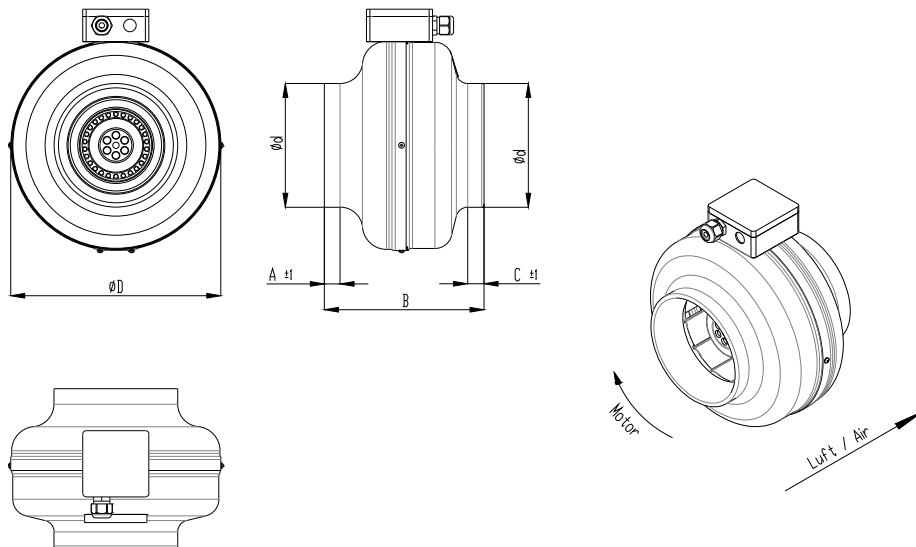
Design features

- Made of steel (or plastic on request)
- Speed-controllable
- Intergrated thermostatic switch
- Fans can be used to supply or exhaust air
- Fans can be installed horizontally and vertically
- Fans can be installed in flexible or rigid duct
- Incl. terminal box

Sound data

The sound data (Lwa) have been measured at five positions during the performance as mentioned in the diagrams.

The sound measurement is done at the outside of the fan casing and is expressed in dB(A).



Dimensions

Type	a	b	c	ØD	Ød	V	kg
RS 100	15	209	21	245	99	220 / 230	2.8
RS 100L	15	209	21	245	99	220 / 230	2.8
RS 125	15	193	15	245	124	220 / 230	2.6
RS 125L	15	193	15	245	124	220 / 230	2.4
RS 160	20	205	21	270	159	220 / 230	3.0
RS 160L	24	229	27	344	159	220 / 230	4.2
RS 200	20	227	23	344	199	220 / 230	4.2
RS 200L	20	235	23	344	199	220 / 230	5.1
RS 250	30	235	26	344	249	220 / 230	4.3
RS 250L	30	233	26	344	249	220 / 230	5.0
RS 315	27	253	40	402	314	220 / 230	5.8
RS 315L	27	253	40	402	314	220 / 230	6.2

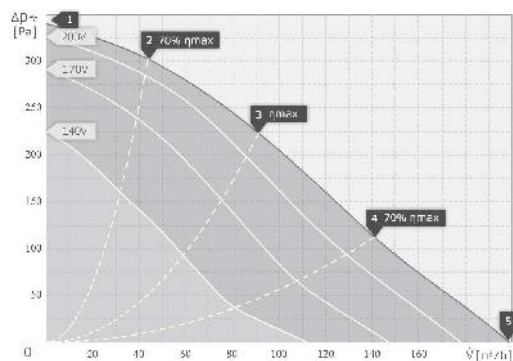
Type	1	2	3	4	5	1	2	3	4	5
	50 Hz					60Hz				
RS 100	55	55	55	55	56	55	54	55	55	55
RS 100L	56	56	56	56	56	57	57	57	57	58
RS 125	56	55	55	52	49	57	57	56	55	49
RS 125L	56	55	56	52	49	57	57	57	52	49
RS 160	52	52	52	51	52	52	52	51	51	53
RS 160L	59	58	57	58	59	61	61	59	59	60
RS 200	58	59	56	56	59	61	61	59	58	61
RS 200L	-	-	-	-	-	-	-	-	-	-
RS 250	60	59	58	61	62	61	61	59	63	67
RS 250L	-	-	-	-	-	-	-	-	-	-
RS 315	62	60	58	61	62	-	-	-	-	-
RS 315L	68	67	60	64	67	-	-	-	-	-

Alternatives available on request.

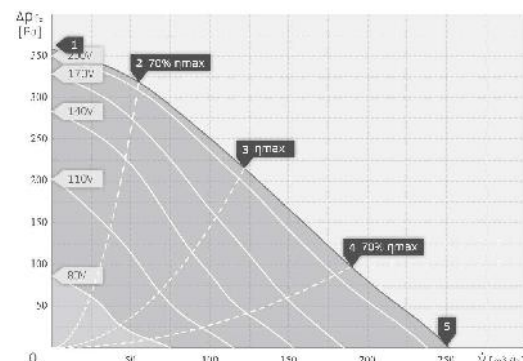
Due to continuous product development, Heinen & Hopman reserves the right to introduce alterations without prior notice.

RS - 50 Hz duct fan specifications

RS - 100



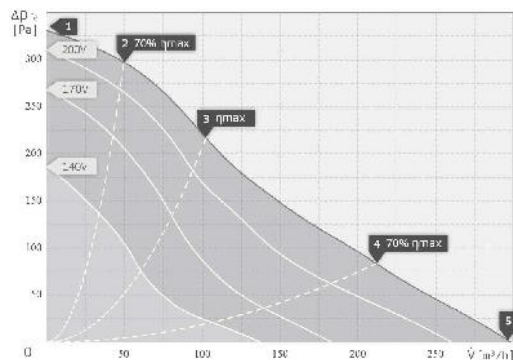
RS - 100L



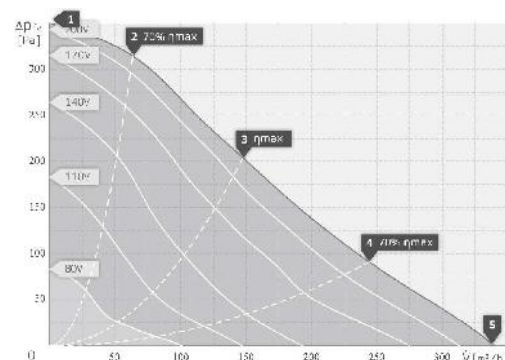
Model	RPM	Temp. max.	Temp. min.	W	A
RS - 100	2680	80°C	-25°C	54	0.3
RS - 100L	2750	60°C	-25°C	68	0.3



RS - 125

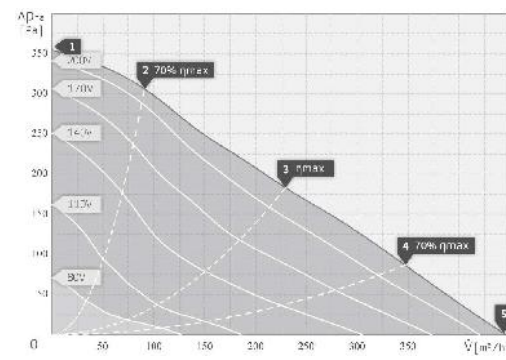


RS - 125L

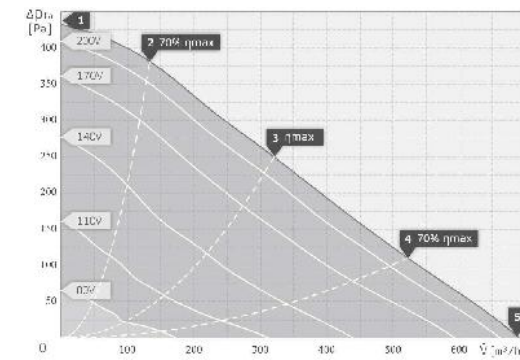


Model	RPM	Temp. max.	Temp. min.	W	A
RS - 125	2635	80°C	-25°C	55	0.3
RS - 125L	2730	65°C	-25°C	67	0.3

RS - 160



RS - 160L

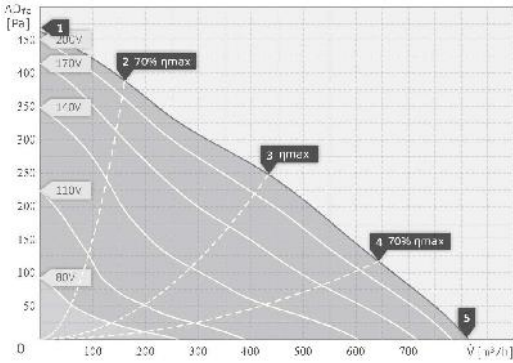


Model	RPM	Temp. max.	Temp. min.	W	A
RS - 160	2690	50°C	-25°C	69	0.3
RS - 160L	2650	65°C	-25°C	94	0.4

Alternatives available on request.

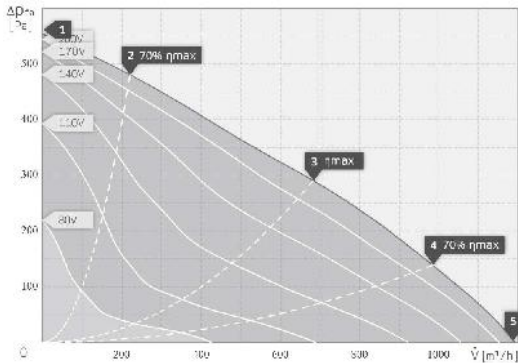
Due to continuous product development, Heinen & Hopman reserves the right to introduce alterations without prior notice.

RS - 200

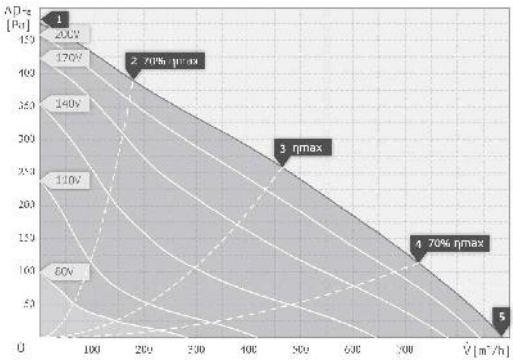


Model	RPM	Temp. max.	Temp. min.	W	A
RS - 200	2720	70°C	-25°C	100	0.5
RS - 200L	2820	45°C	-25°C	188	0.9

RS - 200L

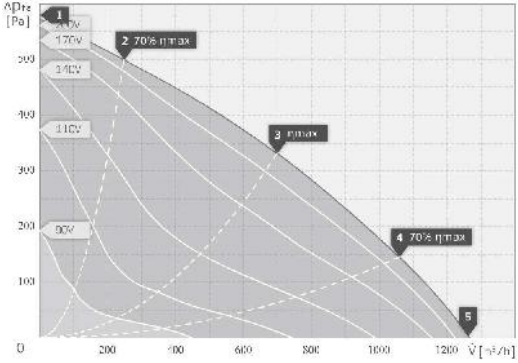


RS - 250

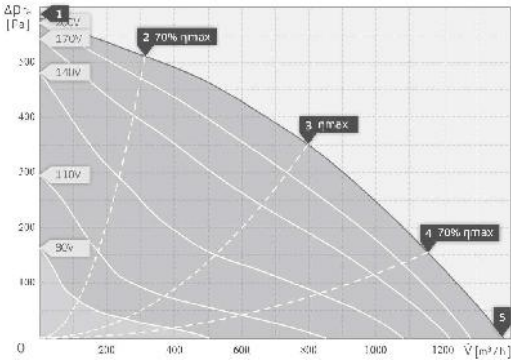


Model	RPM	Temp. max.	Temp. min.	W	A
RS - 250	2720	60°C	-25°C	100	0.5
RS - 250C	2800	50°C	-25°C	192	0.9

RS - 250L

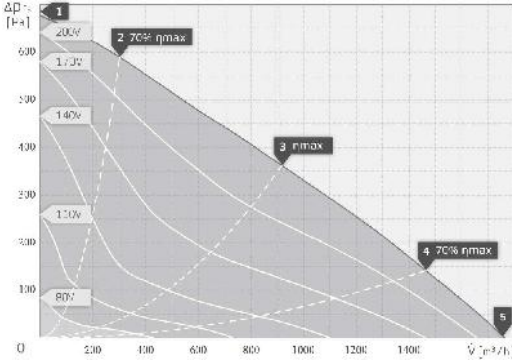


RS - 315



Model	RPM	Temp. max.	Temp. min.	W	A
RS - 315	2800	45°C	-25°C	191	0.9
RS - 315L	2720	65°C	-25°C	275	1.3

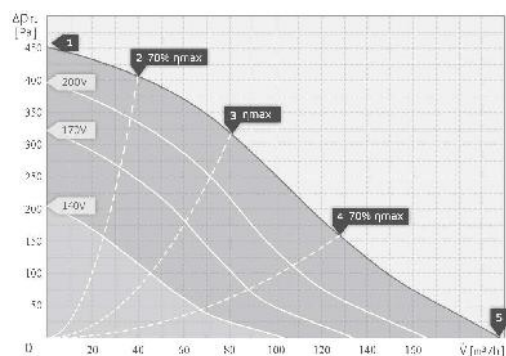
RS - 315L



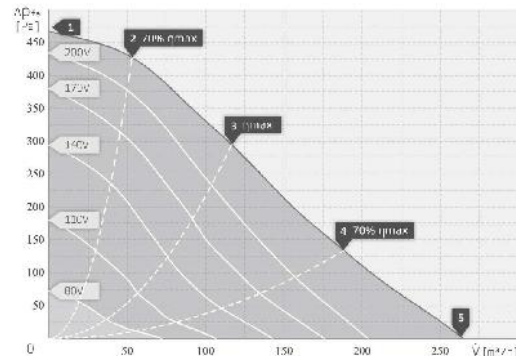
Alternatives available on request.
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RS - 60 Hz duct fan specifications

RS - 100



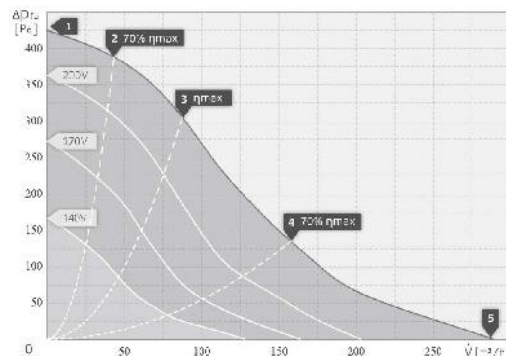
RS - 100L



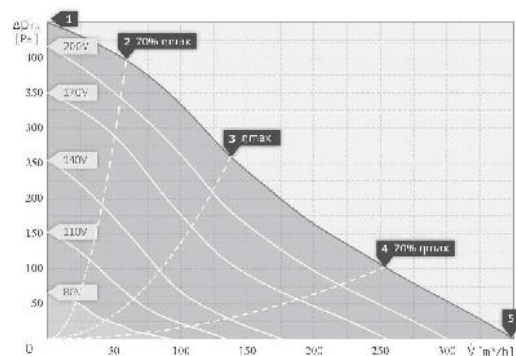
Model	RPM	Temp. max.	Temp. min.	W	A
RS - 100	3100	80°C	-25°C	61	0.3
RS - 100L	3150	70°C	-25°C	80	0.4



RS - 125

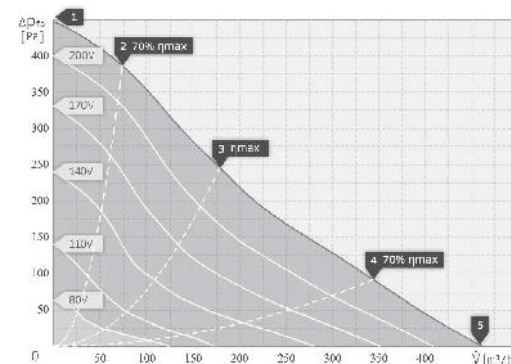


RS - 125L

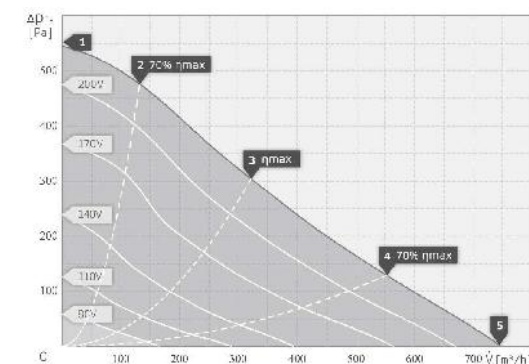


Model	RPM	Temp. max.	Temp. min.	W	A
RS - 125	2990	80°C	-25°C	62	0.3
RS - 125L	3090	70°C	-25°C	80	0.4

RS - 160



RS - 160L

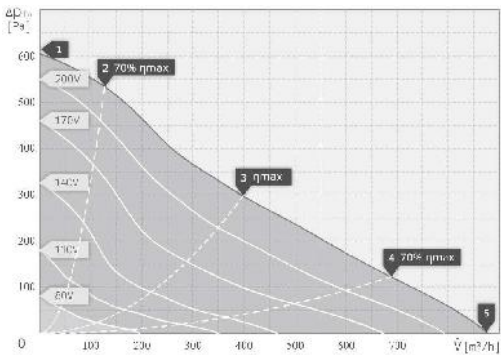


Model	RPM	Temp. max.	Temp. min.	W	A
RS - 160	30040	60°C	-25°C	81	0.4
RS - 160L	2980	80°C	-25°C	125	0.6

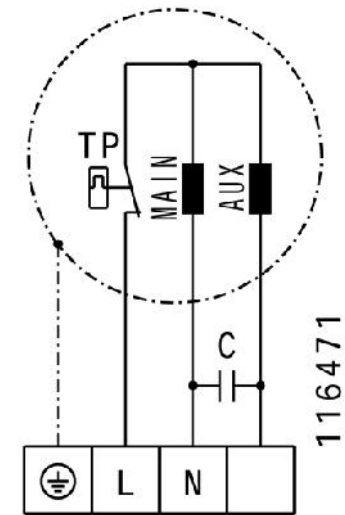
Alternatives available on request.

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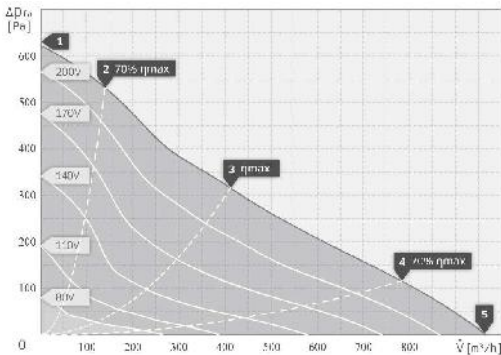
RS - 200



Model	RPM	Temp. max.	Temp. min.	W	A
RS - 200	3110	80°C	-25°C	130	0.6

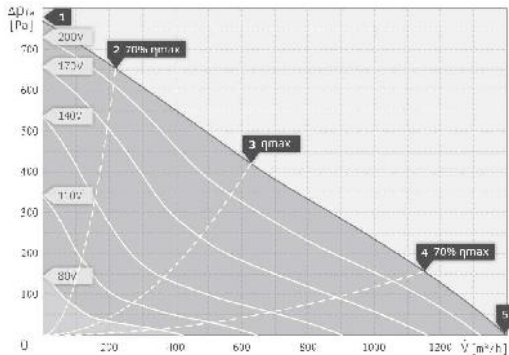


RS - 250



Model	RPM	Temp. max.	Temp. min.	W	A
RS - 250	3120	80°C	-25°C	132	0.6
RS - 250L	3260	60°C	-25°C	256	1.2

RS - 250L



Alternatives available on request.
Due to continuous product development, Heinen & Hopman reserves the right to introduce alterations without prior notice.

ERM.EX FANS

Application

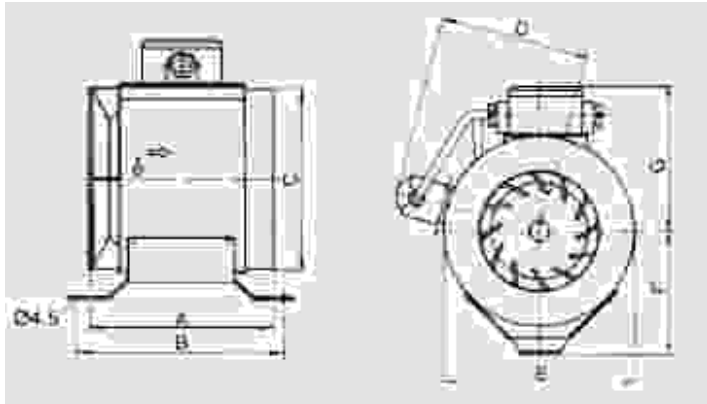
The ERM.EX duct fans can be used in hazardous areas (e.g. battery charge room, garage, paint store, etc.). The ERM.EX is ATEX-certified mentioned for explosive atmosphere. The maximum air temperature is 50°C. EX ventilators cannot be frequently driven and must be protected against exhausts of objects with a diameter larger than 12 mm. The ventilators are made of antistatic plastic (polyamide).

Voltage:

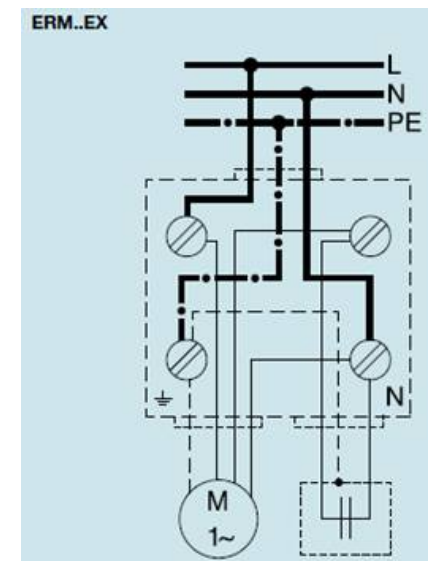
1 x 230V – 50 Hz



Type	Speed	Power Consumption	Current max.	Ia / In	Temp. class EExe - II	Noise level	Motor	Junction box	Capacitor	Weight
	RPM	W	A			dB	IP	IP	IP	kg
ERM 18 EX	2780	50	0.25	2.5	T1 - T4	64	44	55	54	3
ERM 22 EX	2860	200	0.92	3.1	T1 - T3	74	44	55	54	5.3
ERM 25 EX	2860	300	1.4	3.7	T1 - T3	80	44	55	54	6.8



Type ERM.EC	A	B	C	D	E	F	G
18	164	187	177	160	183	120	142
22	177	203	223	195	230	140	166
25	205	232	247	210	255	160	180

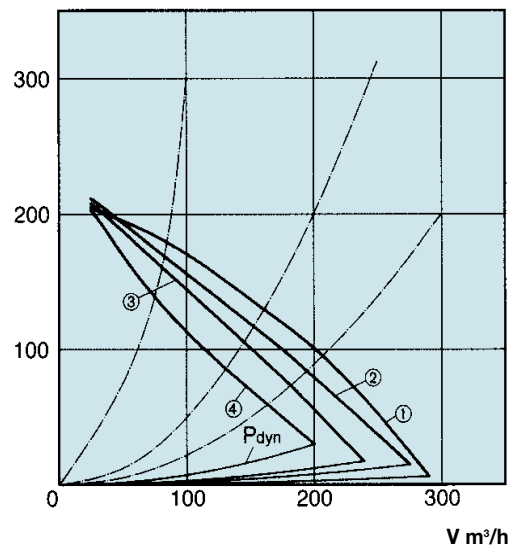


Alternatives available on request.

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ERM 18 EX

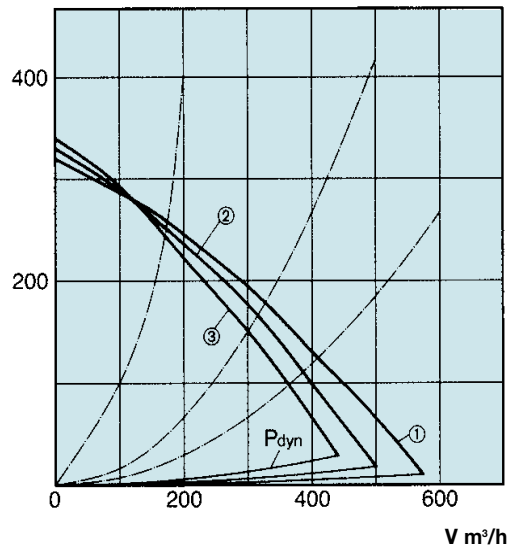
P totaal (Pa)



1. Duct connection DN 180
2. Duct connection DN 140
3. Duct connection DN 125
4. Duct connection DN 100

ERM 22 EX

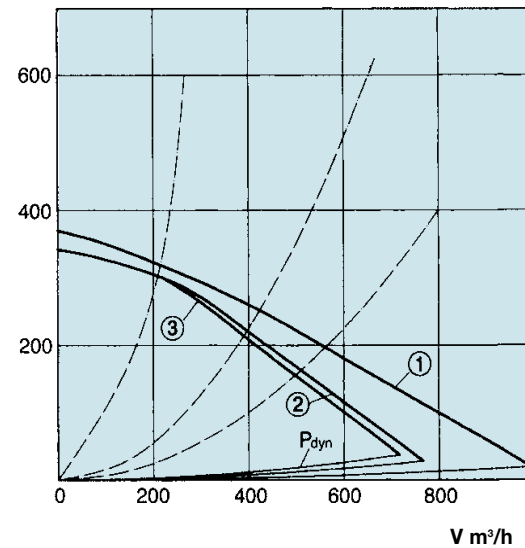
P totaal (Pa)



1. Duct connection DN 200
2. Duct connection DN 180
3. Duct connection DN 140

ERM 25 EX

P totaal (Pa)



1. Duct connection DN 250
2. Duct connection DN 200
3. Duct connection DN 180

Brazil

T: +5521 3587 4241/4244
E: info@br.heinenhopman.com

France - La Ciotat

T: +334 4204 8685
E: info@heinenhopmanfrance.com

France - Grasse

T: +336 3090 7786
E: info@heinenhopmanfrance.com

Germany

T: +49 4073 1680
E: info@drewsmarine.com

Germany

T: +49 471 9869 300
E: info@moehringms.com

India

T: +9133 6499 1293
E: info@heinenhopmanindia.com

Italy

T: +3901 8745 7970
E: info@it.heinenhopman.com

The Netherlands (HQ)

T: +313 3299 2500
E: info@heinenhopman.com

The Netherlands (Rotterdam)

T: +317 8890 8050
E: binnenvaart@heinenhopman.nl

Norway

T: +47 6919 0900
E: admin@teknotherm.no

Peoples Republic of China

T: +8621 3253 2896
E: info@cn.heinenhopman.com

Peoples Republic of China

T: +86 510 8528 1763
E: ivo.klaric@teknotherm.no

Poland

T: +489 1433 1800
E: tmh@teknotherm.no

Romania

T: +402 3644 8222
E: office@ro.heinenhopman.com

Russia

T: +7 (4012) 308 801
E: info@heinenhopman.ru

Singapore

T: +65 6897 7879
E: info@sg.heinenhopman.com

South Korea

T: +8270 4901 0000
E: info@kr.heinenhopman.com

Spain

T: +349 3225 9668
E: info@es.heinenhopman.com

Sweden

T: +46 3121 7500
E: mats.uden@teknotherm.no

Turkey

T: +9021 6493 8118
E: info@tr.heinenhopman.com

UAE (Abu Dhabi)

T: +971 2550 4147
E: info@caspuae.com

UAE (Dubai)

T: +971 4263 5453
E: info@caspuae.com

USA - Fort Lauderdale, Florida

T: +195 4463 0110
E: info@arwmaritime.com

USA - Houma, Louisiana

T: +198 5876 7982
E: leblanc@leblancandassociates.com

Heinen & Hopman encourages a more sustainable world. By providing eco-friendly solutions and services we offer our clients the option of reducing energy consumption and thus CO2 emissions. Visit greenmanifest.info for more information.



www.heinenhopman.com



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