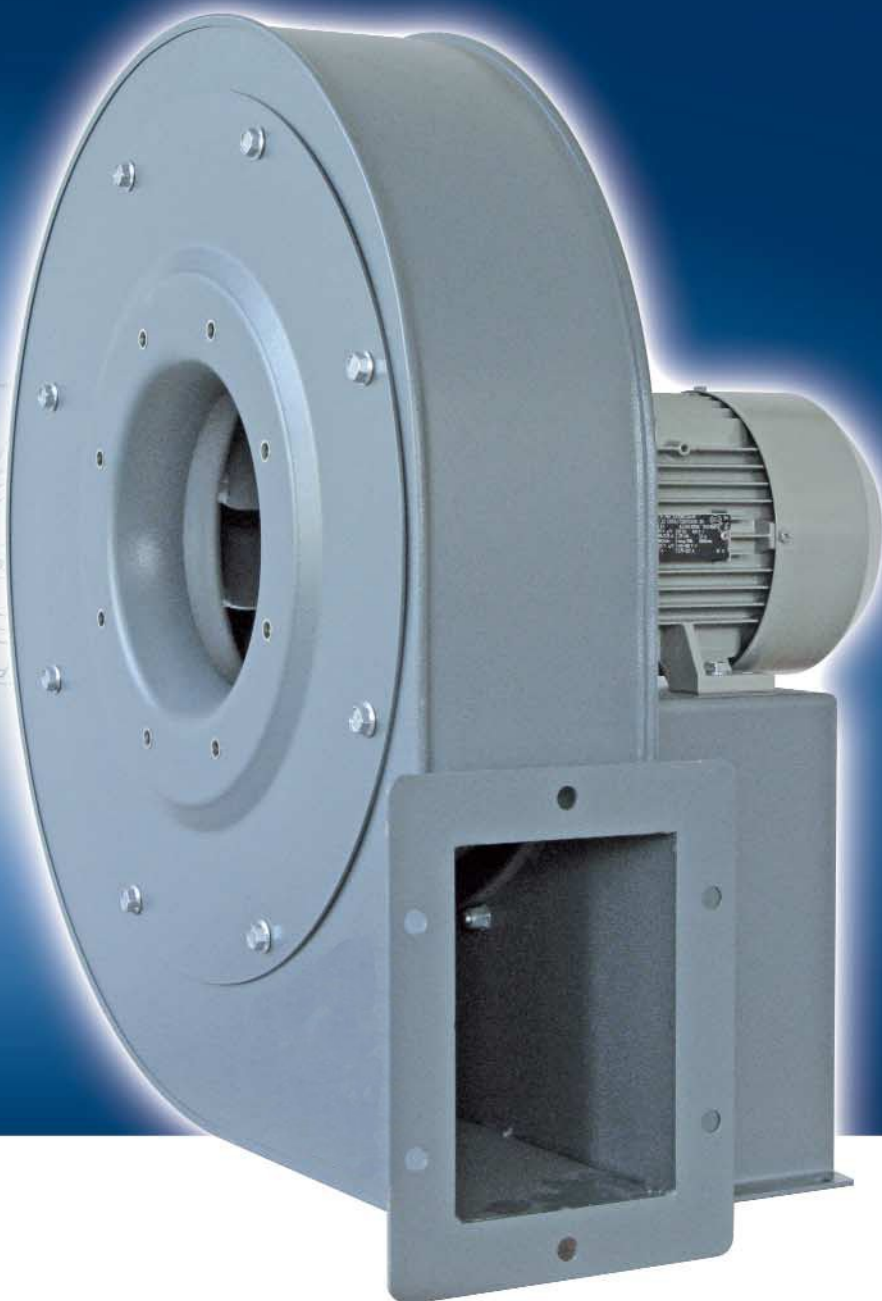


DMAR-S

CENTRIFUGAAL VENTILATOR
CENTRIFUGAL FAN

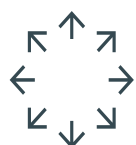


ACHTEROVERGEBOGEN SCHOEPEN
BACKWARD CURVED BLADES IMPELLER



HOGE DRUK
HIGH PRESSURE

Sjerp &
Jongeneel



Aluminiumstraat 59
2718 RB Zoetermeer
Nederland

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

Debiet / Flow rate
300 ÷ 4000 m³/h

Druk / Pressure
50 ÷ 550 mm H₂O

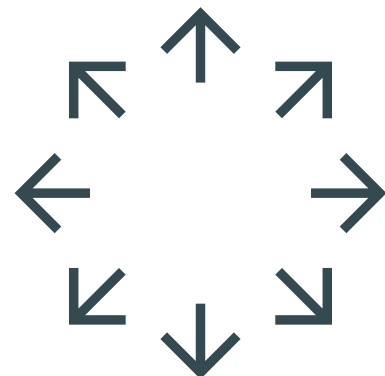
DMAR-S

CENTRIFUGAAL VENTILATOR
CENTRIFUGAL FAN



De ventilatoren uit de serie **DMAR-S** worden toegepast in applicaties waar een relatief kleine hoeveelheid lucht met een hoge druk benodigd zijn. Deze serie is geschikt voor licht vervuilde lucht. De behuizingen zijn vervaardigd van gefelst plaatstaal, de motorstoel is van koolstofstaal, de waaier is gelakt, heeft achterovergebogen schoepen en is direct aangedreven door een 2-polige elektromotor. Standaard mag het medium maximaal 80°C bereiken waarbij speciale uitvoeringen tot 180°C gaan. Op aanvraag is RVS leverbaar alsook ATEX volgens richtlijn 94/9/CE.

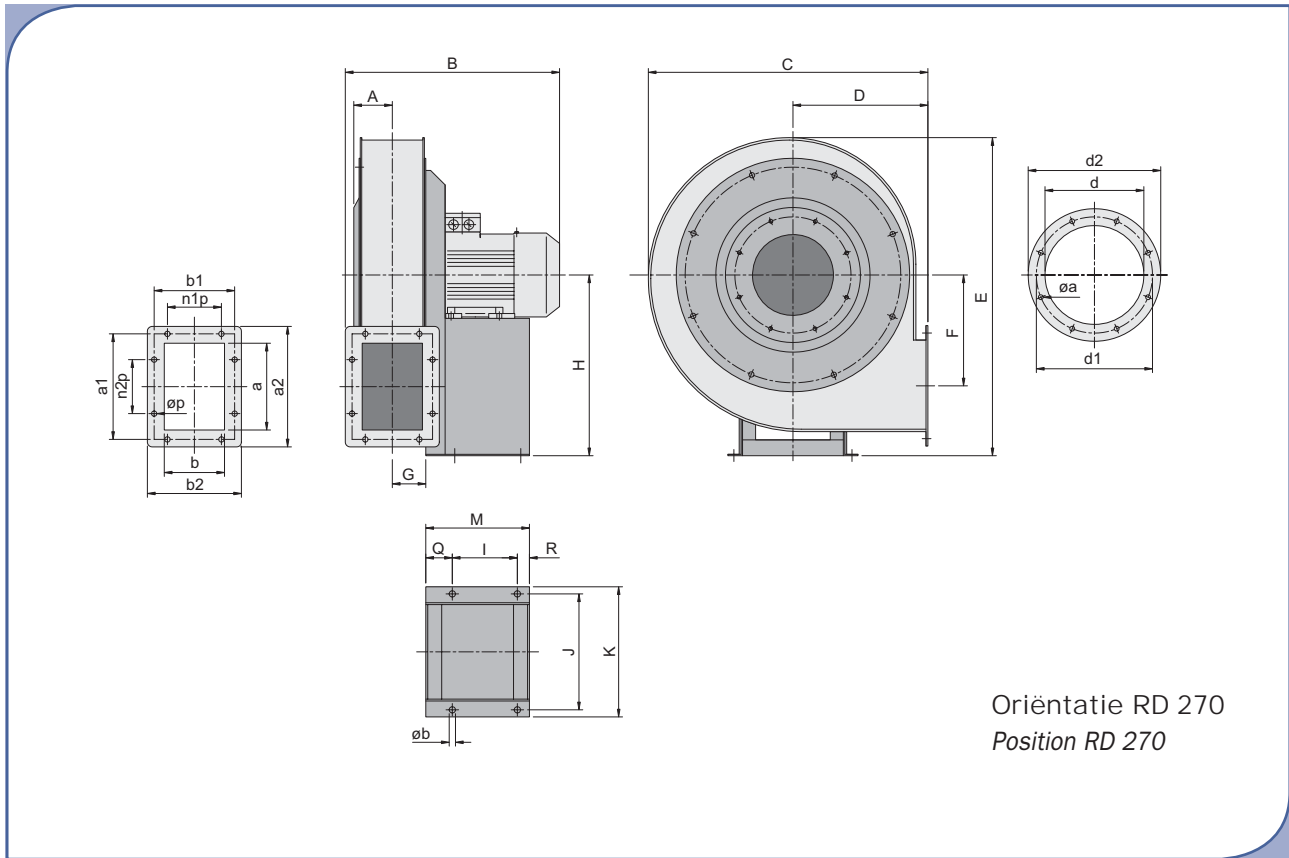
DMAR-S series blowers are suitable for all applications requiring quite small flow rates with high pressure of clean or slightly dusty air. Standard execution blowers are provided with edged steel sheets casings, carbon steel base frames, backward blades painted impellers and 2-poles electrical motors. Transported fluids can reach maximum temperatures of 80°C. On demand, special stainless steel executions are available; **DMAR-S** blowers are also available according to ATEX directive (94/9/CE).



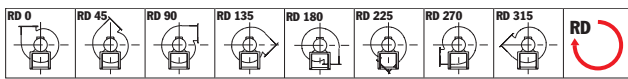
SPECIFICATIES EN MAATSCHETSEN OVERALL DIMENSIONS

Bouwworm 4 (met motorstoel)

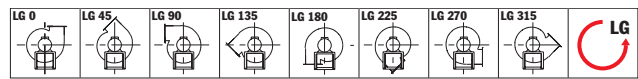
Arrangement 4 (with base frame)



Oriëntatiemogelijkheden (gezien vanaf de motorzijde) - Rotation senses (seen from motor side)



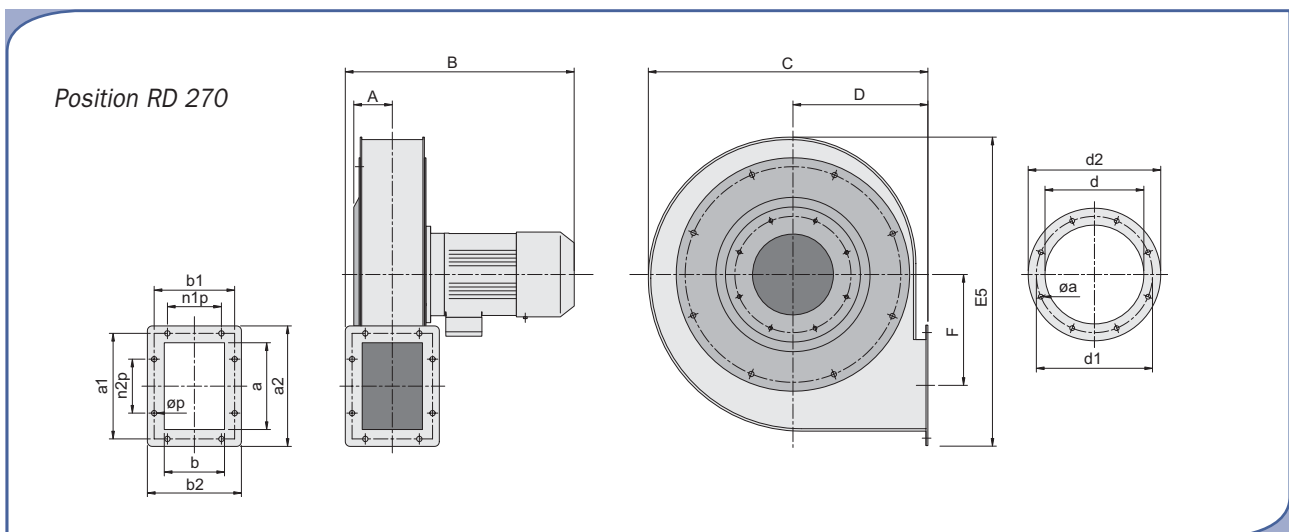
Draairichting met de klok mee - Clockwise rotation sense



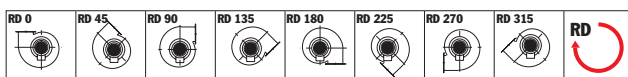
Draairichting tegen de klok in - Anti-clockwise rotation sense

Bouwworm 5

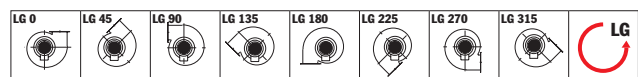
Arrangement 5



Oriëntatiemogelijkheden (gezien vanaf de motorzijde) - Rotation senses (seen from motor side)



Draairichting met de klok mee - Clockwise rotation sense



Draairichting tegen de klok in - Anti-clockwise rotation sense

SPECIFICATIES EN MAATSCHETSEN OVERALL DIMENSIONS

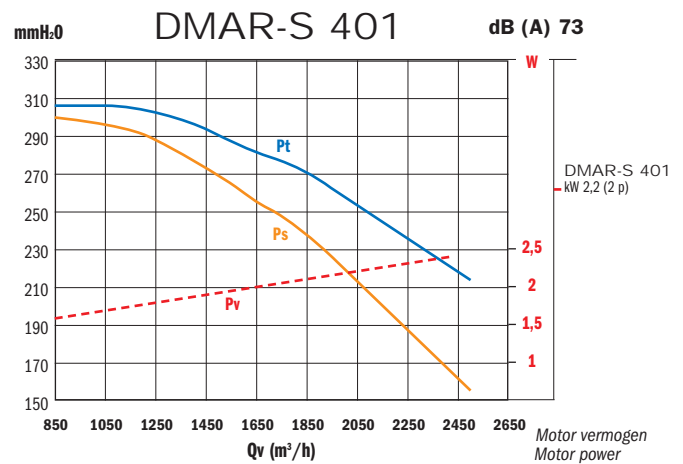
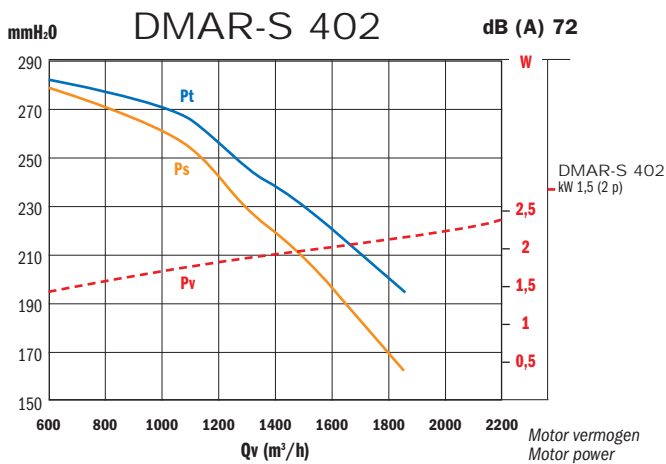
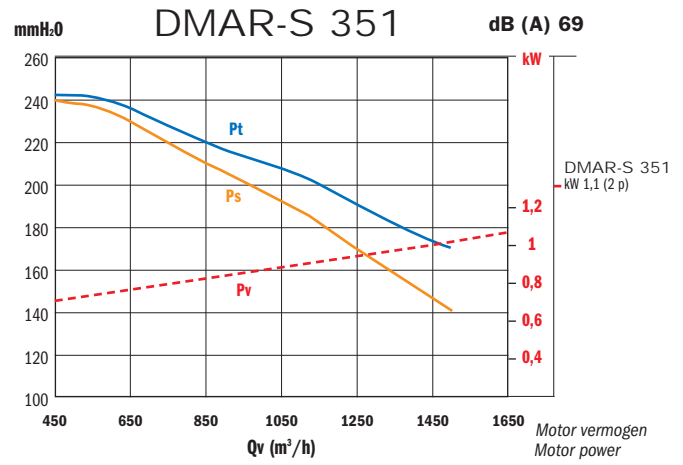
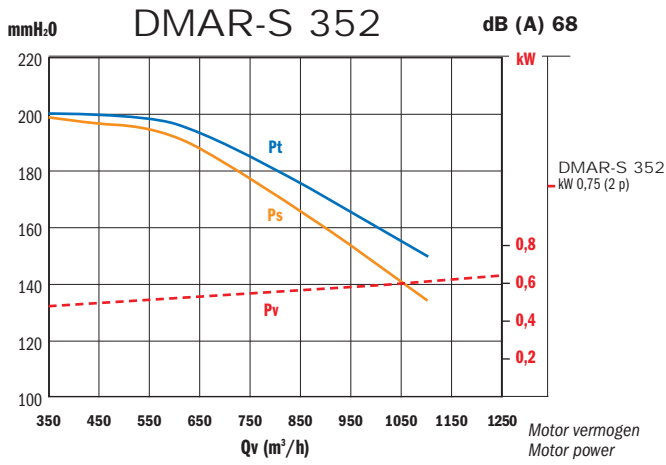
Gewicht van de ventilator (inclusief motor) *Weight of ventilator (complete with motor)*
 NB: 'B' is indicatief *NOTE: "B" quote indicative*

| TYPE | | kW inst. | GEWICHT WEIGHT kg | VENTILATOR FAN | | | | | | | | |
|-------------------|----------------|-------------|-------------------------|-------------------|-----|-----|-----|-----|-----|-----|----|-----|
| VENTILATOR FAN | MOTOR MOTOR | | | A | B | C | D | E | E5 | F | G | H |
| DMAR-S 352 | 80 A2 | 0,75 | 31 | 71 | 375 | 530 | 250 | 585 | 565 | 200 | 60 | 335 |
| DMAR-S 351 | 80 B2 | 1,1 | 33 | | | | | | | | | |
| DMAR-S 402 | 90 S2 | 1,5 | 38 | 80 | 400 | 580 | 280 | 660 | 640 | 230 | 67 | 375 |
| DMAR-S 401 | 90 L2 | 2,2 | 41 | | 425 | | | | | | | |
| DMAR-S 452 | 100 LA2 | 3 | 70 | 90 | 470 | 650 | 315 | 720 | 710 | 255 | 75 | 400 |
| DMAR-S 451 | 112 M2 | 4 | 75 | | 520 | | | | | | | |
| DMAR-S 502 | 132 SA2 | 5,5 | 100 | 100 | 570 | 735 | 355 | 813 | 800 | 290 | 85 | 450 |
| DMAR-S 501 | 132 SB2 | 7,5 | 106 | | | | | | | | | |

| TYPE | INLAAT FLENS INLET FLANGE | | | | | UITLAAT FLENS OUTLET FLANGE | | | | | | | | | | MOTORSTOEL BASE | | | | | | | | | | | | | |
|------------|------------------------------|----------------|----------------|----|----|--------------------------------|-----|----------------|----------------|----------------|----------------|------|------|----|------|--------------------|-----|-----|---|-----|---|---|---|----|----|---|---|---|----------------|
| | d | d ₁ | d ₂ | n° | ∅ | a | b | a ₁ | b ₁ | a ₂ | b ₂ | n:xp | n:xp | n° | ∅ | I | J | K | L | M | N | O | P | Q | R | S | T | U | ∅ _b |
| DMAR-S 352 | 185 | 219 | 255 | 8 | 11 | 160 | 112 | 200 | 153 | 230 | 182 | 112 | 112 | 6 | 11,5 | 125 | 215 | 235 | - | 190 | - | - | - | 50 | 15 | - | - | - | 10 |
| DMAR-S 351 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DMAR-S 402 | 205 | 241 | 275 | 8 | 11 | 180 | 125 | 219 | 167 | 250 | 195 | 112 | 112 | 6 | 11,5 | 137 | 245 | 270 | - | 215 | - | - | - | 60 | 18 | - | - | - | 10 |
| DMAR-S 401 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DMAR-S 452 | 229 | 265 | 299 | 8 | 11 | 200 | 140 | 241 | 182 | 270 | 210 | 112 | 112 | 8 | 11,5 | 200 | 300 | 335 | - | 260 | - | - | - | 35 | 25 | - | - | - | 12 |
| DMAR-S 451 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DMAR-S 502 | 255 | 292 | 325 | 8 | 11 | 224 | 160 | 265 | 200 | 294 | 230 | 112 | 112 | 8 | 11,5 | 250 | 360 | 392 | - | 320 | - | - | - | 45 | 26 | - | - | - | 12 |
| DMAR-S 501 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DIRECT AANGEDREVEN DOOR 2-POLIGE MOTOREN

DIRECT CONNECTION FOR 2-POLES MOTORS



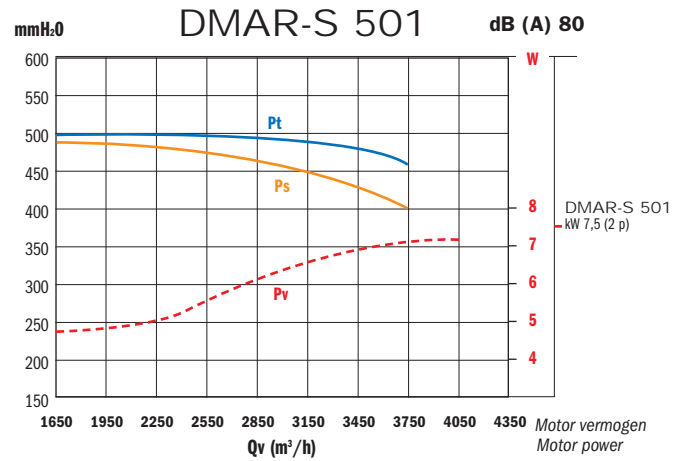
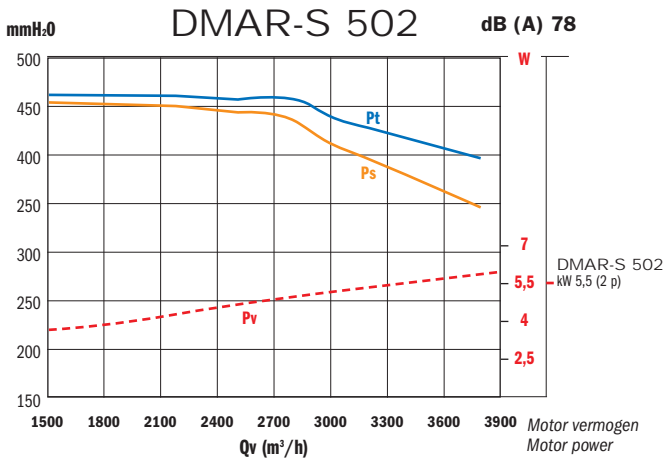
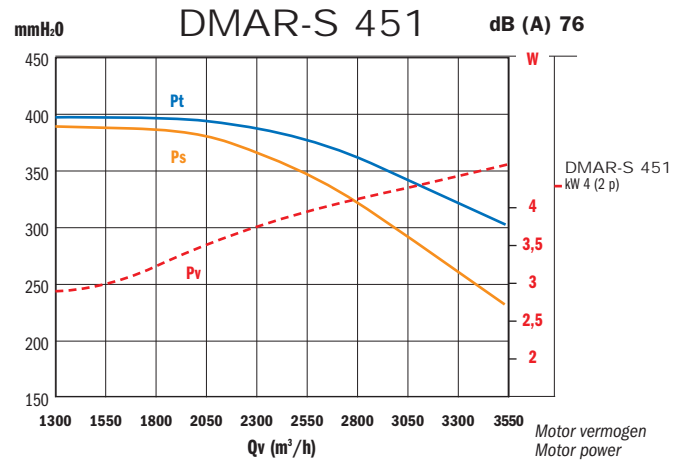
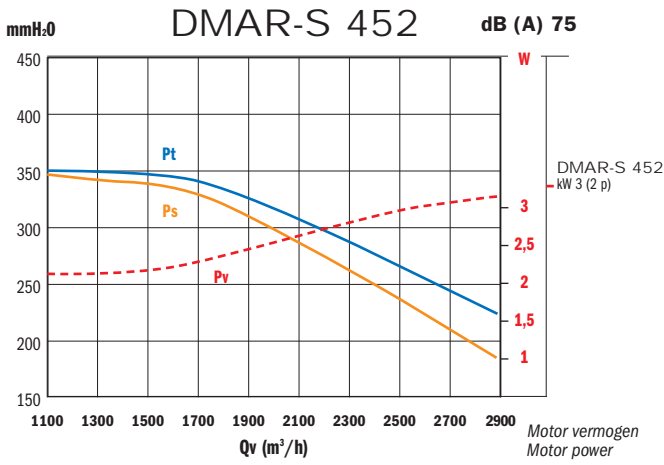
Conditioes: **T=15°C; P=1 atm**
 Datas referring to: **T=15°C; P=1 atm**

— Pt= Totale druk — Ps= Statische druk
— Pt= Total pressure — Ps= Statical pressure

- - - Pv= Opgenomen vermogen
- - - Pv= Absorbed power

DIRECT AANGEDREVEN DOOR 2-POLIGE MOTOREN

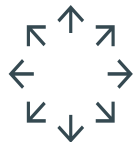
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Sjerp &
Jongeneel



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