## APPLICATION

Plate mounted axial flow fans used for general ventilation of commercial and industrial premises; warehouses and storage facilities; garages and public utility buildings, etc. Also can be used in air conditioning and ventilation equipment.

## CONSTRUCTION

Plate mounted axial flow fans manufactured from high grade galvanised steel and provided with a sickle blade impeller, low sound level, protected against corrosion by cataforesis primer and a polyester black paint finish.
Model 800: impeller motor unpainted.
Standard airflow (A): motor over impeller.

## MOTOR

Single phase external motor (HXBR) or three phase motor (HXTR), IP44 (models 250 to 355) or IP54 (models 400 to 800), class F, equipped with thermal protection and terminal box with capacitor incorporated in single phase models. All motors are speed controllable by autotransformer except models: /4-560 and /4-630. Three phase motors are speed controllable by autotransformer and inverter in range 25-50Hz.
Electrical wiring diagram: fig. 9, p. 926.

**Compact design**
This very low profile design optimises airflow performance whilst minimising noise generation.

**Corrosion resistance**
Mounting plate, motor support and finger proof guard protected by cataforesis primer and black polyester paint finish.
Stainless steel screws.

**Terminal box**
Capacitor incorporated in single phase models.

**High efficiency: Sickle blade impeller**
Designed to ensure the highest and most efficient airflow performance with the lowest noise level. Dynamically balanced to ISO 1940 standard. Manufactured from aluminium plate; Ø250 to Ø355 models which are manufactured from pressed sheet steel.

WWW DTR CE

## TECHNICAL CHARACTERISTICS

| Type | speed | voltage | maximum absorbed power | maximum absorbed current 230V \| 400V | | airflow | sound pressure level* | operating temperature range min \| max | | weight | regulator | ErP | article number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [r.p.m.] | [V] | [W] | [A] | | [$m^3/h$] | [dB(A)] | [$^0C$] | | [kg] | | | |
| **SINGLE-PHASE 2-POLE** | | | | | | | | | | | | | |
| **HXBR/2-200** | 2780 | 230 | 80 | 0,4 | - | 810 | 56 | -40 | +60 | 4 | TLR 15 DS RVS-1,5 | not applicable P<125W | 43025399 |
| **HXBR/2-250** | 2800 | 230 | 124 | 0,5 | - | 1560 | 61 | -40 | +60 | 7 | TLR 15 DS RVS-1,5 | not applicable P<125W | 43025400 |
| **SINGLE-PHASE 4-POLE** | | | | | | | | | | | | | |
| **HXBR/4-250** | 1440 | 230 | 42 | 0,2 | - | 760 | 47 | -40 | +60 | 6,5 | TLR 15 DS RVS-1,5 | not applicable P<125W | 43025410 |
| **HXBR/4-315** | 1445 | 230 | 112 | 0,6 | - | 1950 | 53 | -40 | +40 | 7 | TLR 15 DS RVS-1,5 | not applicable P<125W | 43025430 |
| **HXBR/4-355** | 1400 | 230 | 145 | 0,7 | - | 2870 | 59 | -40 | +60 | 7,5 | TLR 15 DS RVS-1,5 | 2015 | 43025450 |
| **HXBR/4-400** | 1395 | 230 | 268 | 1,2 | - | 5080 | 61 | -40 | +65 | 9 | TLR 15 DS RVS-1,5 | 2015 | 43025470 |
| **HXBR/4-450** | 1390 | 230 | 473 | 2 | - | 6820 | 64 | -40 | +50 | 11,5 | TLR 25 DS RVS-3 | 2015 | 43025490 |
| **HXBR/4-500** | 1420 | 230 | 847 | 3,5 | - | 8770 | 67 | -40 | +70 | 16 | REB-5 RVS-5 | 2015 | 43025510 |
| **HXBR/4-560** | 1390 | 230 | 1225 | 5,1 | - | 11920 | 69 | -40 | +45 | 21,5 | - | 2015 | 43025530 |
| **HXBR/4-630** | 1430 | 230 | 1212 | 5,3 | - | 14100 | 67 | -40 | +40 | 24 | - | 2015 | 43025550 |
| **SINGLE-PHASE 6-POLE** | | | | | | | | | | | | | |
| **HXBR/6-400** | 935 | 230 | 124 | 0,6 | - | 3300 | 49 | -40 | +50 | 9 | TLR 15 DS RVS-1,5 | not applicable P<125W | 43025570 |
| **HXBR/6-450** | 925 | 230 | 138 | 0,6 | - | 4370 | 53 | -40 | +70 | 11,5 | TLR 15 DS RVS-1,5 | 2015 | 43025590 |
| **HXBR/6-500** | 930 | 230 | 255 | 1,3 | - | 5510 | 57 | -40 | +70 | 16 | TLR 15 DS RVS-1,5 | 2015 | 43025610 |
| **HXBR/6-560** | 915 | 230 | 414 | 2 | - | 8140 | 60 | -40 | +65 | 21,5 | TLR 25 DS RVS-3 | 2015 | 43025630 |
| **HXBR/6-630** | 915 | 230 | 587 | 2,6 | - | 11380 | 61 | -40 | +40 | 24 | REB-5 RVS-3 | 2015 | 43025650 |

* Sound pressure level measured in free field conditions at a distance equivalent to three times the diameter of the impeller with a minimum of 1,5 meters.

## TECHNICAL CHARACTERISTICS

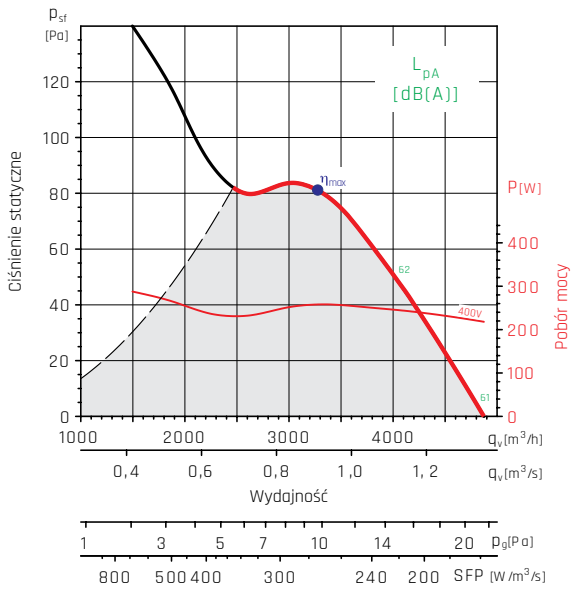
| Type | speed | voltage | maximum absorbed power | maximum absorbed current 230V \| 400V | | airflow | sound pressure level* | operating temperature range min \| max | | weight | regulator | ErP | article number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [r.p.m.] | [V] | [W] | [A] | | [$m^3/h$] | [dB(A)] | [$^0C$] | | [kg] | | | |
| **THREE-PHASE 2-POLE** | | | | | | | | | | | | | |
| **HXTR/2-250** | 2800 | 230/400 | 112 | 0,5 | 0,3 | 1530 | 61 | -40 | +60 | 7 | inverter 0,4 | not applicable P<125W | 43025405 |
| **THREE-PHASE 4-POLE** | | | | | | | | | | | | | |
| **HXTR/4-250** | 1475 | 230/400 | 47 | 0,4 | 0,2 | 770 | 47 | -40 | +60 | 6,5 | RMT-1,5 inverter 0,4 | not applicable P<125W | 43025420 |
| **HXTR/4-315** | 1450 | 400 | 98 | - | 0,3 | 2020 | 53 | -40 | +70 | 7 | RMT-1,5 inverter 0,4 | not applicable P<125W | 43025440 |
| **HXTR/4-355** | 1410 | 400 | 145 | - | 0,4 | 2890 | 59 | -40 | +70 | 7,5 | RMT-1,5 inverter 0,4 | 2015 | 43025460 |
| **HXTR/4-400** | 1380 | 400 | 258 | - | 0,5 | 4870 | 61 | -40 | +60 | 9 | RMT-1,5 inverter 0,4 | 2015 | 43025480 |
| **HXTR/4-450** | 1420 | 400 | 450 | - | 0,9 | 6910 | 64 | -40 | +60 | 11,5 | RMT-1,5 inverter 0,4 | 2015 | 43025500 |
| **HXTR/4-500** | 1410 | 400 | 943 | - | 1,9 | 9490 | 67 | -40 | +70 | 16 | RMT-2,5 inverter 0,75 | 2015 | 43025520 |
| **HXTR/4-560** | 1410 | 400 | 1218 | - | 2,4 | 11990 | 69 | -40 | +70 | 21,5 | inverter 1,5 | 2015 | 43025540 |
| **HXTR/4-630** | 1420 | 400 | 1216 | - | 2,3 | 13540 | 67 | -40 | +60 | 24 | inverter 1,5 | 2015 | 43025560 |
| **THREE-PHASE 6-POLE** | | | | | | | | | | | | | |
| **HXTR/6-400** | 875 | 400 | 123 | - | 0,5 | 3610 | 52 | -40 | +70 | 9 | RMT-1,5 inverter 0,4 | not applicable P<125W | 43025580 |
| **HXTR/6-450** | 940 | 400 | 156 | - | 0,4 | 4360 | 53 | -40 | +60 | 11,5 | RMT-1,5 inverter 0,4 | 2015 | 43025600 |
| **HXTR/6-500** | 915 | 400 | 270 | - | 0,5 | 5970 | 57 | -40 | +70 | 16 | RMT-1,5 inverter 0,4 | 2015 | 43025620 |
| **HXTR/6-560** | 915 | 400 | 482 | - | 0,9 | 8890 | 60 | -40 | +70 | 21,5 | RMT-1,5 inverter 0,4 | 2015 | 43025640 |
| **HXTR/6-630** | 895 | 400 | 651 | - | 1,2 | 11870 | 61 | -40 | +60 | 24 | RMT-1,5 inverter 0,75 | 2015 | 43025660 |
| **HXTR/6-710** | 930 | 400 | 1116 | - | 2,4 | 15710 | 62 | -40 | +40 | 27 | inverter 1,5 | 2015 | 43025680 |
| **HXTR/6-800** | 920 | 400 | 1910 | - | 3,8 | 24380 | 63 | -40 | +50 | 46 | inverter 2,2 | 2015 | 43025710 |
| **THREE-PHASE 8-POLE** | | | | | | | | | | | | | |
| **HXTR/8-800** | 650 | 400 | 802 | - | 1,5 | 17460 | 55 | -40 | +70 | 45 | inverter 0,75 | 2015 | 43025712 |
| **THREE-PHASE 12-POLE** | | | | | | | | | | | | | |
| **HXTR/12-800** | 450 | 400 | 309 | - | 0,7 | 12050 | 48 | -40 | +70 | 43 | inverter 0,4 | 2015 | 43025720 |

* Sound pressure level measured in free field conditions at a distance equivalent to three times the diameter of the impeller with a minimum of 1,5 meters.

## PERFORMANCE CURVES

- $q_v$ - Airflow in $m^3/h$ and $m^3/s$
- $p_{sf}$ - Static pressure in Pa
- $p_g$ - Protection guard pressure drop in Pa
- SFP - Specific fan power in $W/m^3/s$
- P - Input power in W
- Measurement category: A
- Efficiency category: static
- Fan efficiency without speed control.
- Fan tested without protection guard.
- Airflow data in accordance with ISO 5801.
- Sound pressure level dB(A), measured in a free field distance equal to 3 times the diameter, with a minimum of 1,5 m

Example curve



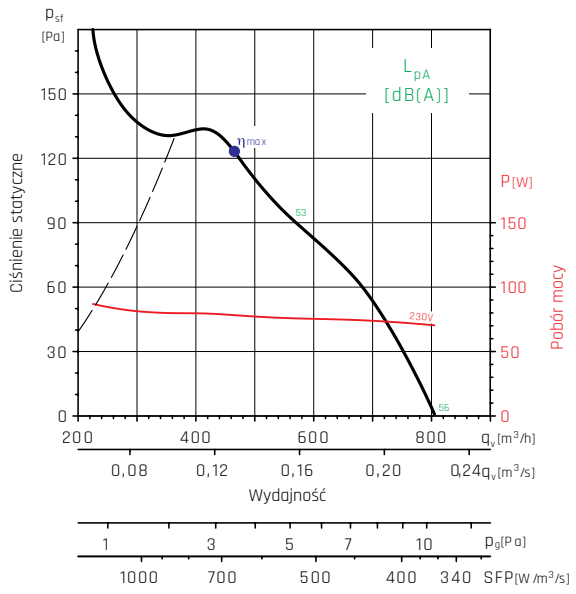

| | |
|---|---|
| **MC** | Measurement category |
| **EC** | Efficiency category |
| **VSD** | Speed control: supplied with the fan |
| **SR** | Specific ratio |
| **η [%]** | Efficiency |
| **N** | Efficiency grade |
| **[kW]** | Absorbed power |
| **[m³/h]** | Airflow |
| **[Pa]** | Static pressure |
| **[RPM]** | Speed |

| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 28,5 | 38,5 | 0,258 | 3279 | 81 | 1350 |

● - highest efficiency point.

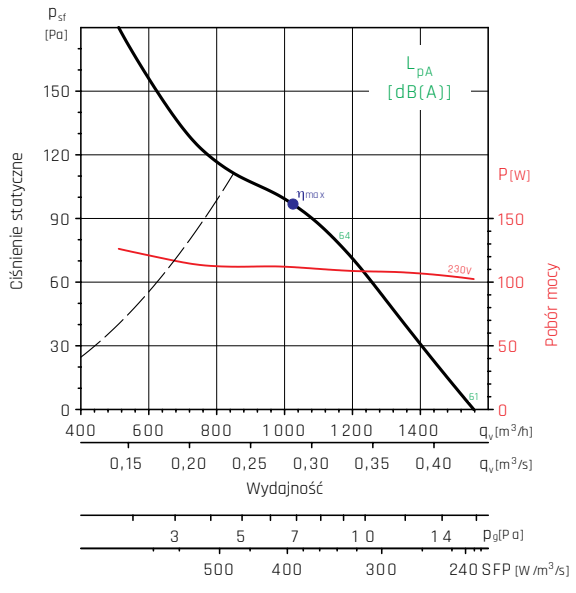
## PERFORMANCE CURVES

### HXBR/2-200



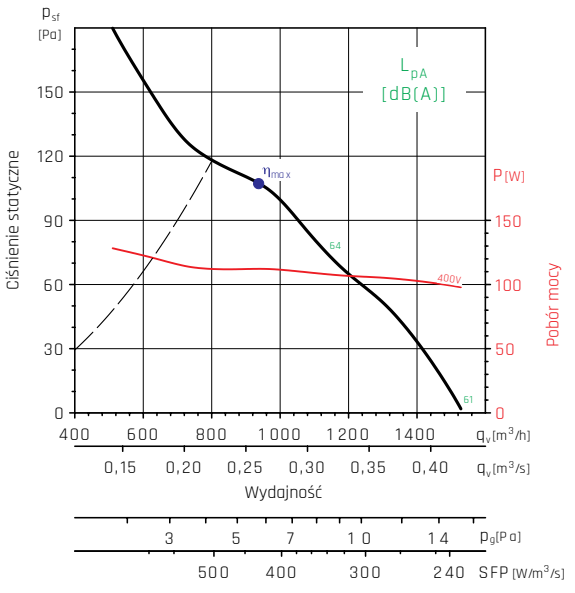

● - highest efficiency point.

### HXBR/2-250




● - highest efficiency point.

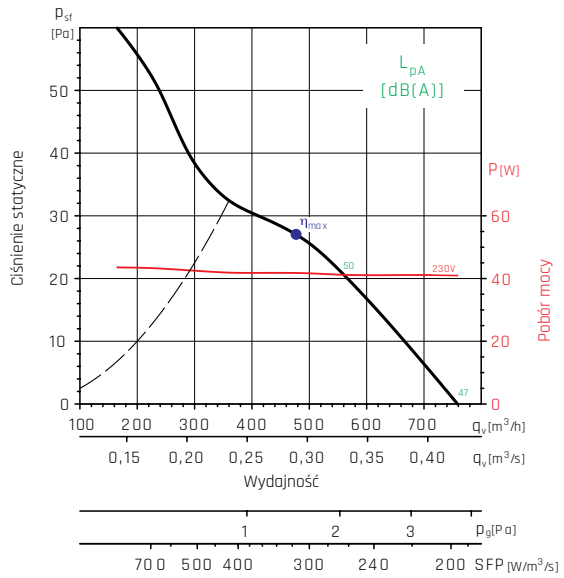
### HXTR/2-250




● - highest efficiency point.

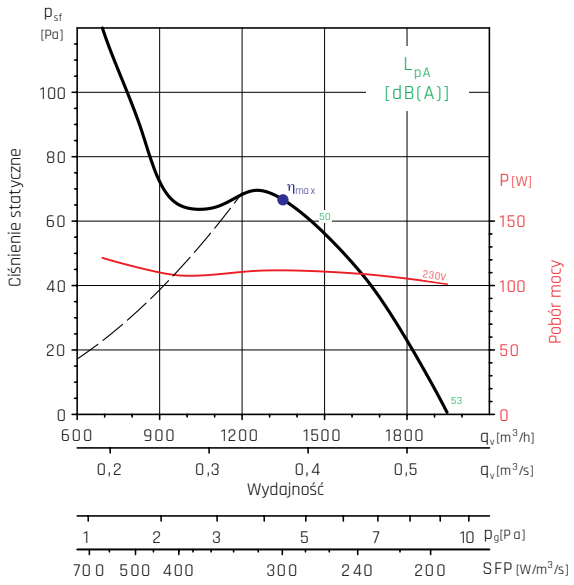
## PERFORMANCE CURVES

### HXBR/4-250



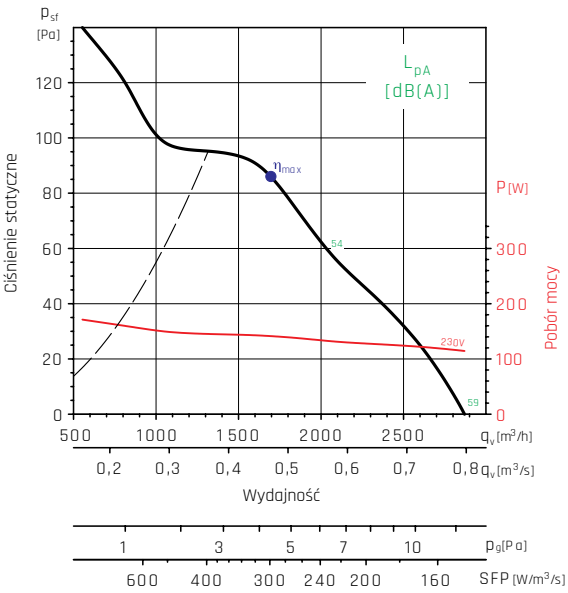

● - highest efficiency point.

### HXBR/4-315




● - highest efficiency point.

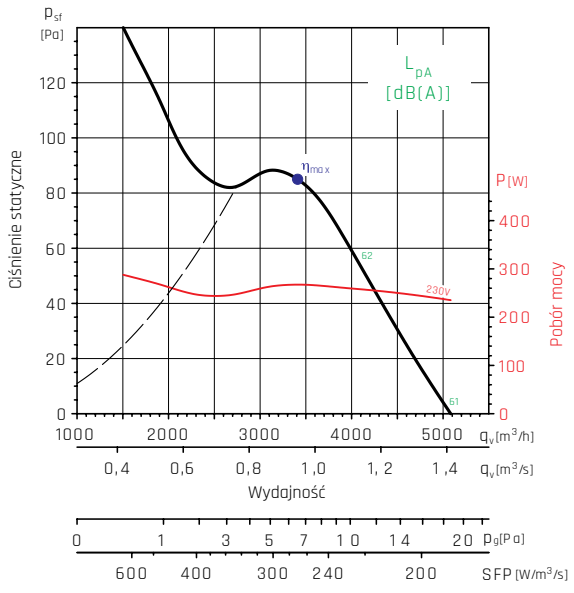
### HXBR/4-355




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| B | Static | No | 1 | 28,4 | 40,1 | 0,141 | 1691 | 86 | 1345 |

● - highest efficiency point.

### HXBR/4-400

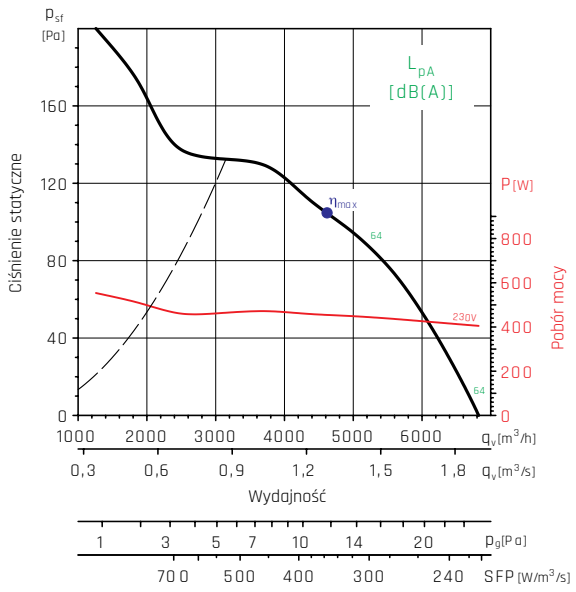



| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 30,1 | 40 | 0,268 | 3416 | 85 | 1364 |

● - highest efficiency point.

## PERFORMANCE CURVES

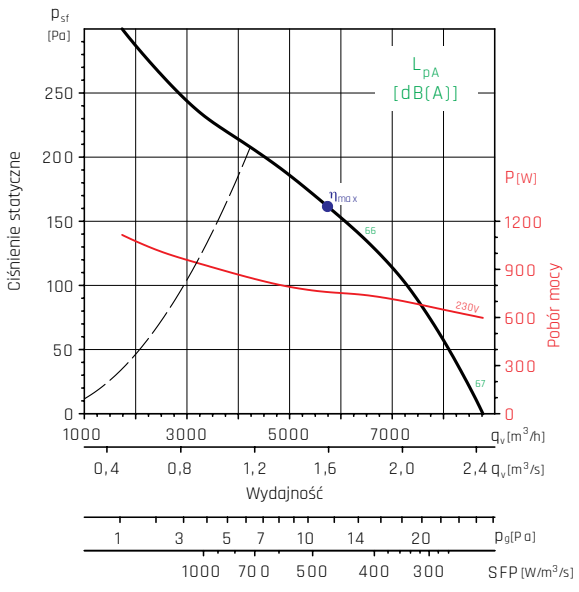
### HXBR/4-450




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 29,6 | 38,1 | 0,455 | 4611 | 105 | 1360 |

● - highest efficiency point.

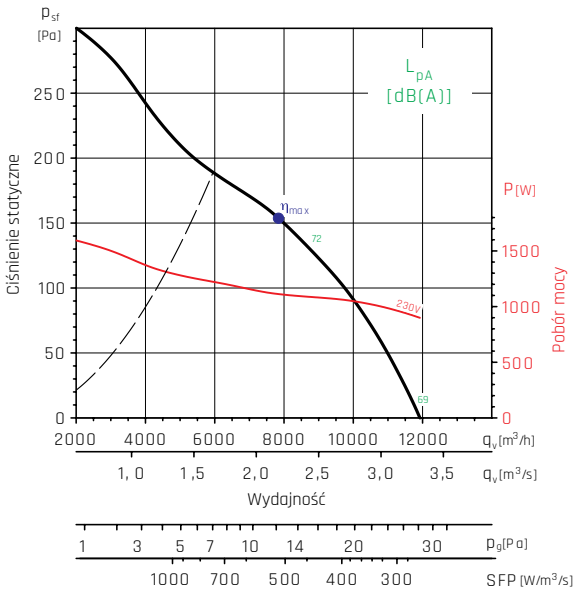
### HXBR/4-500




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 34 | 41,1 | 0,759 | 5736 | 162 | 1383 |

● - highest efficiency point.

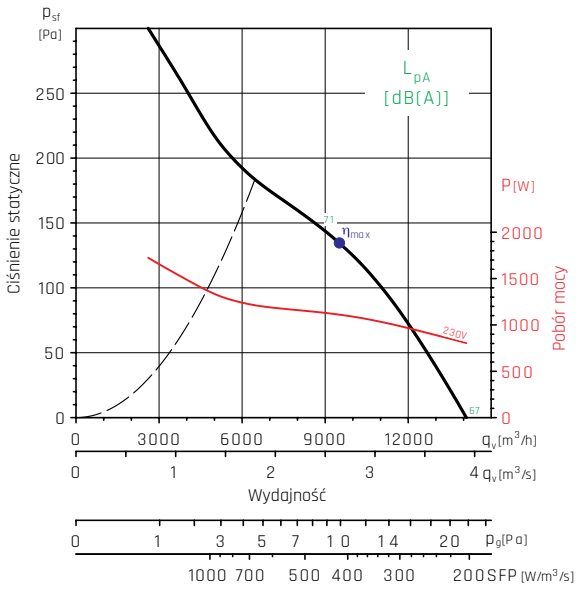
### HXBR/4-560




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 30 | 36 | 1,112 | 7836 | 154 | 1341 |

● - highest efficiency point.

### HXBR/4-630

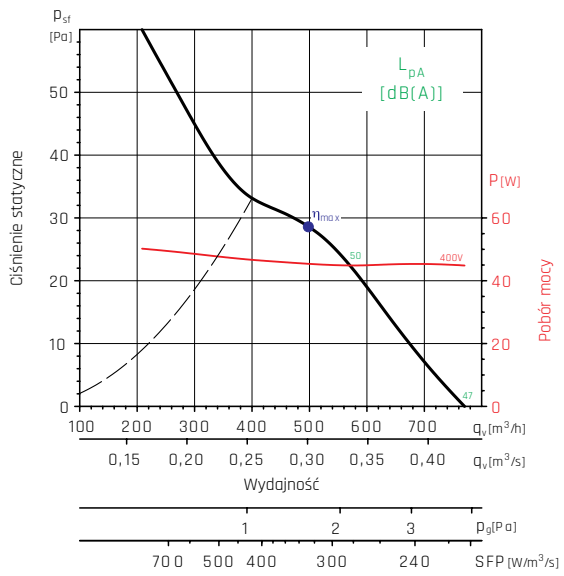



| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 32 | 38 | 1,111 | 9517 | 135 | 1389 |

● - highest efficiency point.

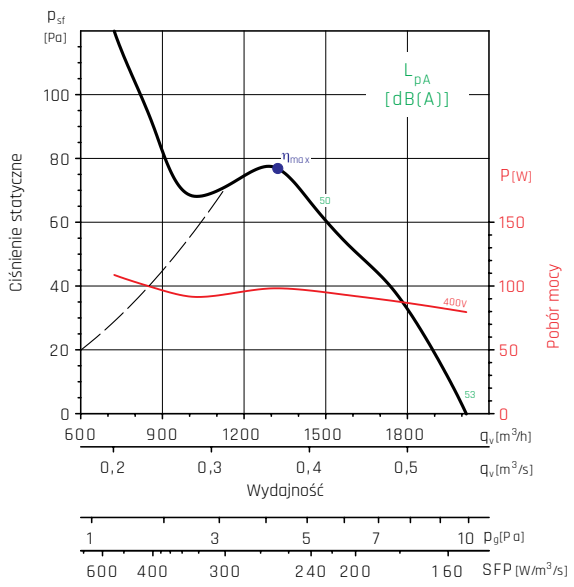
## PERFORMANCE CURVES

### HXTR/4-250



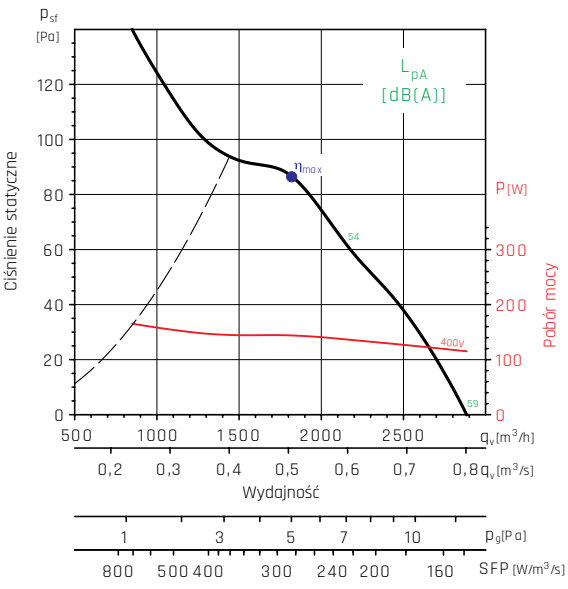

● - highest efficiency point.

### HXTR/4-315




● - highest efficiency point.

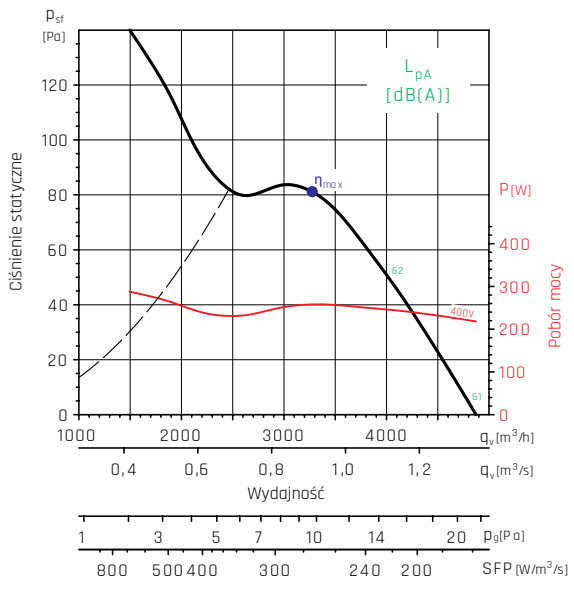
### HXTR/4-355




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 30,4 | 42 | 0,144 | 1820 | 87 | 1373 |

● - highest efficiency point.

### HXTR/4-400

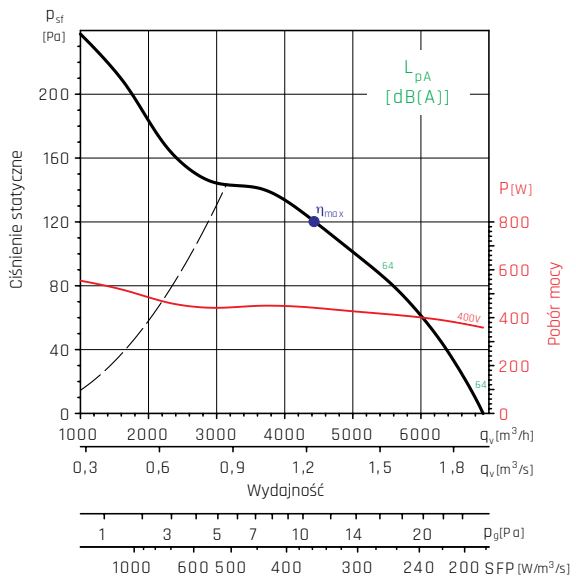



| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 28,5 | 38,5 | 0,258 | 3279 | 81 | 1350 |

● - highest efficiency point.

## PERFORMANCE CURVES

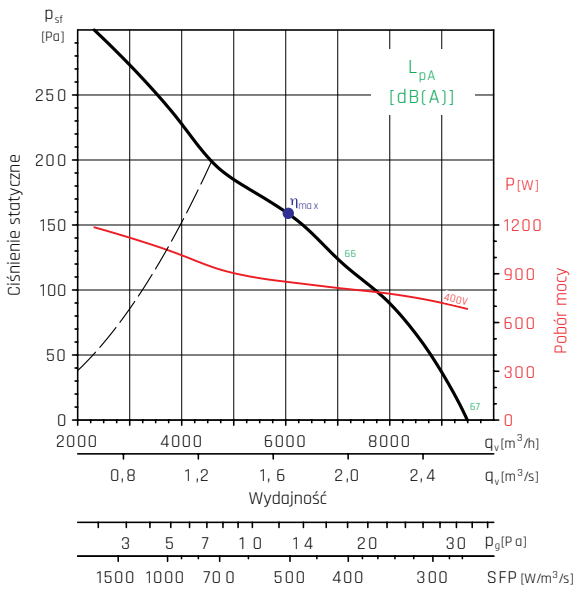
### HXTR/4-450




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 33,6 | 42,2 | 0,441 | 4439 | 120 | 1401 |

● - highest efficiency point.

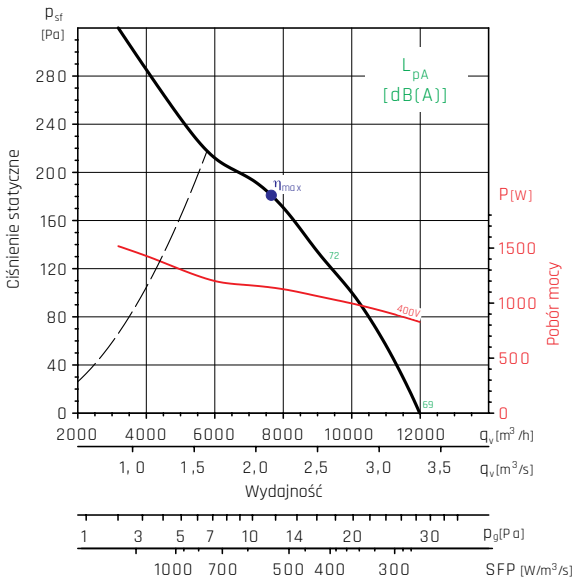
### HXTR/4-500




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 31,5 | 38,3 | 0,85 | 6050 | 159 | 1379 |

● - highest efficiency point.

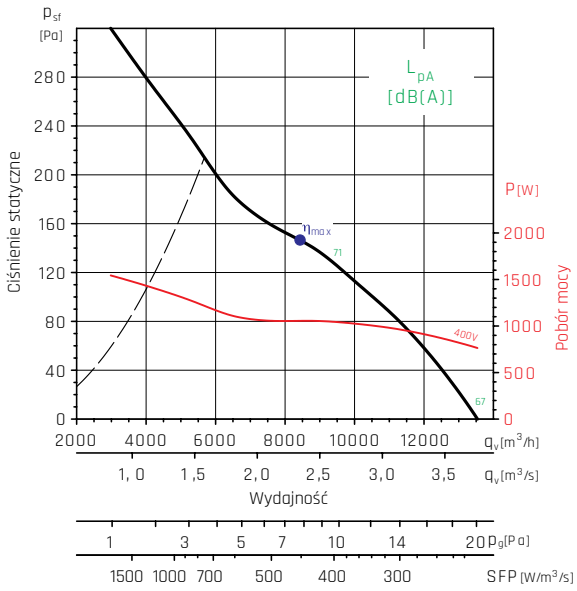
### HXTR/4-560




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 33,7 | 39,7 | 1,143 | 7656 | 182 | 1357 |

● - highest efficiency point.

### HXTR/4-630

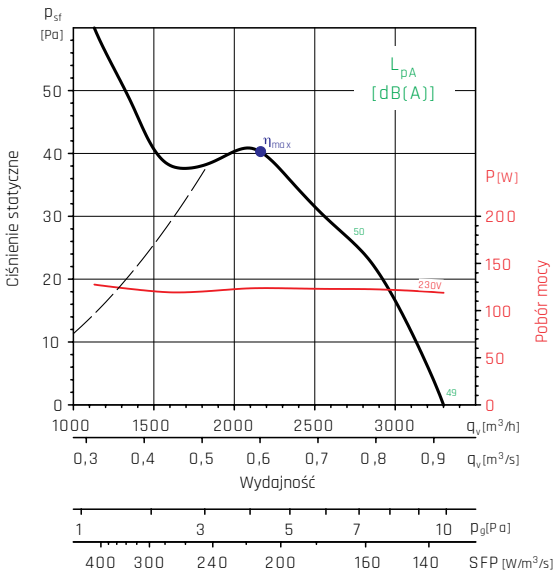



| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 32,6 | 38,8 | 1,058 | 8430 | 147 | 1385 |

● - highest efficiency point.

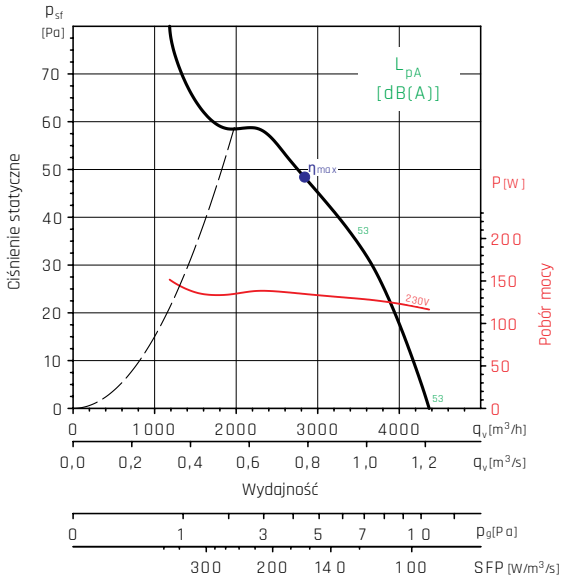
## PERFORMANCE CURVES

### HXBR/6-400




● - highest efficiency point.

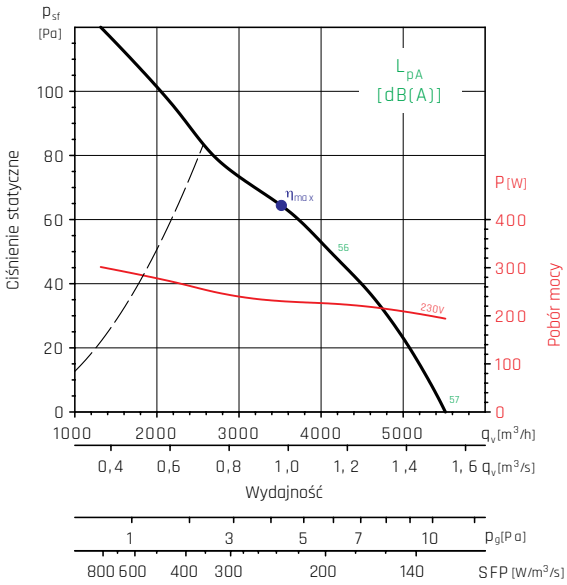
### HXBR/6-450




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 28,3 | 40,1 | 0,135 | 2840 | 48 | 908 |

● - highest efficiency point.

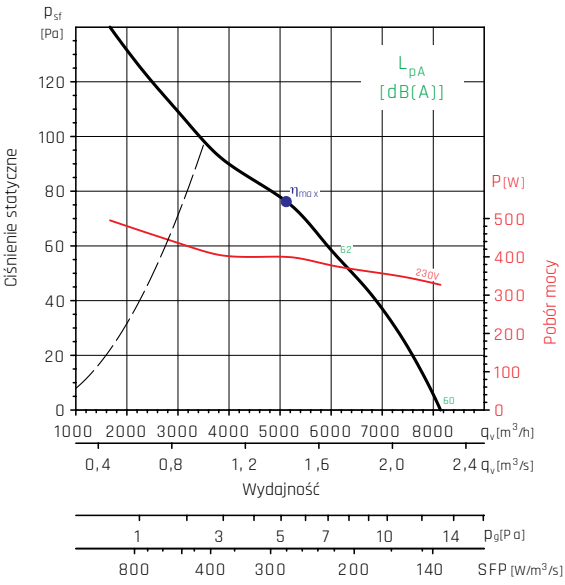
### HXBR/6-500




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 27,4 | 37,8 | 0,23 | 3521 | 65 | 906 |

● - highest efficiency point.

### HXBR/6-560

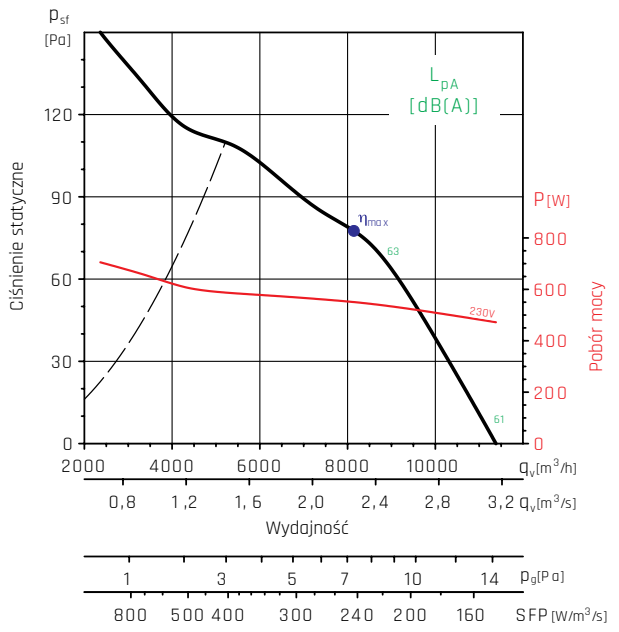



| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 27,2 | 36 | 0,4 | 5126 | 76 | 879 |

● - highest efficiency point.

## PERFORMANCE CURVES

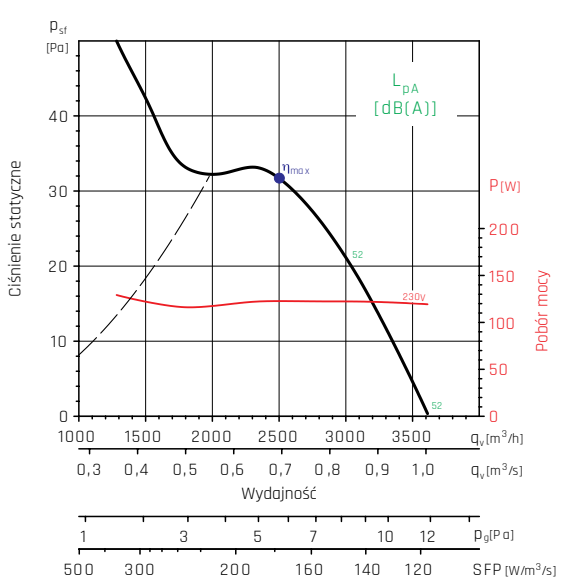
### HXBR/6-630




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 32 | 40 | 0,551 | 8143 | 78 | 879 |

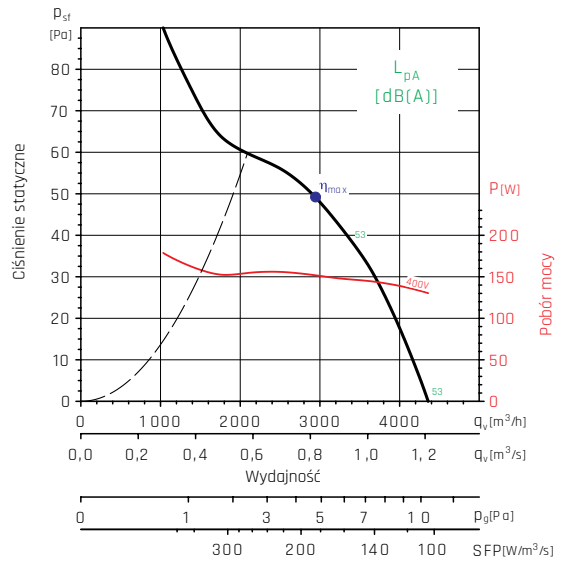
● - highest efficiency point.

### HXTR/6-400




● - highest efficiency point.

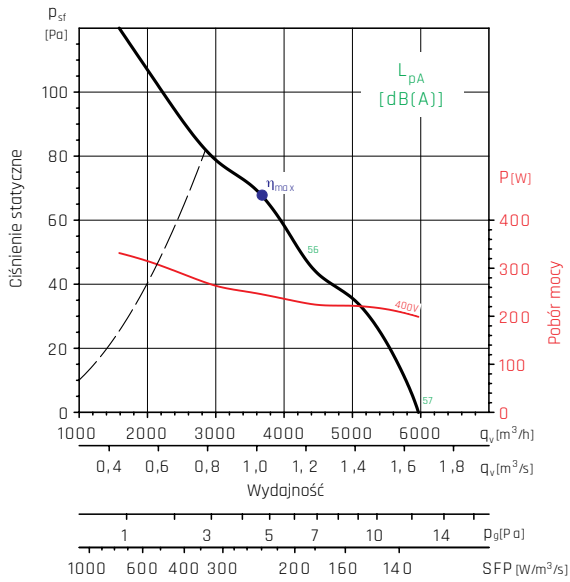
### HXTR/6-450




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 26,4 | 37,9 | 0,152 | 2942 | 49 | 918 |

● - highest efficiency point.

### HXTR/6-500

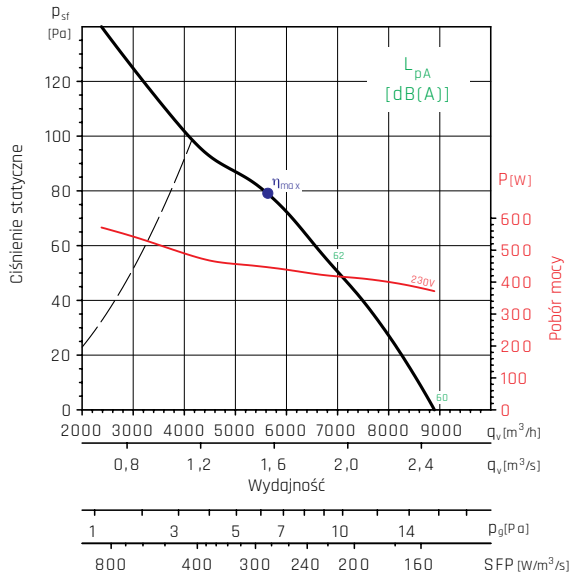



| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 28,2 | 38,4 | 0,246 | 3673 | 68 | 889 |

● - highest efficiency point.

## PERFORMANCE CURVES

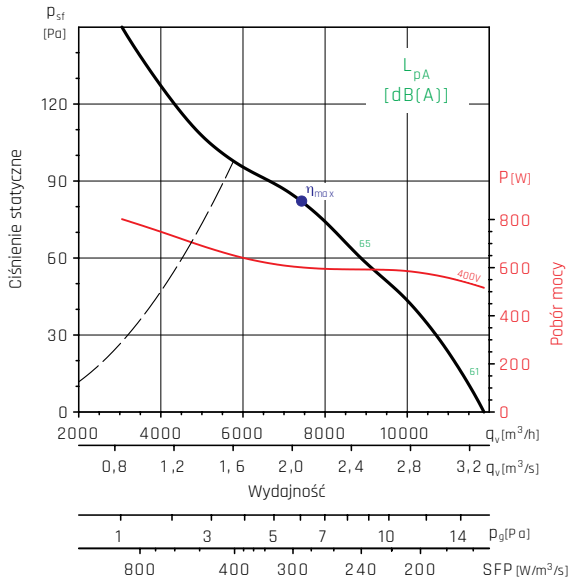
### HXTR/6-560




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 27,7 | 36,2 | 0,447 | 5637 | 79 | 895 |

● - highest efficiency point.

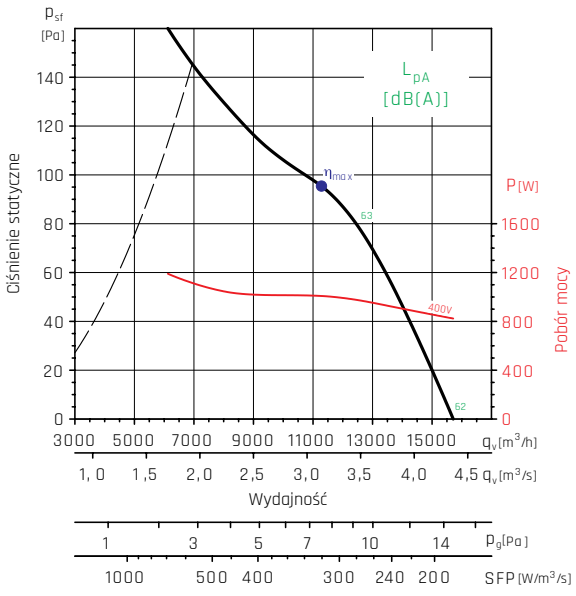
### HXTR/6-630




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 28,3 | 36 | 0,601 | 7434 | 82 | 870 |

● - highest efficiency point.

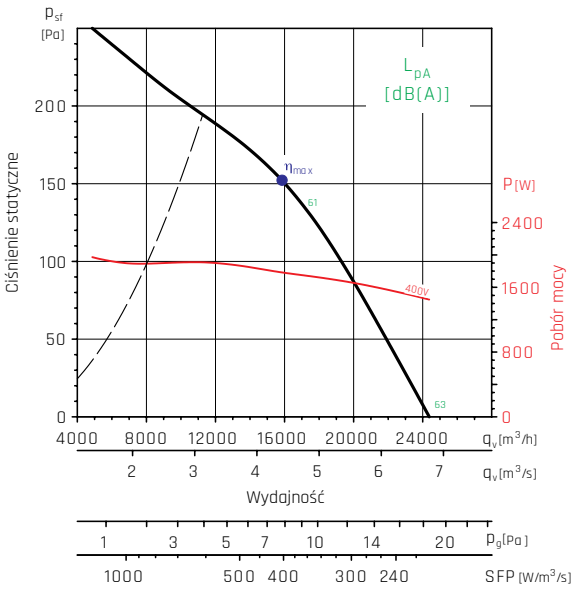
### HXTR/6-710




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 29,7 | 36 | 1,008 | 11280 | 95 | 905 |

● - highest efficiency point.

### HXTR/6-800

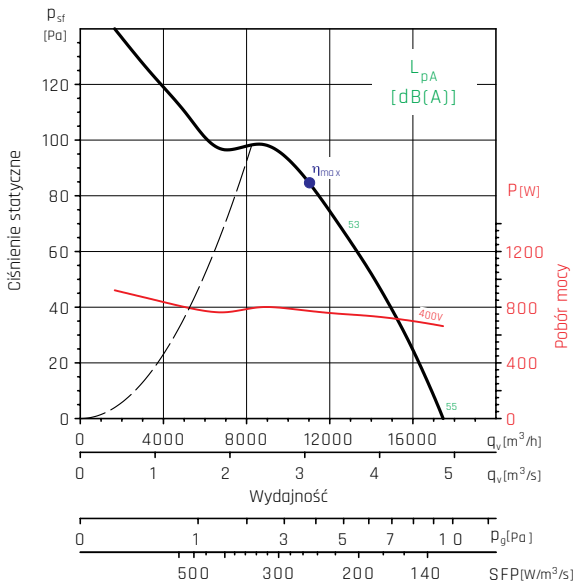



| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 37,5 | 42,2 | 1,784 | 15844 | 152 | 898 |

● - highest efficiency point.

## PERFORMANCE CURVES

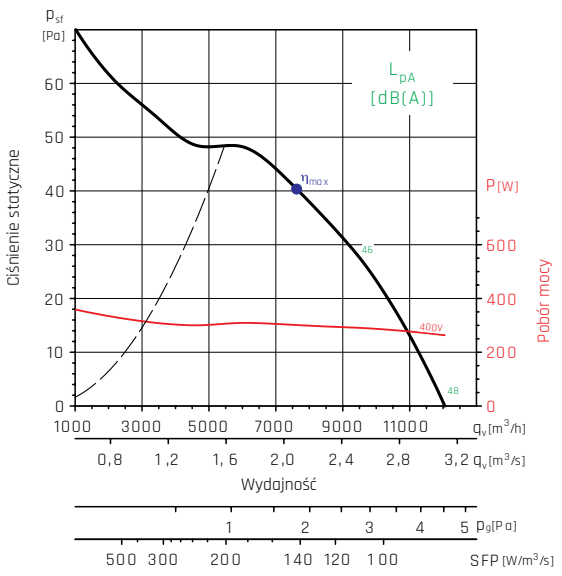
HXTR/8-800




| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 33,5 | 40,5 | 0,772 | 10994 | 85 | 634 |

● - highest efficiency point.

HXTR/12-800

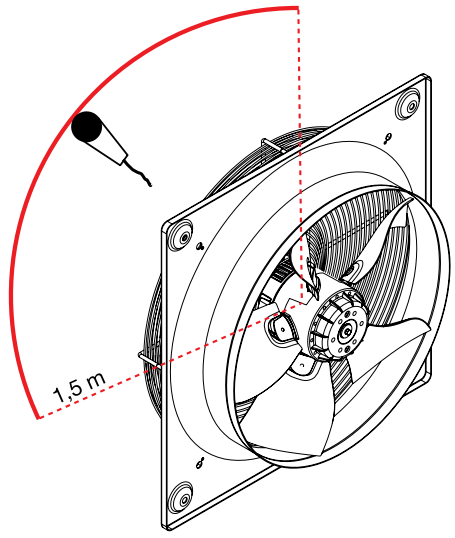



| MC | EC | VSD | SR | η[%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|---|---|---|---|---|---|---|---|---|---|
| A | Static | No | 1 | 28,4 | 38 | 0,301 | 7610 | 40 | 439 |

● - highest efficiency point.

## ACOUSTIC CHARACTERISTICS

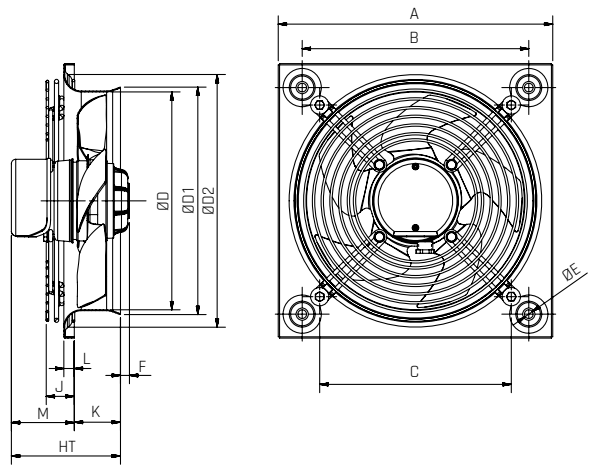
The sound levels –NPS- shown in the technical characteristic chart correspond to the value of sound pressure, dB(A), measured in free feld conditions at a distance equivalent to three times the diameter of the impeller with a minimum of 1,5 meters.
Sound power level spectrum in dB(A) at the corresponding octave band average frequencies in Hz



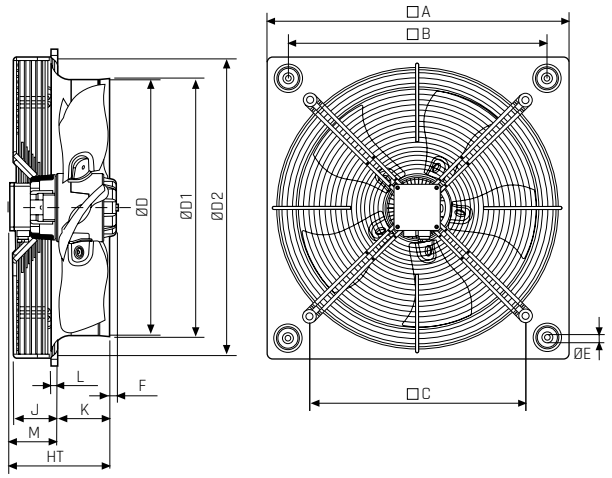

| Type | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | $L_{WA}$ |
|---|---|---|---|---|---|---|---|---|---|
| **2-200** | 37 | 42 | 64 | 64 | 65 | 64 | 58 | 49 | 71 |
| **2-250** | 43 | 51 | 66 | 65 | 70 | 71 | 67 | 61 | 76 |
| **4-250** | 29 | 37 | 52 | 51 | 56 | 57 | 53 | 47 | 61 |
| **4-315** | 38 | 50 | 53 | 62 | 62 | 62 | 57 | 47 | 67 |
| **4-355** | 37 | 54 | 58 | 64 | 70 | 68 | 62 | 52 | 73 |
| **4-400** | 40 | 59 | 63 | 69 | 72 | 70 | 64 | 58 | 76 |
| **4-450** | 43 | 61 | 72 | 73 | 73 | 72 | 66 | 61 | 79 |
| **4-500** | 43 | 61 | 69 | 75 | 78 | 74 | 68 | 64 | 81 |
| **4-560** | 51 | 66 | 74 | 78 | 81 | 78 | 72 | 67 | 85 |
| **4-630** | 54 | 70 | 75 | 76 | 79 | 77 | 72 | 66 | 84 |
| **B/6-400** | 28 | 47 | 51 | 57 | 60 | 58 | 52 | 46 | 64 |
| **T/6-400** | 30 | 49 | 53 | 59 | 62 | 60 | 54 | 48 | 66 |
| **6-450** | 32 | 50 | 61 | 62 | 62 | 61 | 55 | 50 | 67 |
| **6-500** | 33 | 51 | 59 | 65 | 68 | 64 | 58 | 54 | 72 |
| **6-560** | 41 | 56 | 64 | 68 | 71 | 68 | 62 | 57 | 75 |
| **6-630** | 48 | 64 | 69 | 70 | 73 | 71 | 66 | 60 | 78 |
| **6-710** | 56 | 63 | 70 | 73 | 76 | 73 | 67 | 63 | 80 |
| **6-800** | 46 | 62 | 68 | 71 | 79 | 75 | 70 | 62 | 82 |
| **8-800** | 38 | 54 | 60 | 63 | 71 | 67 | 62 | 54 | 74 |
| **12-800** | 31 | 47 | 53 | 56 | 64 | 60 | 55 | 47 | 67 |

## DIMENSIONS [mm]

Type 200, 250, 315 and 355

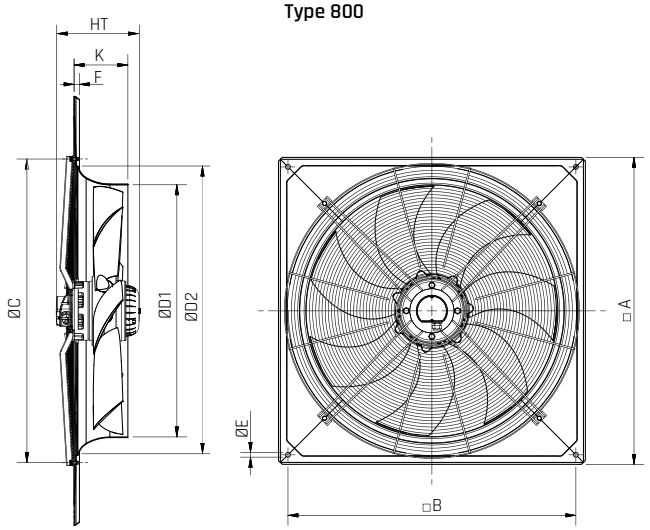



Type 400, 450, 500, 560, 630 and 710




| Type | A | B | C | D | D1 | D2 | E | F | | | | | | HT | | J | K | L | M | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 1~ | | | 3~ | | | | | | | | | |
| | | | | | | | | /2 | /4 | /6 | /2 | /4 | /6 | 1~ | 3~ | | | | 1~ | 3~ |
| **200** | 312 | 260 | 173 | 200 | 203 | 227 | 4,5 | 25,5 | - | - | - | - | - | 100 | - | 13 | 46 | 6 | 54 | - |
| **250** | 315 | 260 | 220 | 250 | 261 | 294 | 10 | 10,5 | 0 | - | 10,5 | 0 | - | 126 | 126 | 33 | 53 | 12 | 73 | 73 |
| **315** | 400 | 330 | 280 | 315 | 320 | 329 | 10 | - | 0 | - | - | 0 | - | 149 | 149 | 41 | 68 | 12 | 82 | 82 |
| **355** | 450 | 380 | 315 | 355 | 363 | 371 | 10 | - | 0 | - | - | 0 | - | 156 | 156 | 41 | 75 | 12 | 82 | 82 |
| **400** | 500 | 420 | 355 | 400 | 410 | 422 | 10 | - | 12 | 0 | - | 0 | 0 | 200 | 176 | 92 | 78 | 12 | 122 | 97 |
| **450** | 560 | 480 | 400 | 450 | 457 | 476 | 10 | - | 0 | 0 | - | 0 | 0 | 204 | 179 | 68 | 91 | 12 | 114 | 89 |
| **500** | 630 | 560 | 450 | 500 | 512 | 536 | 10 | - | 13 | 0 | - | 13 | 0 | 201 | 176 | 60 | 97 | 12 | 104 | 79 |
| **560** | 710 | 630 | 510 | 560 | 570 | 596 | 10 | - | 20 | 2 | - | 20 | 0 | 213 | 188 | 70 | 99 | 12 | 114 | 89 |
| **630** | 800 | 710 | 580 | 630 | 640 | 647 | 10 | - | 25 | 25 | - | 25 | 7 | 207 | 182 | 60 | 103 | 12 | 104 | 79 |
| **710** | 900 | 800 | 637 | 710 | 720 | 733 | 10 | - | - | 11 | - | - | 11 | 221 | 206 | 115 | 92 | 17 | 130 | 115 |

Type 800




| Type | A | B | C | D1 | D2 | E | F | HT | K |
|---|---|---|---|---|---|---|---|---|---|
| **6-800** | 970 | 910 | 960 | 797 | 914 | 14,5 | 17 | 262 | 170 |
| **8-800** | 970 | 910 | 960 | 797 | 914 | 14,5 | 17 | 245 | 170 |
| **12-800** | 970 | 910 | 960 | 797 | 914 | 14,5 | 17 | 467 | 170 |

## ACCESSORY ASSEMBLY

| Type | exhaust side louvre shutters | |
|---|---|---|
| | PER-W/N - plastic | PER-CN/CR - aluminium |
| **200** | 40520730 | - |
| **250** | 40520740 | 40520510 |
| **315** | 40520750 | 40520520 |
| **355** | 40520760 | 40520520 |
| **400** | 40520765 | 40520530 |
| **450** | 40520770 | 40520540 |
| **500** | 40520775 | 40520550 |
| **560** | 40520780 | 40520596 |
| **630** | 40520785 | 40520596 |
| **710** | 40520790 | 40520597 |
| **800** | 40520110 | 40523490 |

exhaust side louvre shutters **PER-W** p. 324

exhaust side louvre shutters **PER-CN/CR** p. 325

## ELECTRICAL ACCESSORIES

| Type | wall thermostat | duct thermostat | air quality sensor | humidistat | remote speed control | | |
|---|---|---|---|---|---|---|---|
| | TS | TK-1 | SQA | HIG-2 | REB N | REB NE | TLR |
| **HXBR/2-200** | 40025345 | 40025330 | 40025140 | 40025150 | 40025010 | 40025020 | 40025025 |
| **HXBR/2-250** | 40025345 | 40025330 | 40025140 | 40025150 | 40025010 | 40025020 | 40025025 |
| **HXBR/4-250** | 40025345 | 40025330 | 40025140 | 40025150 | 40025010 | 40025020 | 40025025 |
| **HXBR/4-315** | 40025345 | 40025330 | 40025140 | 40025150 | 40025010 | 40025020 | 40025025 |
| **HXBR/4-355** | 40025345 | 40025330 | 40025140 | 40025150 | 40025010 | 40025020 | 40025025 |
| **HXBR/4-400** | 40025345 | 40025330 | 40025140 | 40025150 | 40025030 | 40025040 | 40025025 |
| **HXBR/4-450** | 40025345 | 40025330 | 40025140 | 40025150 | 40025030 | 40025040 | 40025045 |
| **HXBR/4-500** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | 40025051 | - | - |
| **HXBR/4-560** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | 40025055 | - | - |
| **HXBR/4-630** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | 40025055 | - | - |
| **HXBR/6-400** | 40025345 | 40025330 | 40025140 | 40025150 | 40025010 | 40025020 | 40025025 |
| **HXBR/6-450** | 40025345 | 40025330 | 40025140 | 40025150 | 40025010 | 40025020 | 40025025 |
| **HXBR/6-500** | 40025345 | 40025330 | 40025140 | 40025150 | 40025030 | 40025040 | 40025025 |
| **HXBR/6-560** | 40025345 | 40025330 | 40025140 | 40025150 | 40025030 | 40025040 | 40025045 |
| **HXBR/6-630** | 40025345 | 40025330 | 40025140 + contactor | 40025150 + contactor | 40025051 | - | - |
| **HXTR/2-250** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/4-250** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/4-315** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/4-355** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/4-400** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/4-450** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/4-500** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/4-560** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/4-630** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/6-400** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/6-450** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/6-500** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/6-560** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/6-630** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/6-710** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/6-800** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/8-800** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |
| **HXTR/12-800** | 40025345 + contactor | 40025330 + contactor | 40025140 + contactor | 40025150 + contactor | - | - | - |

## ELECTRICAL ACCESSORIES

| Type | 11-speed thyristor regulator | 2-adjustable 6-speed thyristor regulator | ERV | transformer regulator | | | transformer regulator 2-adjustable | | inverter |
|---|---|---|---|---|---|---|---|---|---|
| | IRF | RND-1 | | RMB | RVS | RMT | SC2 | SC2A | |
| **HXBR/2-200** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/2-250** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/4-250** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/4-315** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/4-355** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/4-400** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/4-450** | 40015154 | 40025630 | 40025046 | 40025070 | 40025234 | - | 40025252 | 40025253 | - |
| **HXBR/4-500** | 40015154 | - | 40025053 | 40025070 | 40025235 | - | 40025254 | 40025255 | - |
| **HXBR/4-560** | - | - | 40025054 | - | - | - | 40025258 | 40025259 | - |
| **HXBR/4-630** | - | - | 40025054 | - | - | - | 40025258 | 40025259 | - |
| **HXBR/6-400** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/6-450** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/6-500** | 40015154 | 40025630 | 40025046 | 40025060 | 40025232 | - | 40025250 | 40025251 | - |
| **HXBR/6-560** | 40015154 | 40025630 | 40025046 | 40025070 | 40025234 | - | 40025252 | 40025253 | - |
| **HXBR/6-630** | 40015154 | - | 40025046 | 40025070 | 40025234 | - | 40025254 | 40025255 | - |
| **HXTR/2-250** | - | - | - | - | - | - | - | - | 40016302 |
| **HXTR/4-250** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/4-315** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/4-355** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/4-400** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/4-450** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/4-500** | - | - | - | - | - | 40025105 | - | 40025272 | 40016312 |
| **HXTR/4-560** | - | - | - | - | - | - | - | - | 40016312 |
| **HXTR/4-630** | - | - | - | - | - | - | - | - | 40016312 |
| **HXTR/6-400** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/6-450** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/6-500** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/6-560** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/6-630** | - | - | - | - | - | 40025100 | - | 40025270 | 40016302 |
| **HXTR/6-710** | - | - | - | - | - | - | - | - | 40016312 |
| **HXTR/6-800** | - | - | - | - | - | - | - | - | 40016322 |
| **HXTR/8-800** | - | - | - | - | - | - | - | - | 40016302 |
| **HXTR/12-800** | - | - | - | - | - | - | - | - | 40016302 |

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thermostat **TK-1** p. 650

sensor **SQA** p. 645

humidistat **HIG-2** p. 645

regulator **REB** p. 639

regulator **TLR** p. 639

regulator **IRF** p. 639

regulator **RND-1** p. 641

regulator **ERV** p. 642

regulator **RMB/RMT** p. 640

regulator **RVS** p. 640

transformer 2-adjustable p. 641

inverter p. 643