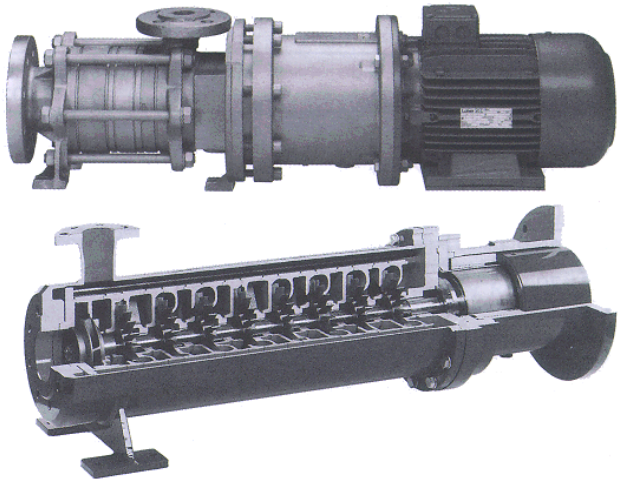
# Side Channel Pumps

## CEH 1201 ... 6108
## CEH 1201/6 ... 6107/6 with magnetic coupling

### TECHNICAL DATA

| | |
|---|---|
| Output: | max. 35 m³/h |
| Delivery head: | max. 354 m (at 1450 rpm) |
| Speed: | max. 1800 rpm |
| Temperature: | max. 180 °C |
| Casing pressure: | PN 40 / PN 25 |
| Shaft sealing: | without shaft seal<br>because of magnetic coupling |
| Flange connections: | DIN 2501 PN 40 |
| Direction of rotation: | anti-clockwise, seen from<br>the drive on the pump |



CEH pump with shell

### APPLICATION

CEH pumps are side channel pumps with **NPSH inducer stage** suitable to handle liquids which do not contain solid matters or abrasive admixtures. The NPSH inducer stage allows the operation under unfavourable pumping conditions at suction side, also at positive suction heads lower than 0,5 m.
The special ability of these pumps to handle liquids at the boiling point has led to a wide field of application when condensate, distillate, coolant and liquefied gas shall be pumped.
CEH pumps are applied in the chemical and petrochemical industry, in the pharmaceutical industry, in the plastic and rubber industry, in the surface finishing and hardening, in the foot, beverage and tobacco industry and in the air conditioning and refrigeration engineering.

Pumps of the series CEH····/6 with retaining sage to guarantee the min. filling level in the pump are especially applied to handle liquids under vapour pressure, also from underground tanks.

### DESIGN

Pumps of the series CEH are horizontal, selfpriming side channel pumps, capable of handling gas along with the medium, in segmental-type construction, with open vane wheel impeller as well as pre-arranged centrifugal stage for attaining favourable NPSH values. The sealing to atmosphere is effected glandless by an isolation shroud; the driver power is transmitted contactless by a magnetic coupling. The use of stable permanent magnetic material ensures the transmission of the nominal torque and given protection against overload.

On the basis of the compact close coupled design has been created a pumping unit that is easily to be installed. All IEC standard motors of the construction type IM B 35 are applicable. This design permits the operation of the pump without any additional coupling. Thus the alignment, a source of trouble, can be omitted.

The pumps of the series CEH····/6 are equipped with an additional retaining stage, behind the centrifugal stage, to prevent the emptying of the pump during standstill and thus keeping the selfpriming ability of the pump.

The simple construction of the pump allows the assembly or disassembly without special tools.

### CONSTRUCTION

**Casing pressure:**

Construction size 1200, 3100, 3600, 4100, 5101 to 5104:PN 40
Construction size 5105 to 5108, 6100 :PN 25
**Please note:**
Casing pressure = zero head + inlet pressure
Test pressure 52 bar resp. 33 bar

**Branch positions:**

Suction branch arranged axially, discharge branch radially upwards.

**Flanges:**

The flanges comply with DIN 2535/PN 40
Flanges according to DIN 2512 with groove and bored to ANSI 150 or 300 as well as to BS table F is possible.

**Hydraulics:**

First hydraulics, designation of this construction type: A·

**Bearings:**

The pump shaft runs in two sleeve bearings of pure silicon carbide (SiC), lubricated by the pumping medium
The remaining axial forces are absorbed by axial sleeve bearings.
Optionally available a friction reducing coating of the bushings to avoid critical operation.
The outer magnet is directly fixed on the motor shaft consequently the external bearing becomes unnecessary. Designation of this construction type: ·F

**Sense of rotation:**

Anti-clockwise when seen from the drive on the pump.

**Shaft sealing:**

Without shaft seals by an isolation shroud Transmission of the driving moment by a magnetic coupling.
Designation of this construction type: see last page.

**Material design:**

| Pos. | BAUTELE | MATERIAL DESIGN * | | | | |
|---|---|---|---|---|---|---|
| | | 1A | 1B | 1F *** | 4B | 4F *** |
| 10.60<br>10.70<br>10.80, 10.90<br>11.40, 11.41<br>10.81 | suction casing<br>discharge casing<br>intermediate piece<br><br>retaining stage | GGG 40.3<br>(0.7043) | | | G-X 6 Cr Ni Mo 18 10<br>(1.4408) | |
| 21.00 | shaft | up to 4-stufig: 1.4462; from 5 stages: 1.4021 | | | X 2 Cr Ni Mo N 22 5 (1.4462) | |
| 23.10 | impeller | GG 25 (0.6025) | | | G-X 6 Cr Ni Mo 18 10 (1.4408) | |
| 23.50 | vane wheel impeller | Cu Zn 40 Al 2<br>(2.0550) | G-X 20 Cr 14<br>(1.4027 05) | PAEK | G-X 3 Cr Ni Mo Cu 26 6<br>(1.4517) | PAEK |
| 0242 | bearing bush | - | | | special carbon | |
| 31.40<br>52.90, 52.91<br>54.00, 54.01 | thrust bearing<br>bushing<br>bearing bush | silicon carbide (SiC) ** | | | | |
| 34.60 | stool | GG 25 (0.6025) or St 52-3 (1.0570) | | | | |
| 81.70 | isolation shroud | Hastelloy C4 (2.4610) | | | | |
| 81.71 | flange for can | St 52-3 (1.0570) | | | | |
| 84.71 | inner magnet | SmCo-magnets on St 52-3 (1.0570), jacketed with X 6 Cr Ni MoTi 17 12 2 (1.4571) | | | | |
| 84.72 | outer magnet | SmCo-magnets on St 52-3 (1.0570) | | | | |
| 84.80 | driving flange | St 52-3 (1.0570) | | | | |

* Special materials upon request, e.g. Hastelloy B/C
titanium
Monel
1.4500

** Optionally - coating to diminish the friction energy
***Only for the construction sizes 1200, 3100, 3600, 4100. Larger vane wheel impellers of PAEK are not available at present.

**Casing sealing:**

The casing sealing is made by soft Teflon and 0--ring PTFE. Designation of this construction type: 4

**Drive:**

By commercial three-phase A.C. motors, construction type IM B35. The selection is depending on the power consumption of the hydraulics, taking into consideration the density and viscosity of the pumping medium. For the motor rating the eddy current losses are to be added to the pump performance.
Motors controlled by frequency converters are admissible. The motors and magnetic couplings indicated in the delivery programme are selected for a mains frequency of max. 50 Hz and are applicable for watery liquids. In case of differing speeds other magnetic dipole moments are necessary for the couplings. It is recommendable to check the selection with Sterling SIHI.

**Position:**

Usually the pump units are installed horizontally. The operation with vertically installed pump units is possible, but should be made only in consultation with Sterling SIHI because of the special instructions for starting-up, the support and thermal load of the drive motor.

**General remarks:**

The following pump series with magnetic couplings are available:

Side channel pump without NPSH inducer stage:
Series **AEHB** with vertical connection flanges

Volute casing pumps acc. to:
**SIHI *ISOchem*-MAT-system e.g.:**
Series **CBMD** volute casing pump as per **DIN EN 22858 bearing bracket design**
Series **CBED** volute casing pump as per **DIN EN 22858 close coupled construction**
Series **ZLKD** volute casing pump close coupled construction - branches as per **DIN 24255 / EN 733**
Series **ZLID** inline pump
Series **ZTKA** volute casing pump for medium temperature up to 400°C

For lower delivery heads:
Series **AKLA /AKVA** single-stage inline side channel pump

Technical documentation on these programmes is available on request.

**FUNCTION**

**Partial flow:**

For the cooling of the isolation shroud, heated up by eddy currents, a partial flow is derived which at the same time serves as lubricant for the ceramic sleeve bearings. The partial flow flows through two longitudinal bores in the discharge casing into the isolation shroud and is led back through the hollow bored shaft and the balance bores of the rear vane wheel impeller to its suction side. By the pumping capability of the inner magnet, inside the isolation shroud a circulation flow is created which flows through the longitudinal bores of the inner magnet towards the bottom of the isolation shroud and in the gap between inner magnet and isolation shroud back to the front side of the inner magnet. This circulation flow is nearly independent of the operating point of the pump. Consequently the cooling of the isolation shroud is guaranteed over the entire characteristic.
By the pumping capability of the lubricating grooves in the thrust bearing disk a further flow is created through the bearing gap of the radial bearing over the thrust bearing towards the longitudinal bores of the inner magnet. Thus, also independent of the operating point of the pump, the lubrication of the bearings is guaranteed.

The front radial bearings are lubricated by a partial flow that flows from the first side channel stage through the bearing gap towards the rear side of the NPSH impeller.

**Bearings:**

The SiC bushings are clamped axially on the shaft. The material combination secures that the clamping power is maintained also in case of high temperatures. The stationary bearing inserts are screwed to the discharge casing or pressed into the intermediate piece.. Alternatively bearings coated with adamantine carbon are available. Hereby are considerably reduced the coefficients of friction during dry operation and danger to the pump can be prevented. This coating is applicable up to 250°C.

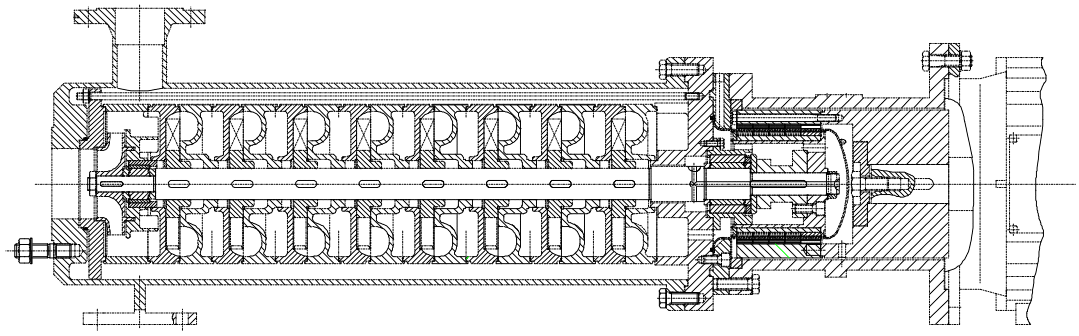
**Safety:**

The magnetic bell is directly fixed on the motor shaft. The load on the bearings resulting from this is relatively slight and therefore a damage to the bearings very improbable. In order to protect the isolation shroud against internal or external damages by rotating parts, a stationary seat is installed in the stool and at the bearing insert. The distance from the rotors is smaller than that of the rotors from the isolation shroud.
In order to obtain double leakproofness the application of fanless motors which withstand flooding, is possible. Then the sealed stool chamber serves to control the function of the isolation shroud.

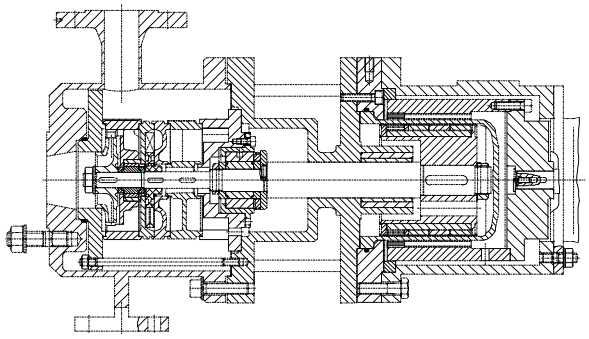
The pump has to be run with a motor load detector. It protects the machine against dry operation and operation beyond the range of the characteristic curves.

**VARIANTS**

**Pump with shell** applicable at high operating temperature and/or high operating pressure. Independent of the number of stages only two sealing points are necessary.



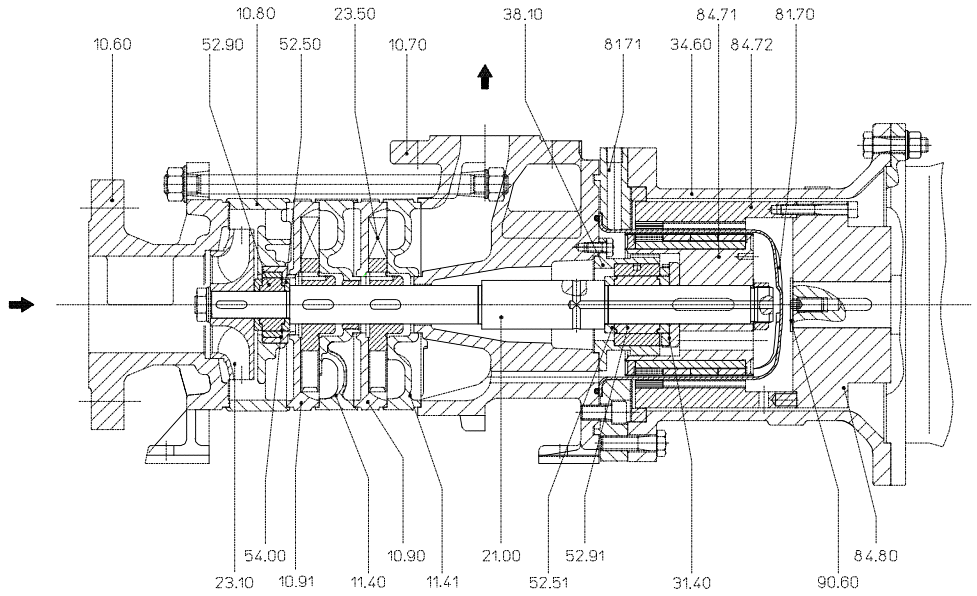
The pump shown down on the right is equipped with a heat barrier and thus applicable at medium temperatures up to 400°C without cooling.



**Pumps with heating or cooling chambers** for the handling of smeltings or boiling media also are available. For such cases special heating stages, instead of normal stages, are installed in the pump and thus offering the heating or cooling by means of liquid or vapour.

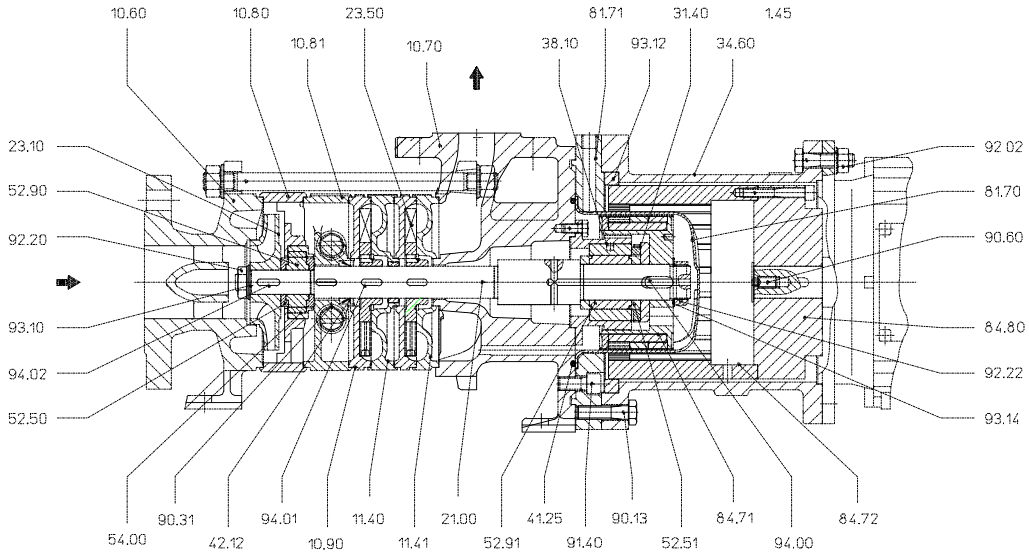
## Sectional drawing and nomenclature

### CEH



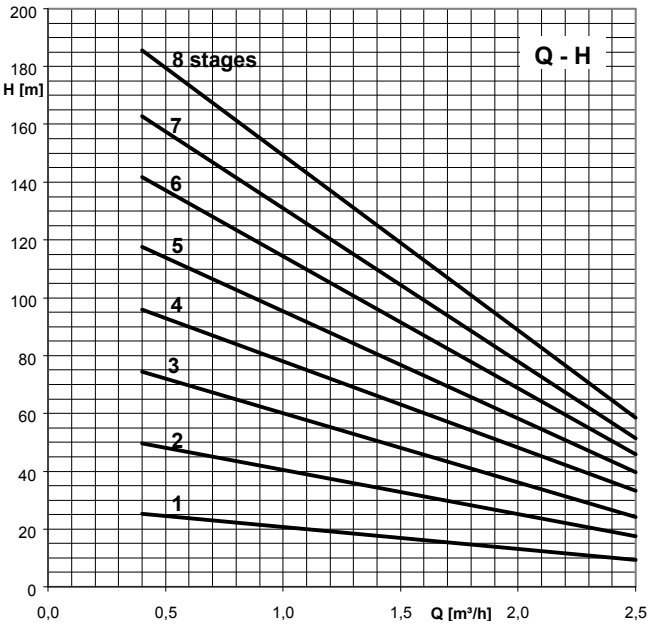

| | | | | | |
|---|---|---|---|---|---|
| 10.60 | suction casing | 23.50 | vane wheel impeller | 81.70 | isolation shroud |
| 10.70 | discharge casing | 31.40 | thrust bearing | 81.71 | flange for can |
| 10.80 | intermediate piece | 34.60 | stool | 84.71 | interior magnet |
| 10.90, 10.91 | suction piece | 38.10 | bearing carrier | 84.72 | exterior magnet |
| 11.40, 11.41 | discharge piece | 52.50, 52.51 | spacer | 84.80 | driving flange |
| 21.00 | shaft | 52.90, 52.91 | sleeve | 90.60 | shaft screw |
| 23.10 | impeller | 54.00 | bearing bush | | |

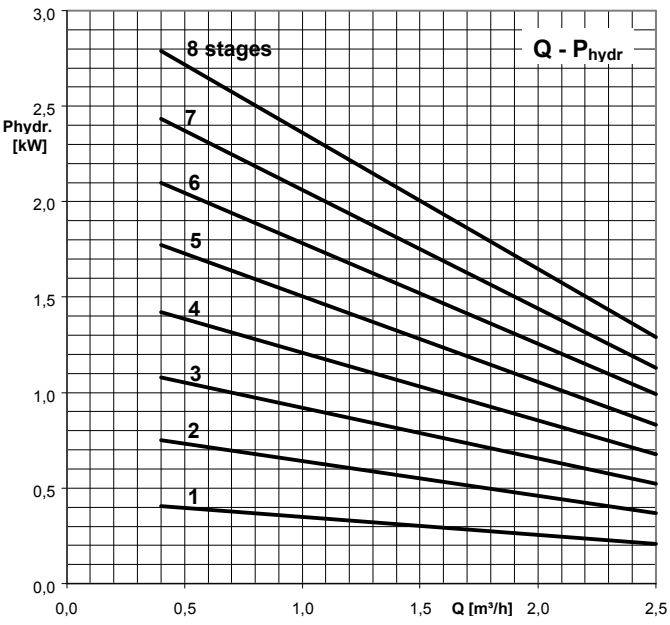
### CEH /6

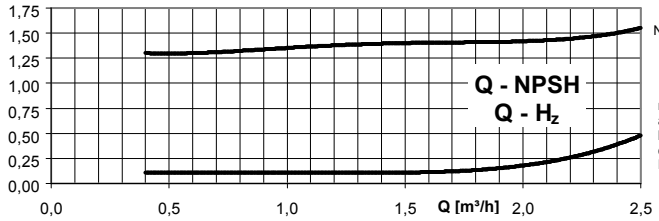



| | | | | | |
|---|---|---|---|---|---|
| 10.60 | suction casing | 23.10 | impeller | 54.00 | bearing bush |
| 10.70 | discharge casing | 23.50 | vane wheel impeller | 81.70 | isolation shroud |
| 10.80 | intermediate piece | 31.40 | thrust bearing | 81.71 | flange for can |
| 10.81 | retaining stage | 34.60 | stool | 84.71 | interior magnet |
| 10.90, 10.91 | suction piece | 38.10 | bearing carrier | 84.72 | exterior magnet |
| 11.40, 11.41 | discharge piece | 52.50, 52.51 | spacer | 84.80 | driving flange |
| 21.00 | shaft | 52.90, 52.91 | sleeve | 90.60 | shaft screw |

## Characteristic curves



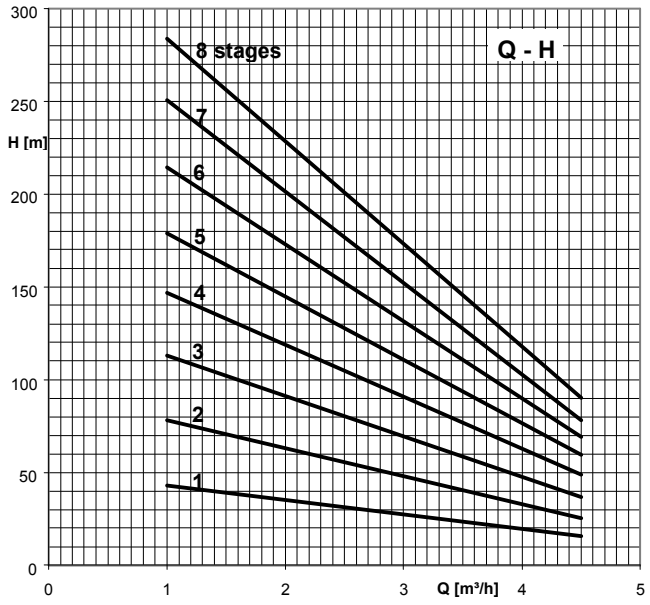



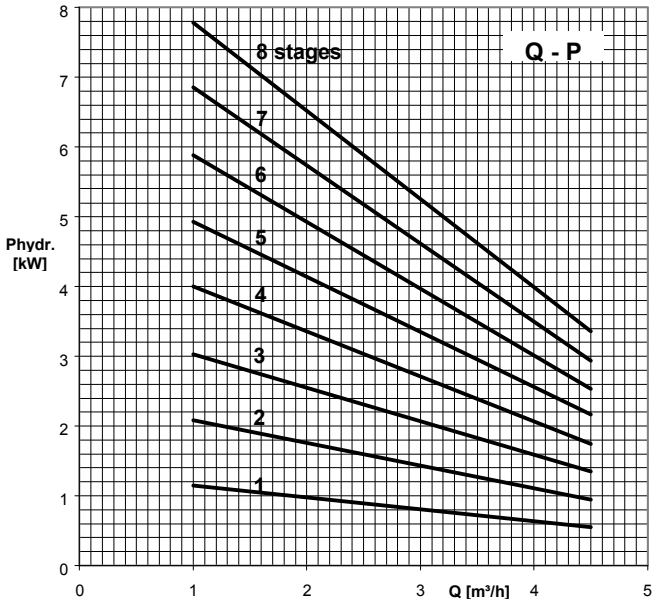



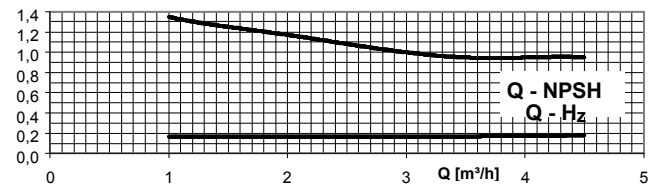

## CEH 1200 with magnetic coupling

**n = 1450 rpm, Visc.= 1 mm²/s, spec.grav. = 1 kg/dm³**

* pay attention to suction conditions



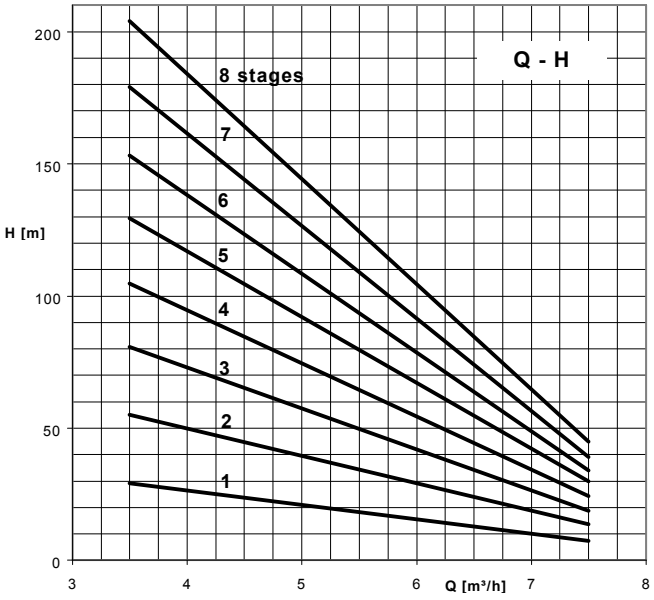



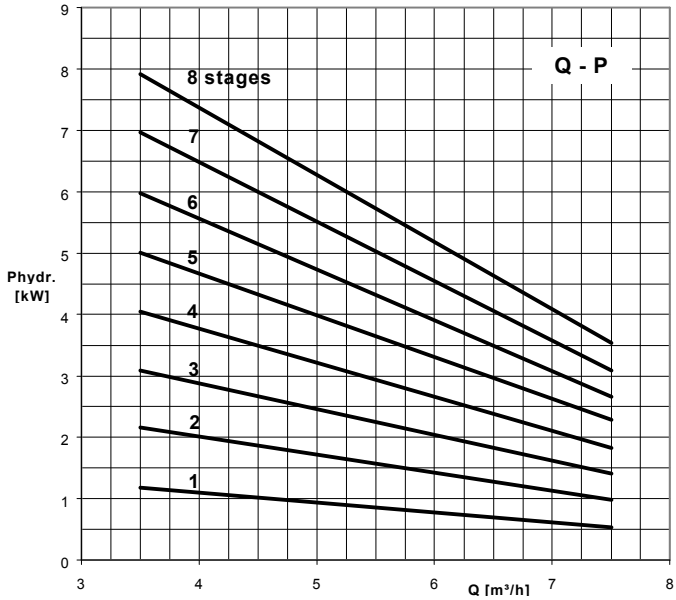

## CEH 3100 with magnetic coupling

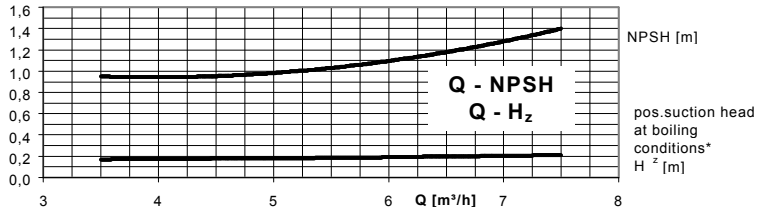
**n = 1450 rpm, Visc. 1 mm²/s, spec.grav. 1 kg/dm³**

* pay attention to suction conditions

## Characteristic curves



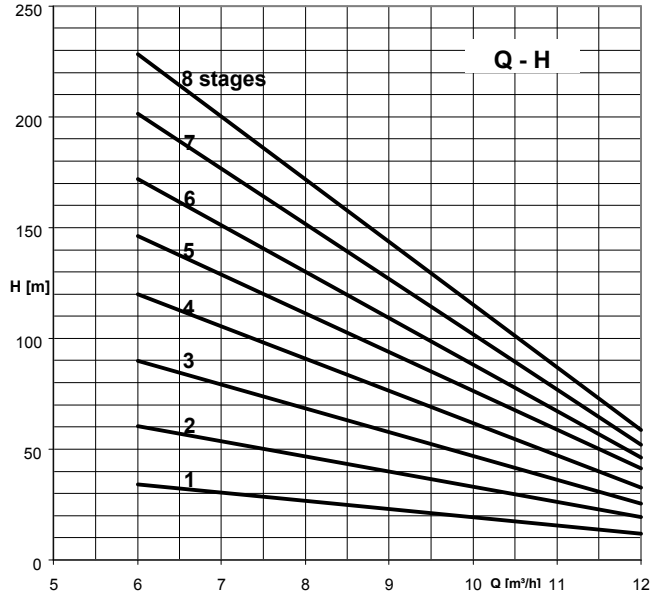



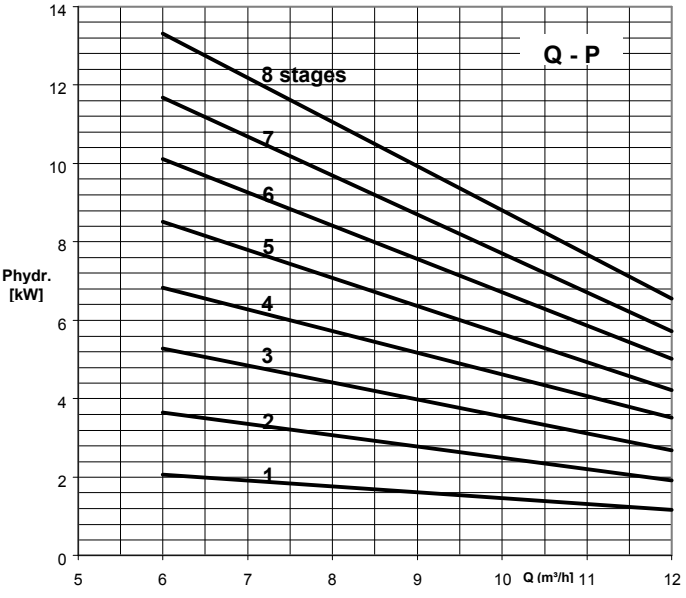



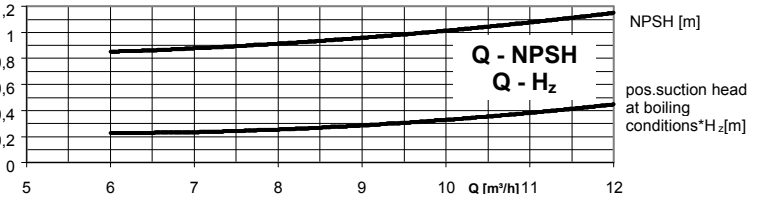

### CEH 3600 with magnetic coupling

**n = 1450 rpm, Visc. 1 mm²/s, spec.grav. 1 kg/dm³**

* pay attention to suction conditions



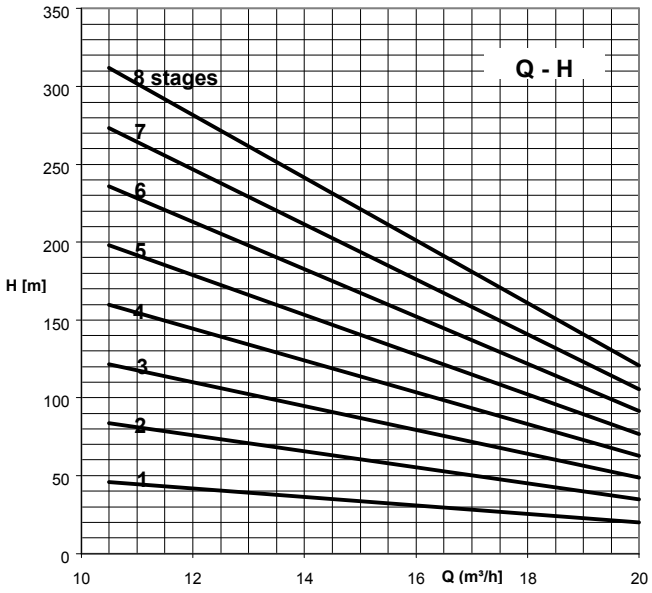



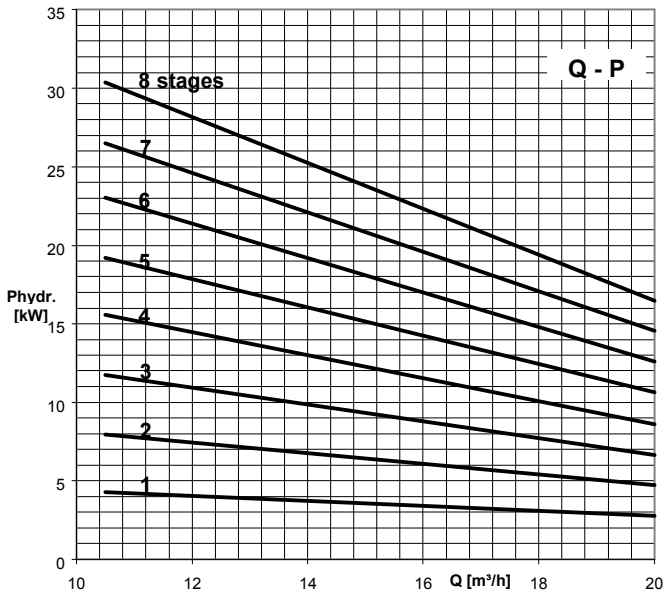

### CEH 4100 with magnetic coupling

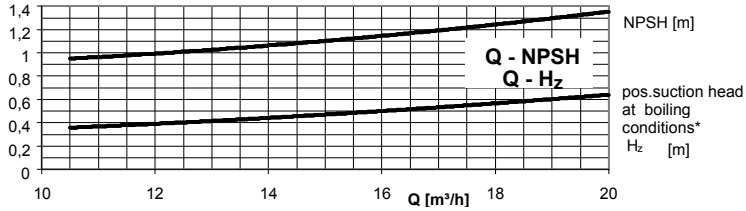
**n = 1450 rpm, Visc. 1 mm²/s, spec.grav. 1 kg/dm³**

* pay attention to suction conditions

## Characteristic curves



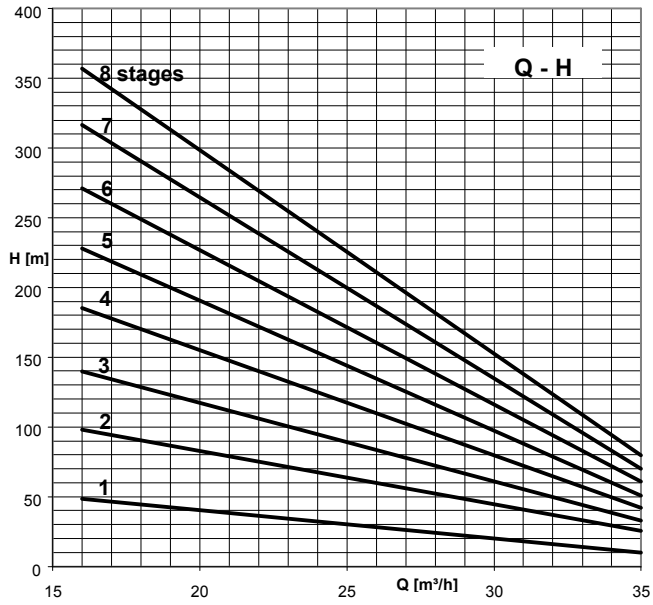



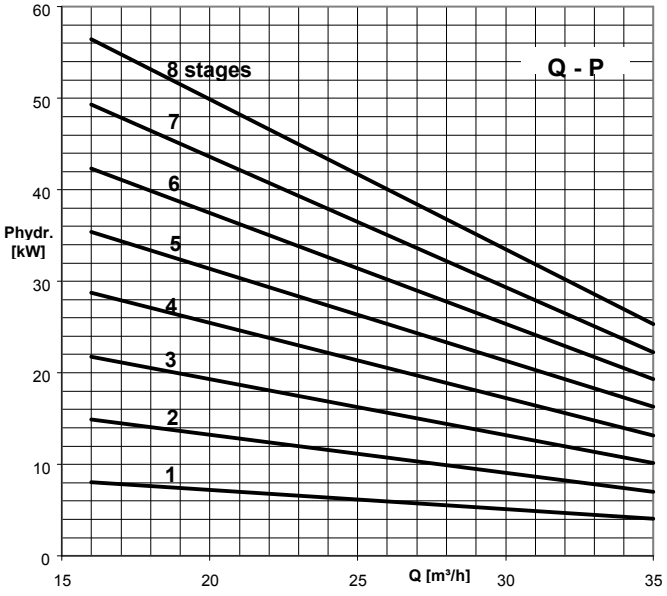



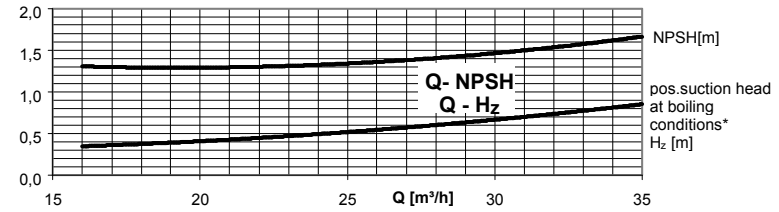

### CEH 5100 with magnetic coupling

**n = 1450 rpm, Visc. 1 mm²/s, spec.grav. 1 kg/dm³**

* pay attention to suction conditions



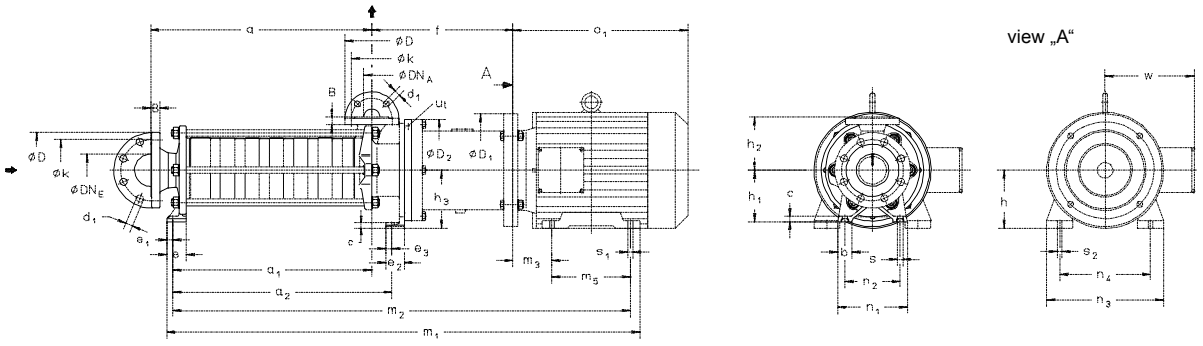

### CEH 6100 with magnetic coupling

**n = 1450 rpm, Visc. 1 mm²/s, spec.grav. 1 kg/dm³**

* pay attention to suction conditions

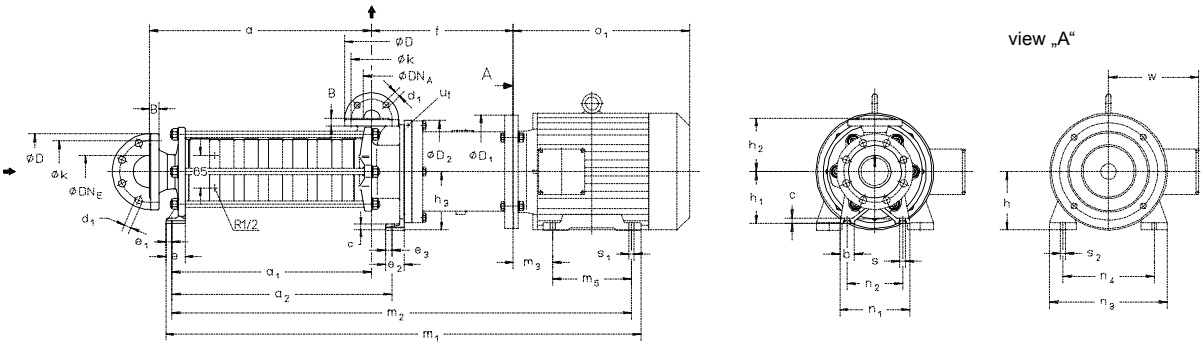
# Dimension table

**CEHB 1201 - 6108**




$u_t$ : connection for temperature probe G¼

**CEHB 1201/6 - 6107/6**




$u_t$ : connection for temperature probe G¼

| flanges acc. DIN 2501 PN 40 | | | | | | | |
|---|---|---|---|---|---|---|---|
| $DN_{A/E}$ | 20 | 32 | 40 | 50 | 65 | 80 | 100 |
| D | 115 | 140 | 154 | 165 | 190 | 200 | 235 |
| k | 75 | 100 | 110 | 125 | 145 | 160 | 190 |
| $d_2$ x number | 14 X 4 | 18 x 4 | 18 x 4 | 18 x 4 | 18 x 8 | 18 x 8 | 22 x 8 |

**Dimensions of the motor**

| size | nominal power | | $D_1$ | h | $m_3$ | $m_5$ | $n_3$* | $n_4$ | $o_1$* | $s_1$* | $s_2$* | w* | weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IP54resp. EExde | EExe | mm | | | | | | | | | | abt. kg |
| 80A | 0,55 | 0,55 | 200 | 80 | 50 | 100 | 151 | 125 | 229 | 8,5 | 15 | 121 | 8,3 |
| 80B | 0,75 | 0,75 | 200 | 80 | 50 | 100 | 151 | 125 | 229 | 8,5 | 15 | 121 | 10 |
| 90 S | 1,1 | 1,0 | 200 | 90 | 56 | 100 | 180 | 140 | 250 | 10,5 | - | 167 | 14 |
| 90 L | 1,5 | 1,35 | 200 | 90 | 56 | 125 | 180 | 140 | 275 | 10,5 | - | 167 | 18 |
| 100 L 1 | 2,2 | 2,0 | 250 | 100 | 63 | 140 | 205 | 160 | 323 | 12 | - | 175 | 23 |
| 100 L 2 | 3,0 | 2,5 | 250 | 100 | 63 | 140 | 205 | 160 | 323 | 12 | - | 175 | 25 |
| 112 M | 4,0 | 3,6 | 250 | 112 | 70 | 140 | 230 | 190 | 329 | 12 | 18 | 191 | 38 |
| 132 S | 5,5 | 5,0 | 300 | 132 | 89 | 140 | 266 | 216 | 361 | 12 | 18 | 213 | 59 |
| 132 M | 7,5 | 6,8 | 300 | 132 | 89 | 178 | 266 | 216 | 399 | 12 | 18 | 213 | 69 |
| 160 M | 11,0 | 10,0 | 350 | 160 | 108 | 210 | 310 | 254 | 470 | 15 | 22 | 245 | 108 |
| 160 L | 15,0 | 13,5 | 350 | 160 | 108 | 254 | 310 | 254 | 514 | 15 | 22 | 245 | 130 |
| 180 M | 18,5 | 15,0 | 350 | 180 | 121 | 241 | 345 | 279 | 536 | 15 | 25 | 280 | 162 |
| 180 L | 22,0 | 17,5 | 350 | 180 | 121 | 279 | 345 | 279 | 574 | 15 | 25 | 295 | 176 |
| 200 L | 30,0 | 24,0 | 400 | 200 | 133 | 305 | 400 | 318 | 656 | 20 | 26 | 329 | 254 |
| 225 S | 37,0 | 30,0 | 450 | 225 | 149 | 286 | 450 | 356 | 678 | 20 | 26 | 365 | 305 |
| 225 M | 45,0 | 36,0 | 450 | 225 | 149 | 311 | 450 | 356 | 703 | 20 | 26 | 365 | 335 |
| 250 M | 55,0 | 44,0 | 550 | 250 | 168 | 349 | 505 | 406 | 790 | 25 | 36 | 406 | 425 |

* : dimension dependent on motor make

**Dimensions of the pump**

| size | IP 54 | EExe II T3 | torque of the magnetic coupling | $DN_A$ | $DN_E$ | a | $a_1$ | $a_2$ | b | c | $D_2$ | e | $e_1$ | $e_2$ | $e_3$ | f | $h_1$ | $h_2$ | $h_3$ | $m_1$* | $m_2$* | $n_1$ | $n_2$ | s | weight of the pump |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | kW | | mm | | | | | | | | | | | | | | | | | | | | | kg |
| 1201 | 0,55 | 0,55 | K | | | 195 | 146 | 196 | | | | | | | | | | | | 553 | 523 | | | | 46 |
| | 0,75 | 0,75 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0,75 | 0,75 | | | | | | | | | | | | | | | | | | 587 | 557 | | | | |
| 1202 | 1,1 | 1 | K | | | 229 | 180 | 230 | | | | | | | | 227 | | | | 595 | 563 | | | | 51 |
| | 1,5 | 1,35 | | | | | | | | | | | | | | | | | | 620 | 588 | | | | |
| | 0,75 | 0,75 | K | | | | | | | | | | | | | | | | | 621 | 591 | | | | |
| 1203 | 1,1 | 1 | | | | 263 | 214 | 264 | | | | | | | | | | | | 629 | 597 | | | | 62 |
| | 1,5 | 1,35 | P | | | | | | | | | | | | | | | | | 654 | 622 | | | | |
| | 2,2 | 2 | | | | | | | | | | | | | | 237 | | | | 686 | 654 | | | | |
| | 1,1 | - | K | | | | | | | | | | | | | 227 | | | | 663 | 631 | | | | |
| 1204 | 1,5 | 1,35 | P | | | 297 | 248 | 298 | | | | | | | | | | | | 688 | 656 | | | | 65 |
| | 2,2 | 2 | | | | | | | | | | | | | | 237 | | | | 720 | 688 | | | | |
| | 3 | 2,5 | V | | | | | | | | | | | | | | | | | | | | | | |
| | 1,5 | 1,35 | P | | | | | | | | | | | | | 227 | | | | 722 | 690 | | | | |
| | - | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| 1205 | 2,2 | - | | 20 | 40 | 331 | 282 | 332 | 32 | 10 | 182 | 44 | 17 | 34 | 17 | 237 | 100 | 100 | 100 | 754 | 722 | 140 | 105 | 13 | 67 |
| | 3 | 2,5 | V | | | | | | | | | | | | | | | | | | | | | | |
| | - | 3,6 | | | | | | | | | | | | | | | | | | 764 | 729 | | | | |
| | - | 1,35 | P | | | | | | | | | | | | | 227 | | | | 756 | 724 | | | | |
| | - | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| 1206 | 2,2 | - | | | | 365 | 316 | 366 | | | | | | | | | | | | 788 | 756 | | | | 70 |
| | 3 | 2,5 | V | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 3,6 | | | | | | | | | | | | | | | | | | 798 | 763 | | | | |
| | - | 2 | P | | | | | | | | | | | | | | | | | | | | | | |
| 1207 | 2,2 | - | | | | 399 | 350 | 400 | | | | | | | | 237 | | | | 822 | 790 | | | | 73 |
| | 3 | 2,5 | V | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 3,6 | | | | | | | | | | | | | | | | | | 832 | 797 | | | | |
| | 2,2 | 2 | | | | | | | | | | | | | | | | | | 856 | 824 | | | | |
| 1208 | 3 | 2,5 | V | | | 433 | 384 | 434 | | | | | | | | | | | | | | | | | 76 |
| | 4 | 3,6 | | | | | | | | | | | | | | | | | | 866 | 831 | | | | |
| | - | 5 | | | | | | | | | | | | | | 257 | | | | 910 | 870 | | | | |
| 3101 | 1,1 | 1 | | | | | | | | | | | | | | 295 | | | | 644 | 612 | | | | |
| 3601 | 1,5 | 1,35 | T | | | 213 | 161 | 218 | | | | | | | | | | | | 669 | 637 | | | | 122 |
| | 2,2 | 2 | | | | | | | | | | | | | | 305 | | | | 701 | 669 | | | | |
| | 1,5 | 1,35 | | | | | | | | | | | | | | 295 | | | | 709 | 677 | | | | |
| 3102 | 2,2 | 2 | T | | | 253 | 201 | 258 | | | | | | | | | | | | 741 | 709 | | | | 130 |
| 3602 | 3 | 2,5 | | | | | | | | | | | | | | 305 | | | | | | | | | |
| | 4 | 3,6 | | | | | | | | | | | | | | | | | | 751 | 716 | | | | |
| | 2,2 | 2 | | | | | | | | | | | | | | | | | | 781 | 749 | | | | |
| 3103 | 3 | 2,5 | T | | | | | | | | | | | | | 305 | | | | | | | | | |
| 3603 | 4 | 3,6 | | | | 293 | 241 | 298 | | | | | | | | | | | | 791 | 756 | | | | 138 |
| | - | 5 | | | | | | | | | | | | | | 325 | | | | 835 | 795 | | | | |
| | 5,5 | - | W | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 2,5 | | | | | | | | | | | | | | 305 | | | | 821 | 789 | | | | |
| | - | 3,6 | T | | | | | | | | | | | | | | | | | 831 | 796 | | | | |
| 3104 | - | 5 | | | | 333 | 281 | 338 | | | | | | | | 325 | | | | 875 | 835 | | | | 142 |
| 3604 | 4 | - | W | | | | | | | | | | | | | 305 | | | | 831 | 796 | | | | |
| | 5,5 | - | | | | | | | | | | | | | | 325 | | | | 875 | 835 | | | | |
| | - | 6,8 | Z | | | | | | | | | | | | | | | | | 913 | 873 | | | | |
| | 3 | - | | | | | | | | | | | | | | 305 | | | | 861 | 829 | | | | |
| | - | 3,6 | T | | | | | | | | | | | | | | | | | 871 | 836 | | | | |
| 3105 | - | 5 | | 32 | 65 | | | | 35 | 12 | 260 | 50 | 17 | 50 | 17 | 325 | 112 | 132 | 132 | 915 | 875 | 170 | 135 | 13 | |
| 3605 | 4 | - | W | | | 373 | 321 | 378 | | | | | | | | 305 | | | | 871 | 836 | | | | 146 |
| | 5,5 | - | Z | | | | | | | | | | | | | | | | | 915 | 875 | | | | |
| | - | 6,8 | | | | | | | | | | | | | | 325 | | | | 953 | 913 | | | | |
| | 7,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | - | 3,6 | T | | | | | | | | | | | | | 305 | | | | 911 | 876 | | | | |
| | 4 | - | W | | | | | | | | | | | | | | | | | | | | | | |
| 3106 | - | 5 | | | | | | | | | | | | | | | | | | 955 | 915 | | | | |
| 3606 | 5,5 | - | Z | | | 413 | 361 | 418 | | | | | | | | 325 | | | | | | | | | 157 |
| | - | 6,8 | | | | | | | | | | | | | | | | | | 993 | 953 | | | | |
| | 7,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 10 | | | | | | | | | | | | | | 355 | | | | 1074 | 1034 | | | | |
| | 4 | - | W | | | | | | | | | | | | | 305 | | | | 951 | 916 | | | | |
| | - | 5 | | | | | | | | | | | | | | | | | | 995 | 955 | | | | |
| 3107 | 5,5 | - | Z | | | 453 | 401 | 458 | | | | | | | | 325 | | | | | | | | | 161 |
| 3607 | - | 6,8 | | | | | | | | | | | | | | | | | | 1033 | 993 | | | | |
| | 7,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 10 | | | | | | | | | | | | | | 355 | | | | 1114 | 1074 | | | | |
| | 5,5 | 5 | Z | | | | | | | | | | | | | 325 | | | | 1035 | 995 | | | | |
| 3108 | 7,5 | 6,8 | A | | | 493 | 441 | 498 | | | | | | | | | | | | 1073 | 1033 | | | | 165 |
| 3608 | 11 | 10 | | | | | | | | | | | | | | 355 | | | | 1154 | 1114 | | | | |
| | - | 13,5 | C | | | | | | | | | | | | | | | | | 1198 | 1158 | | | | |

| size | IP 54 | EExe II T3 | torque of the magnetic coupling | $DN_A$ | $DN_E$ | a | $a_1$ | $a_2$ | b | c | $D_2$ | e | $e_1$ | $e_2$ | $e_3$ | f | $h_1$ | $h_2$ | $h_3$ | $m_1$* | $m_2$* | $n_1$ | $n_2$ | s | weight of the tpump |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | kW | | mm | | | | | | | | | | | | | | | | | | | | | kg |
| 4101 | 2,2 | 2 | T | 40 | 80 | 268 | 205 | 266 | 36 | 15 | 260 | 52 | 17 | 49 | 17 | 311 | 132 | 140 | 132 | 751 | 719 | 195 | 155 | 13 | 113 |
| | 3 | 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| | - | 3,6 | | | | | | | | | | | | | | | | | | 761 | 726 | | | | |
| | 4 | - | W | | | | | | | | | | | | | | | | | | | | | | |
| 4102 | 2,2 | 2 | T | | | 323 | 260 | 321 | | | | | | | | 311 | | | | 806 | 774 | | | | 140 |
| | 3 | 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 3,6 | W | | | | | | | | | | | | | | | | | 816 | 781 | | | | |
| | 5,5 | 5 | Z | | | | | | | | | | | | | 331 | | | | 860 | 820 | | | | |
| 4103 | 3 | - | T | | | 378 | 315 | 376 | | | | | | | | 311 | | | | 861 | 829 | | | | 156 |
| | - | 3,6 | W | | | | | | | | | | | | | | | | | 871 | 836 | | | | |
| | 4 | - | Z | | | | | | | | | | | | | | | | | | | | | | |
| | 5,5 | 5 | | | | | | | | | | | | | | 331 | | | | 915 | 875 | | | | |
| | 7,5 | 6,8 | A | | | | | | | | | | | | | | | | | 953 | 913 | | | | |
| | - | 10 | | | | | | | | | | | | | | 361 | | | | 1034 | 994 | | | | |
| 4104 | - | 5 | Z | | | 433 | 370 | 431 | | | | | | | | 331 | | | | 970 | 930 | | | | 204 |
| | 5,5 | - | | | | | | | | | | | | | | | | | | | | | | | |
| | 7,5 | 6,8 | A | | | | | | | | | | | | | | | | | 1008 | 968 | | | | |
| | - | 10 | | | | | | | | | | | | | | 361 | | | | 1089 | 1049 | | | | |
| | 11 | - | C | | | | | | | | | | | | | | | | | | | | | | |
| 4105 | - | 5 | Z | | | 488 | 425 | 486 | | | | | | | | 331 | | | | 1025 | 985 | | | | 211 |
| | 5,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | - | 6,8 | | | | | | | | | | | | | | | | | | 1063 | 1023 | | | | |
| | 7,5 | - | C | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 10 | | | | | | | | | | | | | | 361 | | | | 1144 | 1104 | | | | |
| | - | 13,5 | D | | | | | | | | | | | | | | | | | 1188 | 1148 | | | | |
| 4106 | - | 6,8 | A | | | 543 | 480 | 541 | | | | | | | | 331 | | | | 1118 | 1078 | | | | 218 |
| | 7,5 | - | C | | | | | | | | | | | | | | | | | | | | | | |
| | - | 10 | | | | | | | | | | | | | | 361 | | | | 1199 | 1159 | | | | |
| | 11 | - | D | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1243 | 1203 | | | | |
| | - | 15 | | | | | | | | | | | | | | | | | | 1250 | 1203 | | | | |
| 4107 | 7,5 | 6,8 | C | | | 598 | 535 | 596 | | | | | | | | 331 | | | | 1173 | 1133 | | | | 225 |
| | - | 10 | | | | | | | | | | | | | | | | | | 1254 | 1214 | | | | |
| | 11 | - | D | | | | | | | | | | | | | 361 | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1298 | 1258 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1305 | 1258 | | | | |
| 4108 | 7,5 | - | C | | | 653 | 590 | 651 | | | | | | | | 331 | | | | 1229 | 1188 | | | | 235 |
| | - | 10 | D | | | | | | | | | | | | | | | | | 1309 | 1269 | | | | |
| | 11 | - | | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | 361 | | | | 1353 | 1313 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1360 | 1313 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1398 | 1351 | | | | |
| 5101 | 3 | - | T | 50 | 100 | 305 | 237 | 299 | 45 | 17 | 260 | 60 | 19 | 57 | 19 | 318 | 160 | 165 | 160 | 792 | 758 | 215 | 170 | 15 | 200 |
| | 4 | 3,6 | W | | | | | | | | | | | | | | | | | 802 | 765 | | | | |
| | 5,5 | 5 | Z | | | | | | | | | | | | | 338 | | | | 846 | 804 | | | | |
| | 7,5 | 6,8 | A | | | | | | | | | | | | | | | | | 884 | 842 | | | | |
| 5102 | - | 5 | Z | | | 380 | 312 | 374 | | | | | | | | 338 | | | | 921 | 879 | | | | 235 |
| | 5,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | 7,5 | 6,8 | | | | | | | | | | | | | | | | | | 959 | 917 | | | | |
| | 11 | 10 | C | | | | | | | | | | | | | | | | | 1040 | 998 | | | | |
| | - | 13,5 | D | | | | | | | | | | | | | 368 | | | | 1084 | 1042 | | | | |
| | - | 15 | | | | | | | | | | | | | | | | | | 1091 | 1042 | | | | |
| 5103 | - | 6,8 | A | | | 455 | 387 | 449 | | | | | | | | 338 | | | | 1034 | 992 | | | | 254 |
| | 7,5 | - | C | | | | | | | | | | | | | | | | | | | | | | |
| | - | 10 | | | | | | | | | | | | | | 368 | | | | 1115 | 1073 | | | | |
| | 11 | - | D | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1159 | 1117 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1166 | 1117 | | | | |
| 5104 | - | 10 | D | | | 530 | 462 | 524 | | | | | | | | 368 | | | | 1190 | 1148 | | | | 315 |
| | 11 | - | | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1234 | 1192 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1241 | 1192 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1279 | 1230 | | | | |
| | - | 24 | F | | | | | | | | | | | | | | | | | 1317 | 1268 | | | | |
| 5105 | - | 10 | A | | | 605 | 537 | 599 | | | 315 | | | | | 434 | | | | 1331 | 1289 | | | | 366 |
| | 11 | - | B | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | | | | | | | | | | | | | | | | | | 1375 | 1333 | | | | |
| | 18,5 | 15 | E | | | | | | | | | | | | | | | | | 1381 | 1333 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1419 | 1371 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1458 | 1409 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| 5106 | 15 | 13,5 | | | | 680 | 612 | 674 | | | | | | | | 434 | | | | 1450 | 1408 | | | | 378 |
| | 18,5 | 15 | E | | | | | | | | | | | | | | | | | 1456 | 1408 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1494 | 1446 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1533 | 1484 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | 464 | | | | 1572 | 1511 | | | | |

| size | IP 54 | EExe II T3 | torque of the magnetic coupling | $DN_A$ | $DN_E$ | a | $a_1$ | $a_2$ | b | c | $D_2$ | e | $e_1$ | $e_2$ | $e_3$ | f | $h_1$ | $h_2$ | $h_3$ | $m_1$* | $m_2$* | $n_1$ | $n_2$ | s | weight of the pump |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | kW | | mm | | | | | | | | | | | | | | | | | | | | | kg |
| 5107 | 15 | - | E | 50 | 100 | 755 | 687 | 749 | 45 | 17 | 315 | 60 | 19 | 57 | 19 | 434 | 160 | 165 | 160 | 1525 | 1483 | 215 | 170 | 15 | 389 |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1531 | 1483 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1569 | 1521 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1608 | 1559 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | 464 | | | | 1647 | 1586 | | | | |
| | 37 | - | J | | | | | | | | | | | | | | | | | | | | | | |
| 5108 | - | 17,5 | E | | | 830 | 762 | 824 | | | | | | | | 434 | | | | 1644 | 1596 | | | | 401 |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1683 | 1634 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | | | | | 1722 | 1661 | | | | |
| | 37 | - | J | | | | | | | | | | | | | | | | | | | | | | |
| | - | 36 | | | | | | | | | | | | | | 464 | | | | 1747 | 1686 | | | | |
| | 45 | - | L | | | | | | | | | | | | | | | | | | | | | | |
| | - | 44 | K | | | | | | | | | | | | | | | | | 1797 | 1743 | | | | |
| 6101 | 5,5 | 5 | A | 65 | 100 | 338 | 265 | 332 | 50 | 20 | 315 | 64 | 19 | 65 | 20 | 413 | 180 | 180 | 180 | 948 | 907 | 245 | 195 | 15 | 298 |
| | 7,5 | 6,8 | | | | | | | | | | | | | | | | | | 986 | 945 | | | | |
| | - | 10 | | | | | | | | | | | | | | | | | | 1068 | 1026 | | | | |
| | 11 | - | B | | | | | | | | | | | | | 443 | | | | | | | | | |
| | - | 13,5 | E | | | | | | | | | | | | | | | | | 1112 | 1070 | | | | |
| 6102 | 7,5 | - | A | | | 428 | 355 | 422 | | | | | | | | 413 | | | | 1077 | 1035 | | | | 320 |
| | - | 10 | | | | | | | | | | | | | | | | | | 1158 | 1116 | | | | |
| | 11 | - | B | | | | | | | | | | | | | 443 | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1202 | 1160 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1208 | 1160 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1246 | 1198 | | | | |
| 6103 | 15 | 13,5 | E | | | 518 | 445 | 512 | | | | | | | | 443 | | | | 1292 | 1250 | | | | 335 |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1298 | 1250 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1336 | 1288 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1375 | 1326 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| 6104 | - | 13,5 | E | | | 608 | 535 | 602 | | | | | | | | 443 | | | | 1382 | 1340 | | | | 349 |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1388 | 1340 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1426 | 1378 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1465 | 1416 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | | | | | 1504 | 1443 | | | | |
| | 37 | - | J | | | | | | | | | | | | | 473 | | | | | | | | | |
| | - | 36 | | | | | | | | | | | | | | | | | | 1529 | 1468 | | | | |
| 6105 | - | 17,5 | E | | | 698 | 625 | 692 | | | | | | | | 443 | | | | 1516 | 1468 | | | | 368 |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1555 | 1506 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | | | | | 1594 | 1533 | | | | |
| | 37 | - | J | | | | | | | | | | | | | 473 | | | | | | | | | |
| | - | 36 | | | | | | | | | | | | | | | | | | 1619 | 1558 | | | | |
| | 45 | - | L | | | | | | | | | | | | | | | | | | | | | | |
| | - | 44 | K | | | | | | | | | | | | | | | | | 1669 | 1615 | | | | |
| 6106 | 22 | - | H | | | 788 | 715 | 782 | | | | | | | | 443 | | | | 1607 | 1558 | | | | 382 |
| | - | 24 | F | | | | | | | | | | | | | | | | | 1645 | 1596 | | | | |
| | 30 | - | J | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | H | | | | | | | | | | | | | | | | | 1684 | 1623 | | | | |
| | 37 | - | J | | | | | | | | | | | | | 473 | | | | | | | | | |
| | - | 36 | | | | | | | | | | | | | | | | | | 1709 | 1648 | | | | |
| | 45 | - | L | | | | | | | | | | | | | | | | | | | | | | |
| | - | 44 | K | | | | | | | | | | | | | | | | | 1759 | 1705 | | | | |
| | 55 | - | M | | | | | | | | | | | | | | | | | | | | | | |
| 6107 | - | 24 | F | | | 878 | 805 | 872 | | | | | | | | 443 | | | | 1735 | 1686 | | | | 397 |
| | 30 | - | K | | | | | | | | | | | | | | | | | | | | | | |
| | 37 | - | | | | | | | | | | | | | | | | | | 1774 | 1713 | | | | |
| | - | 30 | H | | | | | | | | | | | | | 473 | | | | | | | | | |
| | - | 36 | J | | | | | | | | | | | | | | | | | 1799 | 1738 | | | | |
| | 45 | - | L | | | | | | | | | | | | | | | | | | | | | | |
| | - | 44 | K | | | | | | | | | | | | | | | | | 1849 | 1795 | | | | |
| | 55 | - | M | | | | | | | | | | | | | | | | | | | | | | |
| 6108 | 30 | - | K | | | 968 | 895 | 962 | | | | | | | | 443 | | | | 1825 | 1776 | | | | 415 |
| | 37 | - | | | | | | | | | | | | | | | | | | 1864 | 1803 | | | | |
| | - | 30 | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 36 | J | | | | | | | | | | | | | 473 | | | | 1889 | 1828 | | | | |
| | 45 | - | L | | | | | | | | | | | | | | | | | | | | | | |
| | - | 44 | K | | | | | | | | | | | | | | | | | 1939 | 1885 | | | | |
| | 55 | - | M | | | | | | | | | | | | | | | | | | | | | | |

| size | IP 54 | EExe II T3 | torque of the magnetic coupling | $DN_A$ | $DN_E$ | a | $a_1$ | $a_2$ | b | c | $D_2$ | e | $e_1$ | $e_2$ | $e_3$ | f | $h_1$ | $h_2$ | $h_3$ | $m_1$* | $m_2$* | $n_1$ | $n_2$ | s | weight of the pump |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | kW | | mm | | | | | | | | | | | | | | | | | | | | | kg |
| 1201/6 | 0,55 | 0,55 | K | 20 | 40 | 229 | 180 | 230 | 32 | 10 | 182 | 44 | 17 | 34 | 17 | 227 | 100 | 100 | 100 | 587 | 557 | 140 | 105 | 13 | 48 |
| | 0,75 | 0,75 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0,75 | 0,75 | | | | | | | | | | | | | | | | | | 621 | 591 | | | | |
| 1202/6 | 1,1 | 1 | K | | | 263 | 214 | 264 | | | | | | | | | | | | 629 | 597 | | | | 53 |
| | 1,5 | 1,35 | | | | | | | | | | | | | | | | | | 654 | 622 | | | | |
| | 0,75 | 0,75 | K | | | | | | | | | | | | | | | | | 655 | 625 | | | | |
| 1203/6 | 1,1 | 1 | | | | 297 | 248 | 298 | | | | | | | | | | | | 663 | 631 | | | | 64 |
| | 1,5 | 1,35 | P | | | | | | | | | | | | | | | | | 688 | 656 | | | | |
| | 2,2 | 2 | | | | | | | | | | | | | | 237 | | | | 720 | 688 | | | | |
| | 1,1 | - | K | | | | | | | | | | | | | 227 | | | | 697 | 665 | | | | |
| 1204/6 | 1,5 | 1,35 | P | | | 331 | 282 | 332 | | | | | | | | | | | | 722 | 690 | | | | 67 |
| | 2,2 | 2 | | | | | | | | | | | | | | 237 | | | | 754 | 722 | | | | |
| | 3 | 2,5 | V | | | | | | | | | | | | | | | | | | | | | | |
| | 1,5 | 1,35 | P | | | | | | | | | | | | | 227 | | | | 756 | 724 | | | | |
| | - | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| 1205/6 | 2,2 | - | V | | | 365 | 316 | 366 | | | | | | | | 237 | | | | 788 | 756 | | | | 69 |
| | 3 | 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| | - | 3,6 | | | | | | | | | | | | | | | | | | 798 | 763 | | | | |
| | - | 1,35 | P | | | | | | | | | | | | | 227 | | | | 790 | 758 | | | | |
| | - | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| 1206/6 | 2,2 | - | V | | | 399 | 350 | 400 | | | | | | | | | | | | 822 | 790 | | | | 72 |
| | 3 | 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 3,6 | | | | | | | | | | | | | | | | | | 832 | 797 | | | | |
| | - | 2 | P | | | | | | | | | | | | | | | | | | | | | | |
| 1207/6 | 2,2 | - | V | | | 433 | 384 | 434 | | | | | | | | 237 | | | | 856 | 824 | | | | 75 |
| | 3 | 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 3,6 | | | | | | | | | | | | | | | | | | 866 | 831 | | | | |
| 3101/6 | 1,1 | 1 | T | 32 | 65 | 253 | 201 | 258 | 35 | 12 | 260 | 50 | 17 | 50 | 17 | 295 | 112 | 132 | 132 | 684 | 652 | 170 | 135 | 13 | 126 |
| 3601/6 | 1,5 | 1,35 | | | | | | | | | | | | | | | | | | 709 | 677 | | | | |
| | 2,2 | 2 | | | | | | | | | | | | | | 305 | | | | 741 | 709 | | | | |
| | 1,5 | 1,35 | T | | | 293 | 241 | 298 | | | | | | | | 295 | | | | 749 | 717 | | | | 136 |
| 3102/6 | 2,2 | 2 | | | | | | | | | | | | | | | | | | 781 | 749 | | | | |
| 3602/6 | 3 | 2,5 | | | | | | | | | | | | | | 305 | | | | | | | | | |
| | 4 | 3,6 | | | | | | | | | | | | | | | | | | 791 | 756 | | | | |
| | 2,2 | 2 | T | | | 333 | 281 | 338 | | | | | | | | 305 | | | | 821 | 789 | | | | 142 |
| 3103/6 | 3 | 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| 3603/6 | 4 | 3,6 | | | | | | | | | | | | | | | | | | 831 | 796 | | | | |
| | - | 5 | | | | | | | | | | | | | | 325 | | | | 875 | 835 | | | | |
| | 5,5 | - | W | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 2,5 | T | | | 373 | 321 | 378 | | | | | | | | 305 | | | | 861 | 829 | | | | 146 |
| | - | 3,6 | | | | | | | | | | | | | | | | | | 871 | 836 | | | | |
| 3104/6 | - | 5 | | | | | | | | | | | | | | 325 | | | | 915 | 875 | | | | |
| 3604/6 | 4 | - | W | | | | | | | | | | | | | 305 | | | | 871 | 836 | | | | |
| | 5,5 | - | | | | | | | | | | | | | | 325 | | | | 915 | 875 | | | | |
| | - | 6,8 | Z | | | | | | | | | | | | | | | | | 953 | 913 | | | | |
| | 3 | - | T | | | 413 | 361 | 418 | | | | | | | | 305 | | | | 901 | 869 | | | | 150 |
| | - | 3,6 | | | | | | | | | | | | | | | | | | 911 | 876 | | | | |
| 3105/6 | - | 5 | | | | | | | | | | | | | | 325 | | | | 955 | 915 | | | | |
| 3605/6 | 4 | - | W | | | | | | | | | | | | | 305 | | | | 911 | 876 | | | | |
| | 5,5 | - | Z | | | | | | | | | | | | | | | | | 955 | 915 | | | | |
| | - | 6,8 | | | | | | | | | | | | | | 325 | | | | 993 | 953 | | | | |
| | 7,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | - | 3,6 | T | | | 453 | 401 | 458 | | | | | | | | 305 | | | | 951 | 916 | | | | 161 |
| | 4 | - | W | | | | | | | | | | | | | | | | | | | | | | |
| 3106/6 | - | 5 | | | | | | | | | | | | | | | | | | 995 | 955 | | | | |
| 3606/6 | 5,5 | - | Z | | | | | | | | | | | | | 325 | | | | | | | | | |
| | - | 6,8 | | | | | | | | | | | | | | | | | | 1033 | 993 | | | | |
| | 7,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 10 | | | | | | | | | | | | | | 355 | | | | 1114 | 1074 | | | | |
| | 4 | - | W | | | 493 | 441 | 498 | | | | | | | | 305 | | | | 991 | 956 | | | | 165 |
| | - | 5 | | | | | | | | | | | | | | | | | | 1035 | 995 | | | | |
| 3107/6 | 5,5 | - | Z | | | | | | | | | | | | | 325 | | | | | | | | | |
| 3607/6 | - | 6,8 | | | | | | | | | | | | | | | | | | 1073 | 1033 | | | | |
| | 7,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 10 | | | | | | | | | | | | | | 355 | | | | 1154 | 1114 | | | | |

| size | IP 54 | EExe II T3 | torque of the magnetic coupling | $DN_A$ | $DN_E$ | a | $a_1$ | $a_2$ | b | c | $D_2$ | e | $e_1$ | $e_2$ | $e_3$ | f | $h_1$ | $h_2$ | $h_3$ | $m_1$* | $m_2$* | $n_1$ | $n_2$ | s | weight of the pump |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | kW | | mm | | | | | | | | | | | | | | | | | | | | | kg |
| 4101/6 | 2,2 | 2 | T | 40 | 80 | 323 | 260 | 321 | 36 | 15 | 260 | 52 | 17 | 49 | 17 | 311 | 132 | 140 | 132 | 806 | 774 | 195 | 155 | 13 | 119 |
| | 3 | 2,5 | | | | | | | | | | | | | | | | | | 816 | 781 | | | | |
| | - | 3,6 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | - | W | | | | | | | | | | | | | | | | | | | | | | |
| 4102/6 | 2,2 | 2 | T | | | 378 | 315 | 376 | | | | | | | | 311 | | | | 861 | 829 | | | | 146 |
| | 3 | 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 3,6 | W | | | | | | | | | | | | | | | | | 871 | 836 | | | | |
| | 5,5 | 5 | Z | | | | | | | | | | | | | 331 | | | | 915 | 875 | | | | |
| 4103/6 | 3 | - | T | | | 433 | 370 | 431 | | | | | | | | 311 | | | | 916 | 884 | | | | 162 |
| | - | 3,6 | W | | | | | | | | | | | | | | | | | 926 | 891 | | | | |
| | 4 | - | Z | | | | | | | | | | | | | | | | | | | | | | |
| | 5,5 | 5 | | | | | | | | | | | | | | 331 | | | | 970 | 930 | | | | |
| | 7,5 | 6,8 | A | | | | | | | | | | | | | | | | | 1008 | 968 | | | | |
| | - | 10 | | | | | | | | | | | | | | 361 | | | | 1089 | 1049 | | | | |
| 4104/6 | - | 5 | Z | | | 488 | 425 | 486 | | | | | | | | 331 | | | | 1025 | 985 | | | | 210 |
| | 5,5 | - | | | | | | | | | | | | | | | | | | | | | | | |
| | 7,5 | 6,8 | A | | | | | | | | | | | | | | | | | 1063 | 1023 | | | | |
| | - | 10 | | | | | | | | | | | | | | 361 | | | | 1144 | 1104 | | | | |
| | 11 | - | C | | | | | | | | | | | | | | | | | | | | | | |
| 4105/6 | - | 5 | Z | | | 543 | 480 | 541 | | | | | | | | 331 | | | | 1080 | 1040 | | | | 217 |
| | 5,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | - | 6,8 | | | | | | | | | | | | | | | | | | 1118 | 1078 | | | | |
| | 7,5 | - | C | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 10 | | | | | | | | | | | | | | 361 | | | | 1199 | 1159 | | | | |
| | - | 13,5 | D | | | | | | | | | | | | | | | | | 1243 | 1203 | | | | |
| 4106/6 | - | 6,8 | A | | | 598 | 535 | 596 | | | | | | | | 331 | | | | 1173 | 1133 | | | | 224 |
| | 7,5 | - | C | | | | | | | | | | | | | | | | | | | | | | |
| | - | 10 | | | | | | | | | | | | | | 361 | | | | 1254 | 1214 | | | | |
| | 11 | - | D | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1298 | 1258 | | | | |
| | - | 15 | | | | | | | | | | | | | | | | | | 1305 | 1258 | | | | |
| 4107/6 | 7,5 | 6,8 | C | | | 653 | 590 | 561 | | | | | | | | 331 | | | | 1228 | 1188 | | | | 231 |
| | - | 10 | | | | | | | | | | | | | | | | | | 1309 | 1269 | | | | |
| | 11 | - | D | | | | | | | | | | | | | 361 | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1353 | 1313 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1360 | 1313 | | | | |
| 5101/6 | 3 | - | T | 50 | 100 | 380 | 312 | 374 | 45 | 17 | 260 | 60 | 19 | 57 | 19 | 318 | 160 | 165 | 160 | 867 | 833 | 215 | 170 | 15 | 210 |
| | 4 | 3,6 | W | | | | | | | | | | | | | | | | | 877 | 840 | | | | |
| | 5,5 | 5 | Z | | | | | | | | | | | | | 338 | | | | 921 | 879 | | | | |
| | 7,5 | 6,8 | A | | | | | | | | | | | | | | | | | 959 | 917 | | | | |
| 5102/6 | - | 5 | Z | | | 455 | 387 | 449 | | | | | | | | 338 | | | | 996 | 954 | | | | 245 |
| | 5,5 | - | A | | | | | | | | | | | | | | | | | | | | | | |
| | 7,5 | 6,8 | | | | | | | | | | | | | | | | | | 1034 | 992 | | | | |
| | 11 | 10 | C | | | | | | | | | | | | | | | | | 1115 | 1073 | | | | |
| | - | 13,5 | D | | | | | | | | | | | | | 368 | | | | 1159 | 1117 | | | | |
| | - | 15 | | | | | | | | | | | | | | | | | | 1166 | 1117 | | | | |
| 5103/6 | - | 6,8 | A | | | 530 | 462 | 524 | | | | | | | | 338 | | | | 1109 | 1067 | | | | 264 |
| | 7,5 | - | C | | | | | | | | | | | | | | | | | | | | | | |
| | - | 10 | | | | | | | | | | | | | | 368 | | | | 1190 | 1148 | | | | |
| | 11 | - | D | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1234 | 1192 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1241 | 1192 | | | | |
| 5104/6 | - | 10 | D | | | 605 | 537 | 599 | | | | | | | | 368 | | | | 1265 | 1223 | | | | 325 |
| | 11 | - | | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1309 | 1267 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1316 | 1267 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1354 | 1305 | | | | |
| | - | 24 | F | | | | | | | | | | | | | | | | | 1392 | 1343 | | | | |
| 5105/6 | - | 10 | A | | | 680 | 612 | 674 | | | 315 | | | | | 434 | | | | 1406 | 1364 | | | | 376 |
| | 11 | - | B | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | | | | | | | | | | | | | | | | | | 1450 | 1408 | | | | |
| | 18,5 | 15 | E | | | | | | | | | | | | | | | | | 1456 | 1408 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1494 | 1446 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1533 | 1484 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| 5106/6 | 15 | 13,5 | | | | 755 | 687 | 749 | | | | | | | | 434 | | | | 1525 | 1483 | | | | 388 |
| | 18,5 | 15 | E | | | | | | | | | | | | | | | | | 1531 | 1483 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1569 | 1521 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1608 | 1559 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | 464 | | | | 1647 | 1586 | | | | |
| 5107/6 | 15 | - | | | | 830 | 762 | 824 | | | | | | | | 434 | | | | 1600 | 1558 | | | | 399 |
| | 18,5 | 15 | E | | | | | | | | | | | | | | | | | 1606 | 1558 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1644 | 1596 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1683 | 1634 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | 464 | | | | 1722 | 1661 | | | | |
| | 37 | - | J | | | | | | | | | | | | | | | | | | | | | | |

| size | IP 54 | EExe II T3 | torque of the magnetic coupling | $DN_A$ | $DN_E$ | a | $a_1$ | $a_2$ | b | c | $D_2$ | e | $e_1$ | $e_2$ | $e_3$ | f | $h_1$ | $h_2$ | $h_3$ | $m_1$* | $m_2$* | $n_1$ | $n_2$ | s | weight of the pump |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | kW | | mm | | | | | | | | | | | | | | | | | | | | | kg |
| 6101/6 | 5,5 | 5 | A | 65 | 100 | 428 | 355 | 422 | 50 | 20 | 315 | 64 | 19 | 65 | 20 | 413 | 180 | 180 | 180 | 1038 | 997 | 245 | 195 | 15 | 311 |
| | 7,5 | 6,8 | | | | | | | | | | | | | | | | | | 1076 | 1035 | | | | |
| | - | 10 | | | | | | | | | | | | | | 443 | | | | 1158 | 1116 | | | | |
| | 11 | - | B | | | | | | | | | | | | | | | | | | | | | | |
| | - | 13,5 | E | | | | | | | | | | | | | | | | | 1202 | 1160 | | | | |
| 6102/6 | 7,5 | - | A | | | 518 | 445 | 512 | | | | | | | | 413 | | | | 1167 | 1125 | | | | 332 |
| | - | 10 | | | | | | | | | | | | | | 443 | | | | 1248 | 1206 | | | | |
| | 11 | - | B | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 13,5 | E | | | | | | | | | | | | | | | | | 1292 | 1250 | | | | |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1298 | 1250 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1336 | 1288 | | | | |
| 6103/6 | 15 | 13,5 | E | | | 608 | 535 | 602 | | | | | | | | 443 | | | | 1382 | 1340 | | | | 348 |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1388 | 1340 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1426 | 1378 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1465 | 1416 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| 6104/6 | - | 13,5 | E | | | 698 | 625 | 692 | | | | | | | | 443 | | | | 1472 | 1430 | | | | 362 |
| | 18,5 | 15 | | | | | | | | | | | | | | | | | | 1478 | 1430 | | | | |
| | - | 17,5 | | | | | | | | | | | | | | | | | | 1516 | 1468 | | | | |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1555 | 1506 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | | | | | 1594 | 1533 | | | | |
| | 37 | - | J | | | | | | | | | | | | | 473 | | | | | | | | | |
| | - | 36 | | | | | | | | | | | | | | | | | | 1619 | 1558 | | | | |
| 6105/6 | - | 17,5 | E | | | 788 | 715 | 782 | | | | | | | | 443 | | | | 1516 | 1558 | | | | 381 |
| | 22 | - | F | | | | | | | | | | | | | | | | | | | | | | |
| | - | 24 | | | | | | | | | | | | | | | | | | 1645 | 1596 | | | | |
| | 30 | - | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | | | | | | | | | | | | | | | | | | 1684 | 1623 | | | | |
| | 37 | - | J | | | | | | | | | | | | | 473 | | | | | | | | | |
| | - | 36 | | | | | | | | | | | | | | | | | | 1709 | 1648 | | | | |
| | 45 | - | L | | | | | | | | | | | | | | | | | | | | | | |
| | - | 44 | K | | | | | | | | | | | | | | | | | 1759 | 1705 | | | | |
| 6106/6 | 22 | - | H | | | 878 | 805 | 872 | | | | | | | | 443 | | | | 1697 | 1648 | | | | 395 |
| | - | 24 | F | | | | | | | | | | | | | | | | | 1735 | 1686 | | | | |
| | 30 | - | J | | | | | | | | | | | | | | | | | | | | | | |
| | - | 30 | H | | | | | | | | | | | | | | | | | 1774 | 1713 | | | | |
| | 37 | - | J | | | | | | | | | | | | | 473 | | | | | | | | | |
| | - | 36 | | | | | | | | | | | | | | | | | | 1799 | 1738 | | | | |
| | 45 | - | L | | | | | | | | | | | | | | | | | | | | | | |
| | - | 44 | K | | | | | | | | | | | | | | | | | 1849 | 1795 | | | | |
| | 55 | - | M | | | | | | | | | | | | | | | | | | | | | | |
| 6107/6 | - | 24 | F | | | 968 | 895 | 962 | | | | | | | | 443 | | | | 1825 | 1776 | | | | 410 |
| | 30 | - | K | | | | | | | | | | | | | | | | | | | | | | |
| | 37 | - | | | | | | | | | | | | | | | | | | 1864 | 1803 | | | | |
| | - | 30 | H | | | | | | | | | | | | | | | | | | | | | | |
| | - | 36 | J | | | | | | | | | | | | | 473 | | | | 1889 | 1828 | | | | |
| | 45 | - | L | | | | | | | | | | | | | | | | | | | | | | |
| | - | 44 | K | | | | | | | | | | | | | | | | | 1939 | 1885 | | | | |
| | 55 | - | M | | | | | | | | | | | | | | | | | | | | | | |

## Data regarding pump size - order hints

| series + size | | hydraulics + bearings | shaft sealing + magnetic coupling | material design | casing seal |
|---|---|---|---|---|---|
| | | | 1 • • coupling system 1<br>2 • • coupling system 2<br>3 • • coupling system 3<br>4 • • coupling system 4<br><br>isolation shroud of:<br>• A • Hastelloy C (2.4610) | | |
| | | A• first hydraulics<br><br>•F two liquid surrounded sleeve bearing | torque of desynchronization [Nm] for system 1 2 / 3 4<br><br>• • A 78 69<br>• • B 83<br>• • C 100<br>• • D 112<br>• • E 158 133<br>• • F 179 178<br>• • H 212<br>• • J 255<br>• • K 14 293<br>• • L 330<br>• • M 380<br>• • P 23<br>• • T 33<br>• • V 38<br>• • W 41<br>• • Z 54 | 1A main parts of spheroidal cast iron vane wheel impeller of brass<br>1B main parts of spheroidal cast iron vane wheel impeller of chrome steel<br>1F main parts of spheroidal cast iron vane wheel impeller of PEAK<br>4B stainless steel<br>4F stainless steel, vane wheel impeller PEAK | 4 soft PTFE and PTFE-O-ring at isolation shroud |
| CEH• | 1201 | AF | 1AK | alternatively:<br>1A<br>1B<br>1F<br>4B<br>4F | 4 |
| | 1202 | | 1AK | | |
| | 1203 | | 1AK, 1AP | | |
| | 1204 | | 1AK, 1AP, 1AV | | |
| | 1205 | | 1AP, 1AV | | |
| | 1206 | | 1AP, 1AV | | |
| | 1207 | | 1AP, 1AV | | |
| | 1208 | | 1AV | | |
| | 3101 and 3601 | | 2AT | | |
| | 3102 and 3602 | | 2AT | | |
| | 3103 and 3603 | | 2AT, 2AW | | |
| | 3104 and 3604 | | 2AT, 2AW, 2AZ | | |
| | 3105 and 3605 | | 2AT, 2AW, 2AZ, 2AA | | |
| | 3106 and 3606 | | 2AT, 2AW, 2AZ, 2AA | | |
| | 3107 and 3607 | | 2AW, 2AZ, 2AA | | |
| | 3108 and 3608 | | 2AZ, 2AA, 2AC | | |
| | 4101 | | 3AT, 3AW | | |
| | 4102 | | 3AT, 3AW, 3AZ | | |
| | 4103 | | 3AT, 3AW, 3AZ, 3AA | | |
| | 4104 | | 3AZ, 3AA, 3AC | | |
| | 4105 | | 3AZ, 3AA, 3AC, 3AD | | |
| | 4106 | | 3AA, 3AC, 3AD, 3AE | | |
| | 4107 | | 3AC, 3AD, 3AE | | |
| | 4108 | | 3AC, 3AD, 3AE | | |
| | 5101 | | 3AT, 3AW, 3AZ, 3AA | | |
| | 5102 | | 3AZ, 3AA, 3AC, 3AD | | |
| | 5103 | | 3AA, 3AC, 3AD, 3AE | | |
| | 5104 | | 3AD, 3AE, 3AF | | |
| | 5105 | | 4AA, 4AB, 4AE, 4AF, 4AH | | |
| | 5106 | | 4AE, 4AF, 4AH | | |
| | 5107 | | 4AE, 4AF, 4AH, 4AJ | | |
| | 5108 | | 4AE, 4AF, 4AH, 4AJ, 4AK; 4AL | | |
| | 6101 | | 4AA, 4AB, 4AE | | |
| | 6102 | | 4AA, 4AB, 4AE | | |
| | 6103 | | 4AE, 4AF, 4AH | | |
| | 6104 | | 4AE, 4AF, 4AH, 4AJ | | |
| | 6105 | | 4AE, 4AF, 4AH, 4AJ, 4AK; 4AL | | |
| | 6106 | | 4AF, 4AH, 4AJ, 4AK; 4AL,4AM | | |
| | 6107 | | 4AF, 4AH, 4AJ, 4AK; 4AL,4AM | | |
| | 6108 | | 4AH, 4AJ, 4AK; 4AL,4AM | | |

Possible pump-magnetic coupling-motor combinations please take from the dimensions table.

| series + size | | hydraulics + bearings | shaft sealing + magnetic coupling | material design | casing seal |
|---|---|---|---|---|---|
| | | A• first hydraulics<br>•F two liquid surrounded sleeve bearing | 1 • • coupling system 1<br>2 • • coupling system 2<br>3 • • coupling system 3<br>4 • • coupling system 4<br><br>isolation shroud of:<br>• A • Hastelloy C (2.4610)<br><br>torque of desychronization [Nm] for<br>System 1 2 / 3 4<br>• • A 78 69<br>• • B 83<br>• • C 100<br>• • D 112<br>• • E 158 133<br>• • F 179 178<br>• • H 212<br>• • J 255<br>• • K 14 293<br>• • L 330<br>• • M 380<br>• • P 23<br>• • T 33<br>• • V 38<br>• • W 41<br>• • Z 54 | 1A main parts of spheroidal cast iron vane wheel impeller of brass<br>1B main parts of spheroidal cast iron vane wheel impeller of chrome steel<br>1F main parts of spheroidal cast iron vane wheel impeller of PEAK<br>4B steinless steel<br>4F stainless steel, vane wheel impeller PEAK | 4 soft PTFE and PTFE O-ring at isolation shround |
| CEH• | 1201/6 | AF | 1AK | alternatively:<br>1A<br>1B<br>1F<br>4B<br>4F | 4 |
| | 1202/6 | | 1AK | | |
| | 1203/6 | | 1AK, 1AP | | |
| | 1204/6 | | 1AK, 1AP, 1AV | | |
| | 1205/6 | | 1AP, 1AV | | |
| | 1206/6 | | 1AP, 1AV | | |
| | 1207/6 | | 1AP, 1AV | | |
| | 3101/6 and 3601/6 | | 2AT | | |
| | 3102/6 and 3602/6 | | 2AT | | |
| | 3103/6 and 3603/6 | | 2AT, 2AW | | |
| | 3104/6 and 3604/6 | | 2AT, 2AW, 2AZ | | |
| | 3105/6 and 3605/6 | | 2AT, 2AW, 2AZ, 2AA | | |
| | 3106/6 and 3606/6 | | 2AT, 2AW, 2AZ, 2AA | | |
| | 3107/6 and 3607/6 | | 2AW, 2AZ, 2AA | | |
| | 4101/6 | | 3AT, 3AW | | |
| | 4102/6 | | 3AT, 3AW, 3AZ | | |
| | 4103/6 | | 3AT, 3AW, 3AZ, 3AA | | |
| | 4104/6 | | 3AZ, 3AA, 3AC | | |
| | 4105/6 | | 3AZ, 3AA, 3AC, 3AD | | |
| | 4106/6 | | 3AA, 3AC, 3AD, 3AE | | |
| | 4107/6 | | 3AC, 3AD, 3AE | | |
| | 5101/6 | | 3AT, 3AW, 3AZ, 3AA | | |
| | 5102/6 | | 3AZ, 3AA, 3AC, 3AD | | |
| | 5103/6 | | 3AA, 3AC, 3AD, 3AE | | |
| | 5104/6 | | 3AD, 3AE, 3AF | | |
| | 5105/6 | | 4AA, 4AB, 4AE, 4AF, 4AH | | |
| | 5106/6 | | 4AE, 4AF, 4AH | | |
| | 5107/6 | | 4AE, 4AF, 4AH, 4AJ | | |
| | 6101/6 | | 4AA, 4AB, 4AE | | |
| | 6102/6 | | 4AA, 4AB, 4AE | | |
| | 6103/6 | | 4AE, 4AF, 4AH | | |
| | 6104/6 | | 4AE, 4AF, 4AH, 4AJ | | |
| | 6105/6 | | 4AE, 4AF, 4AH, 4AJ, 4AK; 4AL | | |
| | 6106/6 | | 4AF, 4AH, 4AJ, 4AK; 4AL,4AM | | |
| | 6107/6 | | 4AF, 4AH, 4AJ, 4AK; 4AL,4AM | | |

Possible pump-magnetic coupling-motor combinations please take from the dimensions table.

## Order hints

| selection table - 3-phase AC motors, speed: n=1450 rpm | | | | |
|---|---|---|---|---|
| | IP 54 EEx e II T3 (Ex e G3) | | IP 54 and IP 54 EEx d II T3 (TEF) | |
| size | nominal power [kW] | SIHI designation | nominal power [kW] | SIHI designation |
| 80A | 0,55 | FK | 0,55 | FB |
| 80B | 0,75 | GK | 0,75 | GB |
| 90 S | 1,0 | HK | 1,1 | HB |
| 90 L | 1,35 | JK | 1,5 | JB |
| 100 L 1 | 2,0 | KK | 2,2 | KB |
| 100 L 2 | 2,5 | LK | 3,0 | LB |
| 112 M | 3,6 | MK | 4,0 | MB |
| 132 S | 5,0 | NK | 5,5 | NB |
| 132 M | 6,8 | PK | 7,5 | PB |
| 160 M | 10,0 | SK | 11,0 | SB |
| 160 L | 13,5 | UK | 15,0 | UB |
| 180 M | 15,0 | VK | 18,5 | VB |
| 180 L | 17,5 | WK | 22,0 | WB |
| 200 L | 24,0 | XK | 30,0 | XB |
| 225 S | 30,0 | ZK | 37,0 | ZB |
| 225 M | 36,0 | AK | 45,0 | AB |
| 250 M | 44,0 | BK | 55,0 | BB |

**Example of order**

A two stage pump (the NPSH-impeller is not connected) of size 3100 in material design 4B, equipped with a T-magnet and a 1,35 kW motor, protection type EEx e II T3 has the complete order number:

**CEH· 3102 AF 2AT 4B 4 JK**

On delivery, the point (•) in the fourth place of the type designation is replaced by a letter in the factory.

Any changes in the interest of the technical development are reserved.

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