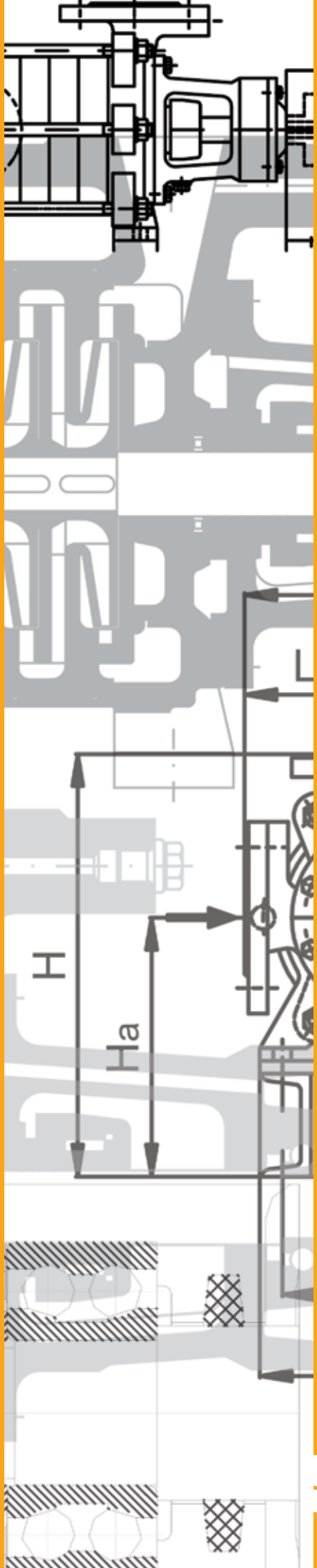
MZT PUMPI

# KCP - MULTISTAGE CENTRIFUGAL PUMPS

PUMP YOUR WAY TO SUCCESS

Catalog 2008




MZT Pumpi a.d is one of the leading manufacturers of industrial pumps in the region of South-East Europe. With its extensive experience of more than 60 years, justified with existence of broad product range, it continuously strives to satisfy the utmost needs of the customer.

The key elements to survive in this globalized market are flexibility towards market changes and ability to innovate-both in product designs as well as business processes. By following the worldwide development in the pump industry, our staff constantly faces with the growing challenge to keep abreast of the numerous innovations in pump designs and this is justified by having a separate R&D department.

The basic objective of MZT Pumpi is expanding the business partnerships and building the brand name of our products worldwide. All of our employees live up to our motto: ”Pump your way to success”.

# CONTENT

# GENERAL DATA

## Technical data:

| | |
|---|---|
| Capacity: | up to 45 l/s |
| Head: | up to 250 m |
| Temperature: | up to 105 ºC |

## Pump type key

Example: KCP 42 - 3

- design code
- capacity l/s x10
- stages

design code execution:
C – standard execution
KCP – for higher temperature
VCP – vertical execution

## Design:

The C type range is the basic range of our centrifugal ring section multistage pumps. The simplified design, utilising hydraulically balanced impellers by means of holes into impeller, or by “back to back” impeller execution, provides the optimum pumping solution for medium pressure applications. Pump casing is consisting of suction and discharge housing, middle chambers and bearing brackets.
All pump’s parts are connected by strong bolts. The shaft made of high grade steel, equipped with impe lers is guided by means of roller bearings on bo ends of it, the one of the bearing also bears of ax thrust.
All of the impellers are centrifugal of closed type, ar are statically and dynamically balanced. As standa the shaft is sealed by means of gland packing, option the mechanical seals are available.

## Applications:

- Agriculture irrigation
- Boiler feed
- Chemical and light hydrocarbon transfer
- Coating and surface treatment
- High rise building sprinklers
- Paper mill shower water
- Pressure boosting systems
- Sanitary wash down services
- Rotating equipment lube and seal oil supply

## Standard material executions:

Casing..... Gray iron
Impeller..... Cast iron or bronze
Middle chamber..... Cast iron
Shaft..... High grade steel
Sleeve.....Hardened stainless steel
Wear rings.....Gray iron or bronze

## Delivery options

The pumps can be ordered as individual pump or as complete pumping unit which consist of pump, driver, flexible coupling and mounted base frame. As standard the pumps drivers are electrical motors, but it could be any other device as: internal combustion engine, turbine etc.
Besides the pump aggregate we could deliver all necessary equipment ( valves, pipes, suction strainers, piping, and equipment for automatic pump operation...)

**Flexible coupling:**

-Standard version

-Spacer coupling

**Bearing assembly with shaft:**

The bearings are located in two bearing housings, which are positioned at both sides of the pump lubricated with nipple greasers. The protection ring on the shaft prevents liquid from entering the bearing housing. KCP pumps can be supplied with plain journal bearings with ring oil lubrication.

**Shaft sealing:**

The shaft sealing could be arranged by soft packing or mechanical seal. In soft packing arrangements the shaft is protected by replaceable stainless sleeve while the stuffing box is furnished with lantern ring for introduction of cooling liquid into the packing.
On special demand the pumps could be furnished with mechanical seal in accordance with the characteristics of the liquid and the operating conditions.

**Wear Rings**

KCP pumps have replaceable wear rings, providing consistent pump efficiency. The inner diameter of the KCP pumps wear rings matches the impeller inlet diameter, which produces undisturbed flow conditions.
Cylindrical clearance between impeller and wear ring is of a special design which reliability and effectiveness have been well proven. Leakage is therefore limited, which ensures high efficiency and no fibres trapped in the
clearance.

**Range of program:**

A wide variety of models makes it possible to select a pump to suit any fields of the industry and the agriculture. Proper choice is important in order to minimize the energy consumption and to assure long trouble-free operation of the pump.

**Performance**

The performance curves are given in the diagrams bellow, indicating: Q-H, Q-P, Qefficiency, and Q-NPSH. KCP pumps can operate continuously in whole the operating region within the motor power limitation.
All the pumps can run at different speeds, depending on the size of the pump and the customer requirements. For higher speeds it is necessary to check the pump limitation.
The performance curves are based on a liquid density of 1000 kg/m3. For working fluid density below or above 1000 kg/m³ it is necessary to multiply the power.

**Drive**

The drive is generally a direct coupled electric motor, using a flexible coupling. For sizing of he drivers you have to add a minimum of 10 to 15% to the pump absorbed power, depending on operating condition, eventually a higher could necessary.

## GENERAL DATA– Design of KCP pump

**Impellers**

Fully shrouded impellers statically and dynamically balanced

**O-rings**

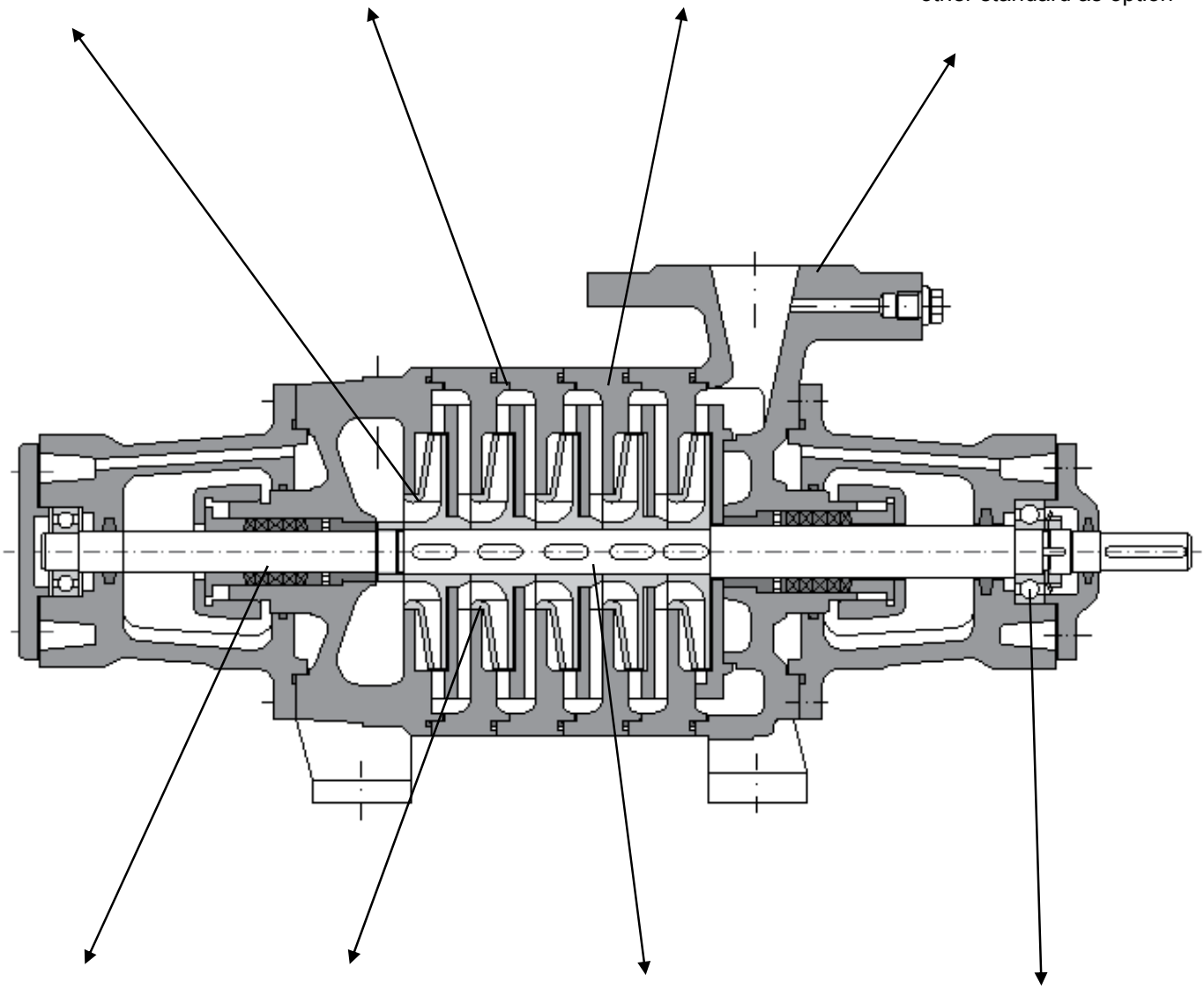
O-rings sealed casing stages means leak less operation

**Casing**

Gray iron as standard, other material executions available

**Flanges**

Suction and discharge flanges designed According DIN standard other standard as option



**Shaft sealing**

Gland packing as standard mechanical seals as option

**Wear rings**

Easily replaceable and highly resistant gray iron or bronze wear rings at each pumps stage

**Shaft**

Stainless steel shaft, preciously machined and ground

**Ball bearings**

Grease lubricated ball bearings to handle axial thrust in either direction

## GENERAL DATA– Design of DMS pump

**Impellers**

"Back to back" impeller execution provides an axial thrust balancing

**Casing**

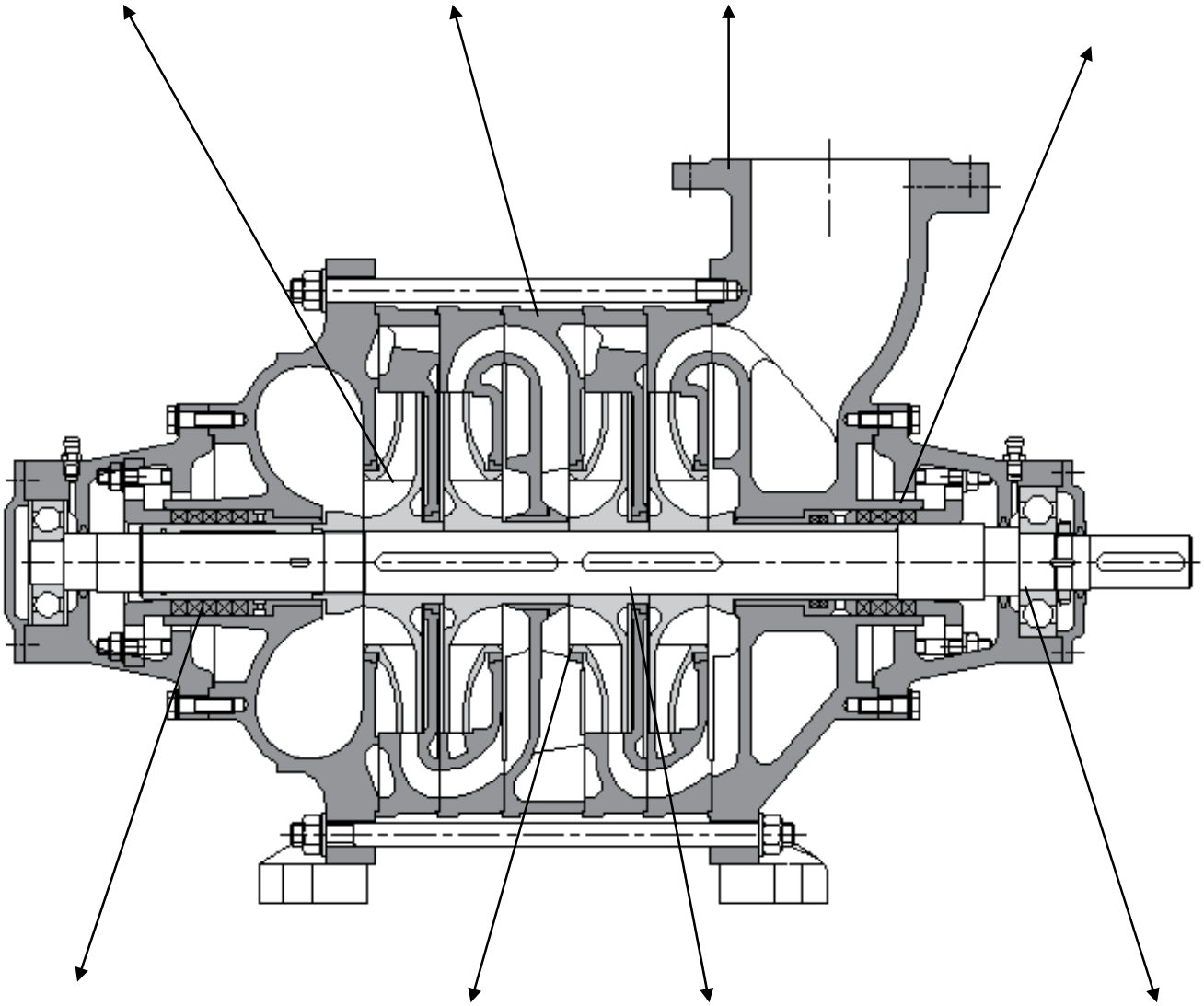
High quality casings available in grey iron as standard, other material combinations as option

**Flanges**

Suction and discharge flanges designed According DIN standard other standard as option

**O-ring**

O-rings is used when hot water is a working medium, seals chamber protecting it of leaking operation



**Shaft sealing**

Gland packing as standard mechanical seals as option

**Wear rings**

Replaceable wear rings fitted to casing as standard, through the pump life efficiency is maintained

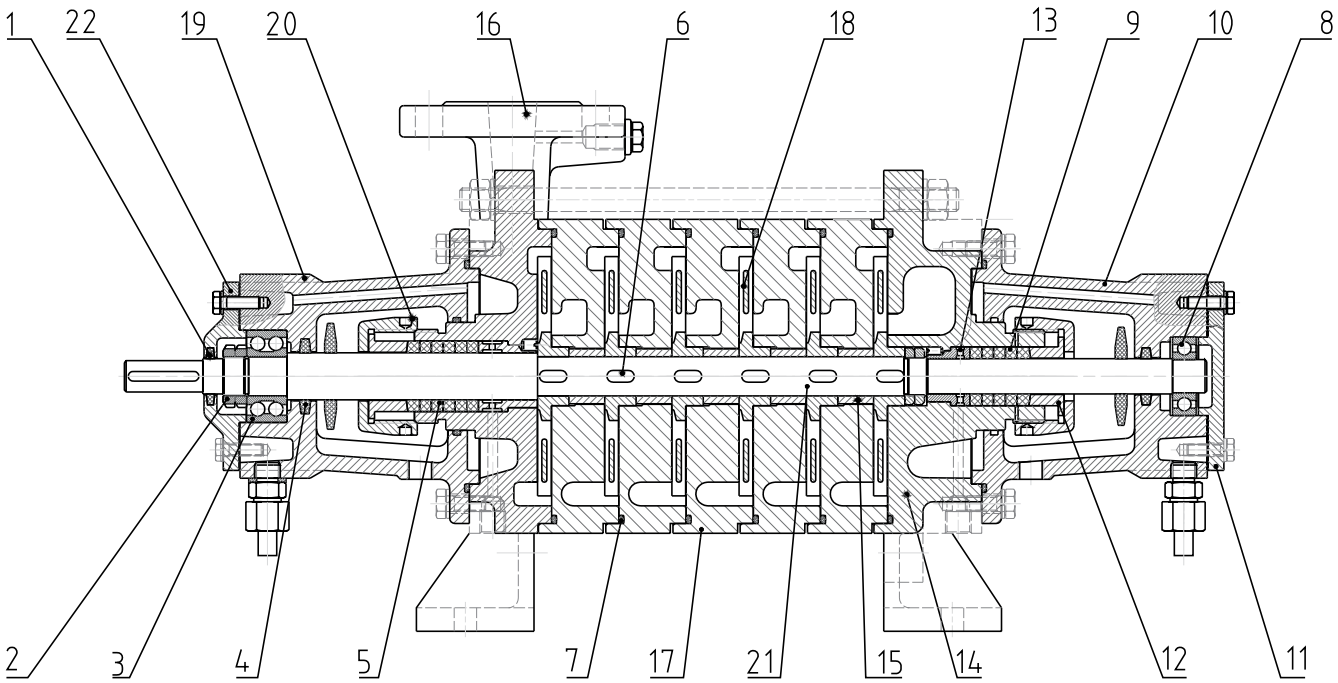
**Shaft**

Heavy-duty shaft available in different materials

**Ball bearings**

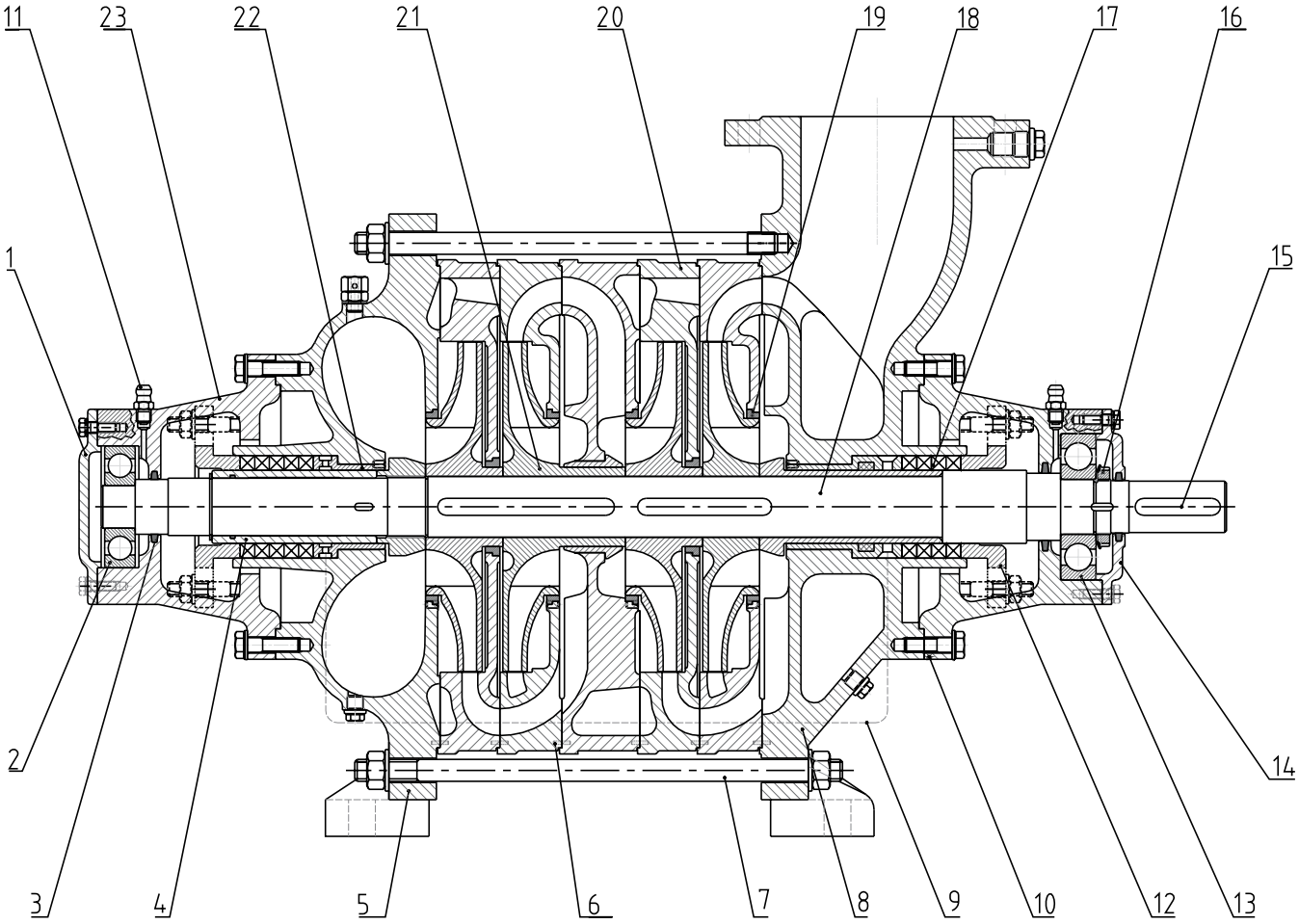
Grease lubricated ball bearings to handle axial thrust in either direction

## GENERAL DATA– Sectional drawing of K06



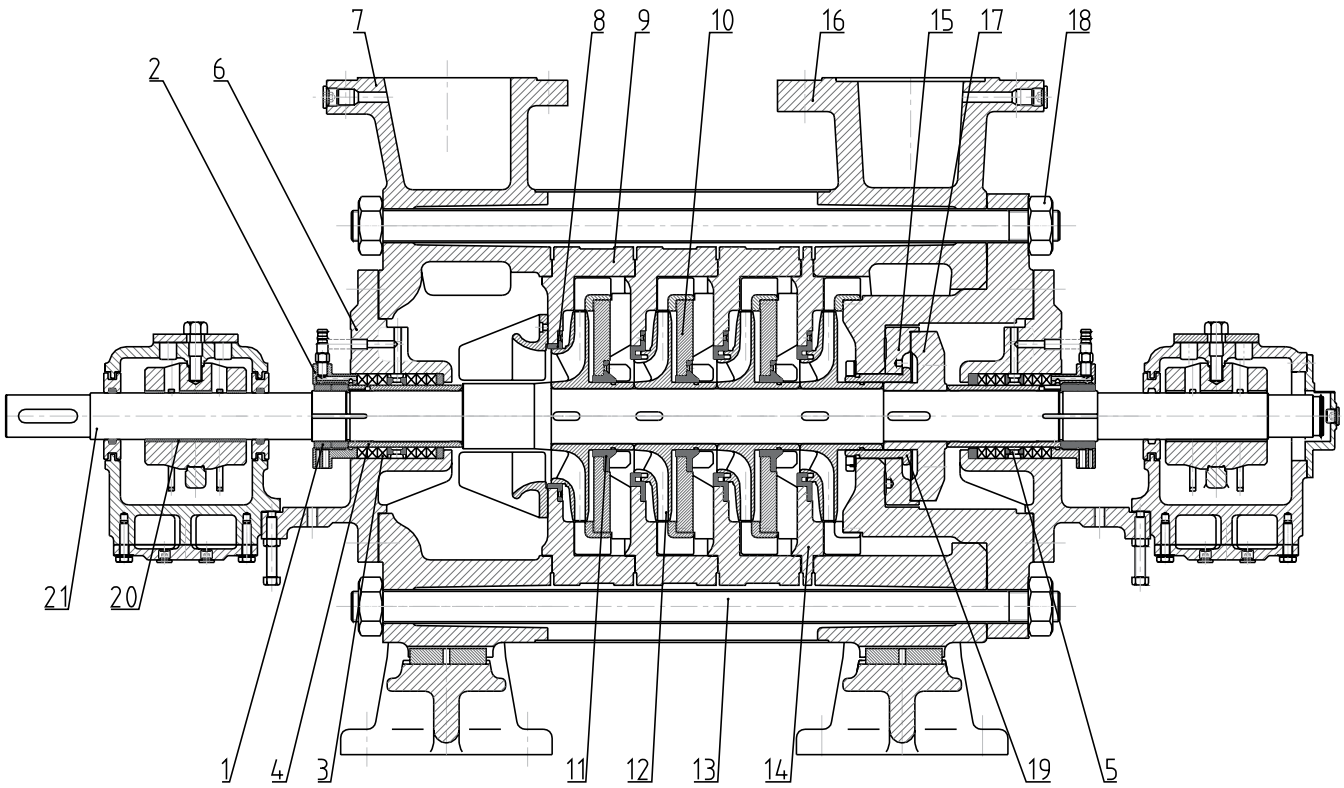

| Pos. | Description | Pos. | Description |
|---|---|---|---|
| **1.** | **Cord** | **12.** | Gland cover |
| **2** | Lock nut | **13.** | Lantern ring |
| **3.** | Double row ball bearing | **14.** | Suction casing |
| **4.** | **Cord** | **15.** | Shaft protecting sleeve |
| **5.** | Gland packing | **16.** | Discharge casing |
| **6.** | Key | **17.** | Stage casing |
| **7.** | O-ring | **18.** | Impeller |
| **8.** | Single row ball bearing | **19.** | Bearing housing |
| **9.** | Gland packing | **20.** | Gland cover |
| **10.** | Bearing housing | **21.** | Shaft |
| **11.** | Cover | **22.** | Bearing cover |

## GENERAL DATA– Sectional drawing of KCP 122-C12



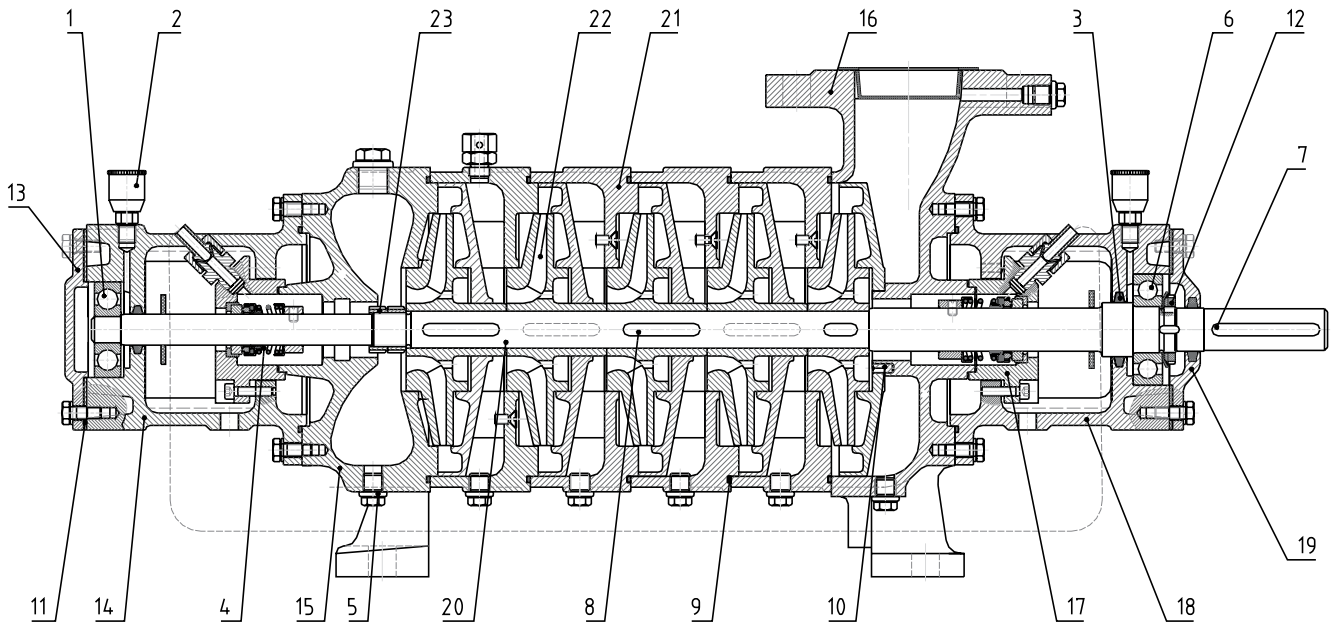

| Pos. | Description | Pos. | Description |
|---|---|---|---|
| **1.** | Bearing cover | **13.** | Single row bearing |
| **2.** | Single row bearing | **14.** | Bearing cover |
| **3.** | Cord | **15.** | Key |
| **4.** | Shaft protecting sleeve | **16.** | Lock nut |
| **5.** | Suction casing | **17.** | Soft packing/Gland packing |
| **6.** | Stud | **18.** | Shaft |
| **7.** | Double side stud | **19.** | Casing wear ring |
| **8.** | Discharge casing | **20.** | Stage casing |
| **9.** | Piping | **21.** | Impeller |
| **10.** | Bearing housing | **22.** | Shaft sleeve |
| **11.** | Lubricating nipple | **23.** | Bearing housing |
| **12.** | Gland | | |

## GENERAL DATA– Sectional drawing of KCP 162




| Pos. | Description | Pos. | Description |
|---|---|---|---|
| **1.** | Nut | **12.** | Impeller |
| **2.** | Gland cover | **13.** | Tie bolt |
| **3.** | Gland packing | **14.** | Stage casing |
| **4.** | Shaft protecting sleeve | **15.** | Disc |
| **5.** | Cooling ring – Lantern ring | **16.** | Discharge casing |
| **6.** | Cover | **17.** | Balance drum |
| **7.** | Suction casing | **18.** | Screwed plug |
| **8.** | Wear ring | **19.** | Shaft sleeve |
| **9.** | Stage casing | **20.** | Plain bearing |
| **10.** | Stage casing | **21.** | Shaft |
| **11.** | Wear ring | | |

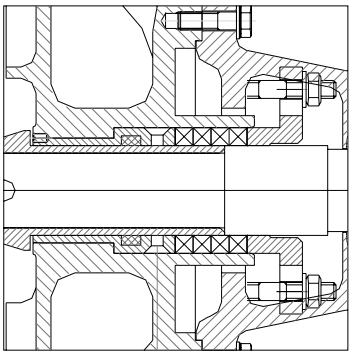
## GENERAL DATA– Sectional drawing of KCP 32 – C3




| Pos. | Description | Pos. | Description |
|---|---|---|---|
| **1.** | Single row ball bearing | **13.** | Bearing cover |
| **2.** | Lubricating nipple | **14.** | Bearing housing |
| **3.** | Cord | **15.** | Suction casing |
| **4.** | Mechanical seal | **16.** | Discharge casing |
| **5.** | Joint ring | **17.** | Seal cover |
| **6.** | Single row ball bearing | **18.** | Bearing housing |
| **7.** | Key | **19.** | Bearing cover |
| **8.** | Key | **20.** | Shaft |
| **9.** | O-ring | **21.** | Stage casing |
| **10.** | Tie bolt | **22.** | Impeller |
| **11.** | Lip seal | **23.** | Lock nut |
| **12.** | Lock nut | | |

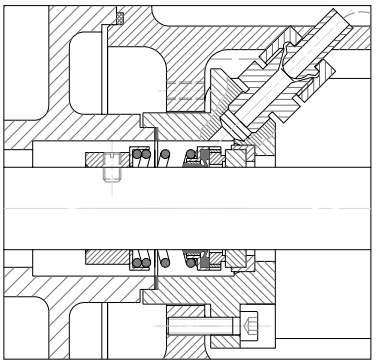
## GENERAL DATA

### Stuffing boxes



- Cooled stuffing box with internal barrier fluid for pumping of clean liquids in suction operation or at inlet pressures up to 4 bar.

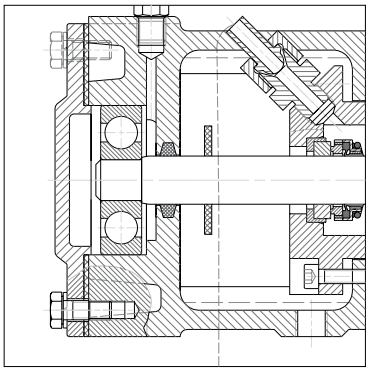
### Single mechanical shaft seal

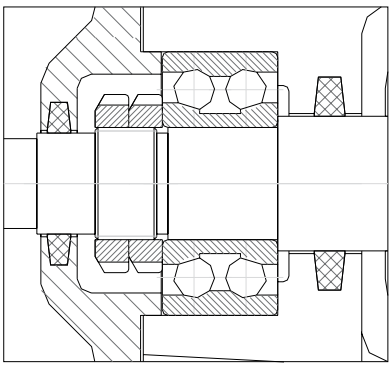


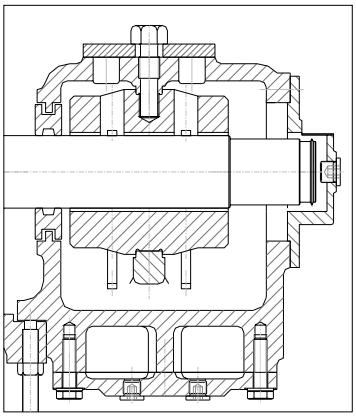
- Mechanical seal with cooling of seal surface (connection with pump case)

### Bearing Bracket

- Depending on pump size, a deep groove double row ball bearings is used, or a single row roller bearing. Plain bearings are used at some special design of these multistage pumps. The bearings are protected against moisture and dirt ingress.



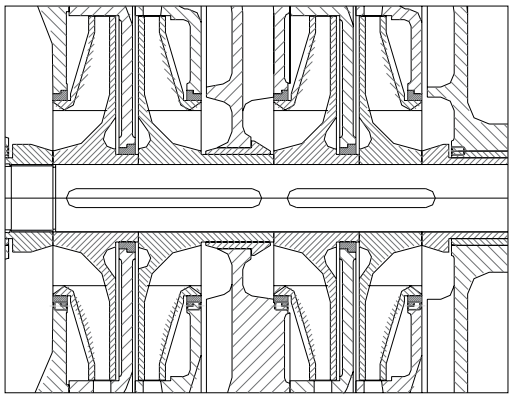




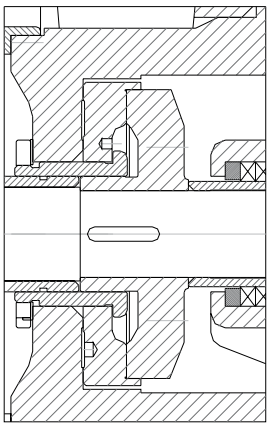
## GENERAL DATA

### Balancing the axial thrust

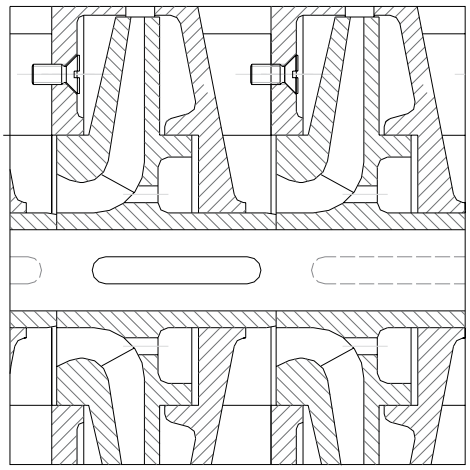
- One way to balance the axial thrust in pumps is to arrange the impellers in opposed direction. With even number of impellers, such an arrangement can eliminate the axial thrust complete.



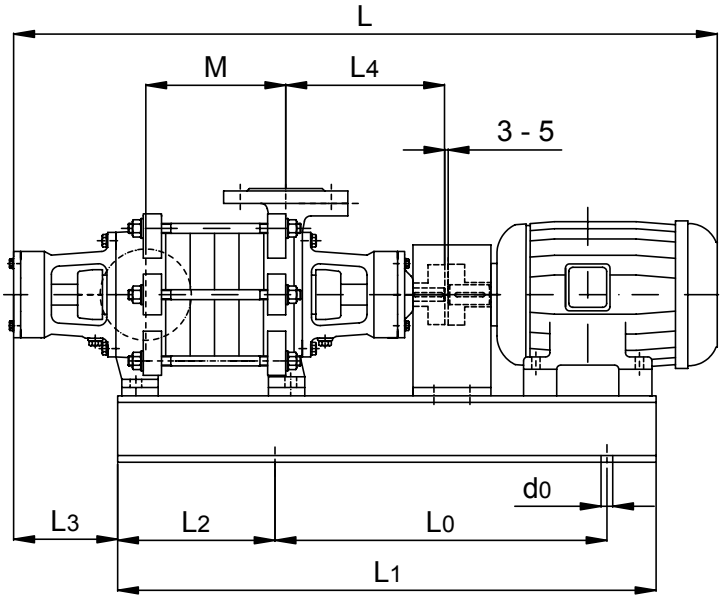
- Another way to balance the axial thrust is to use a balancing disc. In such case, the axial thrust is being taken up by a single disc.
  This device is subjected to total pressuredeveloped by the pump on one of its faces.
  On its other face, it is subjected to the suction pressure at the inlet of the first impeller.

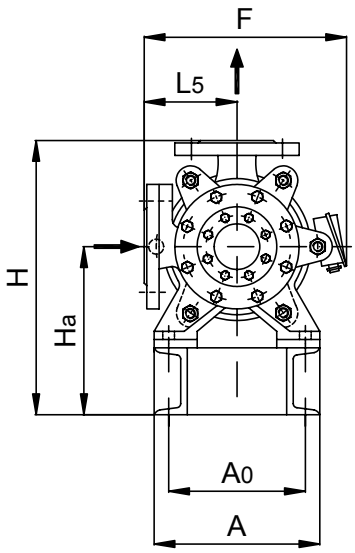


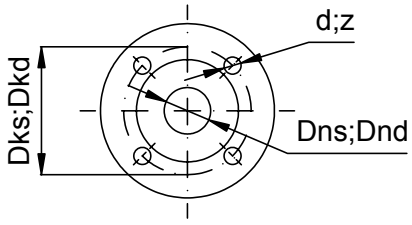
- Balancing holes provided in the impeller for balancing on hydraulic axial thrust



## TECHNICAL DATA – Main dimensions: Pump unit 2900 [rpm]




FLANGES :

suction DIN. 2533

discharge DIN. 2533, DIN. 2544

| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ / $L_4$ | M | A | $A_0$ | H | Ha | F | Dks / dns | Dkd / dnd | $L_5$ | zs / s | zd / s | $d_0$ | m (kg) Pump | m (kg) Agr. |
| | rpm | kW | | | | | | | | | | | | | | | | | | | |
| KCP 12 – 2 | 2900 | 1.1 | 680 | 500 | 370 | 64 | | 83 | | | 328 | | 245 | | | | | | | 27 | 53 |
| KCP 12 – 3 | 2900 | | 725 | 530 | 345 | 88 | | 113 | | | | | | | | | | | | 28 | 58 |
| KCP 12 – 4 | 2900 | 2.2 | 805 | 640 | 435 | 96 | | 143 | | | 360 | | 272 | 110 | 110 | | 4 | 4 | | 29 | 66 |
| KCP 12 – 5 | 2900 | | 835 | 940 | 450 | 112 | 130 | 173 | 200 | 160 | | 200 | | 40 | 40 | 110 | 18 | 18 | 14 | 30 | 68 |
| KCP 12 – 6 | 2900 | 3 | 910 | 705 | 490 | 128 | 177 | 203 | | | 374 | | 286 | | | | | | | 31 | 79 |
| KCP 12 – 7 | 2900 | | 940 | 735 | 505 | 142 | | 233 | | | | | | | | | | | | 32 | 82 |
| KCP 12 – 8 | 2900 | 4 | 975 | 770 | 530 | 115 | | 263 | 240 | 195 | 400 | | 334 | | | | | | | 33 | 95 |

## TECHNICAL DATA – Main dimensions: Pump unit 2900 [rpm]

| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ / $L_4$ | M | A | $A_0$ | H | Ha | F | Dks / dns | Dkd / dnd | $L_5$ | zs / s | zd / s | $d_0$ | m (kg) Pump | m (kg) Agr. |
| | rpm | kW | | | | | | | | | | | | | | | | | | | |
| KCP 22 – 2 | 2900 | 2.2 | 870 | 635 | 465 | 90 | | 105 | | | 412 | | 300 | | | | | | | 40 | 83 |
| KCP 22 – 3 | 2900 | 3 | 950 | 700 | 500 | 110 | | 141 | 255 | 215 | 430 | | 320 | | | | | | | 48 | 110 |
| KCP 22 – 4 | 2900 | 4 | 995 | 745 | 530 | 120 | | 177 | | | 450 | | 340 | | | | | | | 56 | 128 |
| KCP 22 – 5 | 2900 | 5.5 | 1095 | 820 | 590 | 140 | 158 | 213 | | | | 252 | | | | | | | | 64 | 150 |
| KCP 22 – 6 | 2900 | | 1130 | 860 | 610 | 160 | 236 | 249 | 280 | 240 | 427 | | 360 | 125 | 125 | | 4 | 4 | | 72 | 159 |
| KCP 22 – 7 | 2900 | 7.5 | 1165 | 895 | 625 | 180 | | 285 | | | | | | 50 | 50 | 140 | 18 | 18 | 18 | 80 | 175 |
| KCP 22 – 8 | 2900 | | 1200 | 930 | 640 | 195 | | 321 | | | | | | | | | | | | 88 | 184 |
| KCP 22 – 9 | 2900 | | 1385 | 1090 | 750 | 210 | | 357 | | | | | | | | | | | | 96 | 230 |
| KCP 22 – 10 | 2900 | 11 | 1420 | 1125 | 775 | 230 | | 393 | 325 | 280 | 480 | 270 | 400 | | | | | | | 104 | 245 |
| KCP 22 – 11 | 2900 | | 1455 | 1160 | 780 | 250 | | 429 | | | | | | | | | | | | 112 | 254 |
| KCP 22 - 12 | 2900 | | 1495 | 1195 | 795 | 270 | | 465 | | | | | | | | | | | | 120 | 236 |

| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ / $L_4$ | M | A | $A_0$ | H | Ha | F | Dks / dns | Dkd / dnd | $L_5$ | zs / s | zd / s | $d_0$ | m (kg) Pump | m (kg) Agr. |
| | rpm | kW | | | | | | | | | | | | | | | | | | | |
| KCP 32 - 2 | 2900 | 5.5 | 1070 | 795 | 590 | 115 | | 160 | 270 | 220 | 480 | 272 | 380 | | | | | | | 62 | 154 |
| KCP 32 - 3 | 2900 | 7.5 | 1135 | 895 | 655 | 150 | | 225 | | | | | | | | | | | | 72 | 190 |
| KCP 32 - 4 | 2900 | 11 | 1350 | 1075 | 735 | 180 | | 290 | 335 | 285 | | | | | | | | | | 82 | 228 |
| KCP 32 - 5 | 2900 | 15 | 1415 | 1115 | 770 | 210 | 165 | 355 | | | 500 | 292 | 425 | 145 | 145 | | 4 | 4 | | 92 | 259 |
| KCP 32 - 6 | 2900 | 19 | 1525 | 1125 | 870 | 200 | 271 | 420 | 325 | 280 | | | | 65 | 65 | 165 | 18 | 18 | 18 | 102 | 284 |
| KCP 32 - 7 | 2900 | | 1590 | 1270 | 920 | | | 485 | | | | | | | | | | | | 112 | 292 |
| KCP 32 - 8 | 2900 | 22 | 1670 | 1325 | 975 | | | 550 | 350 | 300 | | | | | | | | | | 122 | 366 |
| KCP 32 - 9 | 2900 | | 1735 | 1450 | 1065 | | | 615 | | | | | | | | | | | | 132 | 378 |
| KCP 32 - 10 | 2900 | 30 | 1905 | 1565 | 1050 | | | 680 | 410 | 350 | 685 | 375 | 480 | | | | | | | 142 | 499 |

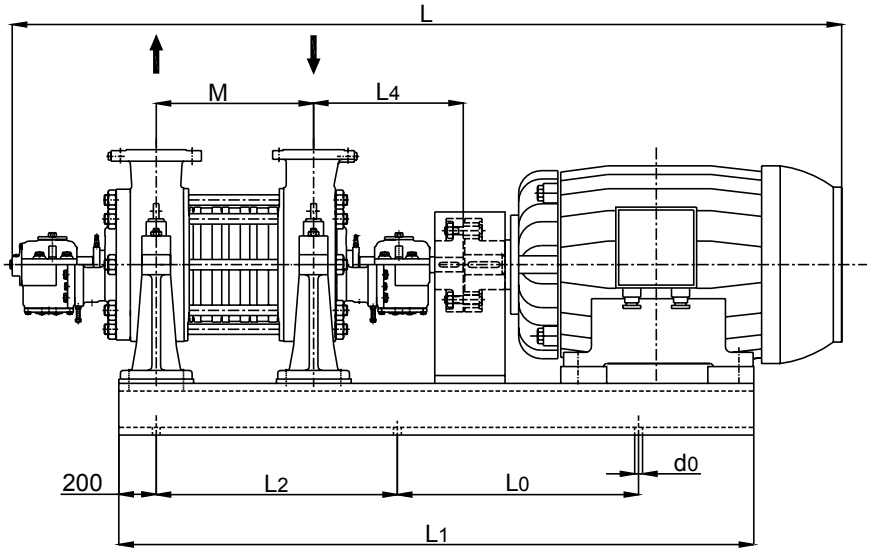
| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ / $L_4$ | M | A | $A_0$ | H | Ha | F | Dks / dns | Dkd / dnd | $L_5$ | zs / s | zd / s | $d_0$ | m (kg) Pump | m (kg) Agr. |
| | rpm | kW | | | | | | | | | | | | | | | | | | | |
| KCP 42 - 2 | 2900 | 7.5 | 1110 | 820 | 595 | 115 | | 160 | 270 | 220 | 480 | 272 | 380 | | | | | | | 62 | 160 |
| KCP 42 - 3 | 2900 | 11 | 1285 | 980 | 600 | 150 | | 225 | | | | | | | | | | | | 72 | 216 |
| KCP 42 - 4 | 2900 | 15 | 1340 | 1050 | 735 | 180 | | 290 | 335 | 285 | | | | | | | | | | 82 | 250 |
| KCP 42 - 5 | 2900 | | 1415 | 1115 | 770 | 210 | 165 | 355 | | | 500 | 292 | 425 | 145 | 145 | | 4 | 4 | | 92 | 259 |
| KCP 42 - 6 | 2900 | 19 | 1525 | 1225 | 870 | 200 | 271 | 420 | | | | | | 65 | 65 | 165 | 18 | 18 | 18 | 102 | 284 |
| KCP 42 - 7 | 2900 | 22 | 1605 | 1285 | 935 | | | 485 | 350 | 300 | 550 | 312 | 445 | | | | | | | 112 | 329 |
| KCP 42 - 8 | 2900 | | 1775 | 1440 | | | | 550 | | | | | | | | | | | | 122 | 474 |
| KCP 42 - 9 | 2900 | 30 | 1840 | 1505 | 1050 | | | 615 | 410 | 350 | 685 | 375 | 480 | | | | | | | 132 | 486 |
| KCP 42 - 10 | 2900 | | 1905 | 1565 | | | | 680 | | | | | | | | | | | | 142 | 499 |

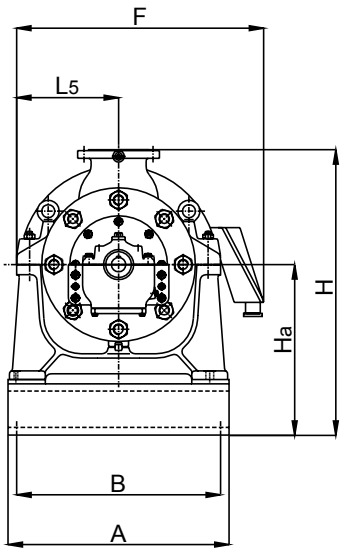
## TECHNICAL DATA – Main dimensions: Pump unit 2900, 1450 [rpm]

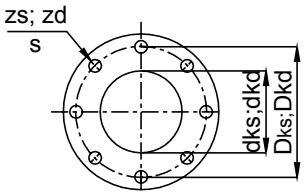
| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ | M | A | $A_0$ | H | Ha | F | Dks | Dkd | $L_5$ | zs | zd | $d_0$ | m (kg) | |
| | rpm | kW | | | | | $L_4$ | | | | | | | dns | dnd | | s | s | | Pump | Agr. |
| KCP 52 - 2 | 2900 | 15 | 1340 | 1020 | 750 | 140 | | 216 | | | 580 | 340 | 500 | | | | | | | 130 | 306 |
| KCP 52 - 3 | 2900 | 22 | 1480 | 1150 | 820 | 180 | | 296 | | | 570 | 330 | 520 | | | | | | | 150 | 360 |
| KCP 52 - 4 | 2900 | 30 | 1665 | 1315 | 905 | | 186 | 376 | 410 | 360 | | | | 160 | 160 | | 8 | 8 | 18 | 170 | 446 |
| KCP 52 - 5 | 2900 | 37 | 1745 | 1395 | 1000 | 200 | 304 | 456 | | | 600 | 340 | 555 | 80 | 80 | 240 | 18 | 18 | | 190 | 495 |
| KCP 52 - 6 | 2900 | | 1825 | 1475 | | | | 536 | | | | | | | | | | | | 210 | 530 |
| KCP 52 - 7 | 2900 | 45 | 1980 | 1570 | 1180 | 220 | | 616 | 445 | 385 | 685 | 400 | 585 | | | | | | 22 | 230 | 650 |
| KCP 52 - 8 | 2900 | 55 | 2135 | 1750 | 1310 | | | 696 | 505 | 445 | 750 | 430 | 610 | | | | | | | 250 | 785 |

| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ | M | A | $A_0$ | H | Ha | F | Dks | Dkd | $L_5$ | zs | zd | $d_0$ | m (kg) | |
| | rpm | kW | | | | | $L_4$ | | | | | | | dns | dnd | | s | s | | Pump | Agr. |
| KCP 62 – 2 | 1450 | 5.5 | 1165 | 870 | 639 | 120 | | 172 | 271 | 225 | 512 | 312 | 455 | | | | | | | 111 | 216 |
| KCP 62 – 2a | 1450 | 4 | 1100 | 825 | 600 | | | | 252 | 205 | 492 | 292 | 440 | | | | | | | | 196 |
| KCP 62 – 3 | 1450 | 11 | 1390 | 1070 | 780 | 160 | | 253 | 315 | 265 | 525 | 325 | 500 | | | | | | | 125 | 281 |
| KCP 62 – 3a | 1450 | 7.5 | 1280 | 985 | 698 | | | | 271 | 225 | 512 | 312 | 455 | | | | | | | | 250 |
| KCP 62 – 4 | 1450 | 11 | 1470 | 1155 | 803 | 200 | | 333 | 315 | 265 | 525 | 325 | 500 | | | | | | | 139 | 308 |
| KCP 62 –4a | 1450 | 7.5 | 1365 | 1070 | 738 | | | | 271 | 225 | 512 | 312 | 455 | | | | | | | | 266 |
| KCP 62 – 5 | 1450 | 15 | 1600 | 1275 | 866 | 240 | 185 | 414 | 315 | 265 | 525 | 325 | 500 | 180 | 160 | | 8 | 8 | | 153 | 350 |
| KCP 62 – 5a | 1450 | 11 | 1555 | 1235 | 844 | | 317 | | | | | | | 100 | 80 | 240 | 18 | 18 | 18 | | 320 |
| KCP 62 – 6 | 1450 | 18.5 | 1695 | 1365 | 913 | 280 | | 494 | 350 | 290 | 550 | 312 | 520 | | | | | | | 167 | 405 |
| KCP 62 – 6a | 1450 | 15 | 1675 | 1355 | 906 | | | | 315 | 265 | 525 | 325 | 500 | | | | | | | | 365 |
| KCP 62 – 7 | 1450 | 18.5 | 1780 | 1445 | 953 | 320 | | 575 | 350 | 290 | 550 | 312 | 520 | | | | | | | 181 | 423 |
| KCP 62 – 7a | 1450 | 15 | 1760 | 1440 | 947 | | | | 315 | 265 | 525 | 325 | 500 | | | | | | | | 385 |
| KCP 62 – 8 | 1450 | 22 | 1896 | 1565 | 1012 | 360 | | 655 | 350 | 290 | 550 | 312 | 520 | | | | | | | 195 | 466 |
| KCP 62 – 8a | 1450 | 18.5 | 1860 | 1525 | 1020 | | | | | | | | | | | | | | | | 445 |

## TECHNICAL DATA – Main dimensions: Pump unit 2900 [rpm]



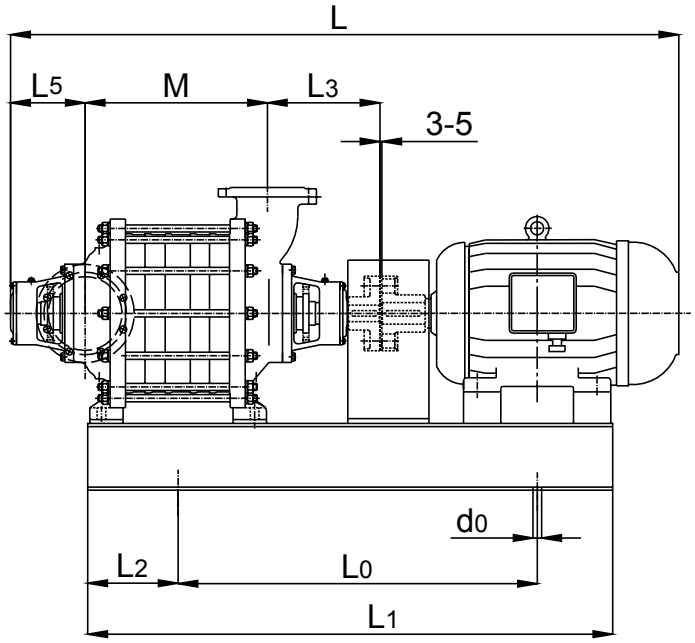



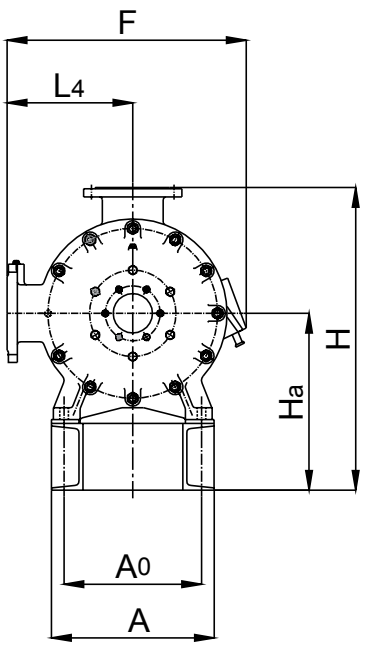



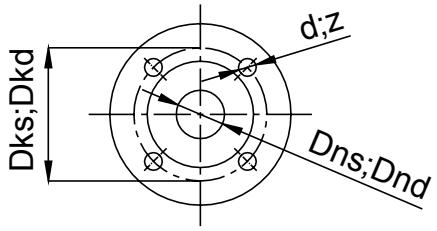

FLANGES:
suction DIN 2533
discharge DIN 2547

| PUMP TYPE | n | P | DIMENSION mm | | | | | | | | | | | | | | | | | m (kg) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | rpm | kW | L | $L_1$ | $L_0$ | $L_2$ | $L_4$ | M | A | B | H | Ha | F | Dks dns | Dkd dnd | $L_5$ | zs s | zd s | $d_0$ | Pump | Agr. |
| KCP 162 – 2 | 2900 | 75 | 2360 | 1755 | 1035 | 350 | 516 | 326 | 770 | 710 | 1000 | 600 | 723 | 240 150 | 250 125 | 355 | 8 23 | 8 33 | 27 35 | 762 | 1650 |
| KCP 162 – 3 | 2900 | 110 | 2560 | 1925 | 770 | 770 | | 426 | | | | | 802 | | | | | | | 852 | 1900 |
| KCP 162 – 4 | 2900 | 160 | 2892 | 2215 | 840 | 840 | | 526 | | | | | 935 | | | | | | | 942 | 2475 |
| KCP 162 – 5 | 2900 | 200 | 2990 | 2315 | 890 | 890 | | 626 | | | | | | | | | | | | 1032 | 2635 |
| KCP 162 – 6 | 2900 | 250 | 3395 | 2775 | 1060 | 1060 | | 726 | 780 | | | | | | | | | | | 1122 | 2902 |
| KCP 162 – 6a | 2900 | 160 | 3092 | 2415 | 840 | 890 | | 726 | 770 | | | | 960 | | | | | | | 1122 | 3082 |
| KCP 162 – 7 | 2900 | 315 | 3645 | 3025 | 1150 | 1150 | | 826 | 780 | | | | 770 | | | | | | | 1212 | 3180 |
| KCP 162 – 8 | 2900 | | 3740 | 3125 | 1200 | 1200 | | 926 | | | | | | | | | | | | 1302 | 3295 |

## TECHNICAL DATA – Main dimensions: Pump unit 1450 [rpm]




FLANGES :

suction

discharge

DIN. 2502

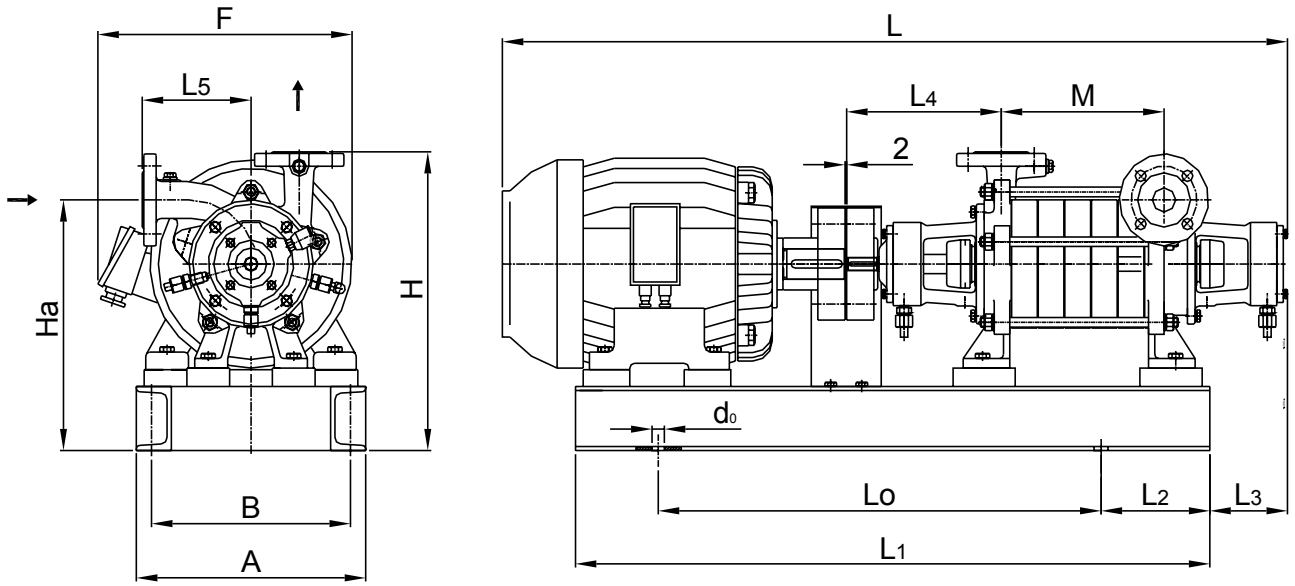
| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ / $L_4$ | M | A | $A_0$ | H | Ha | F | Dks / dns | Dkd / dnd | $L_5$ | zs / s | zd / s | $d_0$ | m (kg) Pump | m (kg) Agr. |
| | rpm | kW | | | | | | | | | | | | | | | | | | | |
| KCP 122 – 2 | 1450 | 15 | 1410 | 1085 | 780 | 150 | 185 | 300 | 415 | 355 | 765 | 445 | 578 | 210 / 125 | 220 / 125 | 320 | 18 | 27 | 22 | 250 | 494 |
| KCP 122 – 2 a | 1450 | 11 | 1365 | 1040 | | | | | | | | | | | | | | | | | 464 |
| KCP 122 – 4 | 1450 | 30 | 1700 | 1340 | 915 | 230 | 287 | 464 | | | 770 | 450 | 634 | | | | | | | 300 | 686 |
| KCP 122 – 4 a | 1450 | 22 | 1635 | 1290 | | | | | | | | 445 | 598 | | | | 8 | 8 | | | 580 |
| KCP 122 – 6 | 1450 | 45 | 1955 | 1560 | 1060 | 310 | 185 | 628 | 445 | 385 | | 450 | 662 | | | | | | | 350 | 895 |
| KCP 122 – 6a | 1450 | 37 | 1930 | 1535 | 1030 | | | | 450 | | | | 634 | | | | | | | | 856 |
| KCP 122 – 8 | 1450 | 55 | 2195 | 1795 | 1180 | 390 | 297 | 792 | 515 | 455 | 790 | 470 | 688 | | | | | | 27 | 380 | 990 |
| KCP 122 – 8 a | 1450 | 45 | 2120 | 1725 | 1145 | | | | | | | | 662 | | | | | | | | 940 |
| KCP 122 -10 | 1450 | 75 | 2425 | 2025 | 1330 | 470 | 185 / 319 | 956 | 580 | 520 | 840 | 480 | 715 | | | | | | | 410 | 1150 |

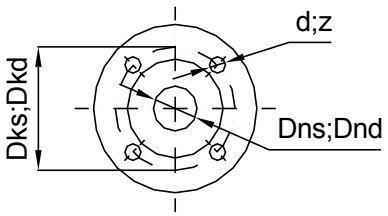
## TECHNICAL DATA – Main dimensions: Pump unit 1450 [rpm]

| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ / $L_4$ | M | A | $A_0$ | H | Ha | F | Dks / dns | Dkd / dnd | $L_5$ | zs / s | zd / s | $d_0$ | m (kg) Pump | m (kg) Agr. |
| | rpm | kW | | | | | | | | | | | | | | | | | | | |
| KCP 182 – 2 | 1450 | 45 | 1765 | 1320 | 950 | 175 | 248 | 350 | 450 | 395 | 845 | 470 | 687 | 240 | 250 | 345 | 8 | 8 | 22 | 342 | 597 |
| KCP 182 - 2 b | 1450 | 22 | 1625 | 1220 | 875 | | 314 | | | | | | 623 | | | | | | | | 676 |
| KCP 182 – 4 | 1450 | 75 | 2110 | 1635 | 1125 | 280 | 248 | 553 | 575 | 515 | | 500 | 740 | | | | | | 27 | 502 | 1260 |
| KCP 182 - 4 a | 1450 | 55 | 2045 | 1560 | 1025 | | | | 505 | 445 | | 510 | 713 | | | | | | | | 1125 |
| KCP 182 – 6 | 1450 | 132 | 2490 | 1990 | 1330 | 380 | | 756 | 635 | 575 | 900 | | 792 | 150 | 150 | | 23 | 27 | | 662 | 1748 |
| KCP 182 – 6a | 1450 | 110 | 2440 | 1940 | 1310 | | 324 | | | | | | | | | | | | | | 1648 |
| KCP 182 - 6 b | 1450 | 90 | 2365 | 1905 | 1260 | | | | 576 | 515 | 845 | 500 | 740 | | | | | | | | 1475 |
| KCP 182 – 8 | 1450 | 160 | 2695 | 2190 | 1440 | 480 | | 960 | 635 | 575 | 900 | 510 | 792 | | | | | | | 822 | 2238 |
| KCP 182 - 8 a | 1450 | 132 | | | | | | | | | | | | | | | | | | | 1918 |

| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n | P | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ / $L_4$ | M | A | $A_0$ | H | Ha | F | Dks / dns | Dkd / dnd | $L_5$ | zs / s | zd / s | $d_0$ | m (kg) Pump | m (kg) Agr. |
| | rpm | kW | | | | | | | | | | | | | | | | | | | |
| KCP 252 – 2 | 1450 | 110 | 2395 | 1780 | 1300 | 220 | 351 | 257 | 640 | 710 | 1165 | 640 | 952 | 295 | 320 | 505 | 8 | 12 | 27 | 875 | 1910 |
| KCP 252 - 2 a | 1450 | 90 | 2330 | 1735 | 1260 | | | | | | | | 900 | | | | | | | | 1720 |
| KCP 252 – 4 | 1450 | 250 | 3325 | 2725 | 1850 | 350 | | 732 | 780 | | | | 895 | | | | | | | 1200 | 3185 |
| KCP 252 - 4 a | 1450 | 200 | 3275 | 2575 | 1775 | | | | | | | | | | | | | | | | 3030 |
| KCP 252 - 4 b | 1450 | 160 | 2710 | 2090 | 1475 | | | | 640 | 570 | | | 952 | | | | | | | | 2660 |
| KCP 252 – 6 | 1450 | 315 | 3585 | 2980 | 1975 | 480 | 494 | 989 | 780 | 710 | 1185 | 660 | 890 | | | | 23 | 30 | | 1525 | 3825 |
| KCP 252 - 6 a | 1450 | 250 | | | | | | | | | | | | 200 | 200 | | | | | | 3525 |
| KCP 252 - 6 b | 1450 | 200 | 3430 | 2830 | 1900 | | | | | | | | | | | | | | | | 3375 |
| KCP 252 – 8 | 1450 | 450 | 3880 | 3260 | 2200 | 535 | | 1246 | 980 | 910 | 1240 | 790 | 995 | | | | | | | 1850 | 5175 |
| KCP 252 - 8 a | 1450 | 400 | | | | | | | | | | | | | | | | | | | 4575 |
| KCP 252 - 8 b | 1450 | 360 | | | | | | | | | | | | | | | | | | | |

## TECHNICAL DATA – Main dimensions: Pump unit 2900 [rpm]



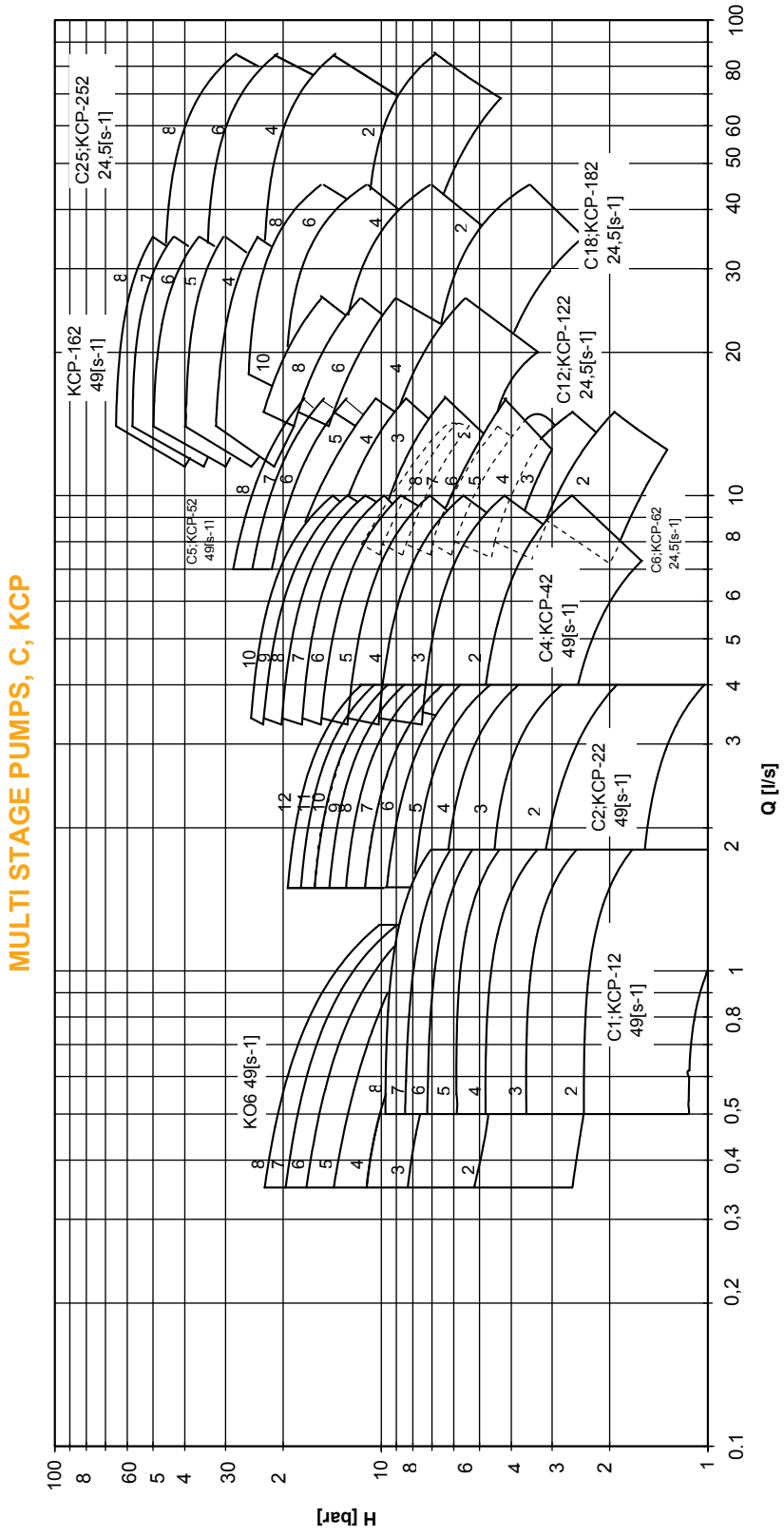

FLANGES :

suction — DIN. 2544

discharge

| DIMENSION mm | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PUMP TYPE | n rpm | P kW | L | $L_1$ | $L_0$ | $L_2$ | $L_3$ $L_4$ | M | A | B | H | Ha | F | Dks dns | Dkd dnd | $L_5$ | zs s | zd s | $d_0$ | m (kg) Pump | m (kg) Agr. |
| KO6 – 2 | 1450 | 0.75 | 745 | 490 | 410 | 80 | | 73 | 240 | 200 | 400 | 287 | 280 | | | | | | | 27 | 49 |
| KO6 – 4 | 2900 | 4 | 920 | 675 | 465 | 120 | | 143 | 240 | 200 | 421 | 287 | 375 | | | | | | | 37 | 108 |
| KO6 – 5 | 2900 | 5.5 | 1020 | 750 | 520 | 140 | 111 | 178 | | | | | | 85 | 85 | | 4 | 4 | | 42 | 129 |
| KO6 – 6 | 2900 | 5.5 | 1055 | 785 | 540 | 155 | 197 | 213 | 280 | 240 | 400 | 302 | 390 | 30 | 25 | 130 | 14 | 14 | 14 | 47 | 134 |
| KO6 – 7 | 2900 | 7.5 | 1096 | 820 | 560 | 170 | | 248 | | | | | | | | | | | | 52 | 146 |
| KO6 – 8 | 2900 | 7.5 | 1125 | 855 | 575 | 190 | | 283 | | | | | | | | | | | | 57 | 152 |

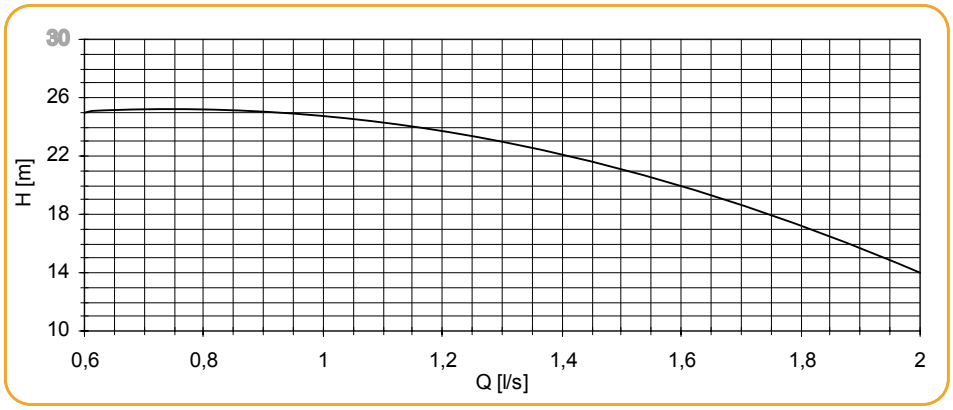
## General performance curves



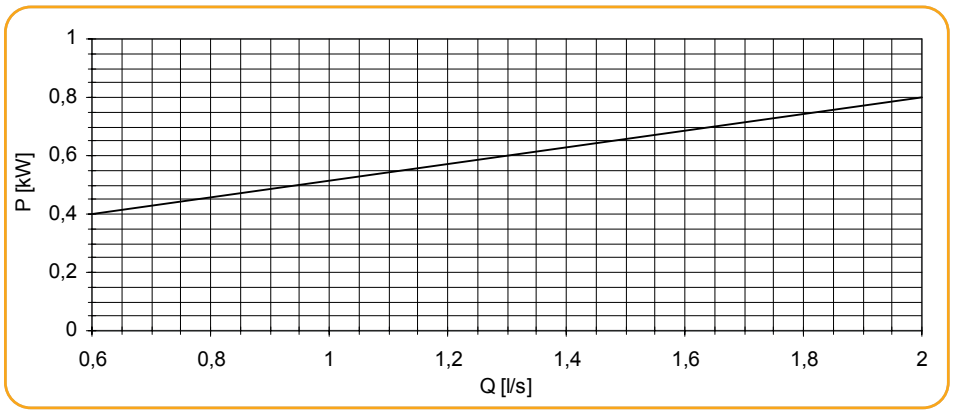
## Pump performance curves

KCP 12-2
n =2900 (rpm)

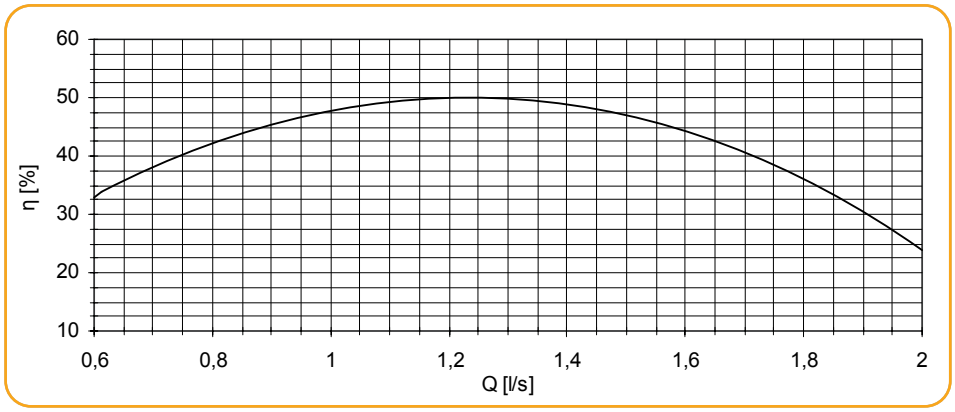
Total Differential Head



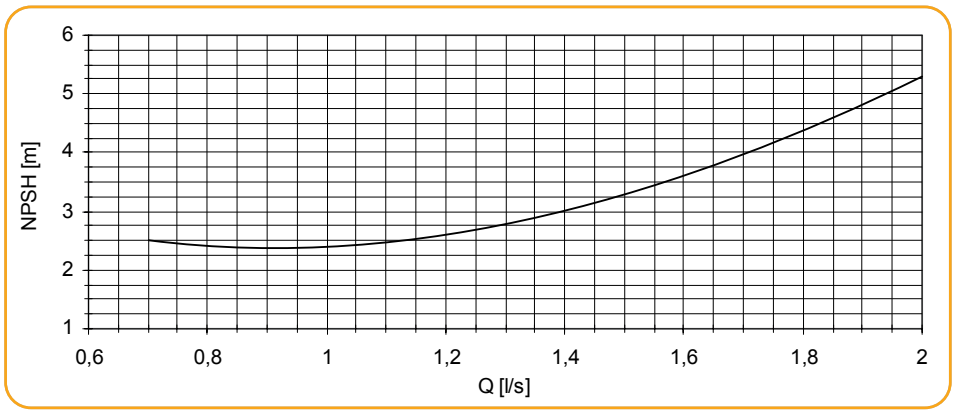

Power Input




Efficiency




Net Positive Suction Head

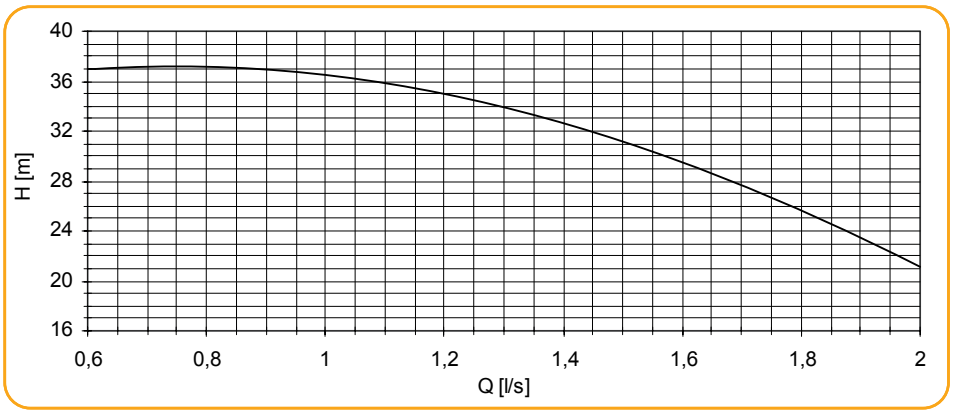



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

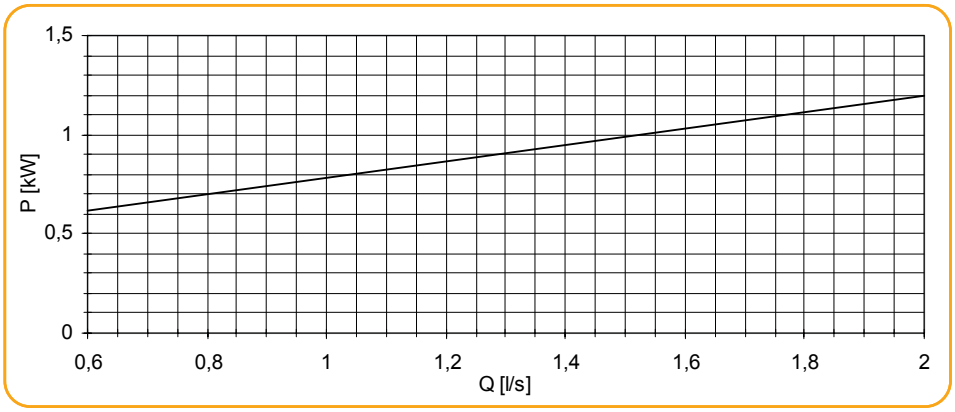
## Pump performance curves

KCP 12-3
n =2900 (rpm)

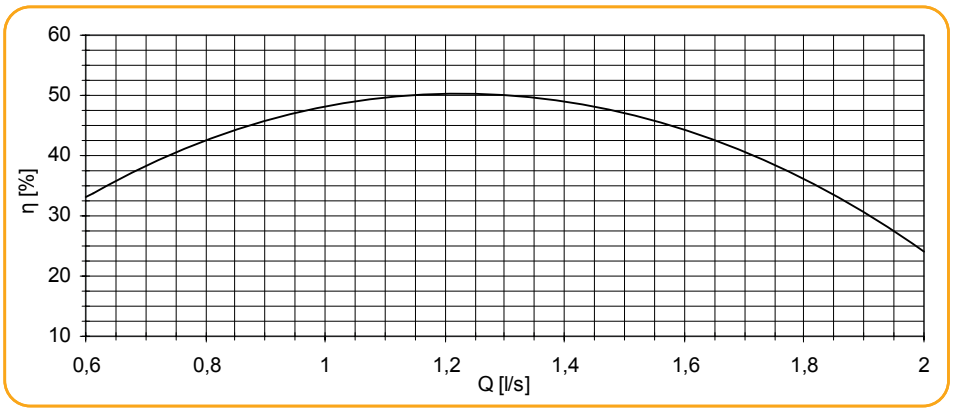
Total Differential Head



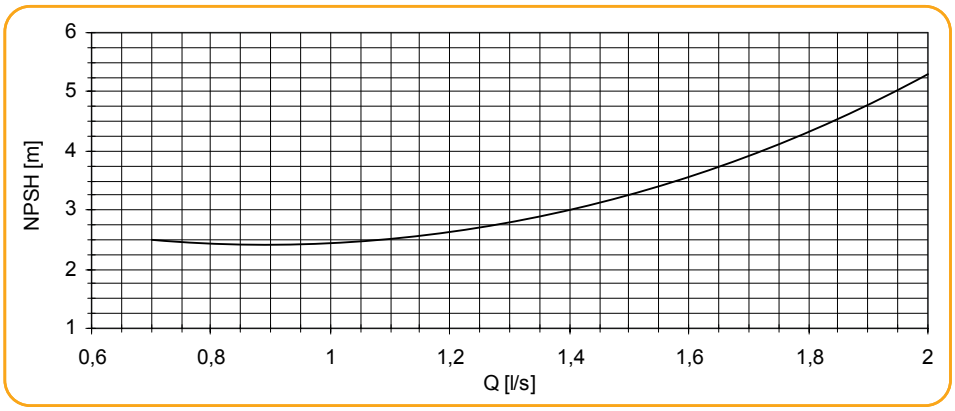

Power Input




Efficiency




Net Positive Suction Head



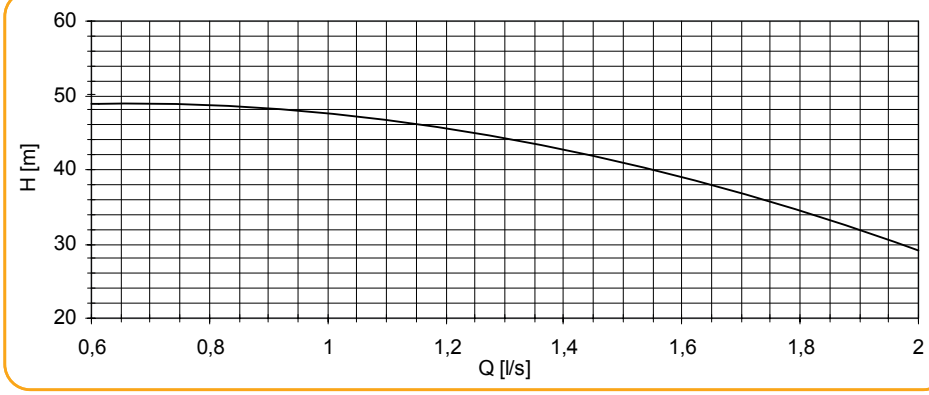



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

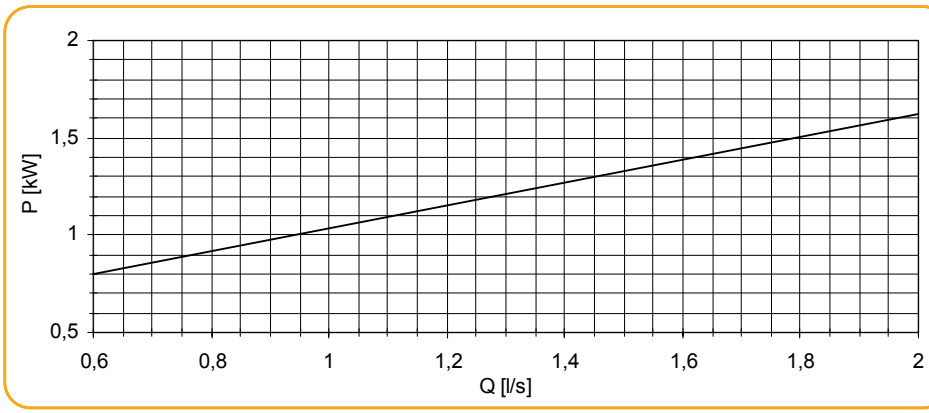
## Pump performance curves

KCP 12-4
n =2900 (rpm)

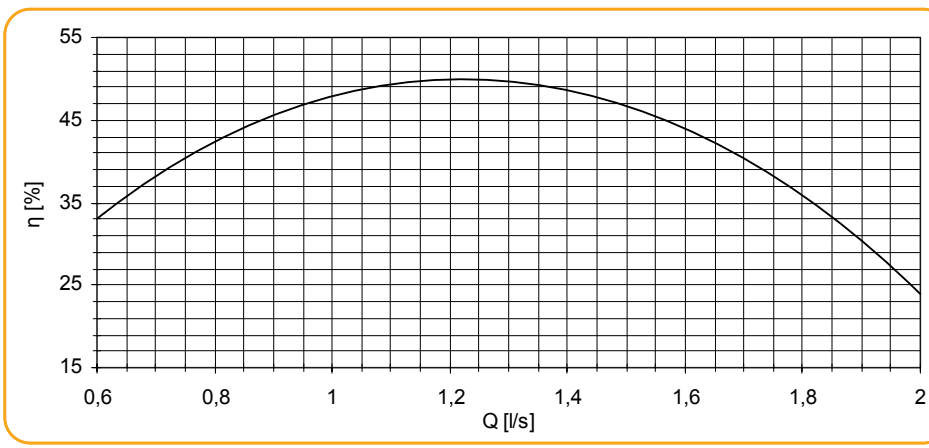
Total Differential Head



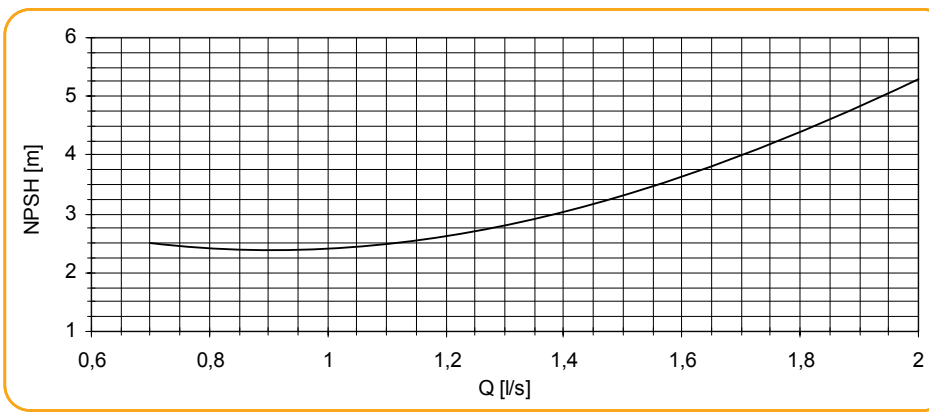

Power Input




Efficiency




Net Positive Suction Head

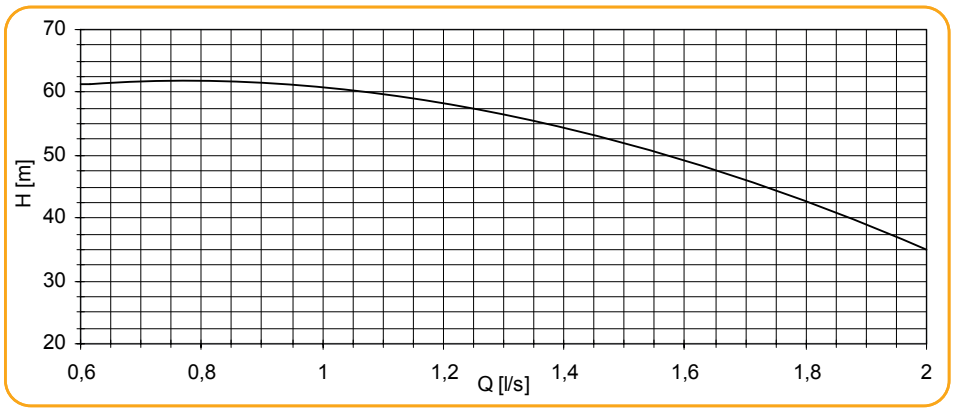



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

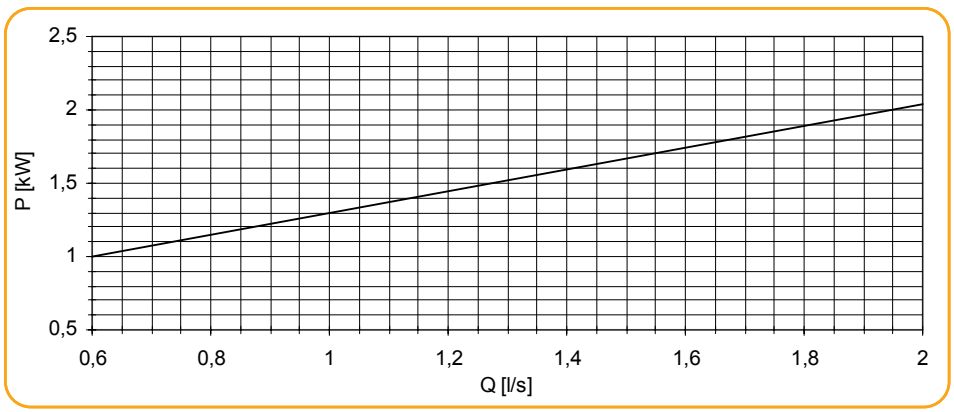
## Pump performance curves

KCP 12-5
n =2900 (rpm)

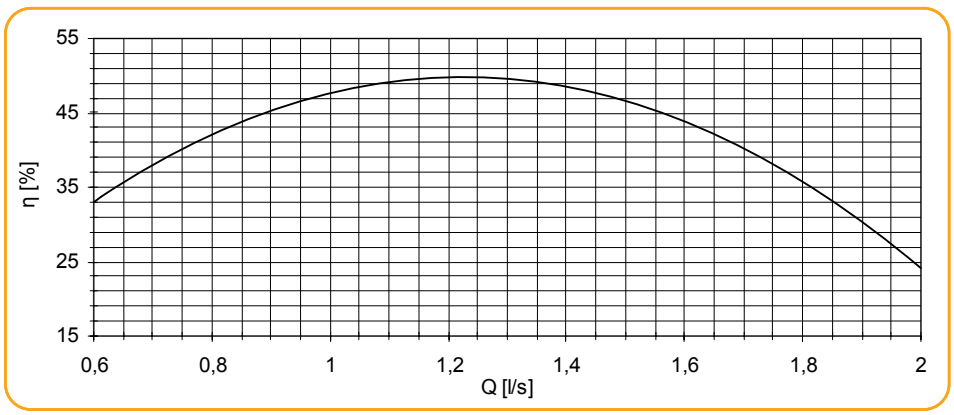
Total Differential Head



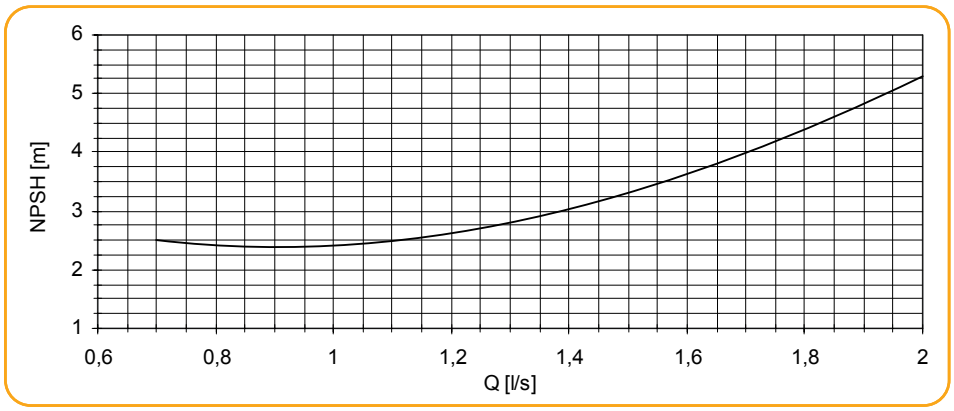

Power Input




Efficiency




Net Positive Suction Head



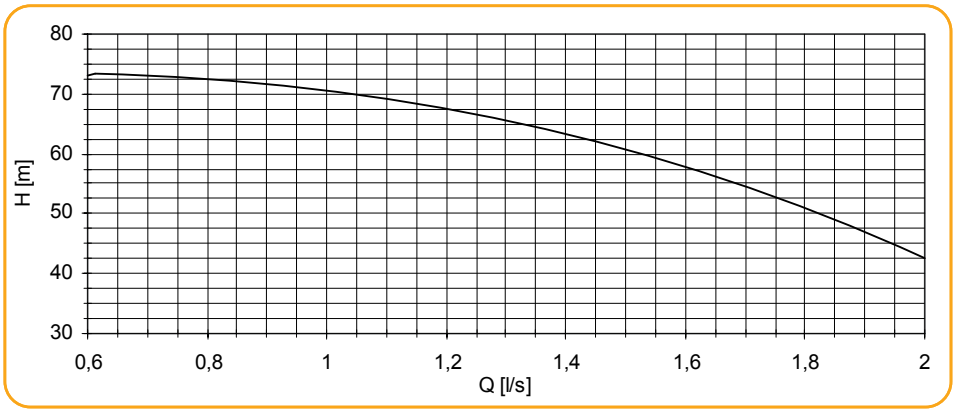



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

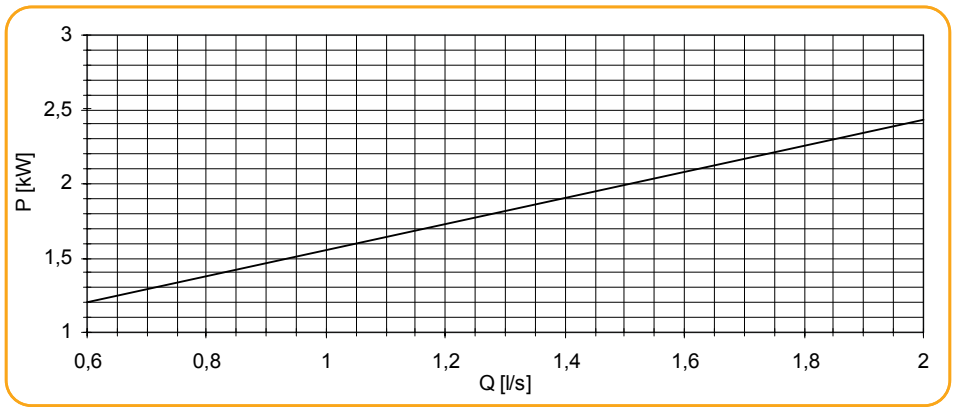
## Pump performance curves

KCP 12-6
n =2900 (rpm)

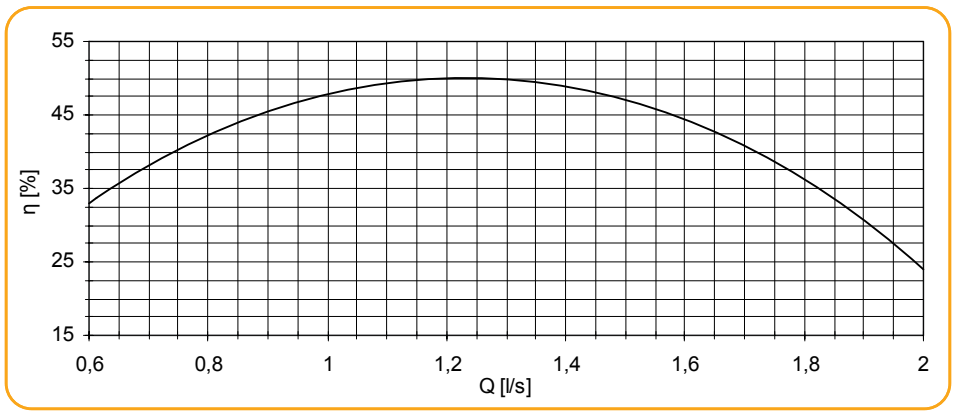
Total Differential Head



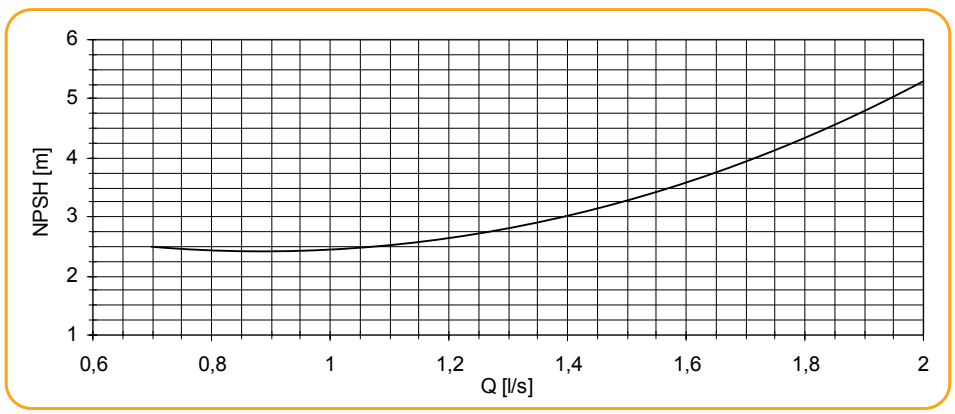

Power Input




Efficiency




Net Positive Suction Head

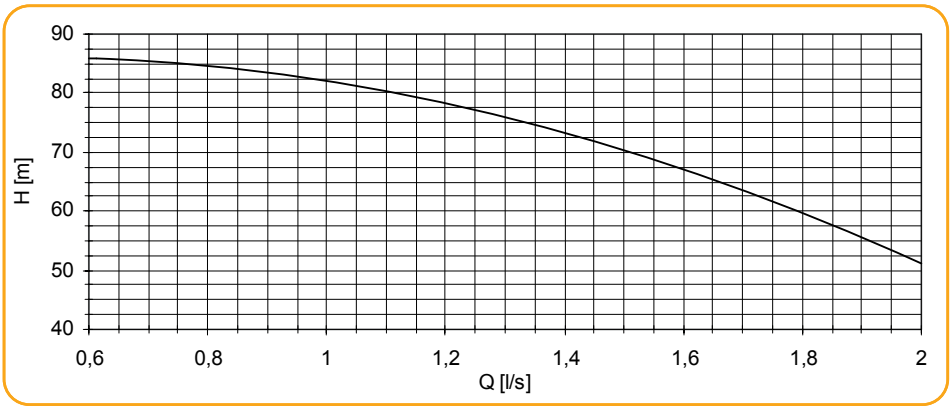



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

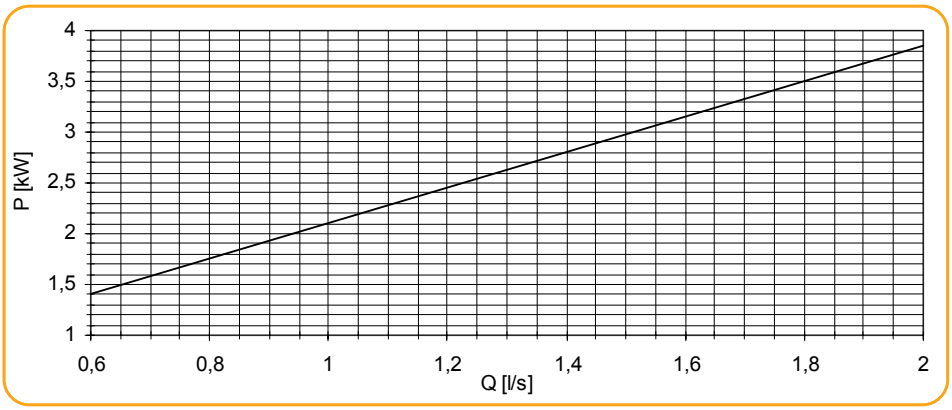
## Pump performance curves

KCP 12-7
n =2900 (rpm)

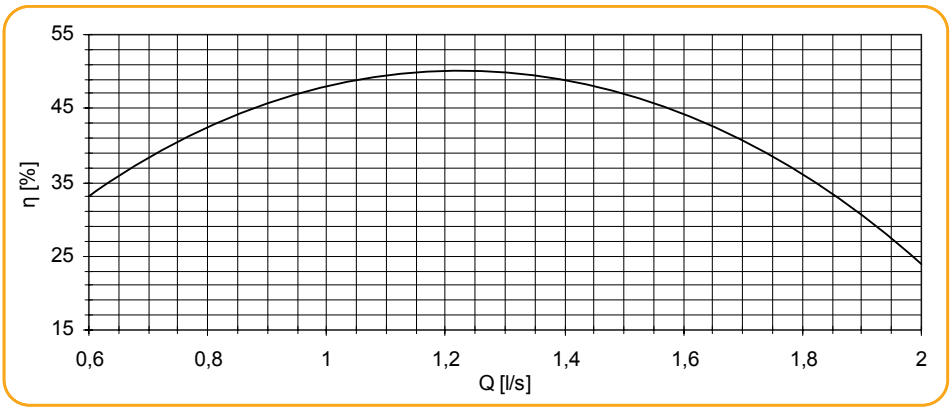
Total Differential Head



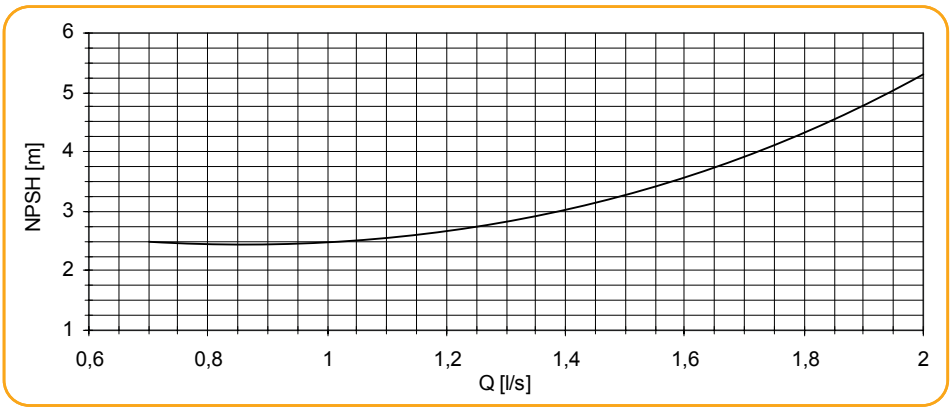

Power Input




Efficiency




Net Positive Suction Head



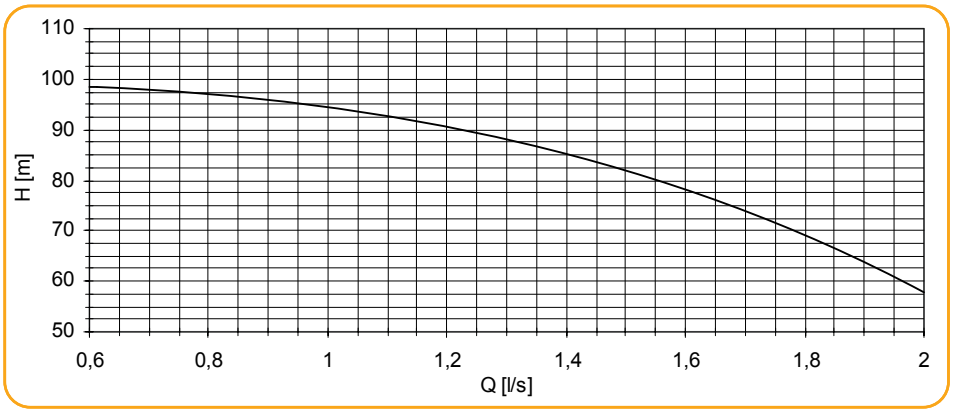



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

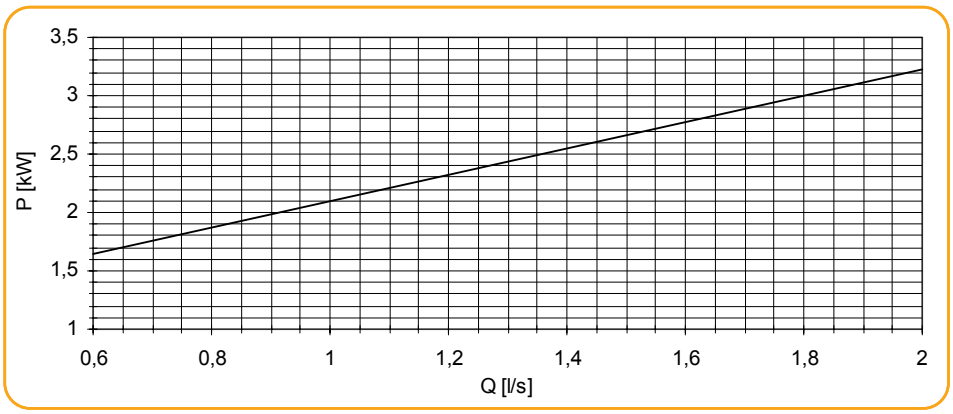
## Pump performance curves

KCP 12-8
n =2900 (rpm)

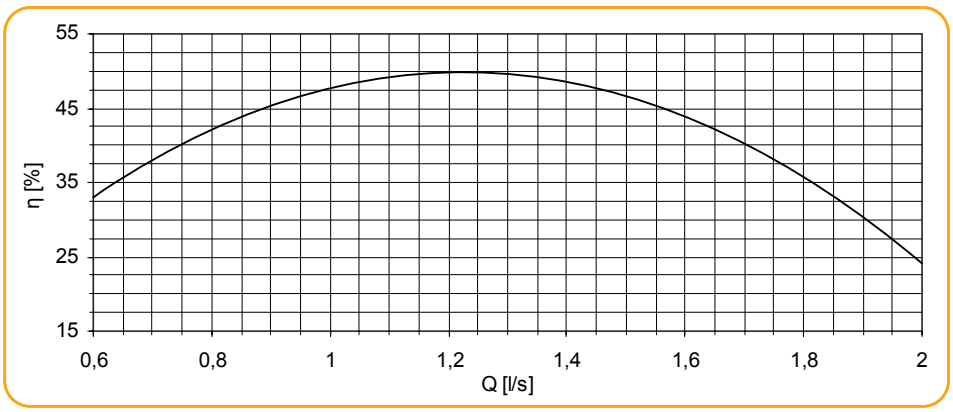
Total Differential Head



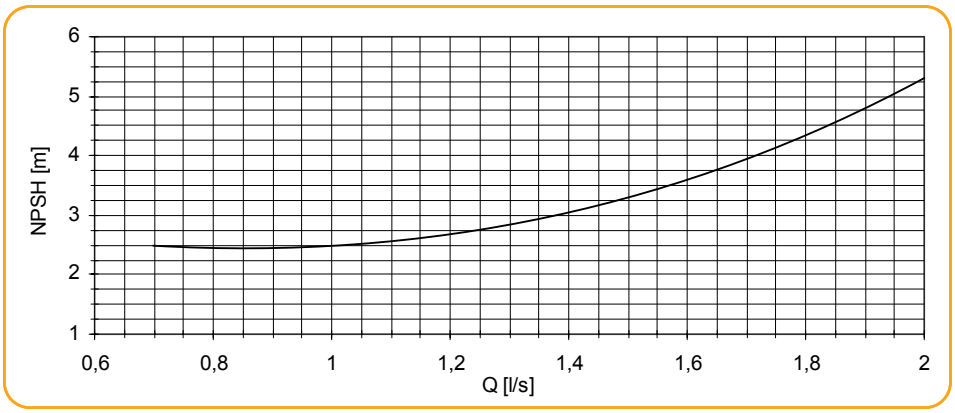

Power Input




Efficiency




Net Positive Suction Head

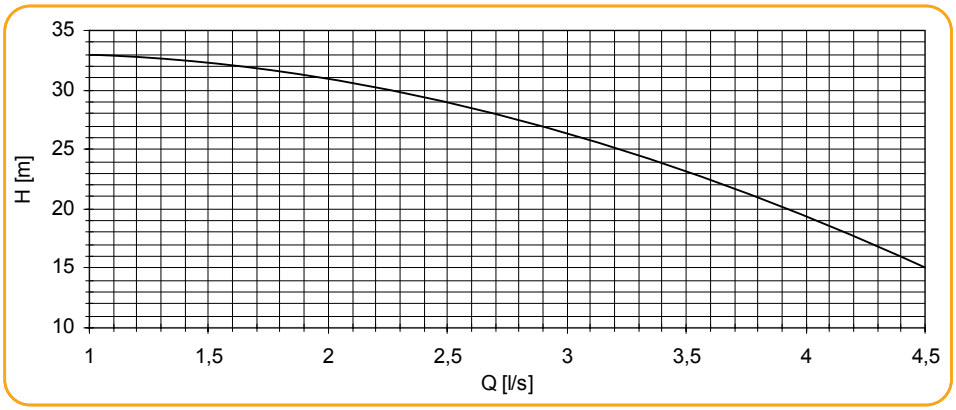



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

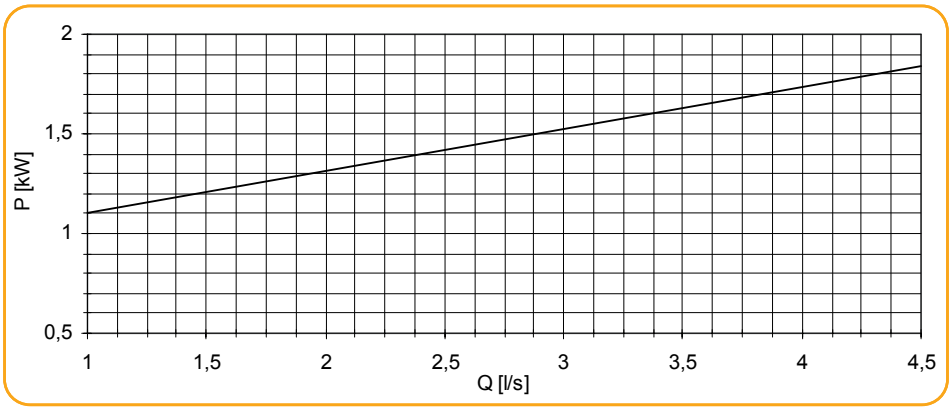
## Pump performance curves

KCP 22-2
n =2900 (rpm)

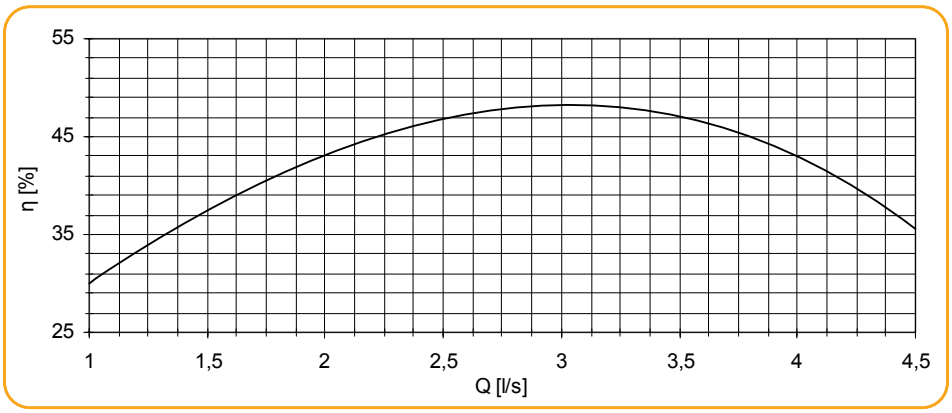
Total Differential Head



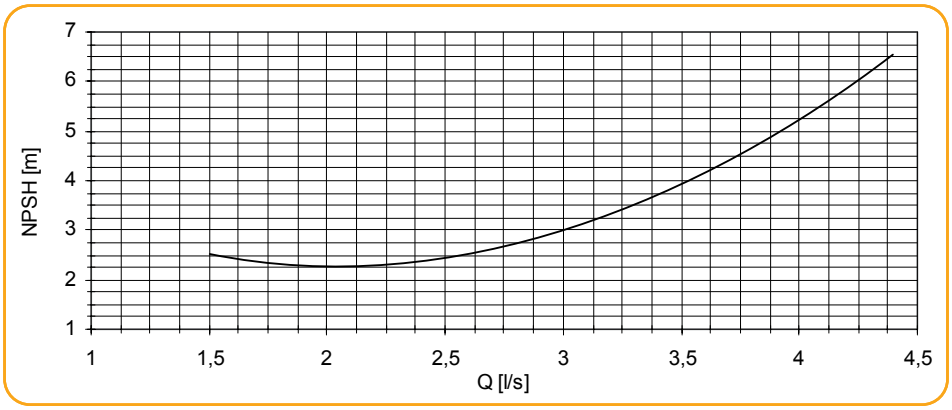

Power Input




Efficiency




Net Positive Suction Head



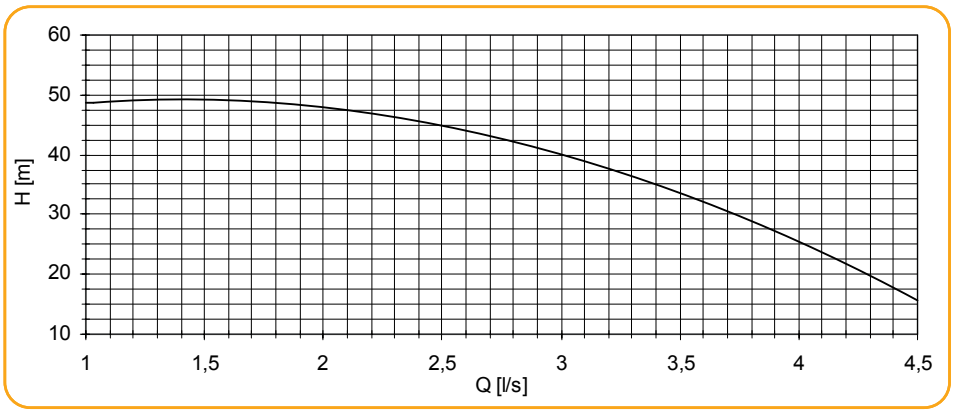



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

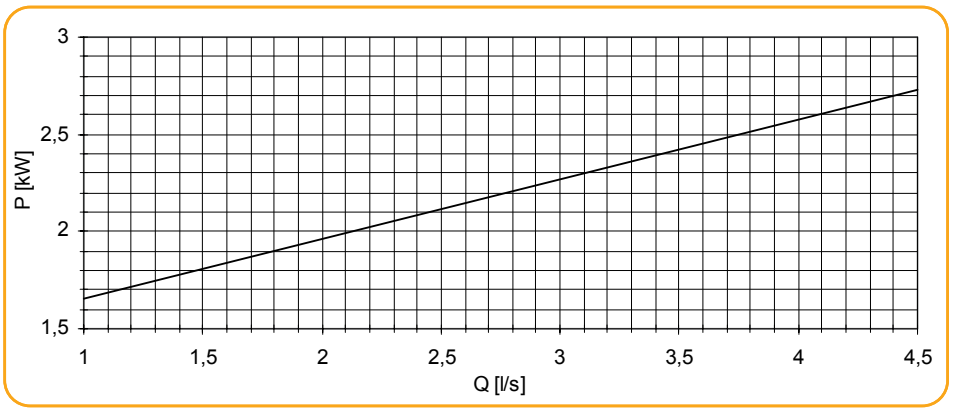
## Pump performance curves

KCP 22-3
n =2900 (rpm)

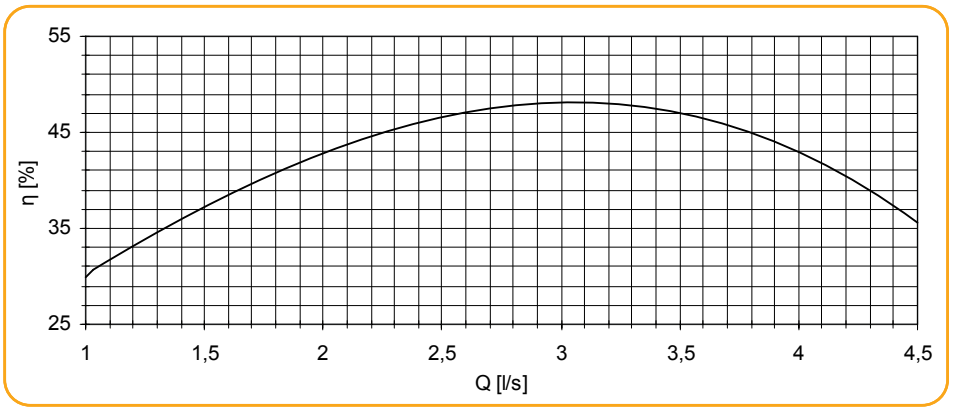
Total Differential Head



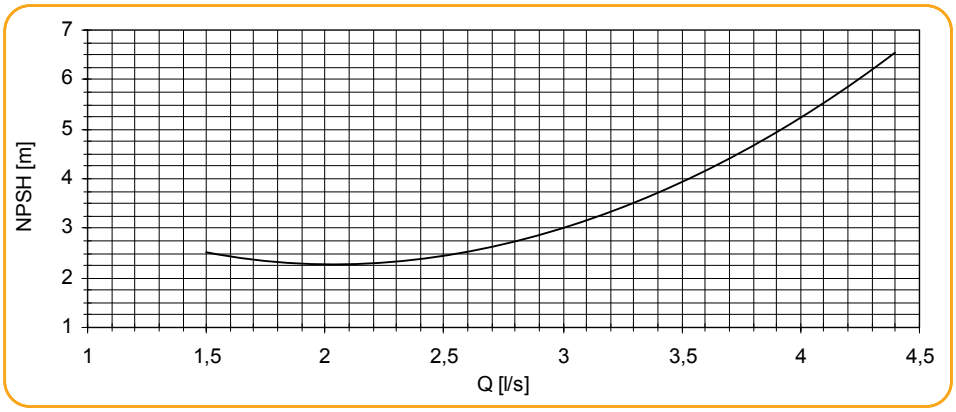

Power Input




Efficiency




Net Positive Suction Head

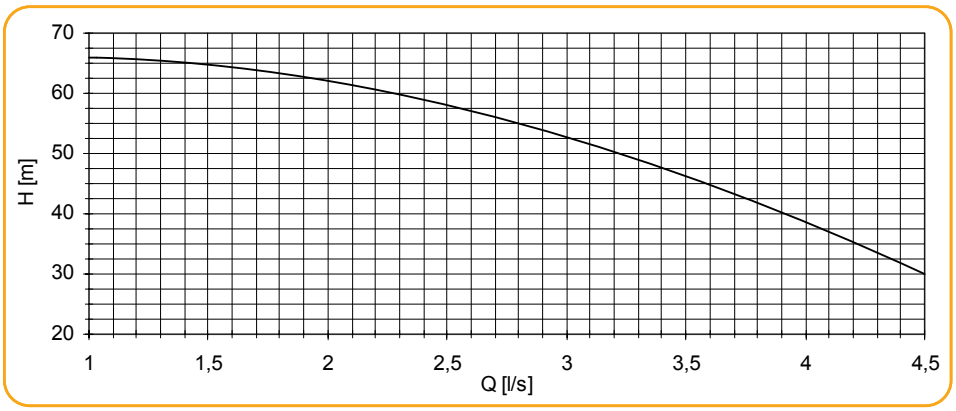



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

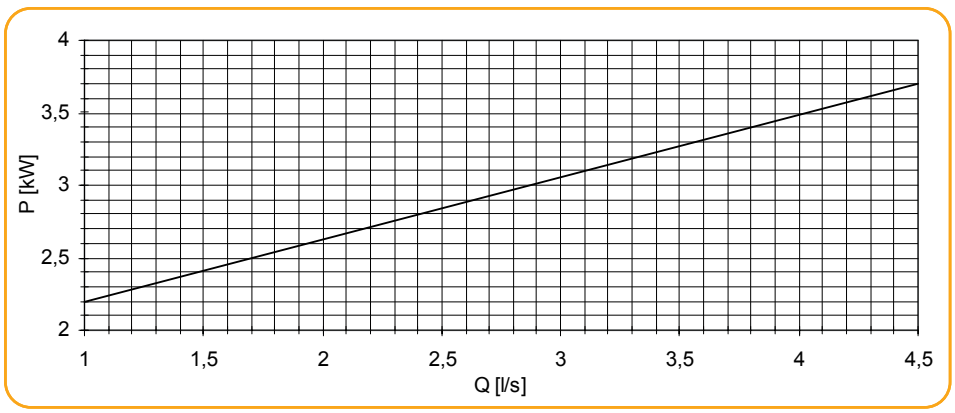
## Pump performance curves

KCP 22-4
n =2900 (rpm)

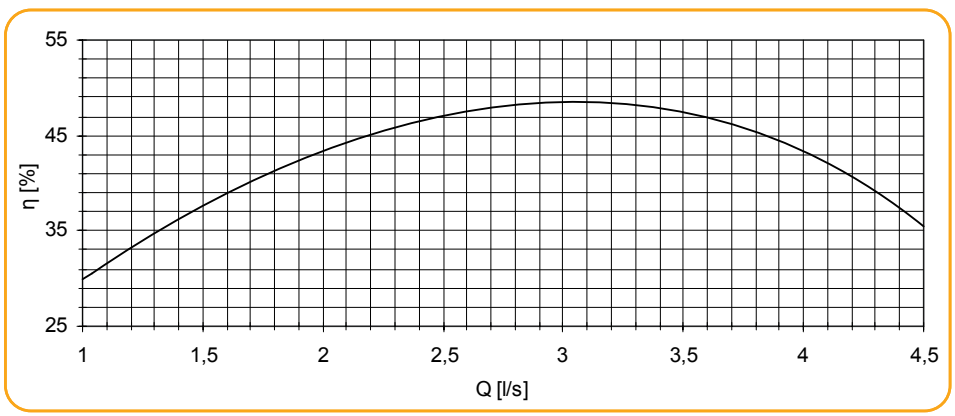
Total Differential Head



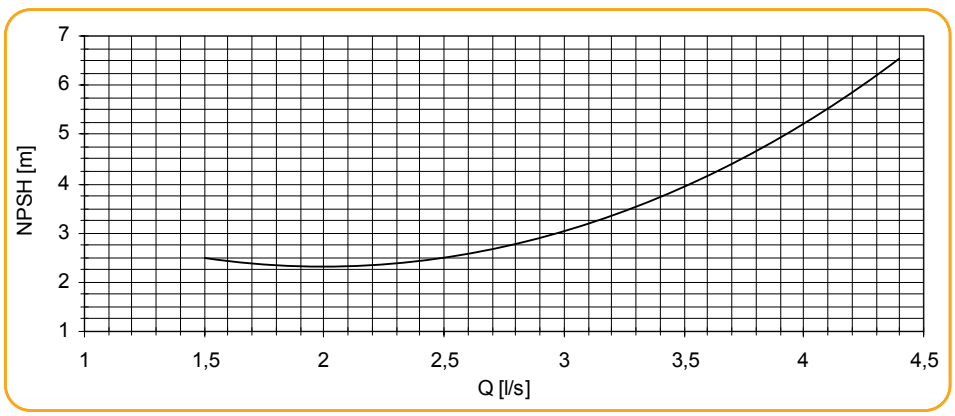

Power Input




Efficiency




Net Positive Suction Head



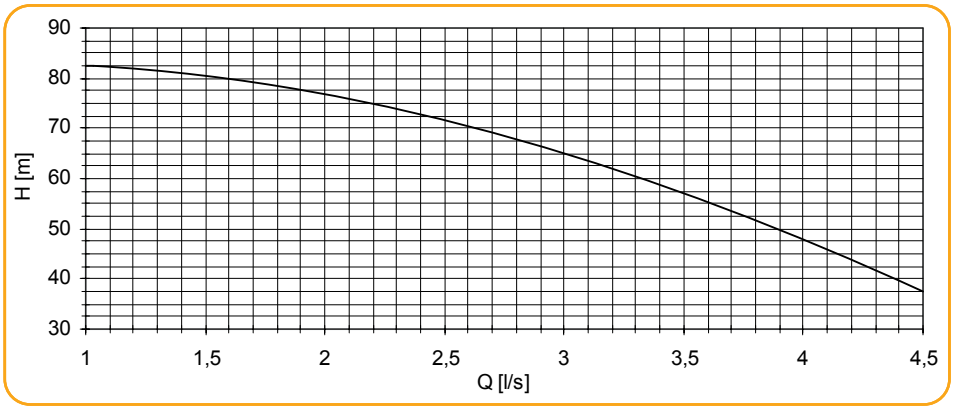



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

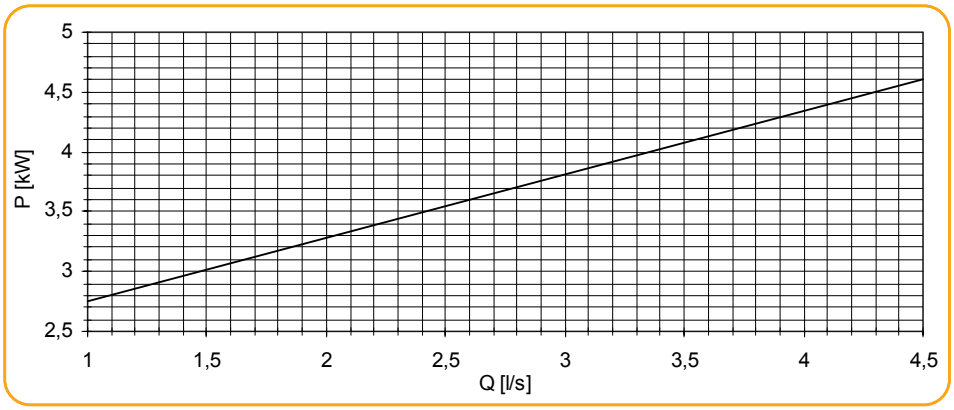
## Pump performance curves

KCP 22-5
n =2900 (rpm)

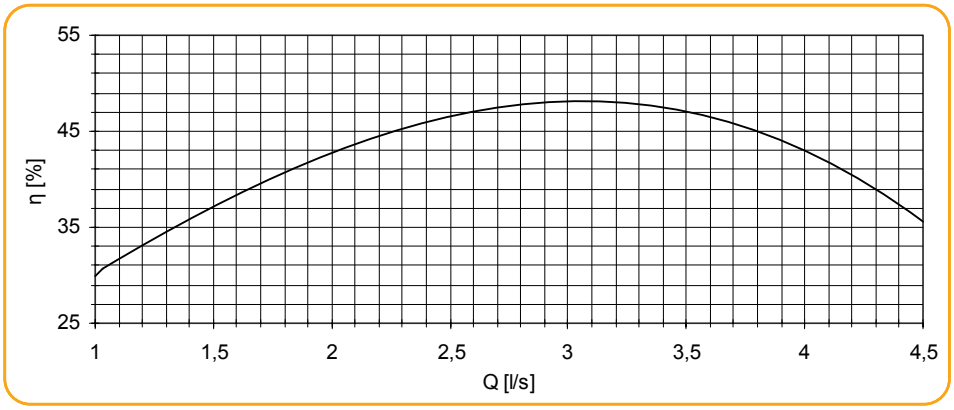
Total Differential Head



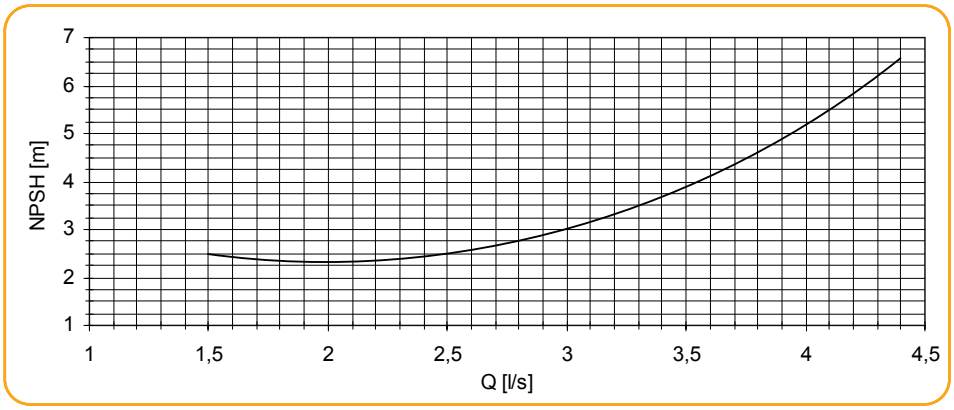

Power Input




Efficiency




Net Positive Suction Head

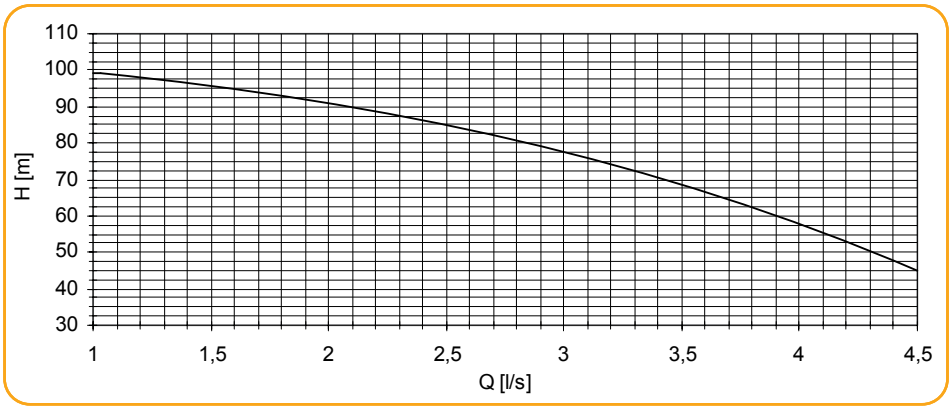



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

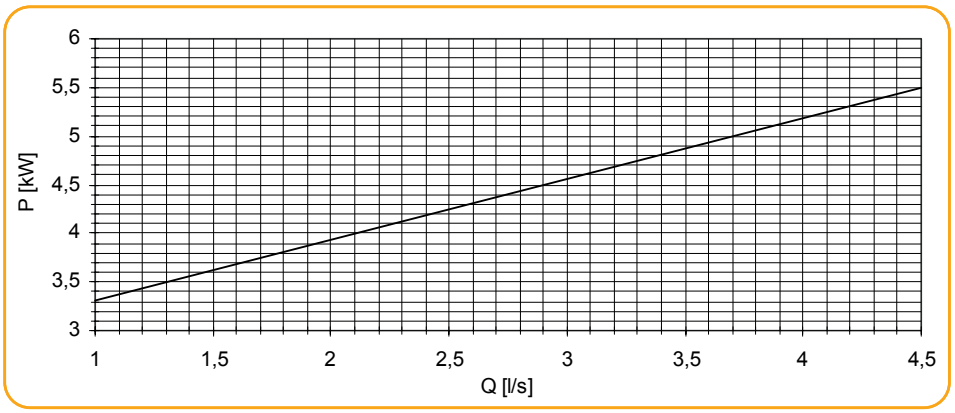
## Pump performance curves

KCP 22-6
n =2900 (rpm)

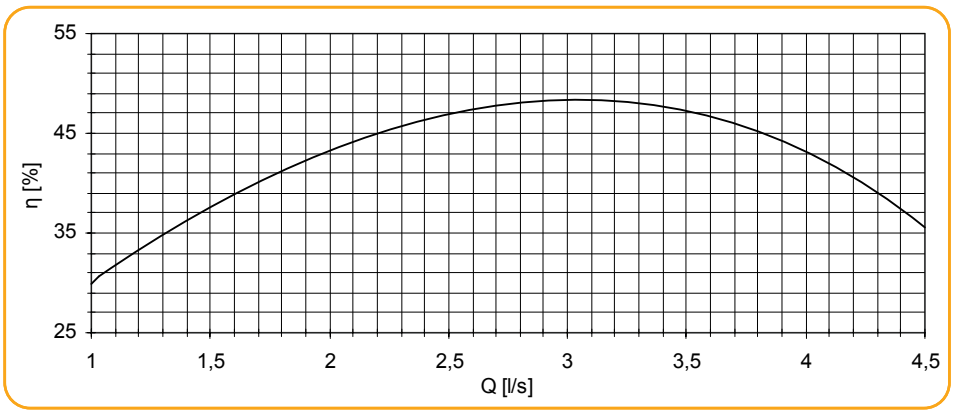
Total Differential Head



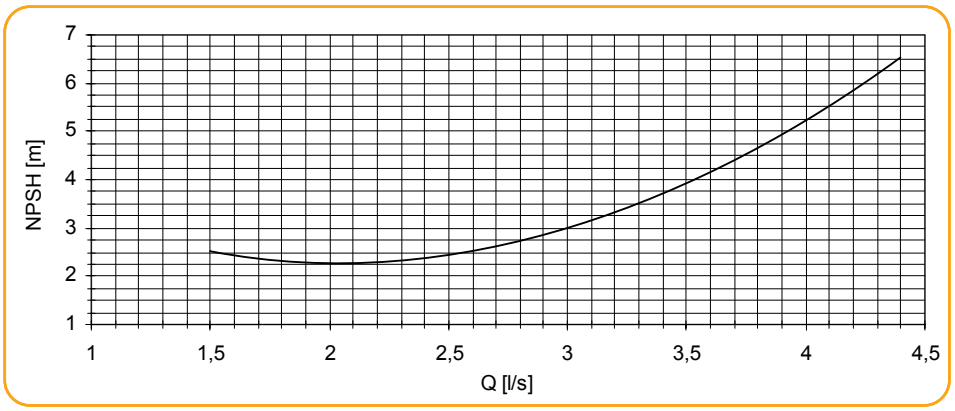

Power Input




Efficiency




Net Positive Suction Head



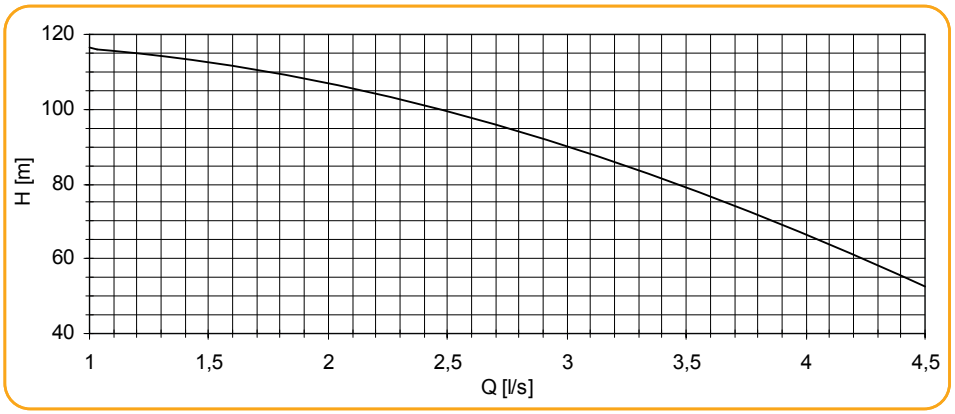



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

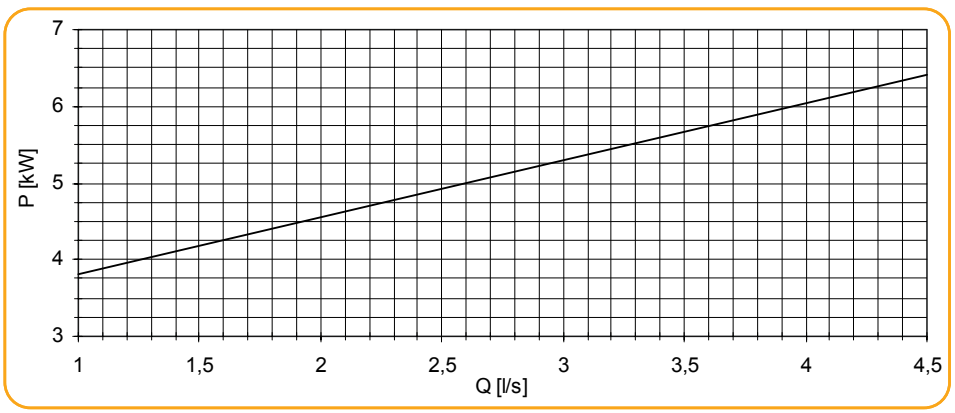
## Pump performance curves

KCP 22-7
n =2900 (rpm)

Total Differential Head




Power Input

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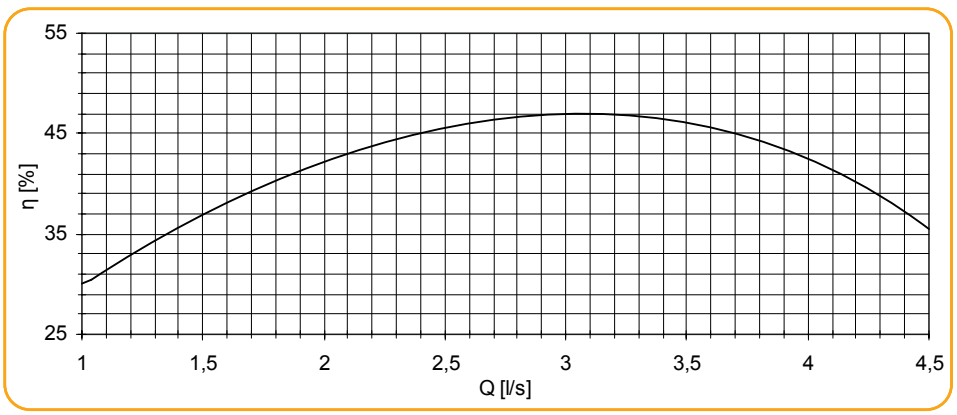
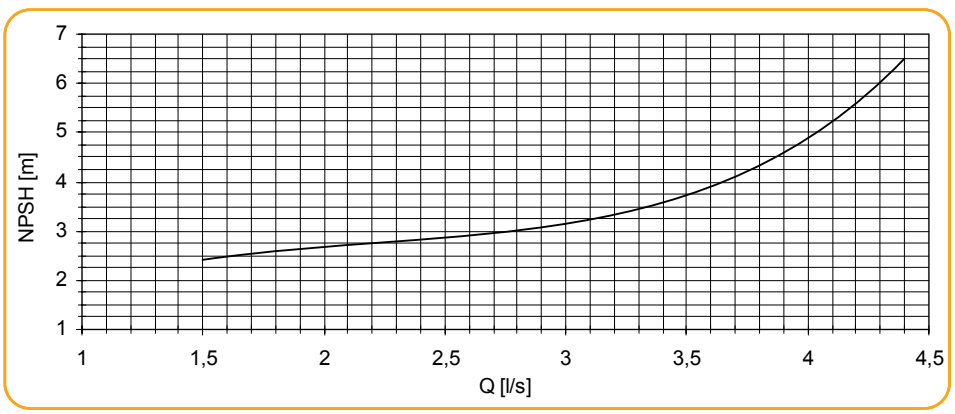



Net Positive Suction Head

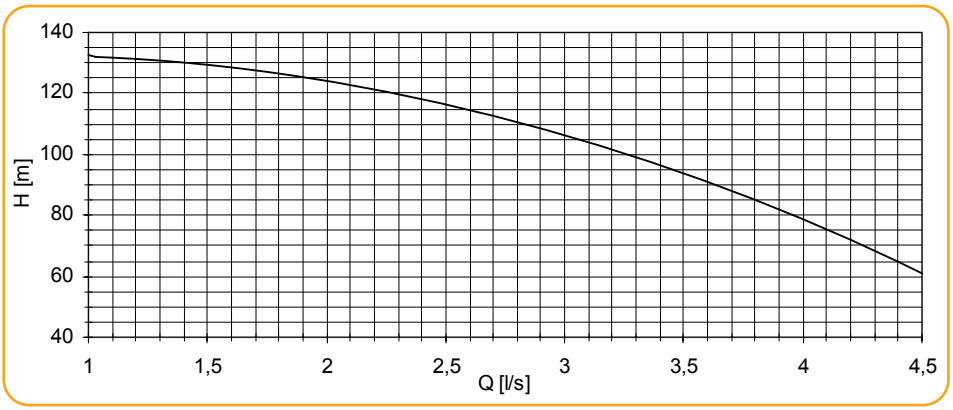



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

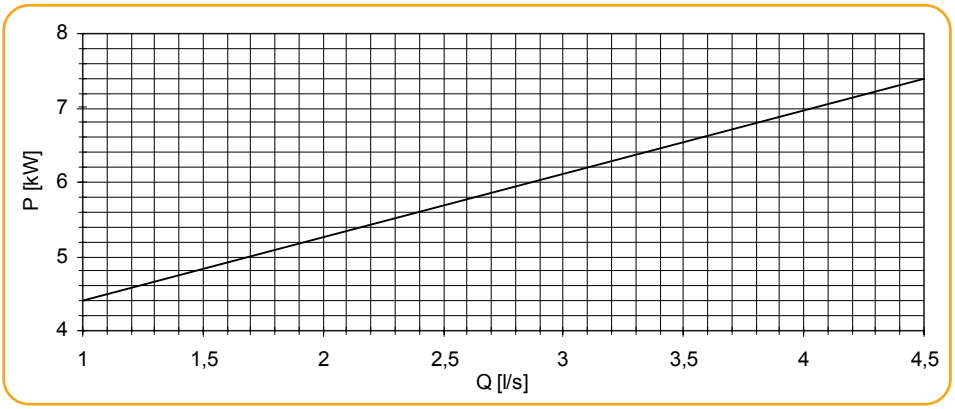
## Pump performance curves

KCP 22-8
n =2900 (rpm)

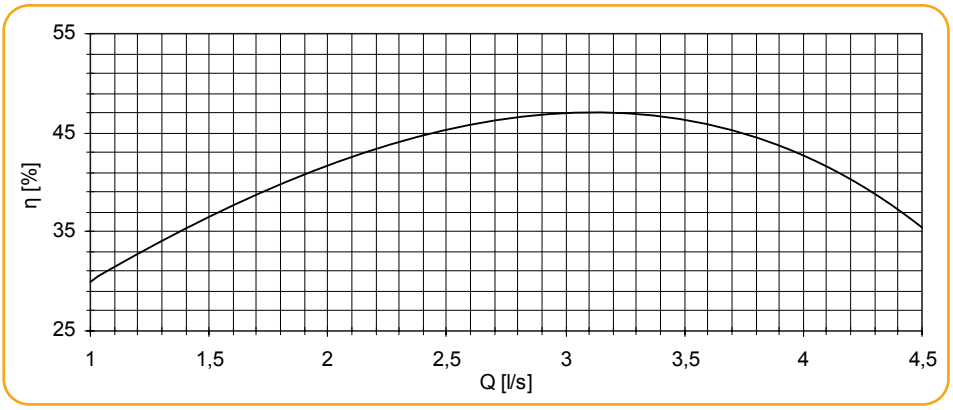
Total Differential Head



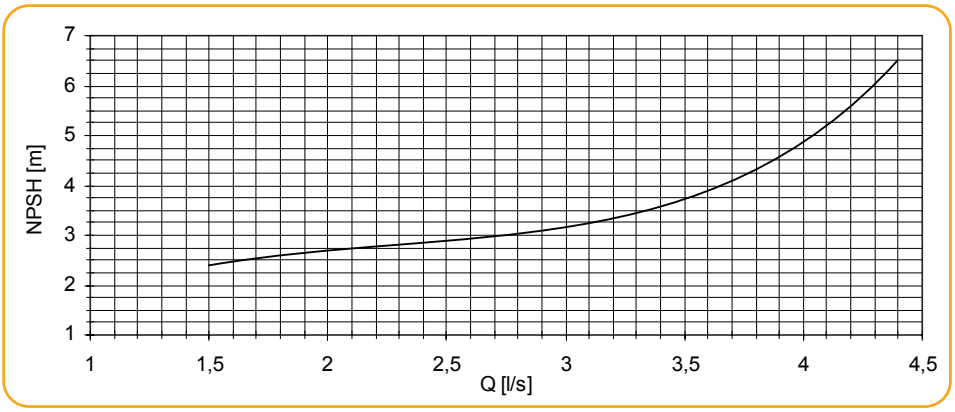

Power Input




Efficiency




Net Positive Suction Head



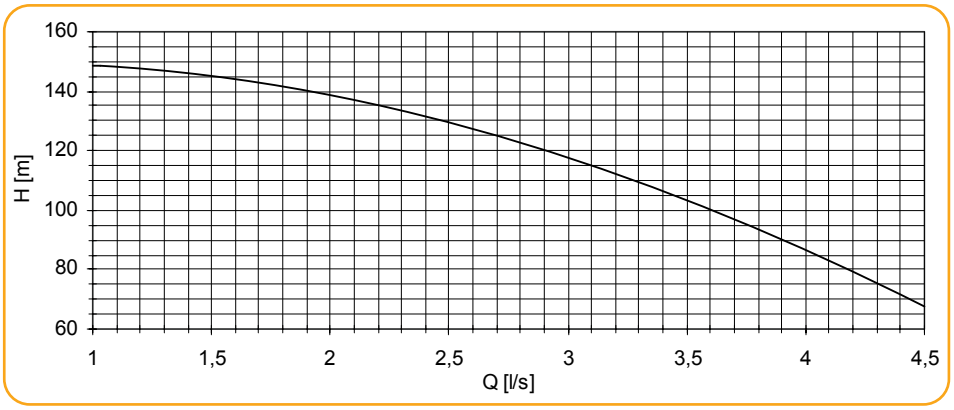



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

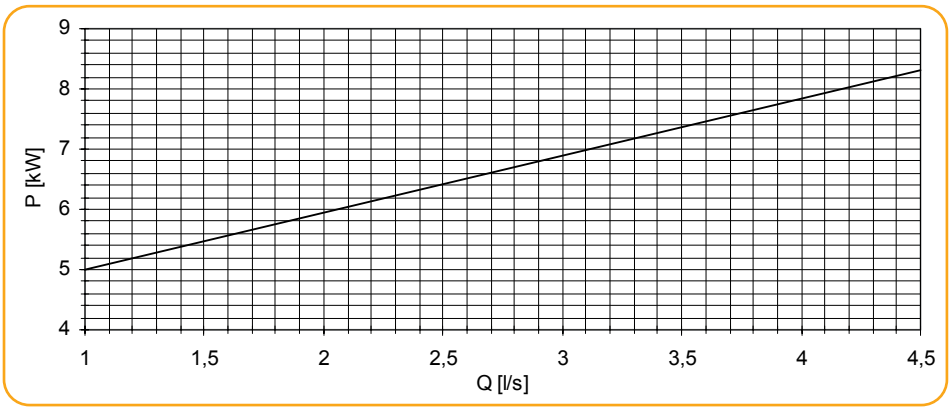
## Pump performance curves

KCP 22-9
n =2900 (rpm)

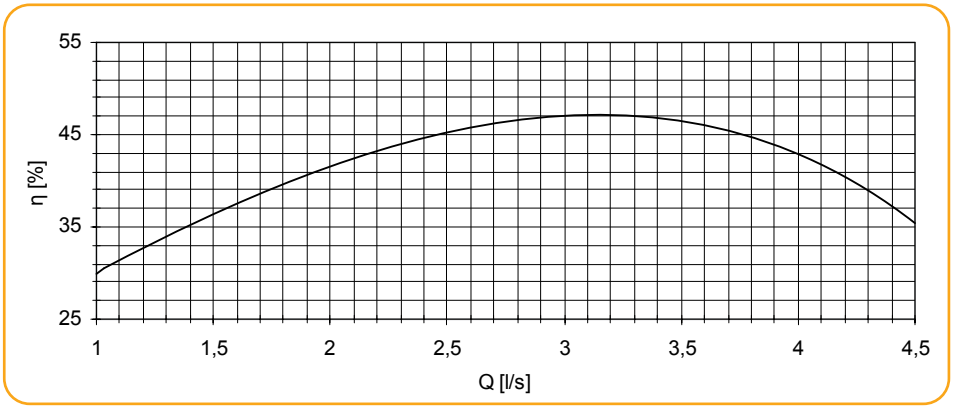
Total Differential Head



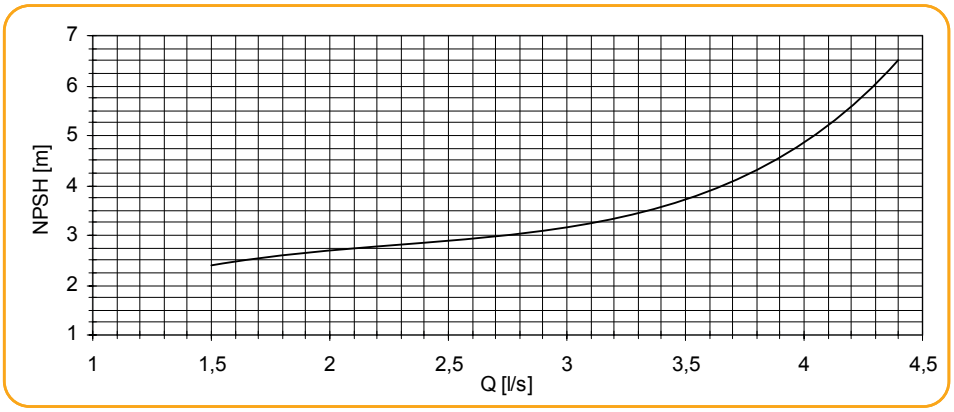

Power Input




Efficiency




Net Positive Suction Head

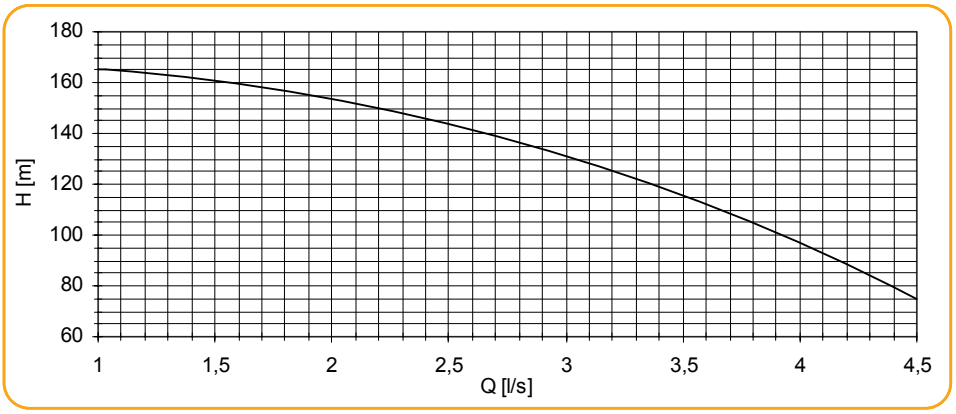



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

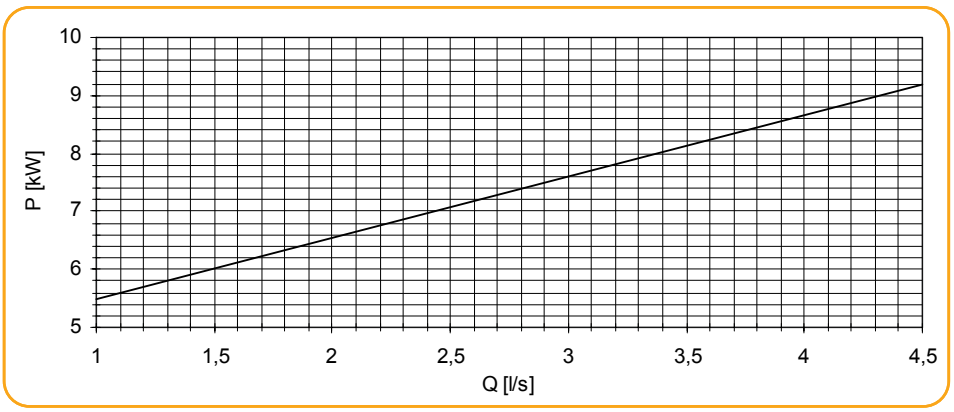
## Pump performance curves

KCP 22-10
n =2900 (rpm)

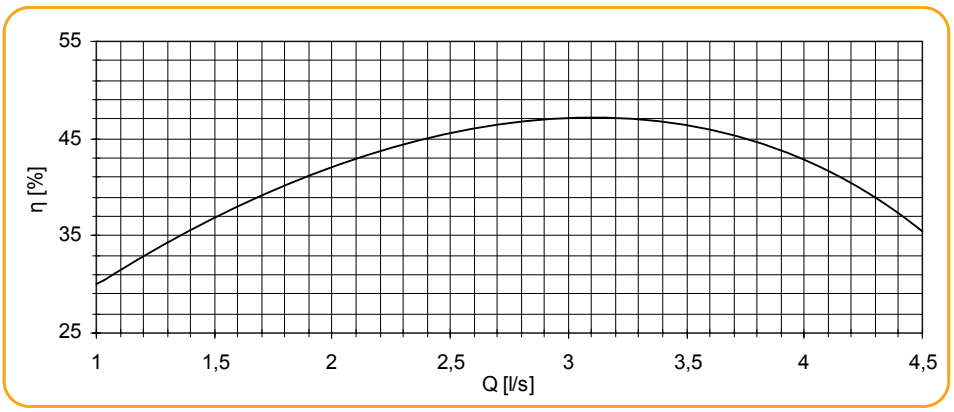
Total Differential Head



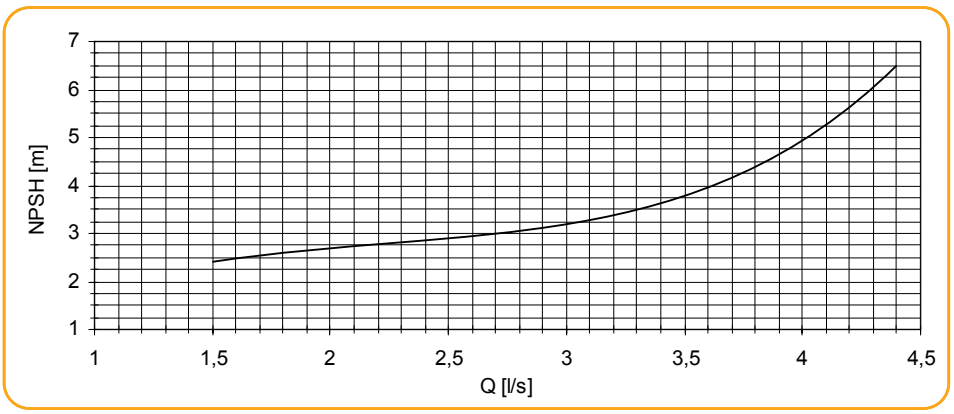

Power Input




Efficiency




Net Positive Suction Head



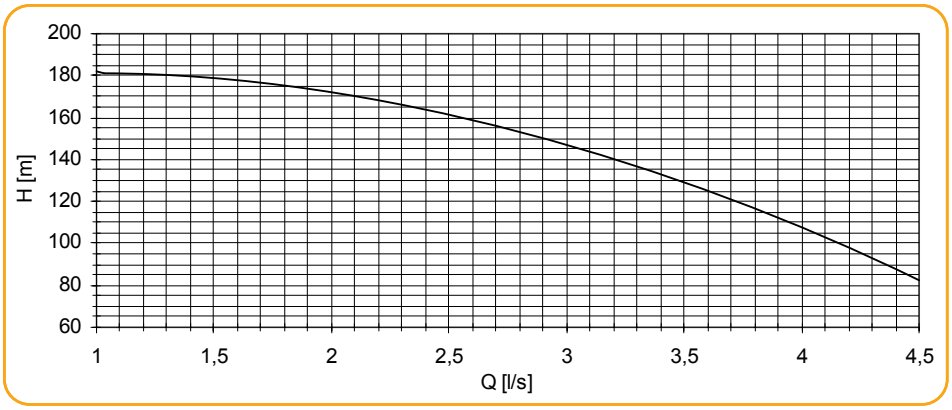



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

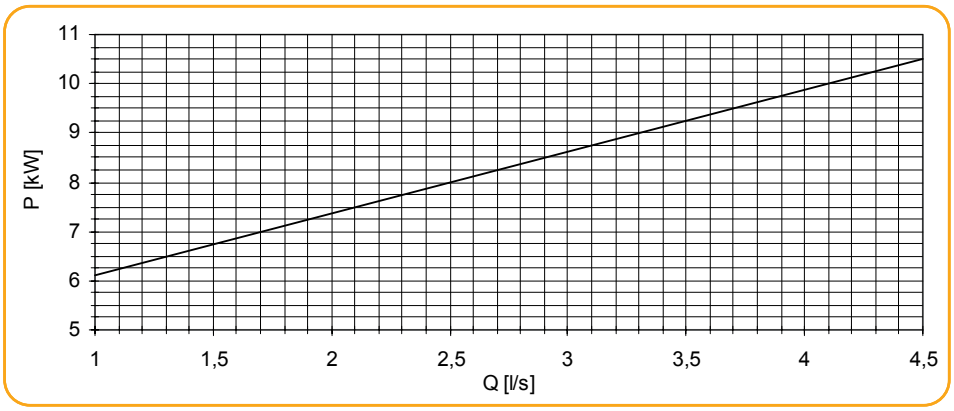
## Pump performance curves

KCP 22-11
n =2900 (rpm)

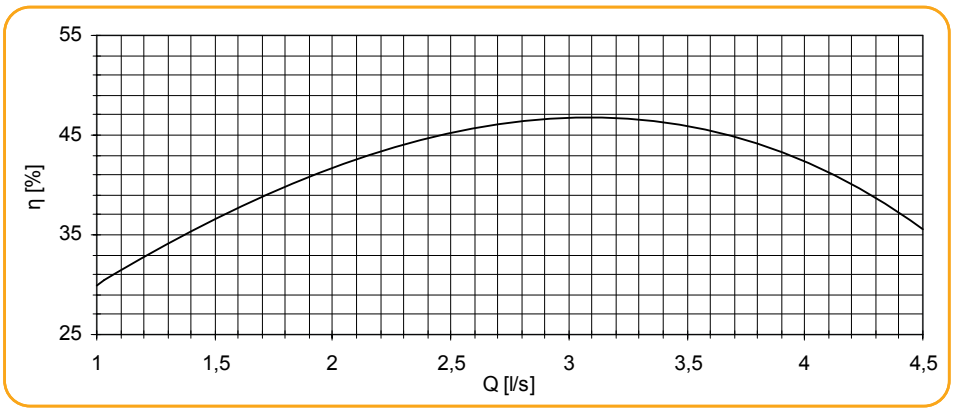
Total Differential Head



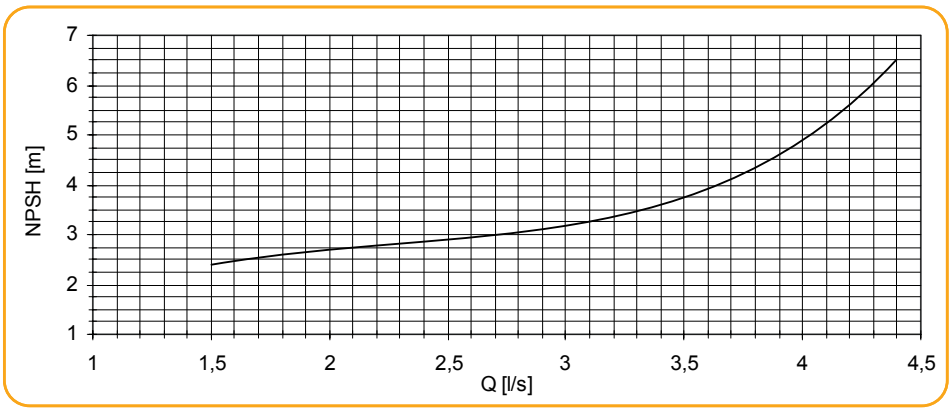

Power Input




Efficiency




Net Positive Suction Head

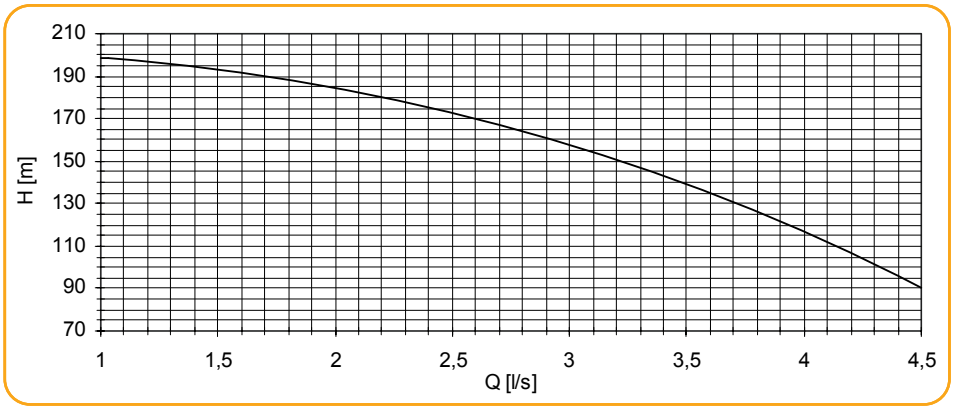



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

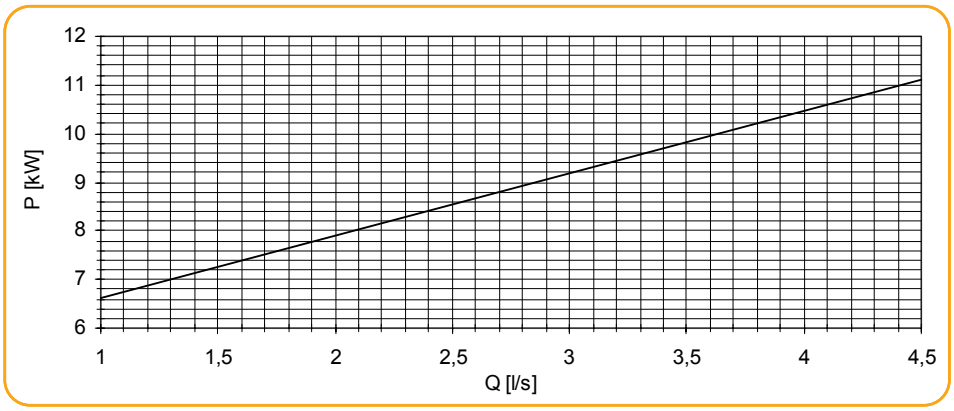
## Pump performance curves

KCP 22-12
n =2900 (rpm)

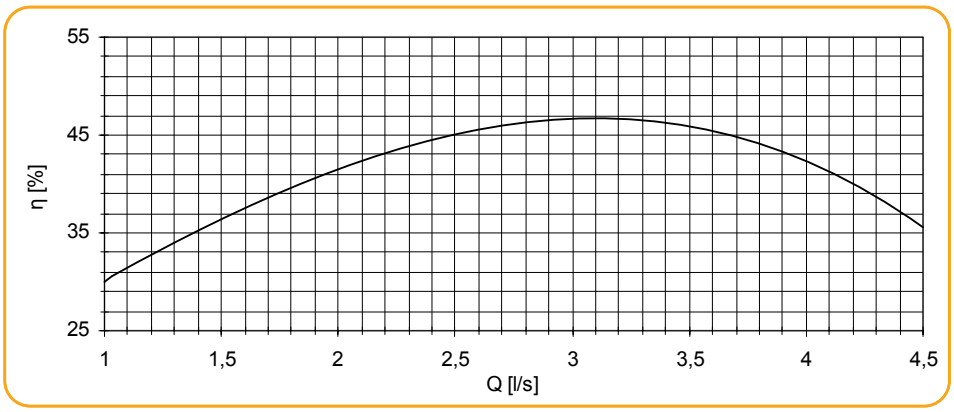
Total Differential Head



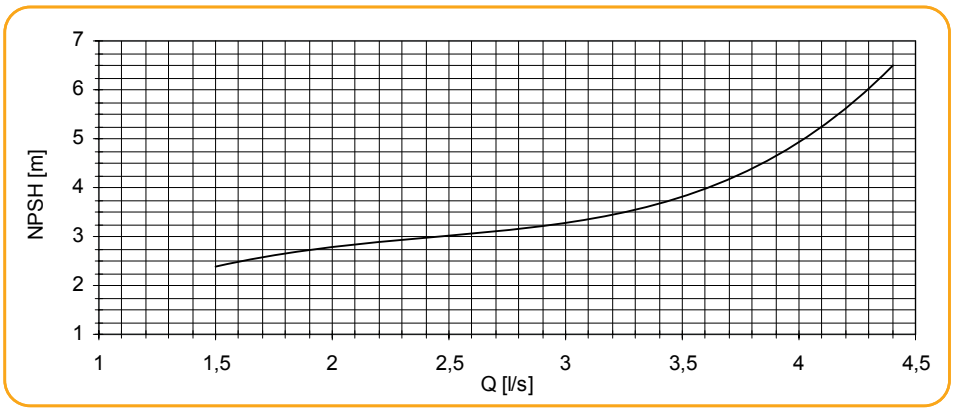

Power Input




Efficiency




Net Positive Suction Head



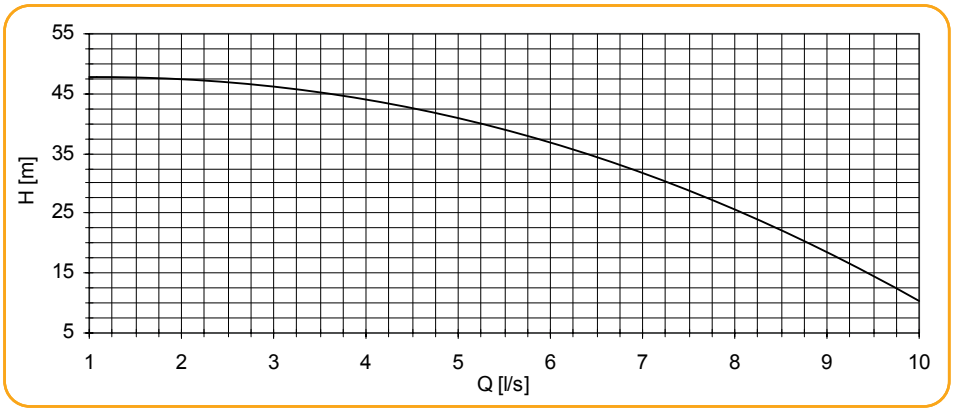



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

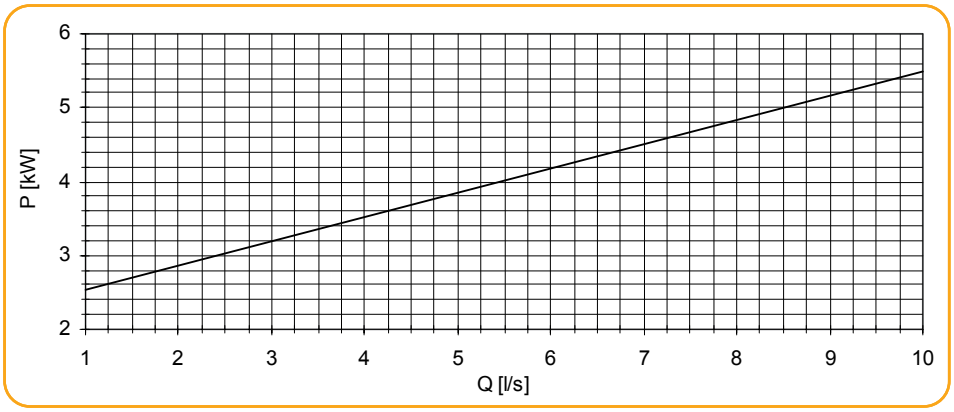
## Pump performance curves

KCP 32-2
n =2900 (rpm)

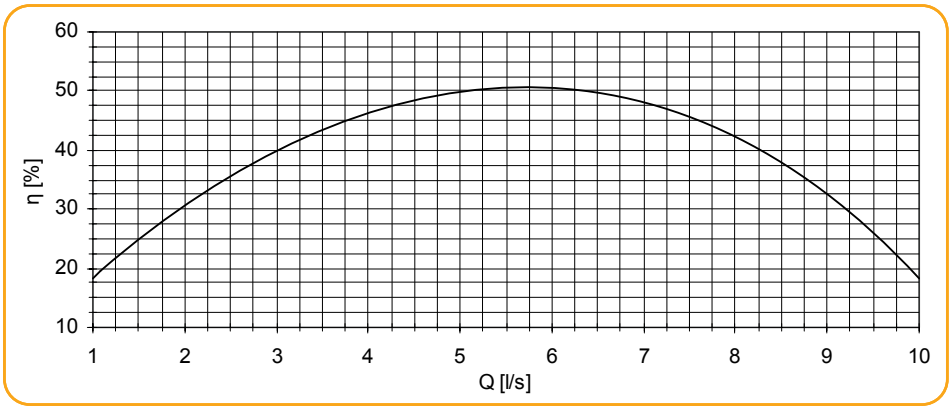
Total Differential Head



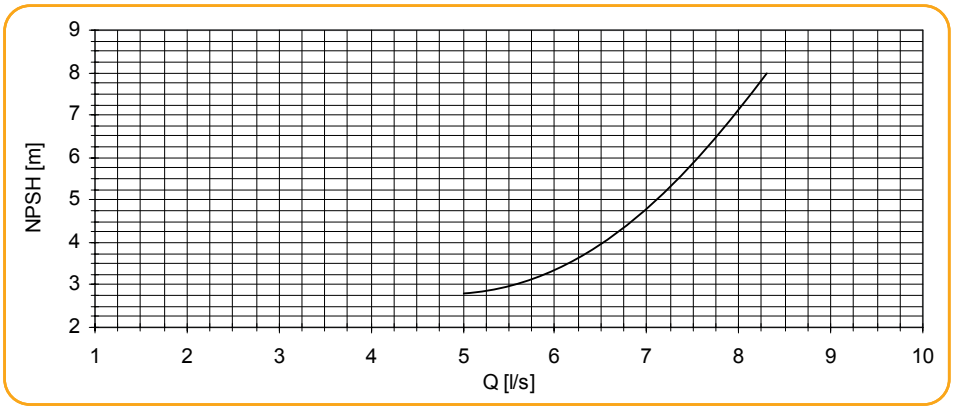

Power Input




Efficiency




Net Positive Suction Head

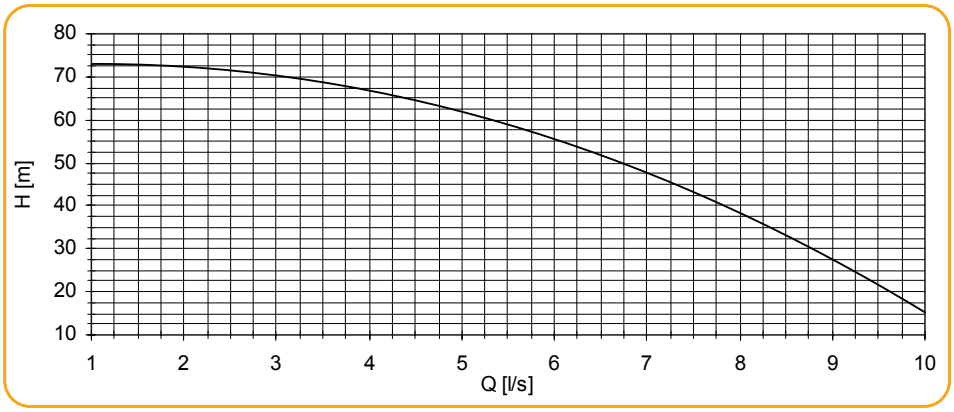



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

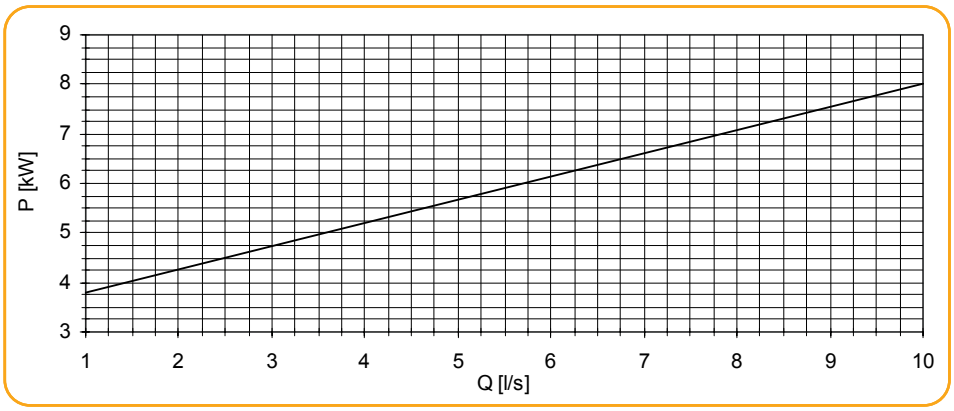
## Pump performance curves

KCP 32-3
n =2900 (rpm)

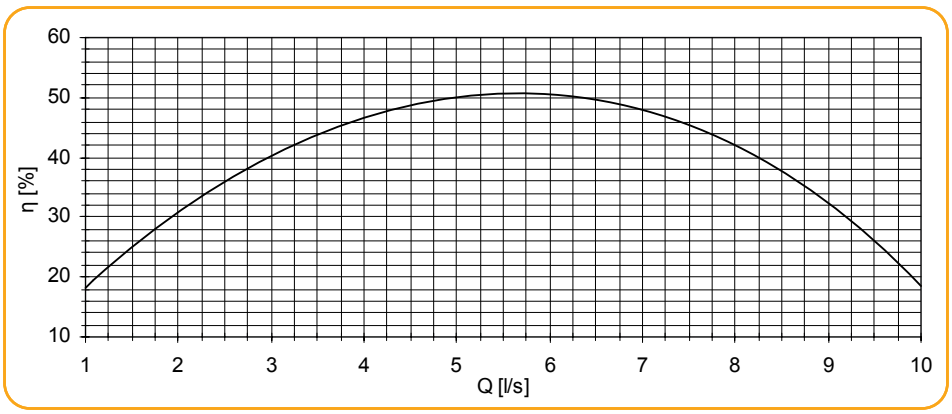
Total Differential Head



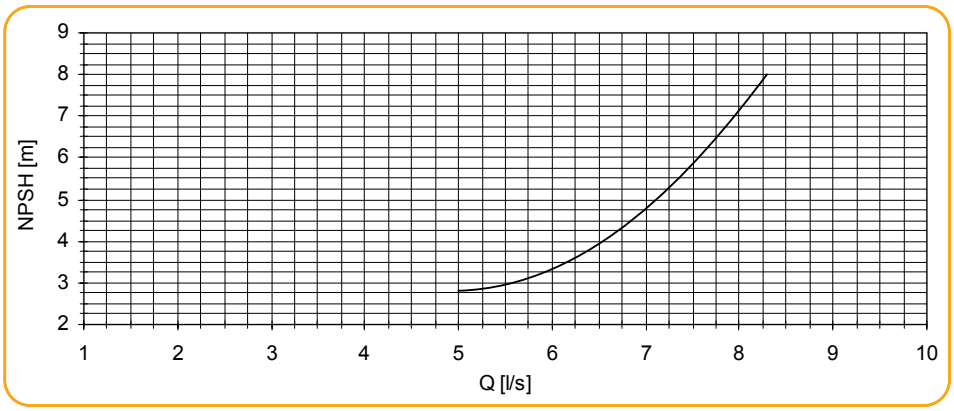

Power Input




Efficiency




Net Positive Suction Head



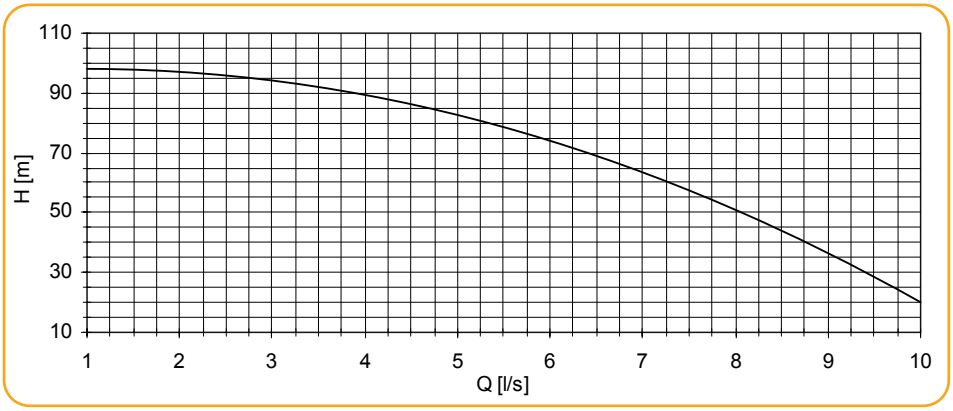



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

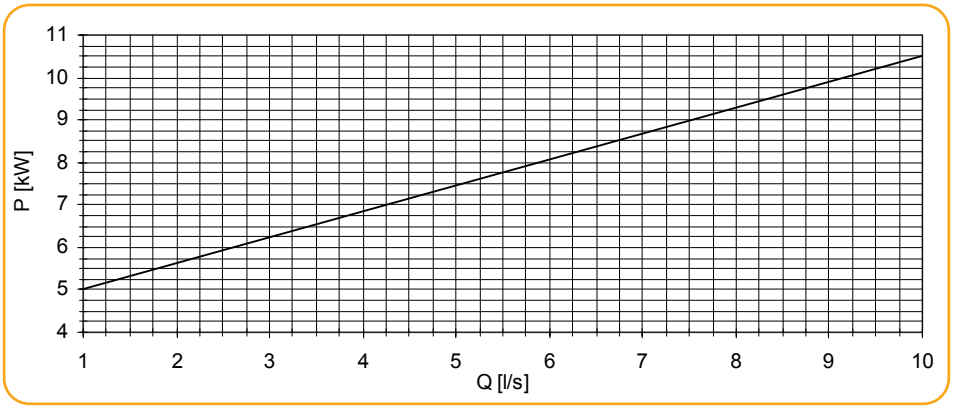
## Pump performance curves

KCP 32-4
n =2900 (rpm)

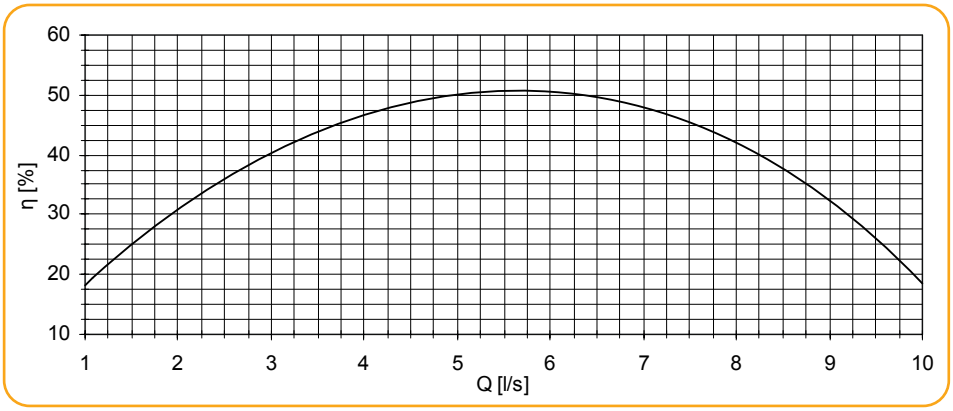
Total Differential Head



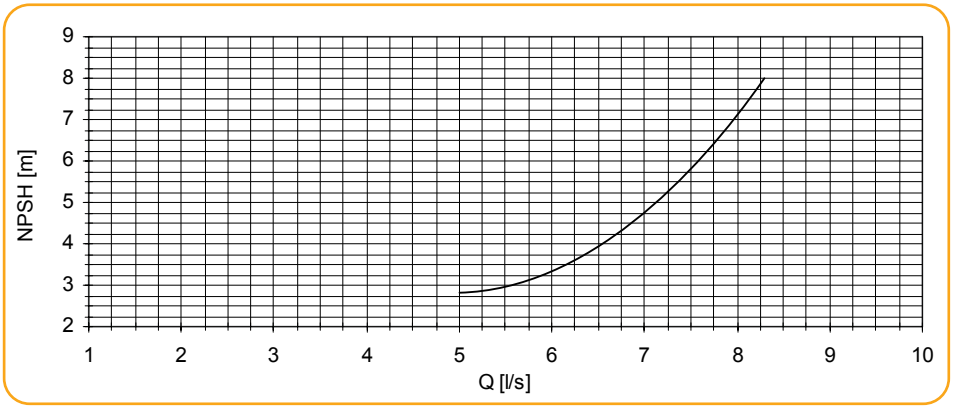

Power Input




Efficiency




Net Positive Suction Head

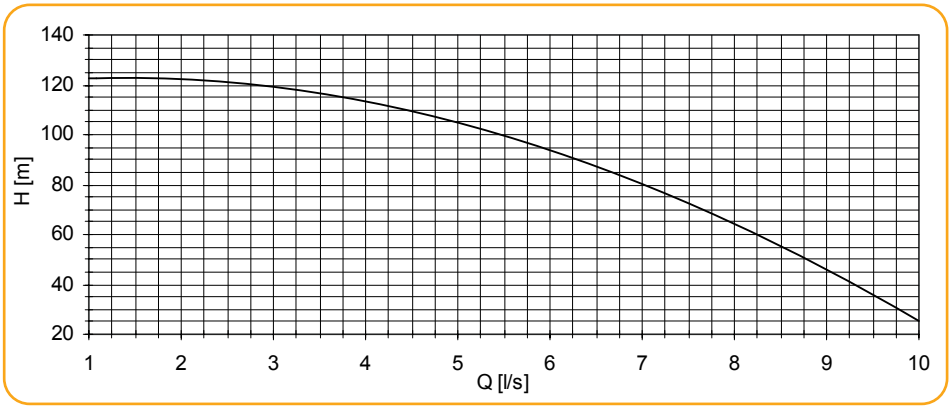



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

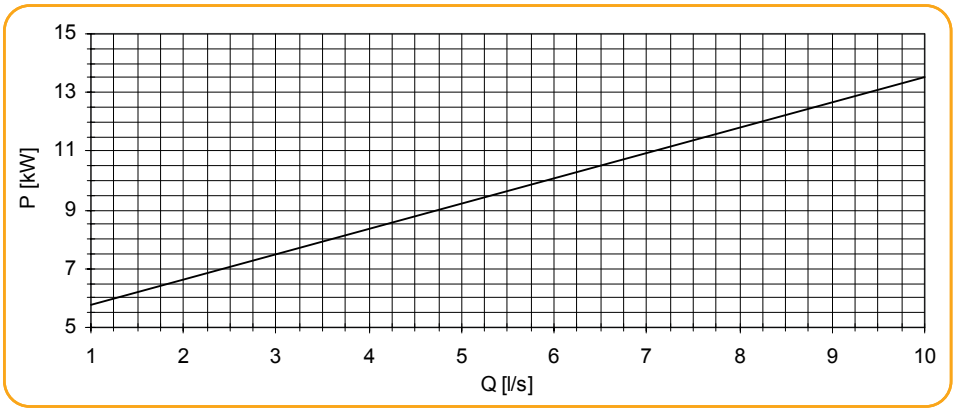
## Pump performance curves

KCP 32-5
n =2900 (rpm)

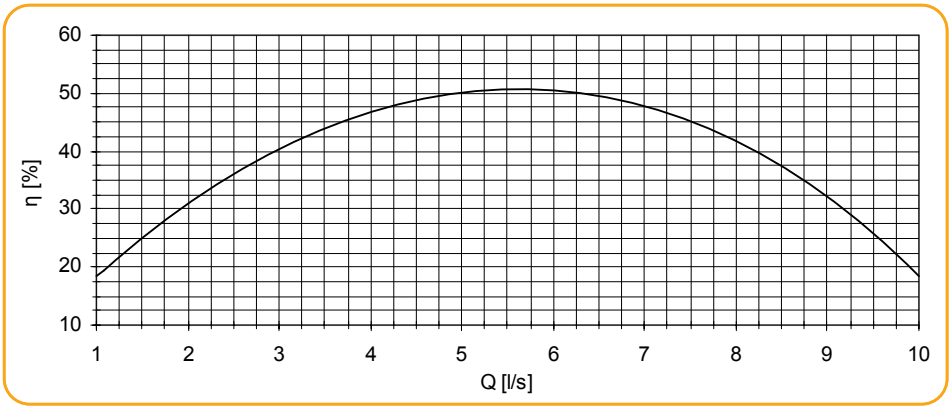
Total Differential Head



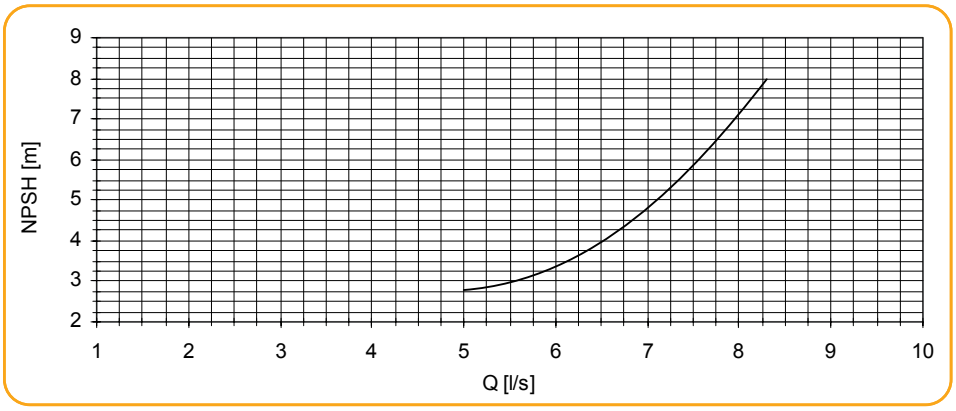

Power Input




Efficiency




Net Positive Suction Head



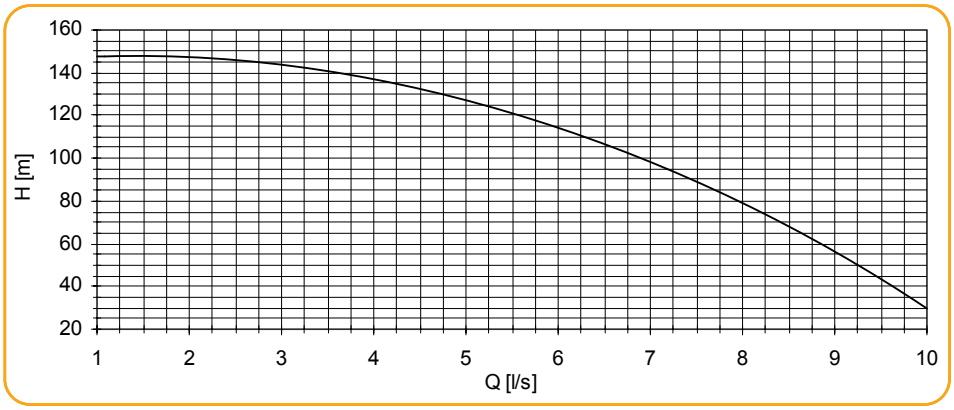



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

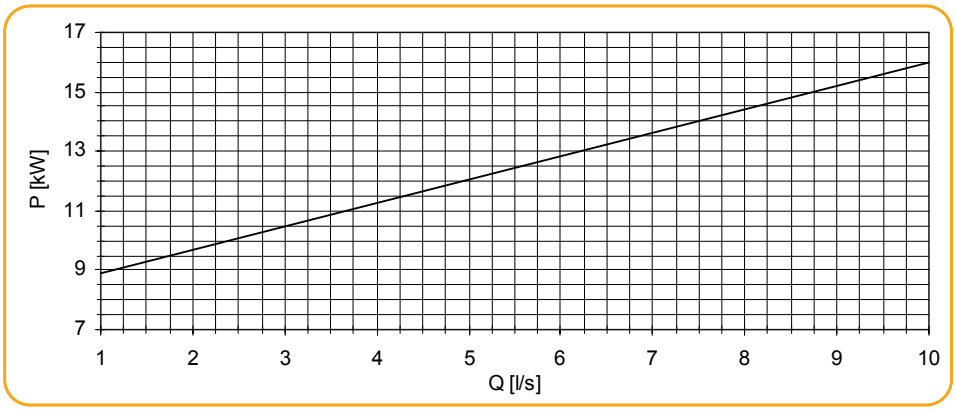
## Pump performance curves

KCP 32-6
n =2900 (rpm)

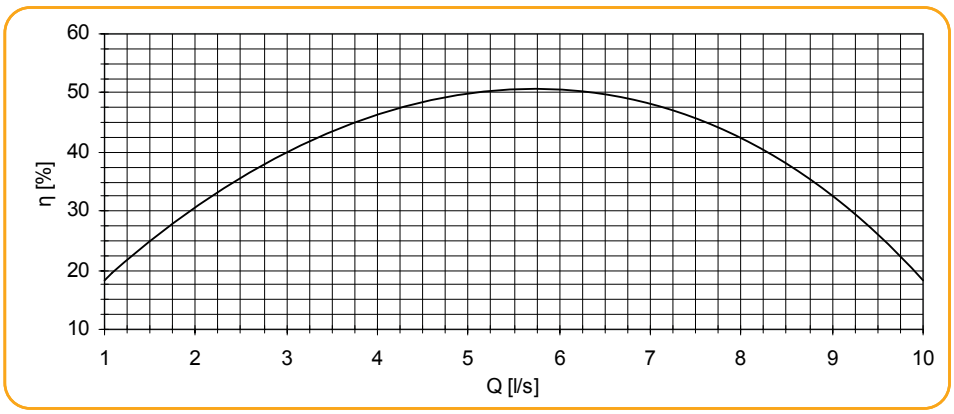
Total Differential Head



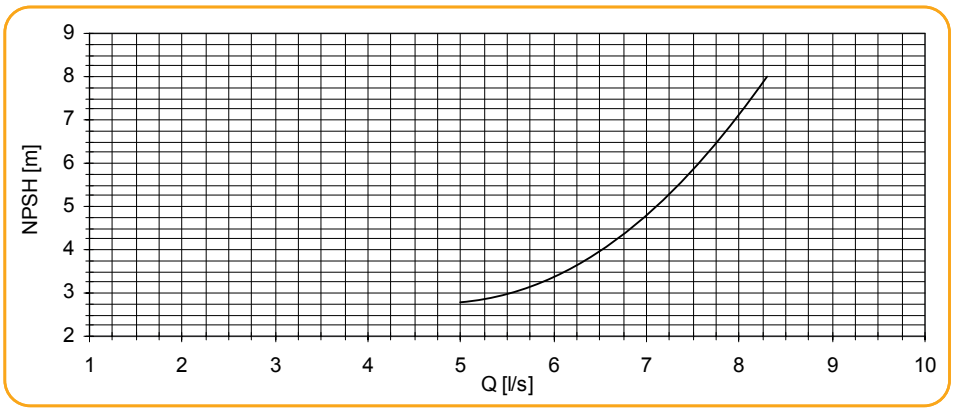

Power Input




Efficiency




Net Positive Suction Head

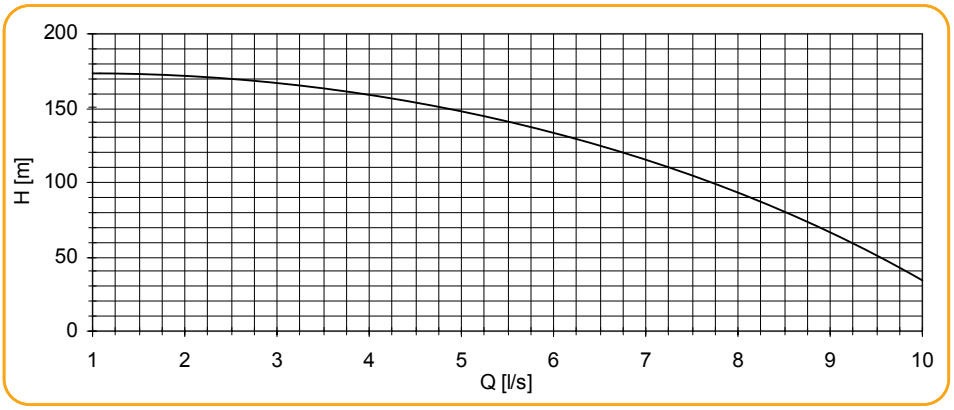



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

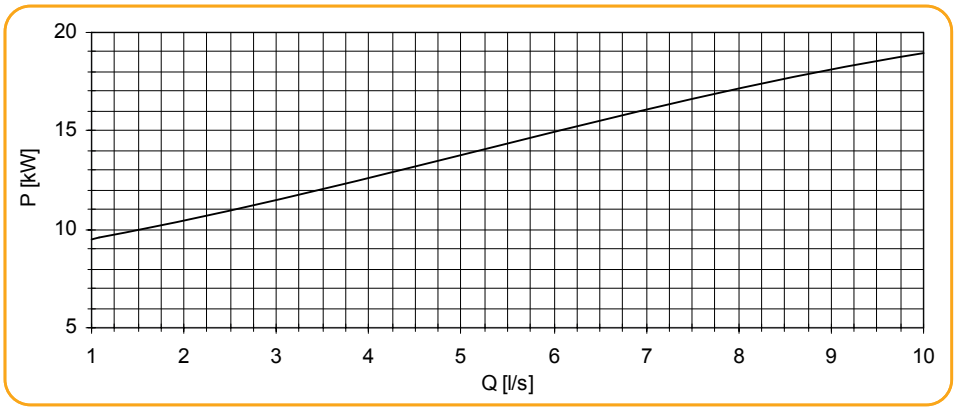
## Pump performance curves

KCP 32-7
n =2900 (rpm)

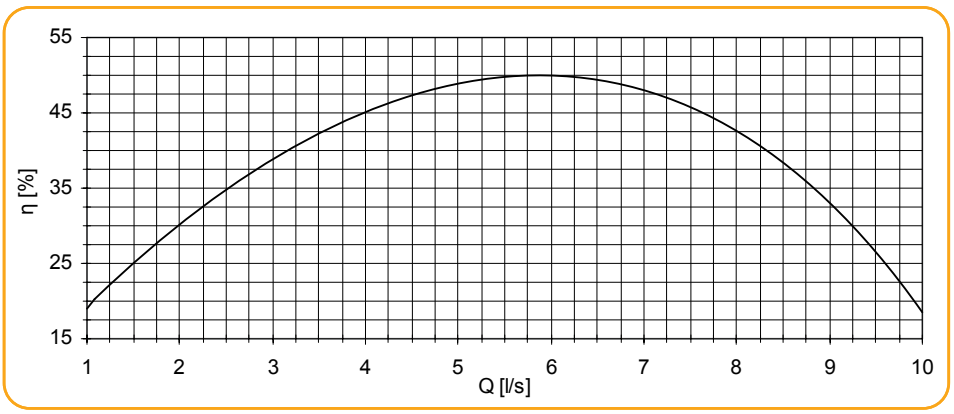
Total Differential Head



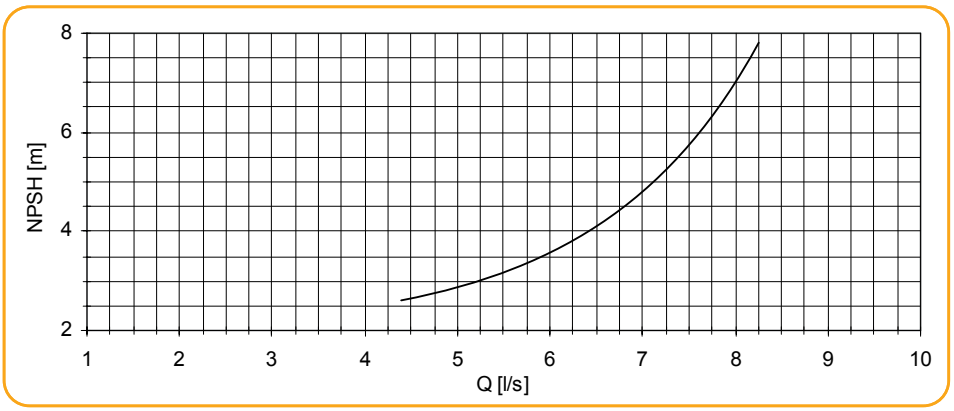

Power Input




Efficiency




Net Positive Suction Head



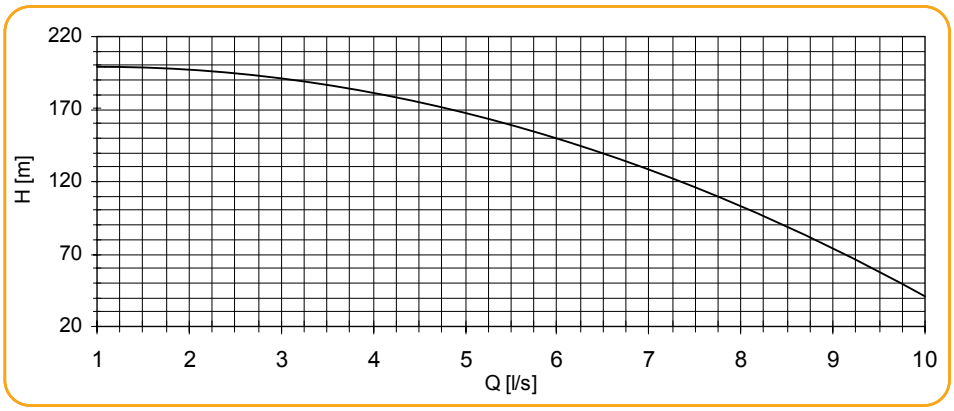



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

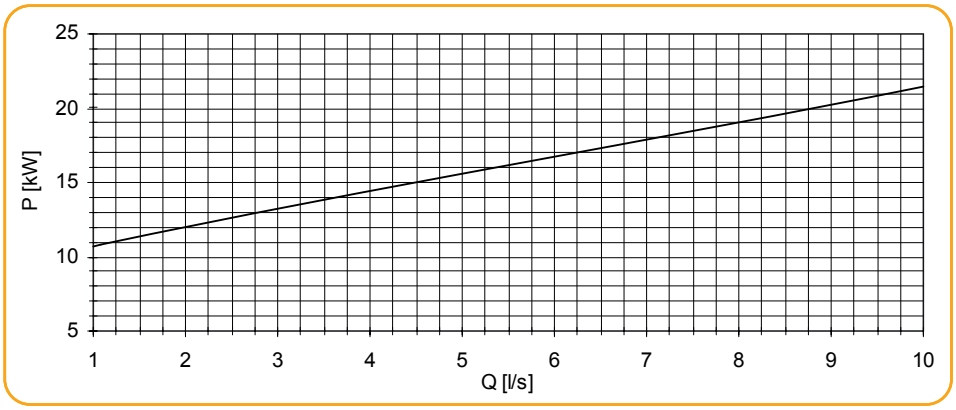
## Pump performance curves

KCP 32-8
n =2900 (rpm)

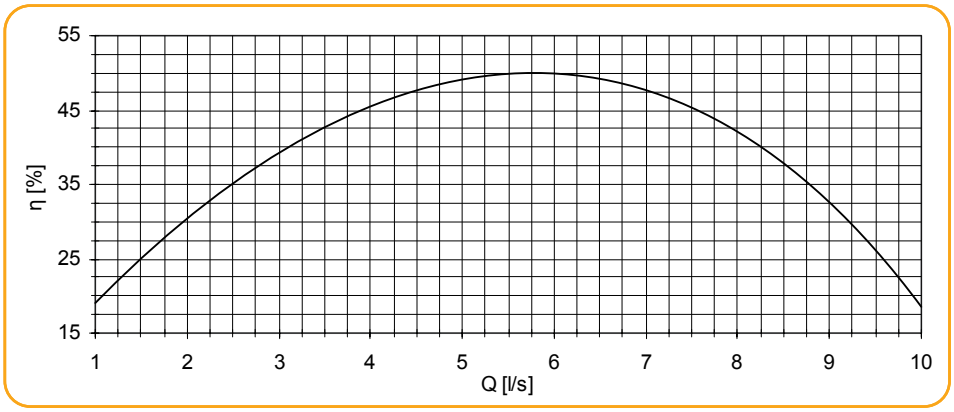
Total Differential Head



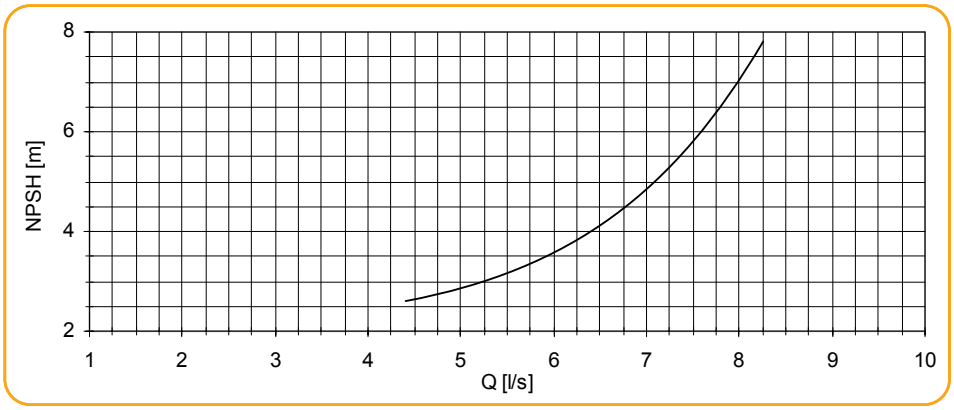

Power Input




Efficiency




Net Positive Suction Head

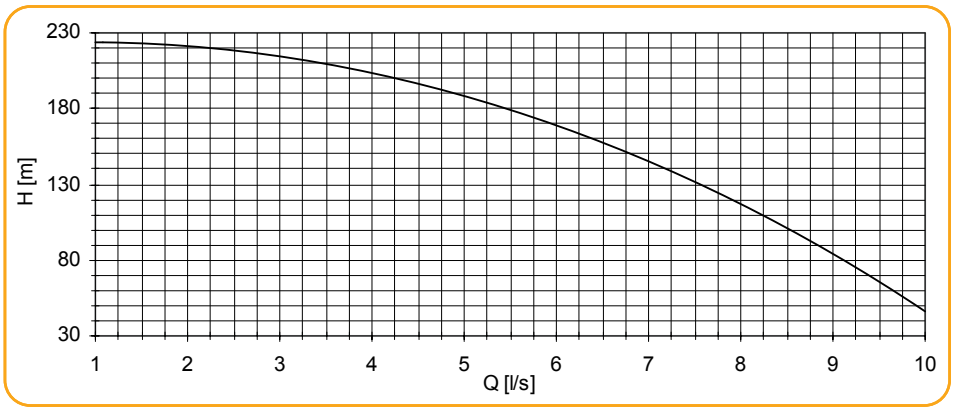



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

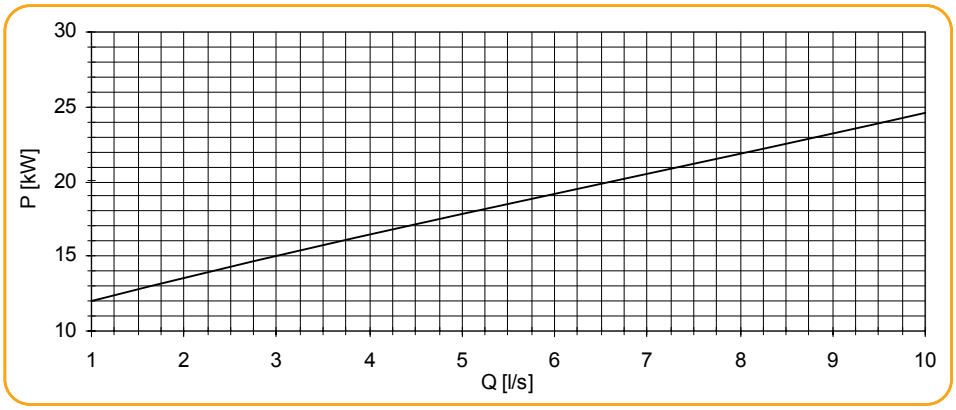
## Pump performance curves

KCP 32-9
n =2900 (rpm)

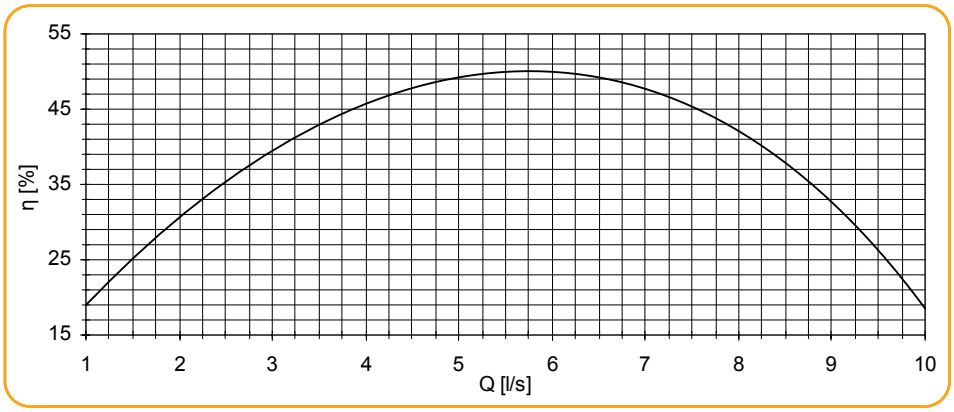
Total Differential Head



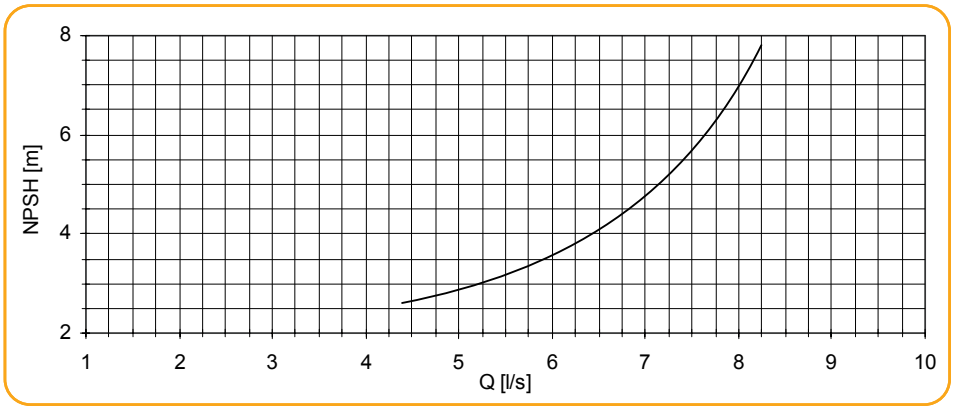

Power Input




Efficiency




Net Positive Suction Head



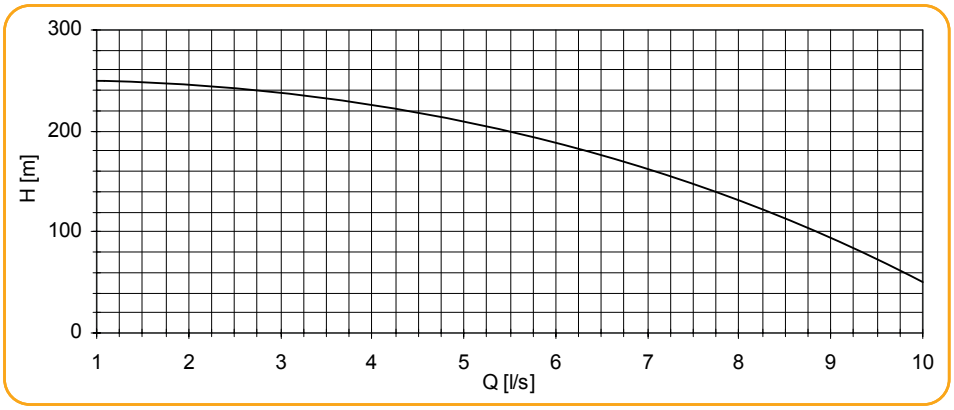



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

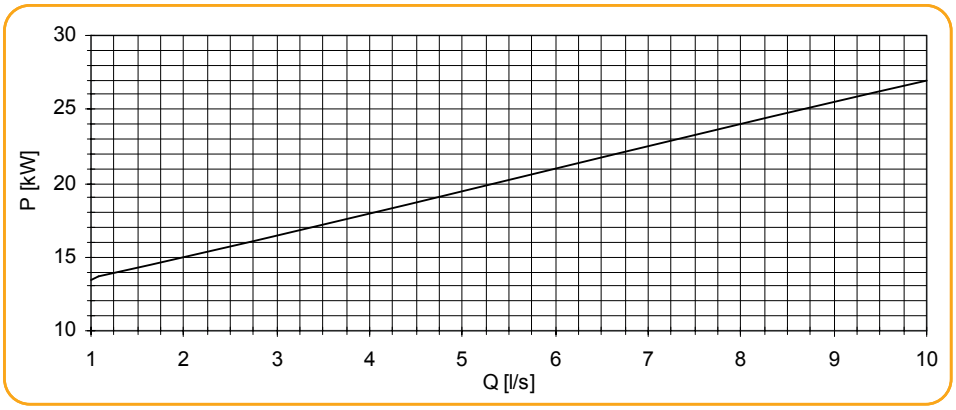
## Pump performance curves

KCP 32-10
n =2900 (rpm)

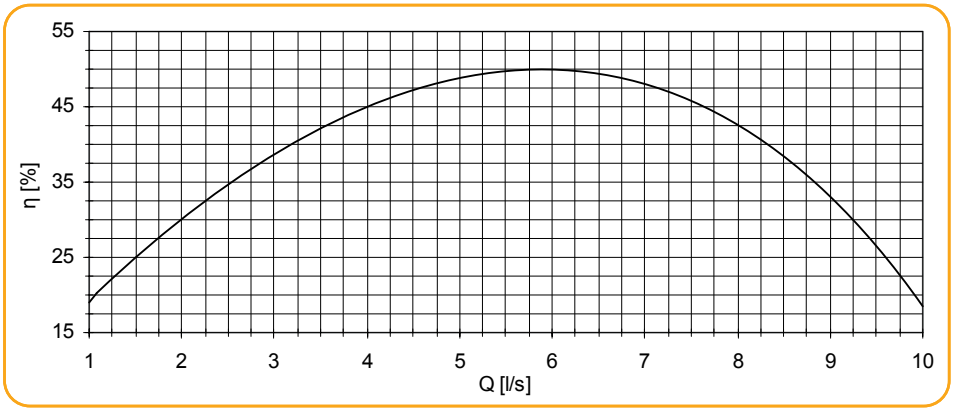
Total Differential Head



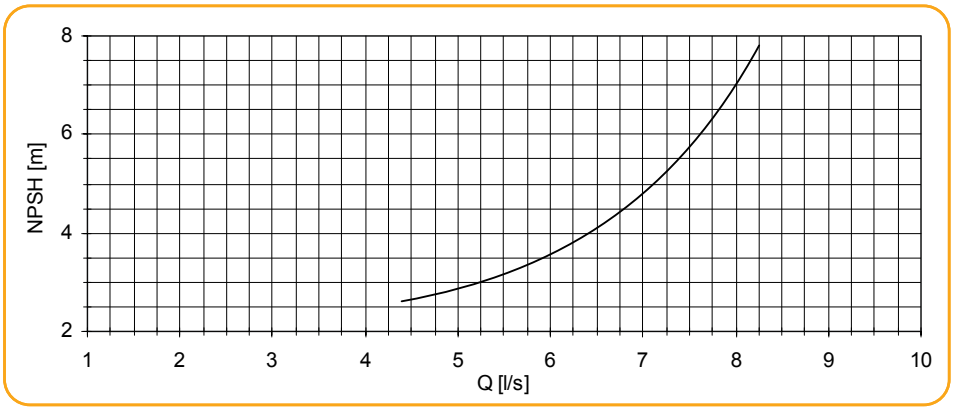

Power Input




Efficiency




Net Positive Suction Head

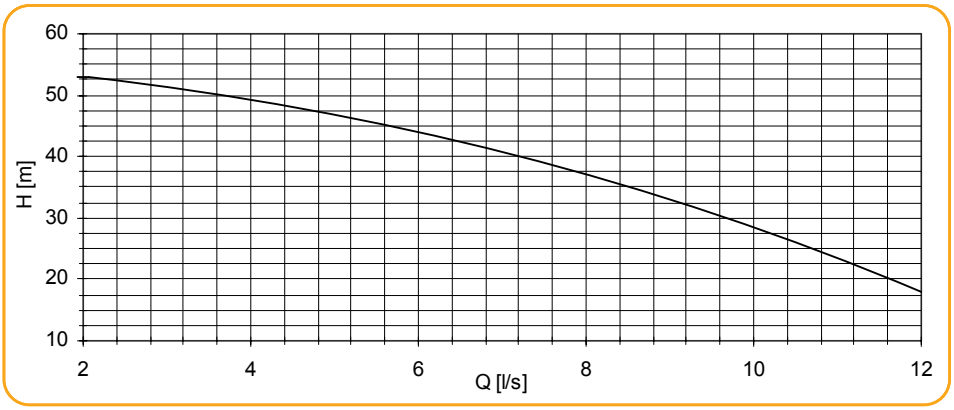



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

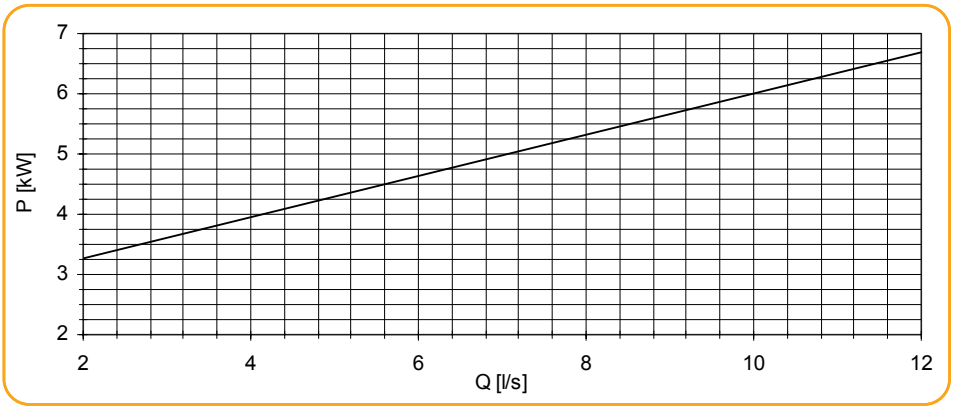
## Pump performance curves

KCP 42-2
n =2900 (rpm)

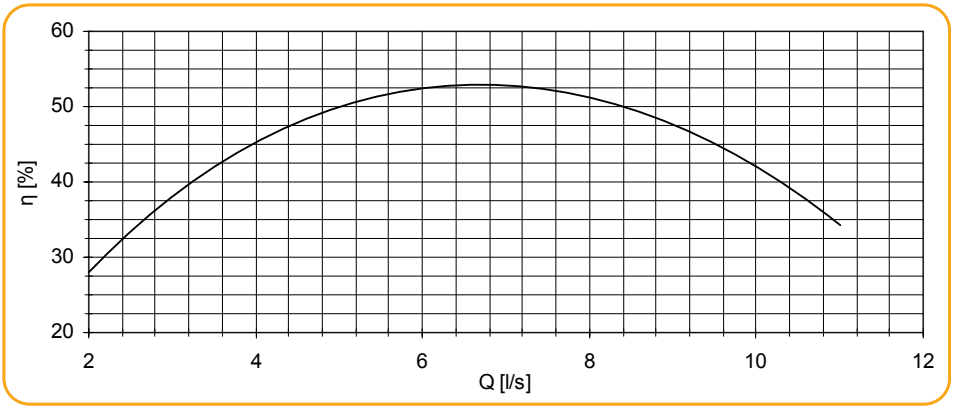
Total Differential Head



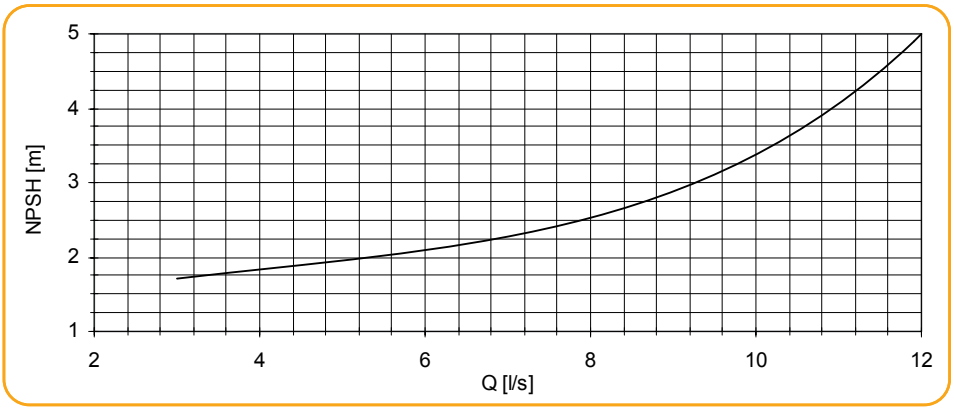

Power Input




Efficiency




Net Positive Suction Head



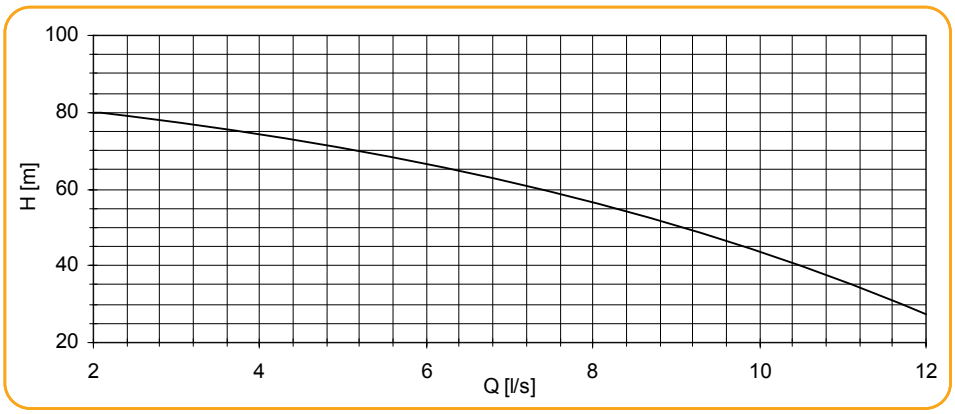



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

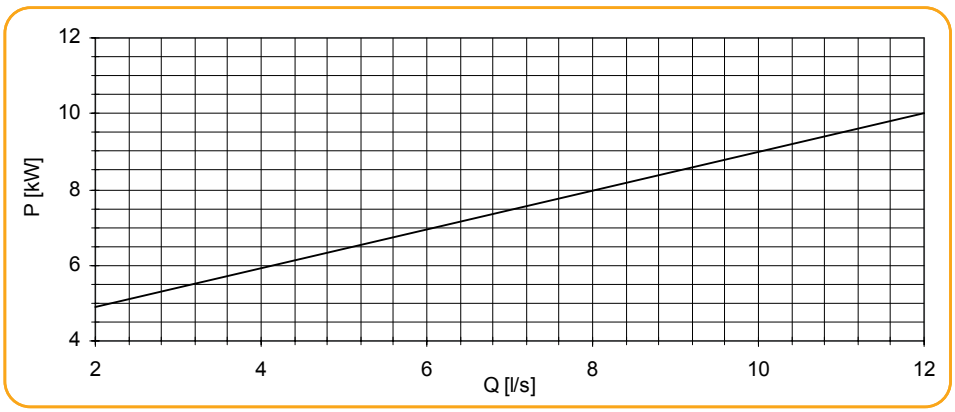
## Pump performance curves

KCP 42-3
n =2900 (rpm)

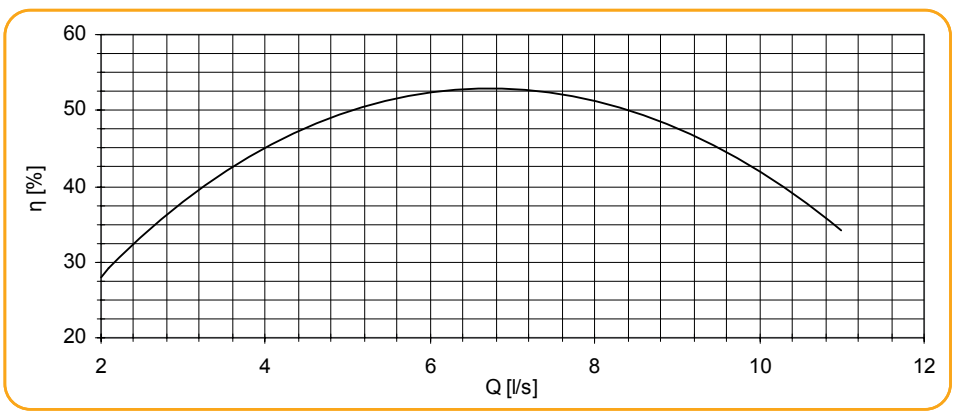
Total Differential Head



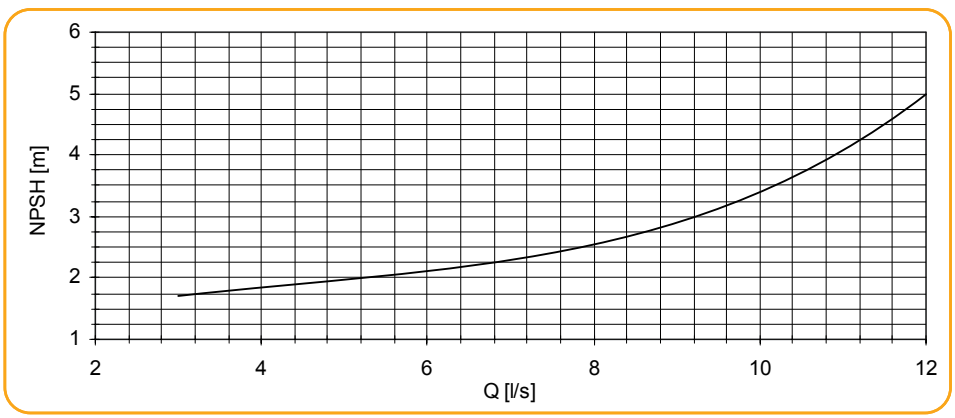

Power Input




Efficiency




Net Positive Suction Head

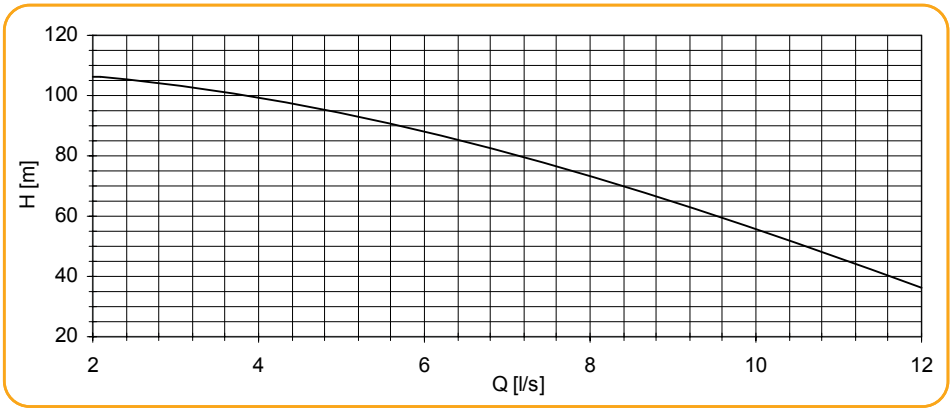



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

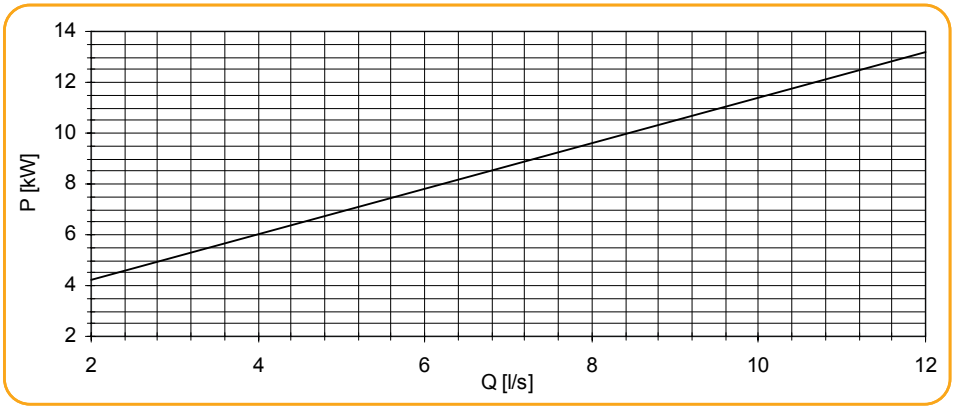
## Pump performance curves

KCP 42-4
n =2900 (rpm)

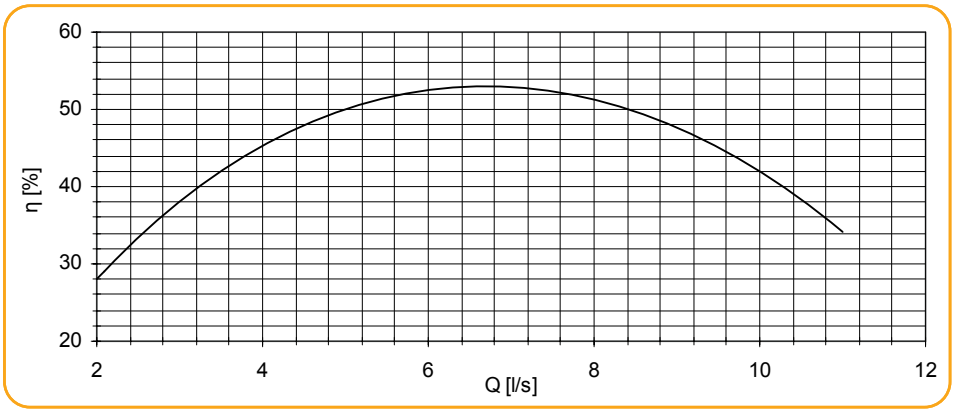
Total Differential Head



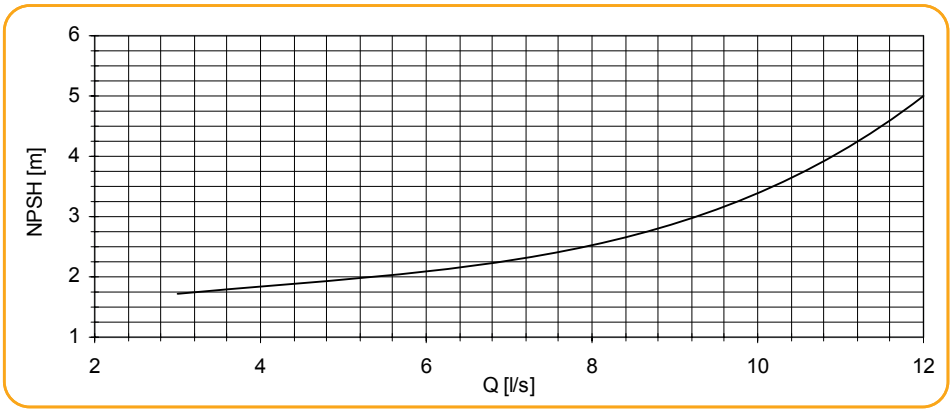

Power Input




Efficiency




Net Positive Suction Head



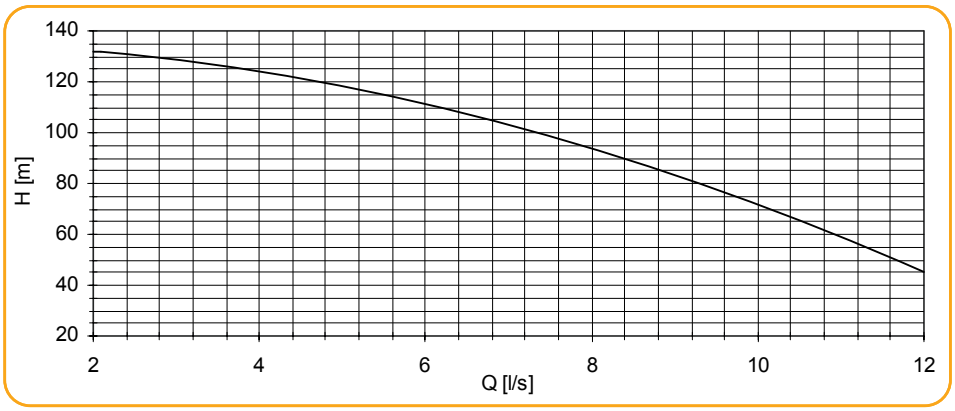



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

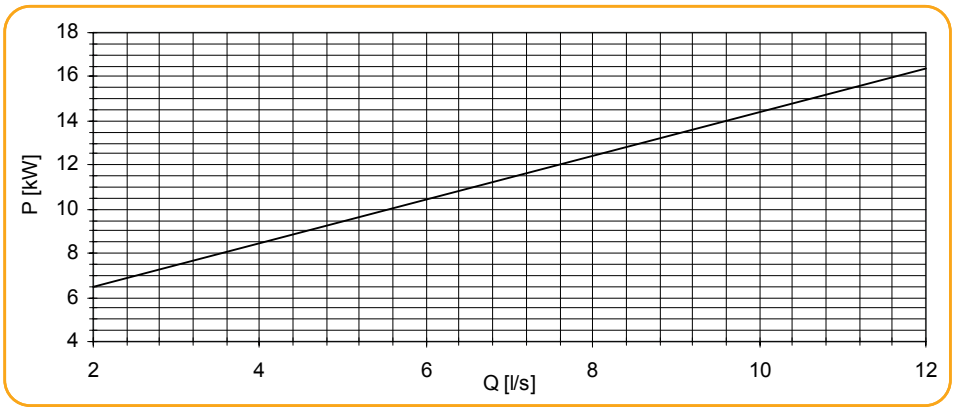
## Pump performance curves

KCP 42-5
n =2900 (rpm)

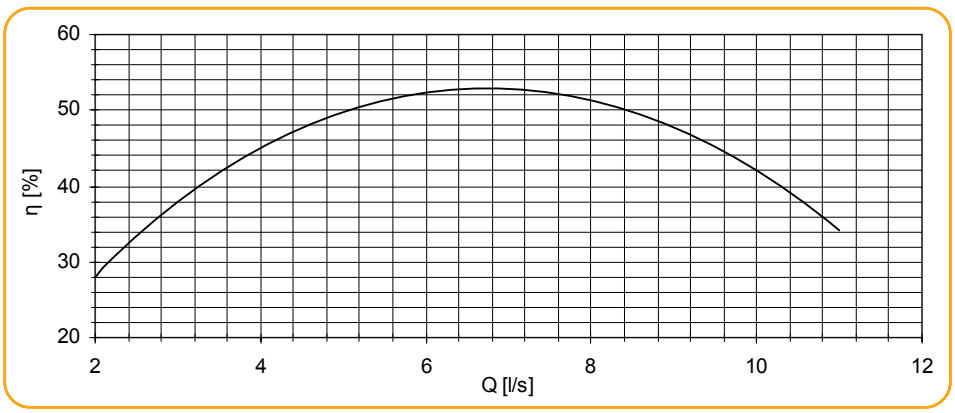
Total Differential Head



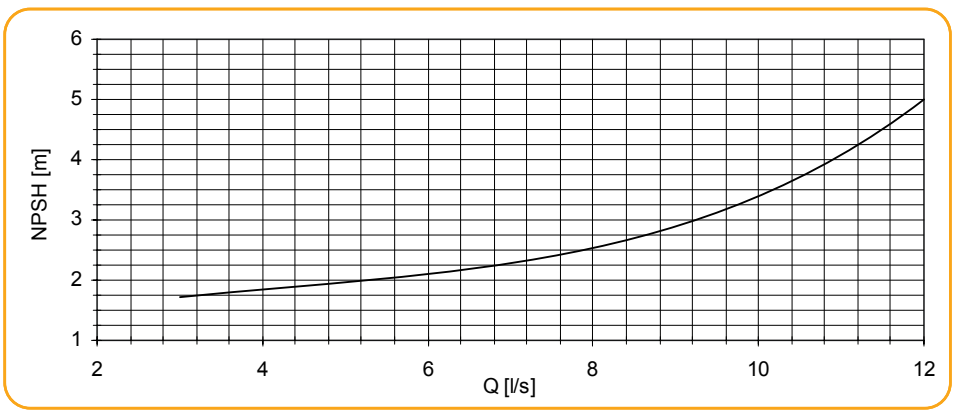

Power Input




Efficiency




Net Positive Suction Head

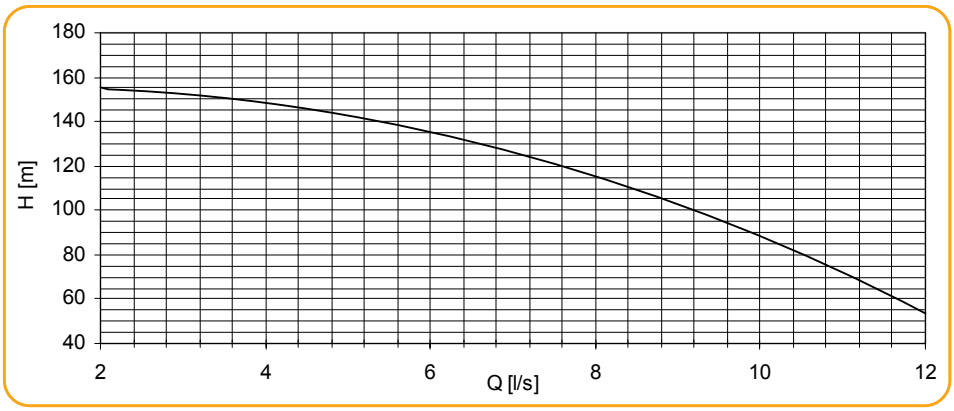



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

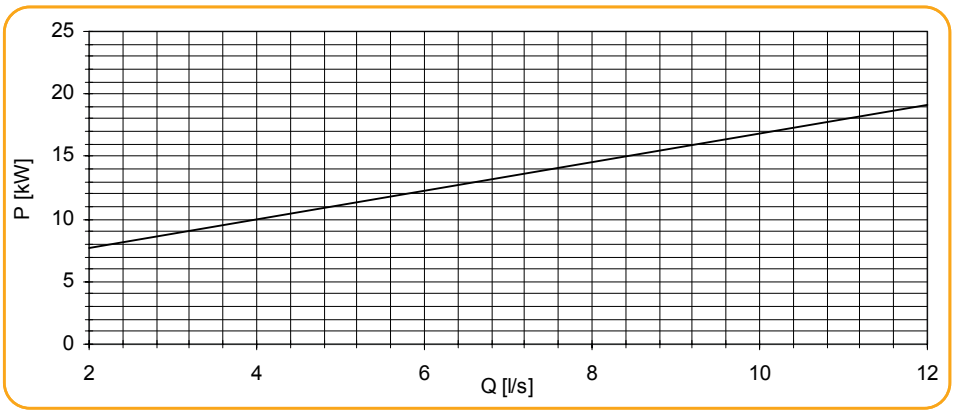
## Pump performance curves

KCP 42-6
n =2900 (rpm)

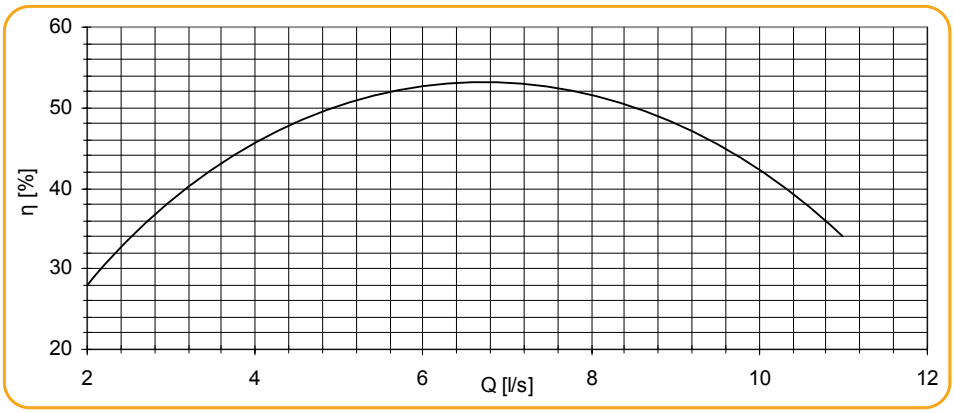
Total Differential Head



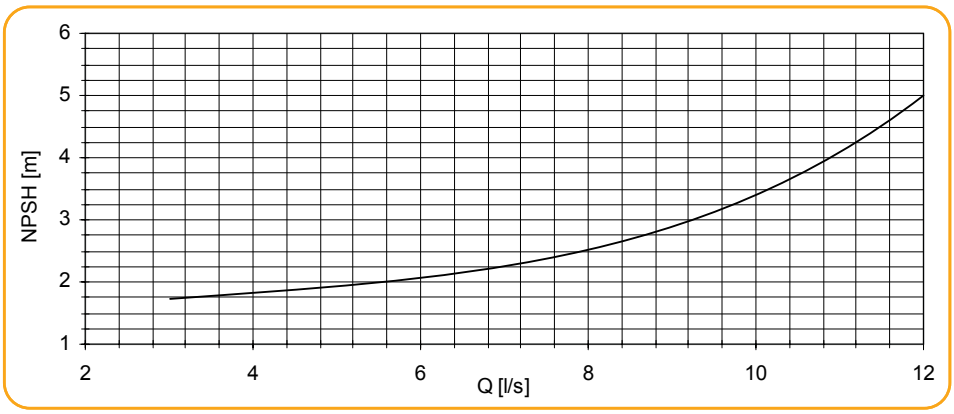

Power Input




Efficiency




Net Positive Suction Head



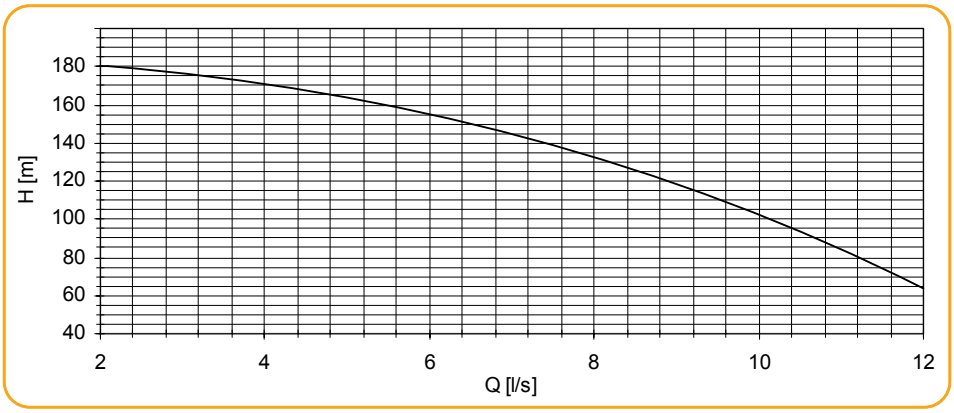



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

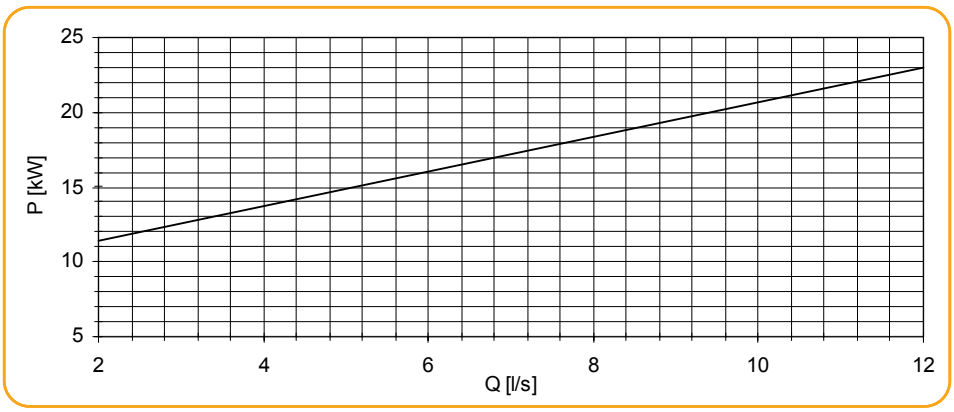
## Pump performance curves

KCP 42-7
n =2900 (rpm)

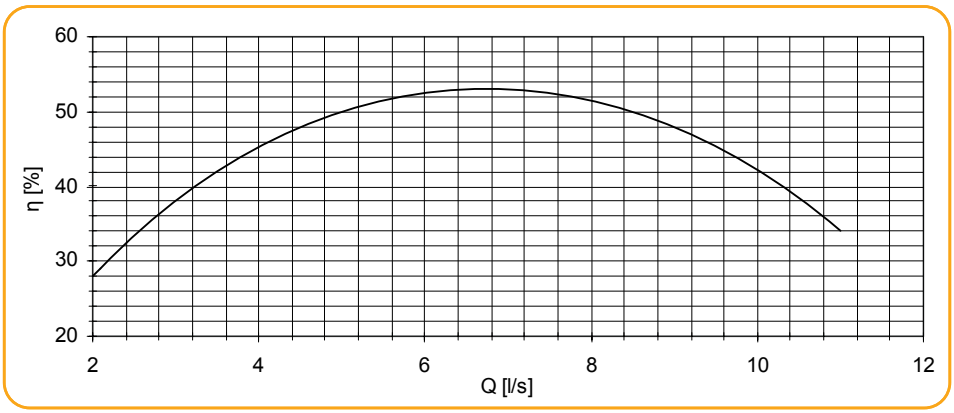
Total Differential Head



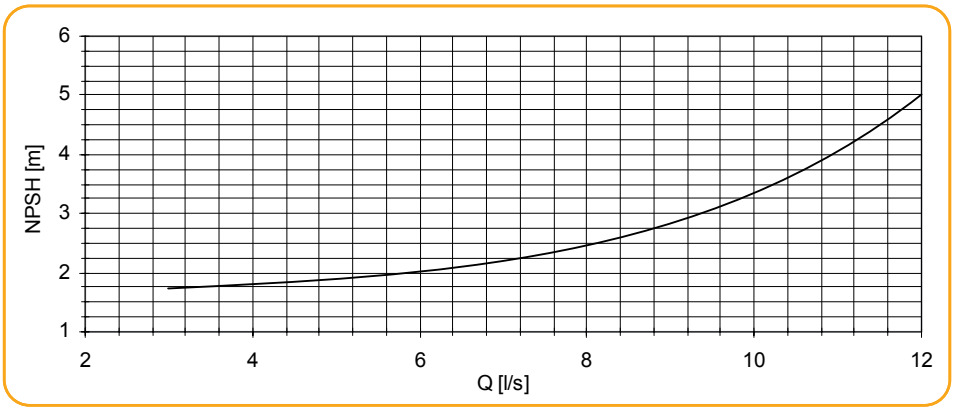

Power Input




Efficiency




Net Positive Suction Head

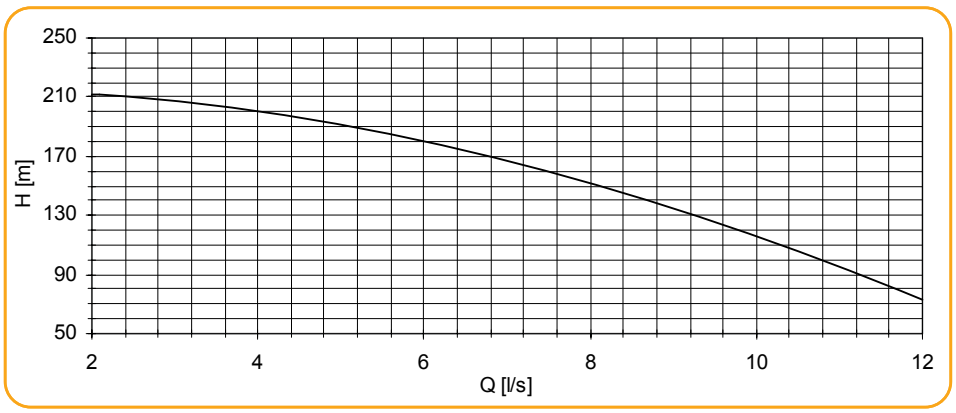



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

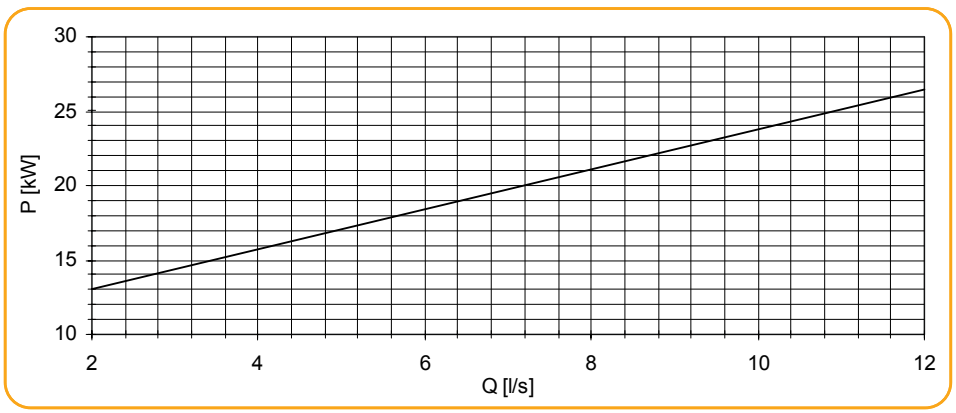
## Pump performance curves

KCP 42-8
n =2900 (rpm)

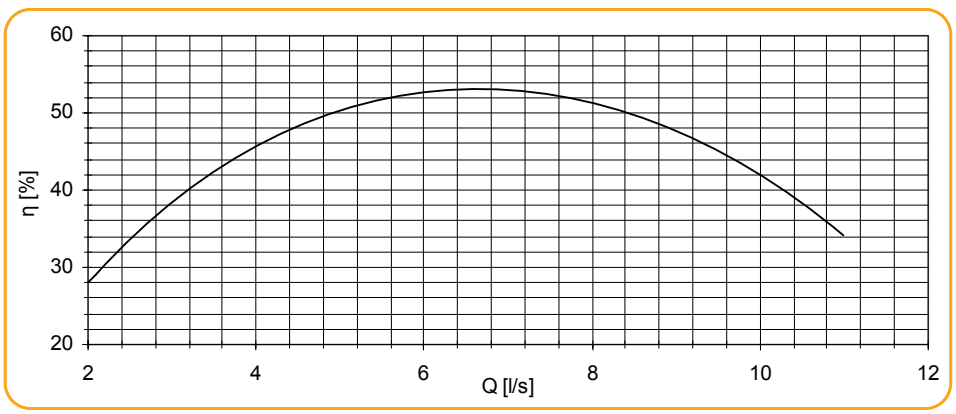
Total Differential Head



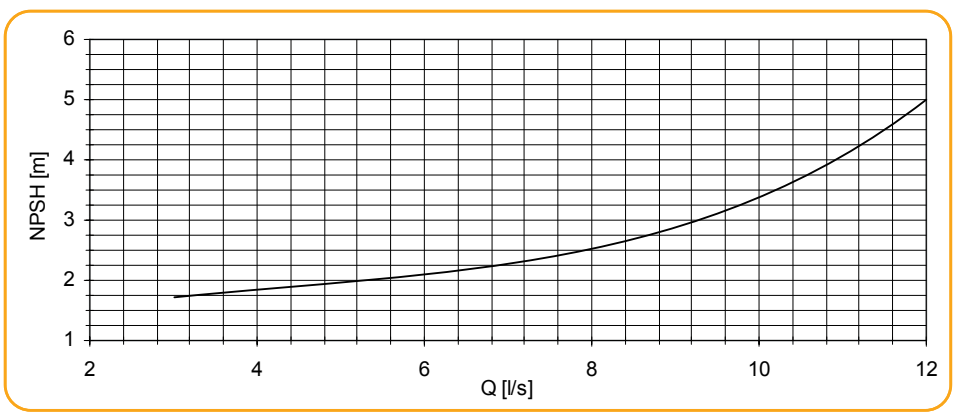

Power Input




Efficiency




Net Positive Suction Head



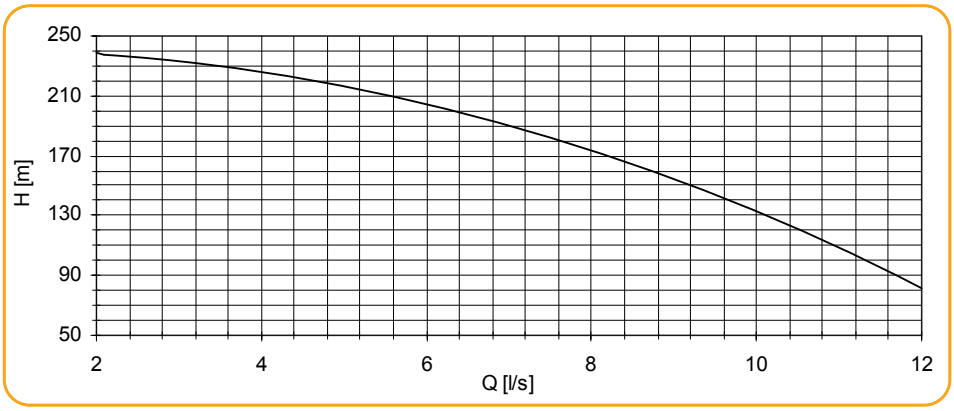



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

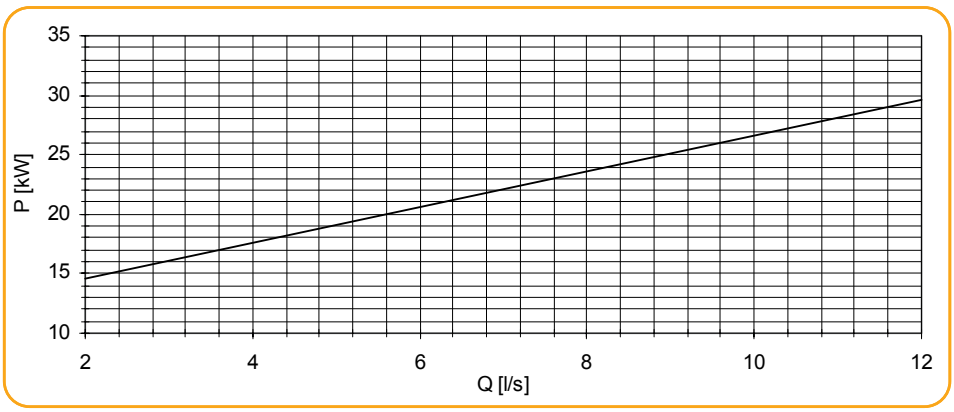
## Pump performance curves

KCP 42-9
n =2900 (rpm)

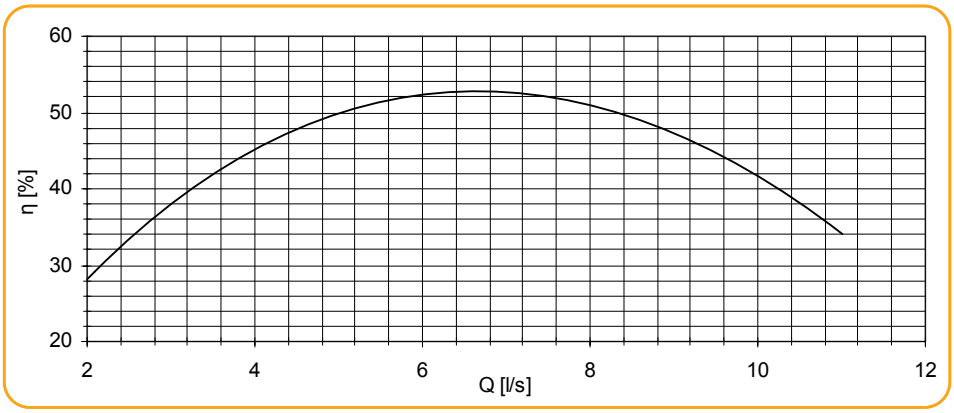
Total Differential Head



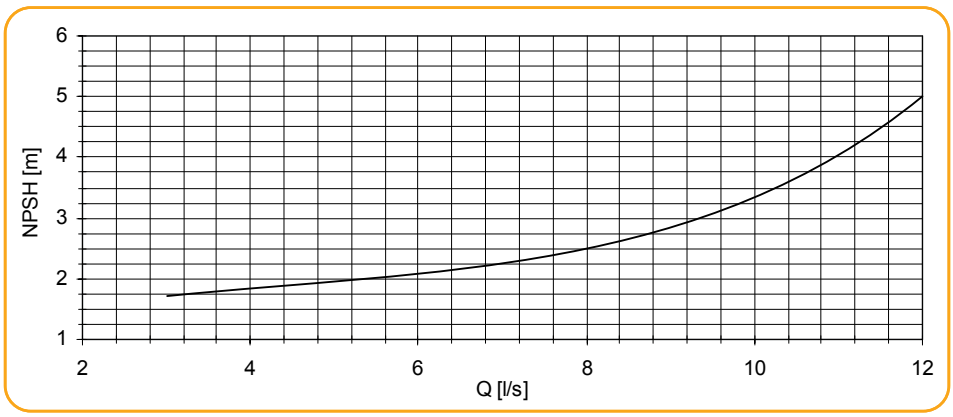

Power Input




Efficiency




Net Positive Suction Head

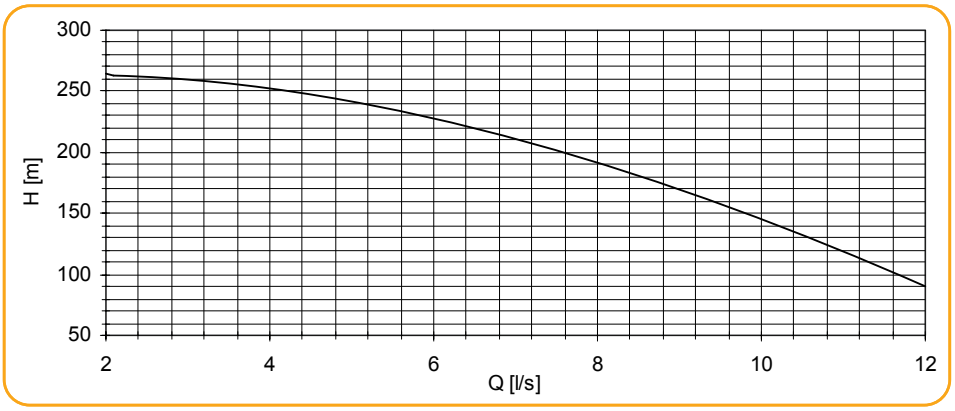



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

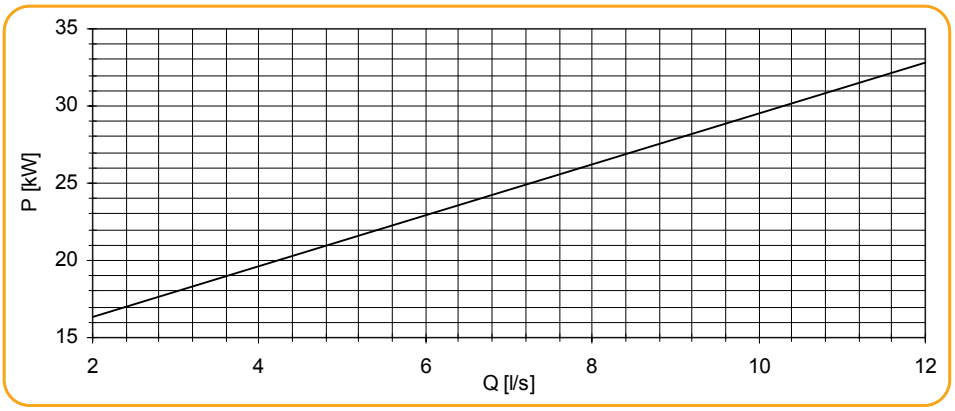
## Pump performance curves

KCP 42-10
n =2900 (rpm)

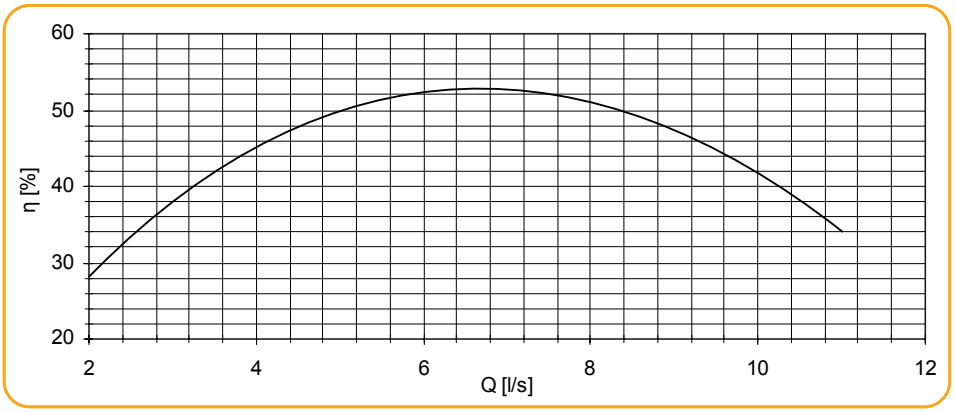
Total Differential Head



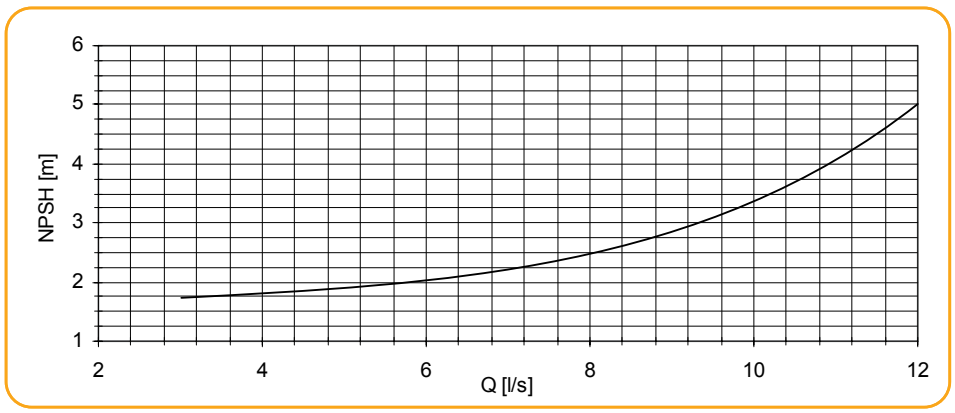

Power Input




Efficiency




Net Positive Suction Head



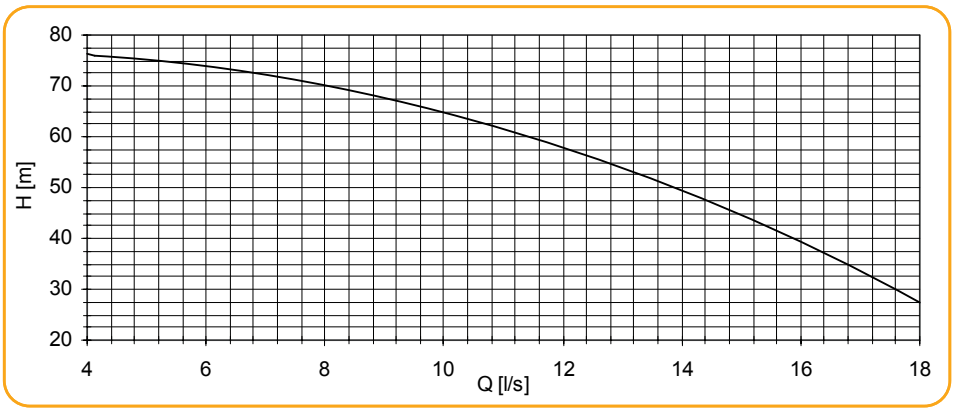



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

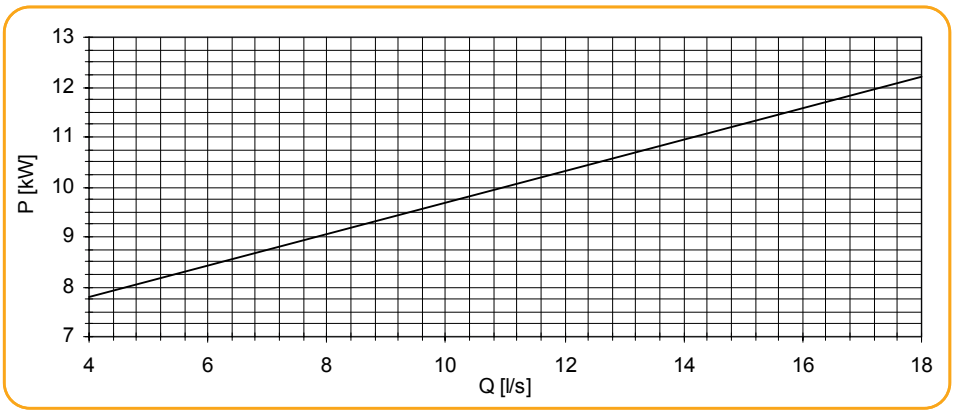
## Pump performance curves

KCP 52-2
n =2900 (rpm)

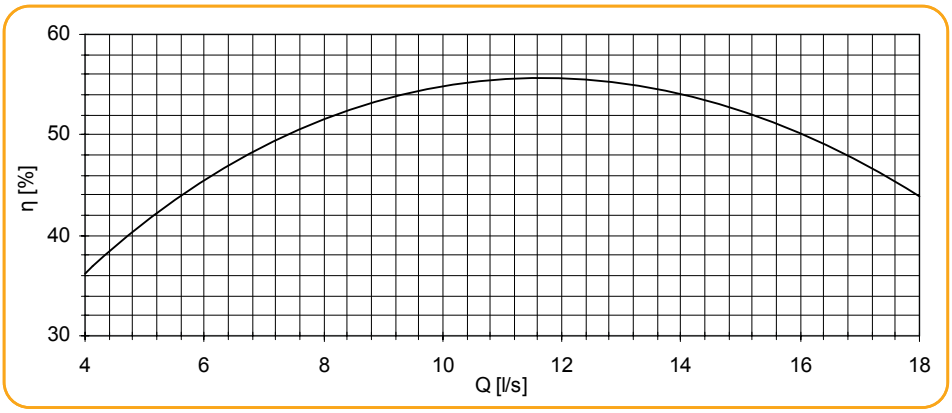
Total Differential Head



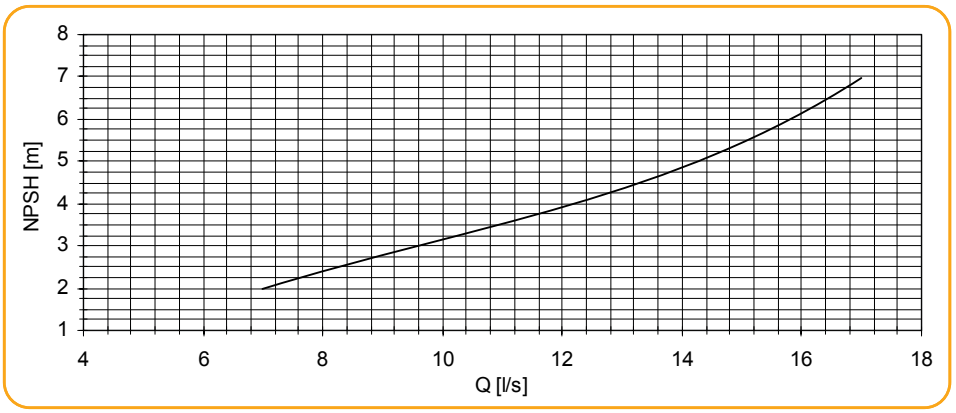

Power Input




Efficiency




Net Positive Suction Head

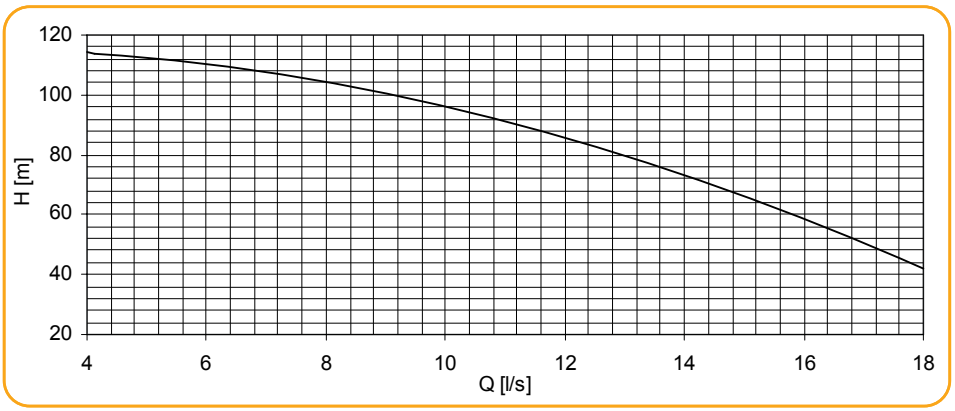



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

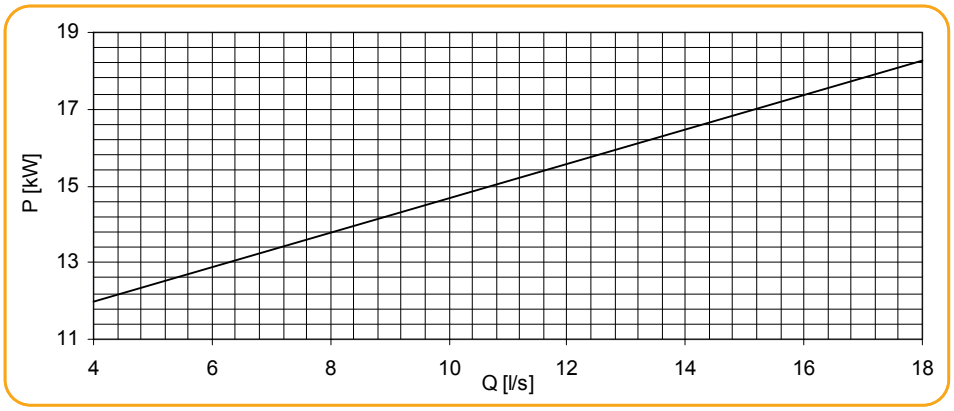
## Pump performance curves

KCP 52-3
n =2900 (rpm)

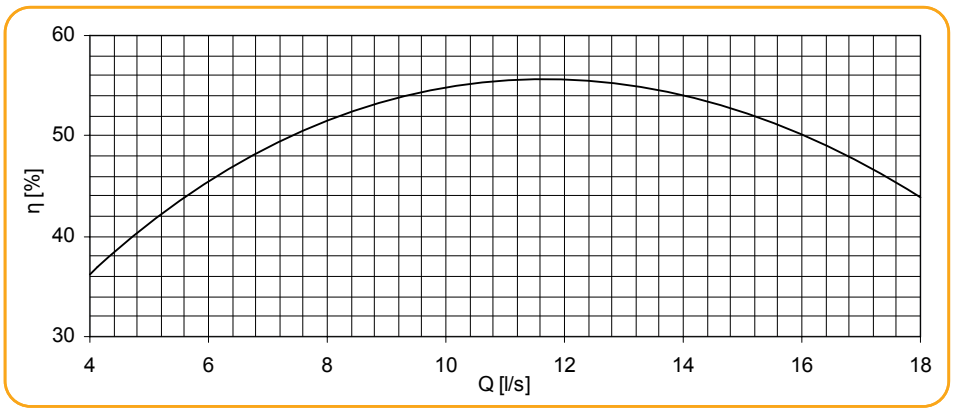
Total Differential Head



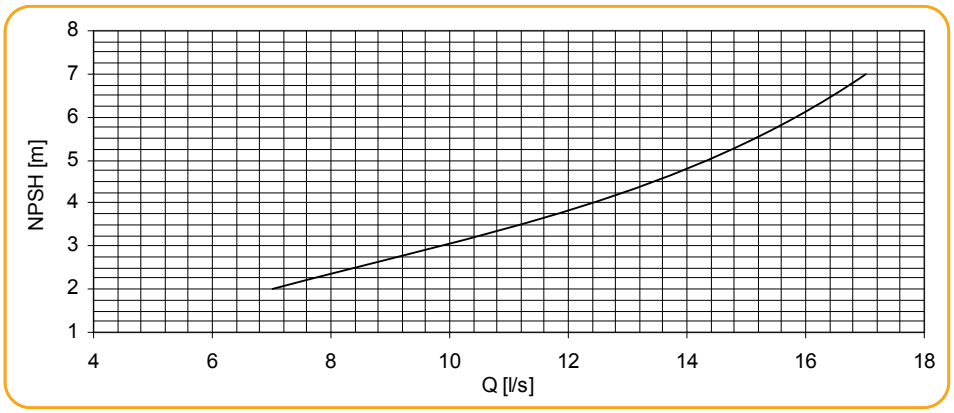

Power Input




Efficiency




Net Positive Suction Head



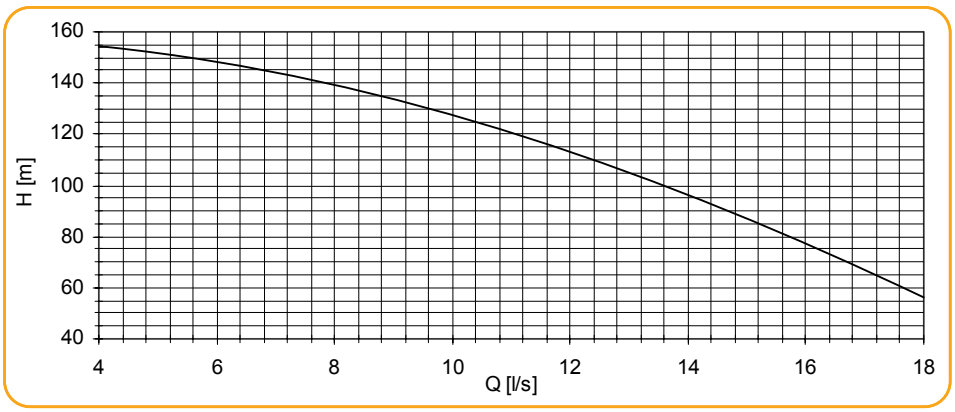



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

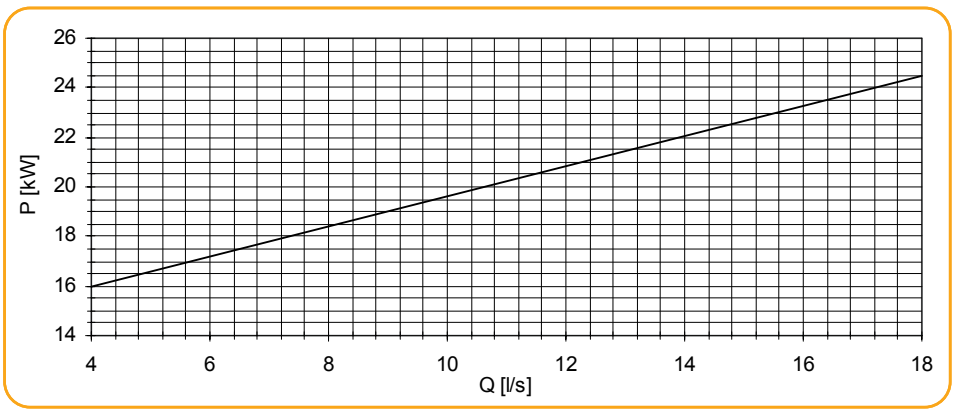
## Pump performance curves

KCP 52-4
n =2900 (rpm)

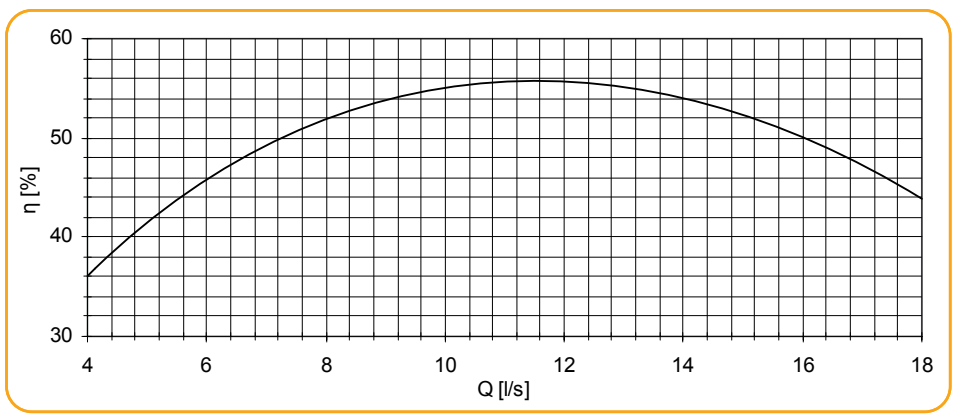
Total Differential Head



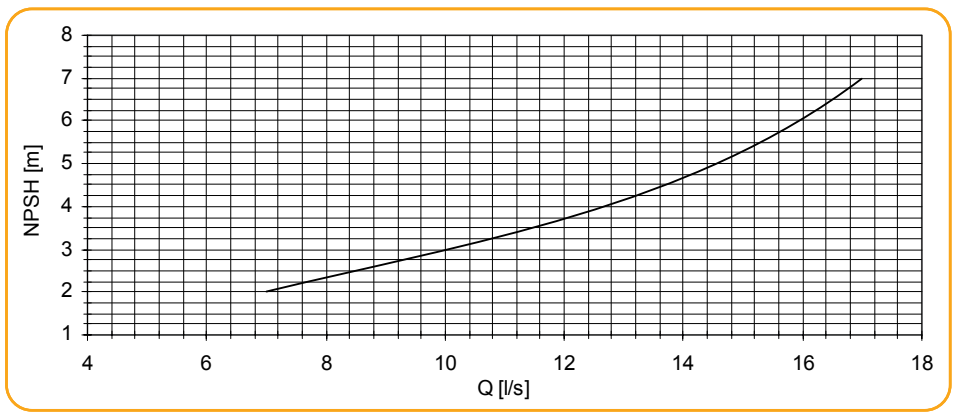

Power Input




Efficiency




Net Positive Suction Head

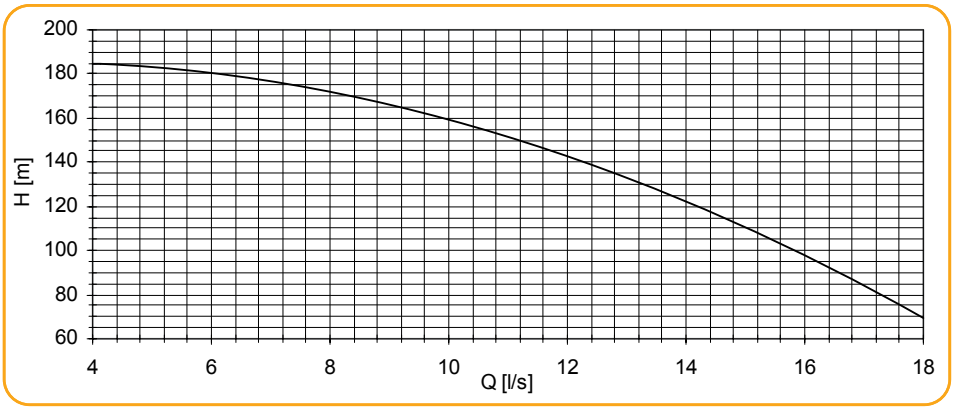



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

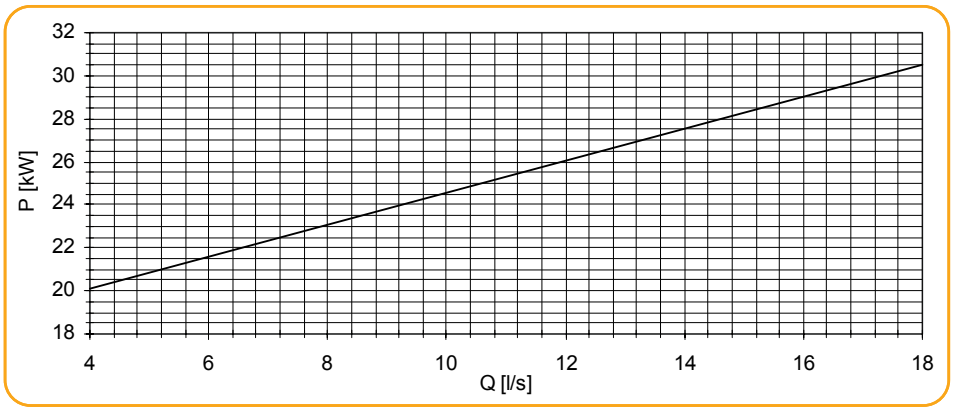
## Pump performance curves

KCP 52-5
n =2900 (rpm)

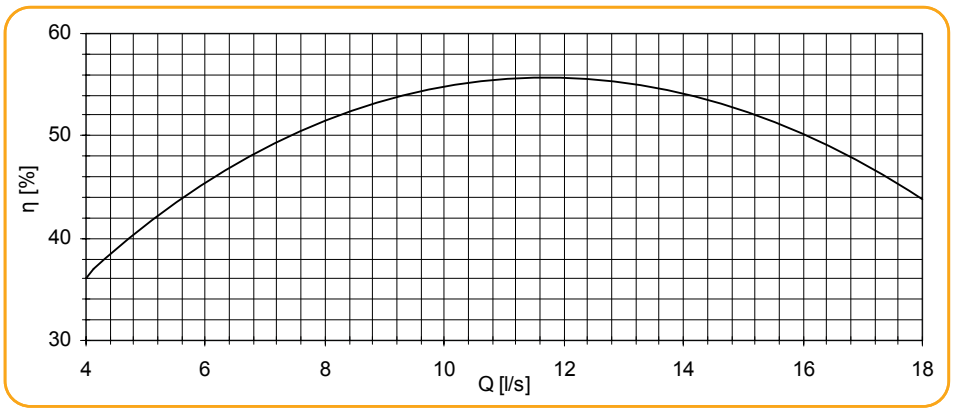
Total Differential Head



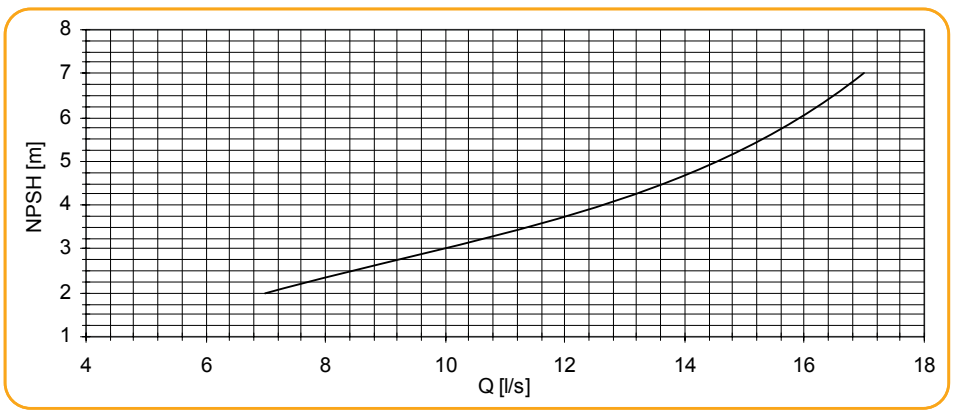

Power Input




Efficiency




Net Positive Suction Head



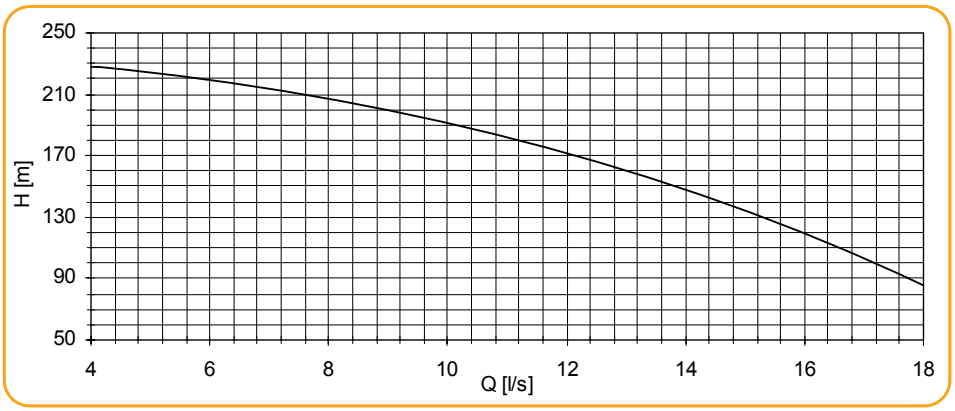



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

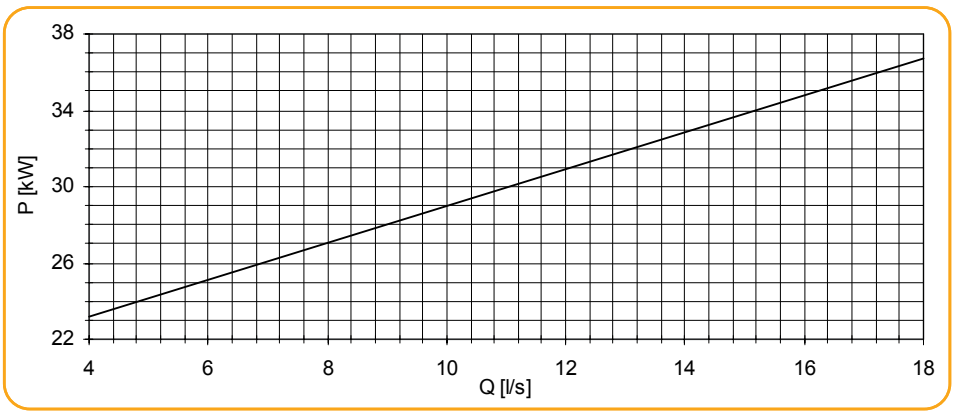
## Pump performance curves

KCP 52-6
n =2900 (rpm)

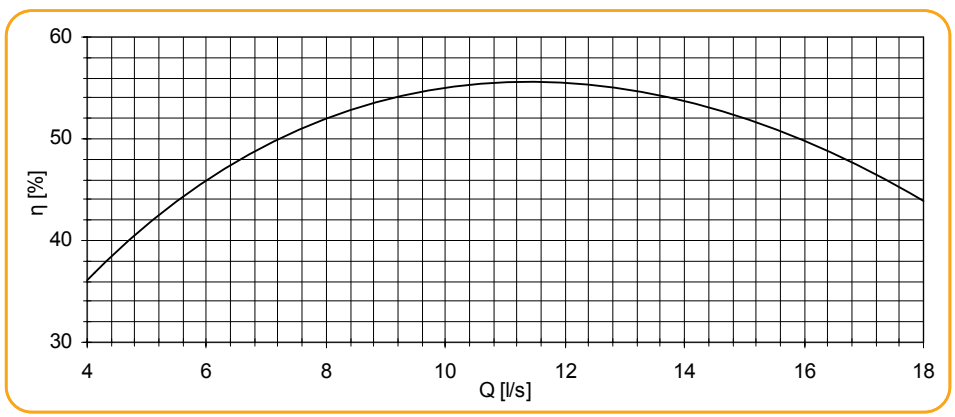
Total Differential Head



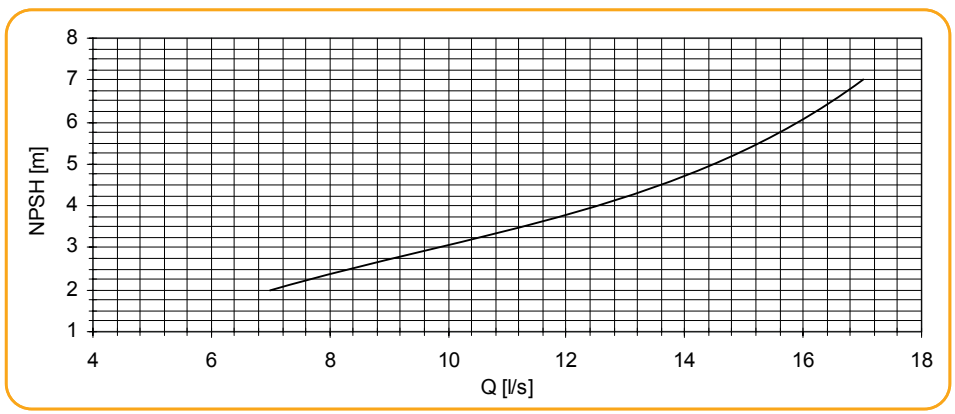

Power Input




Efficiency




Net Positive Suction Head

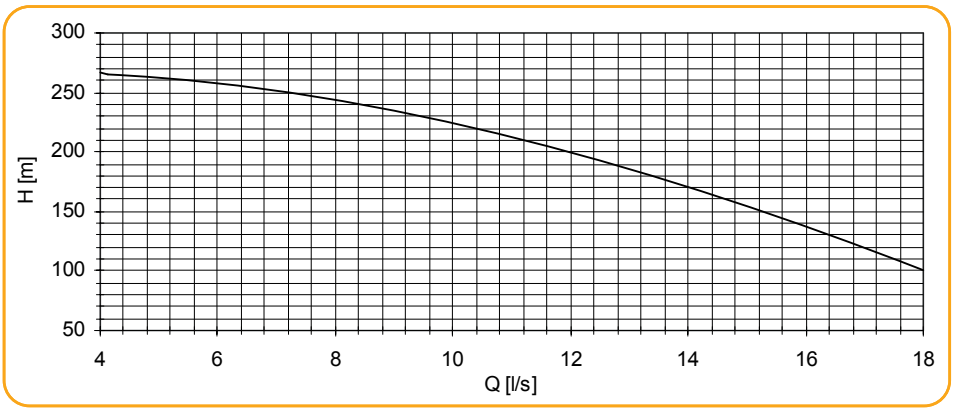



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

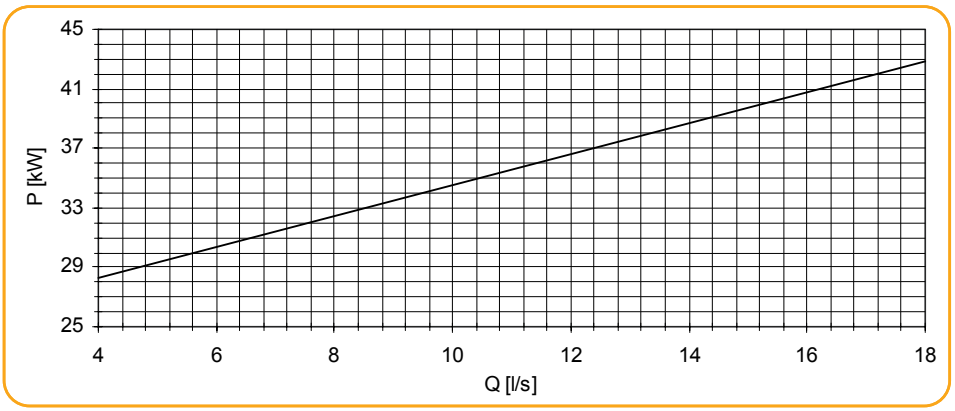
## Pump performance curves

KCP 52-7
n =2900 (rpm)

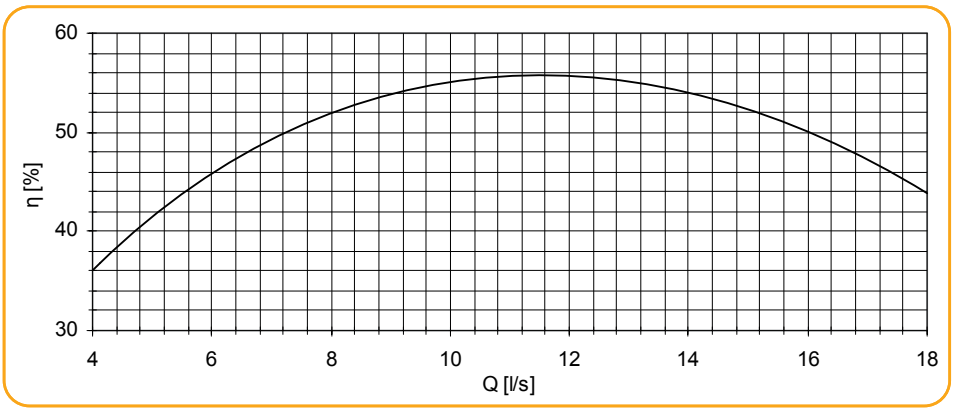
Total Differential Head



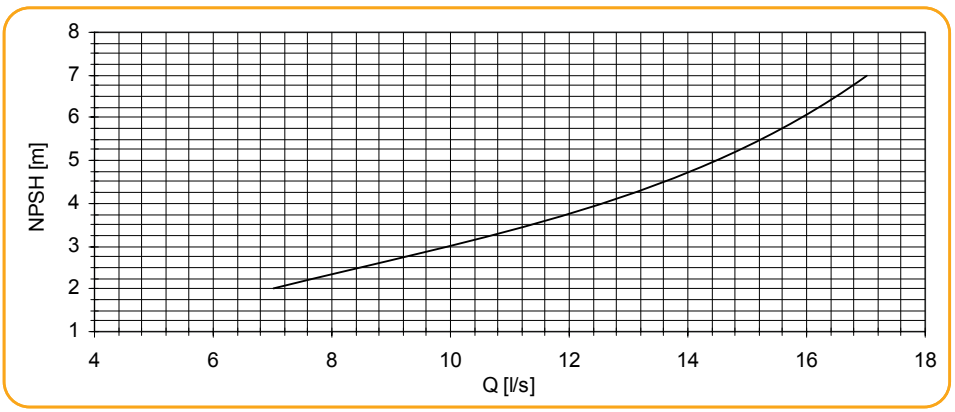

Power Input




Efficiency




Net Positive Suction Head



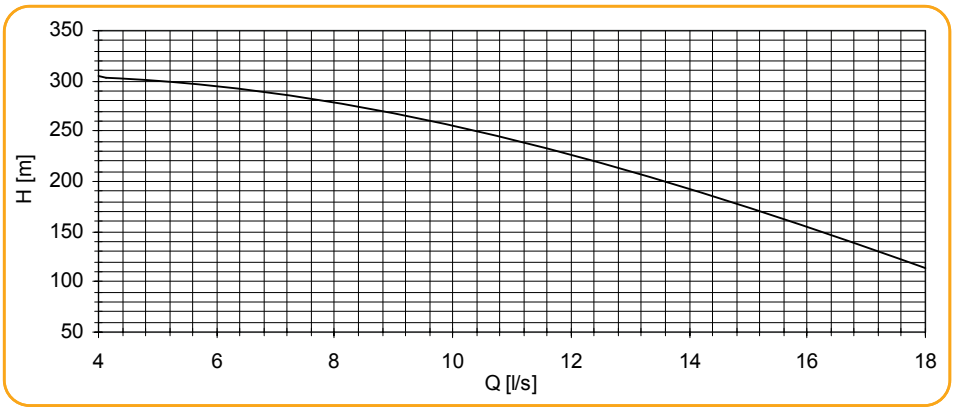



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

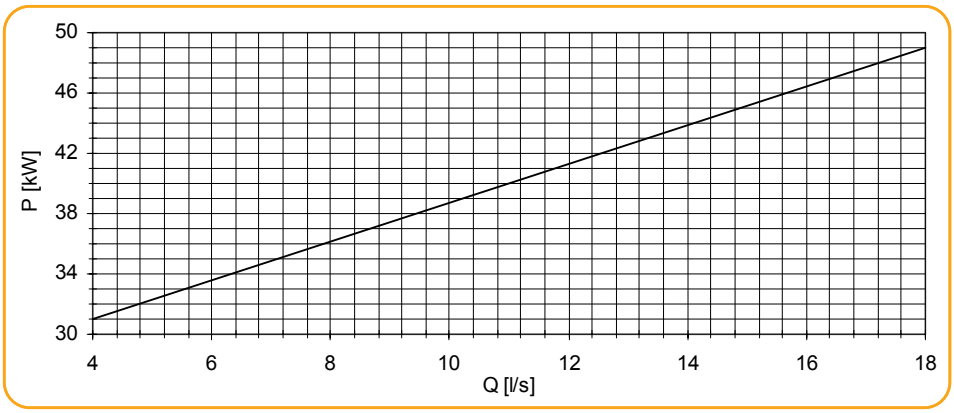
## Pump performance curves

KCP 52-8
n =2900 (rpm)

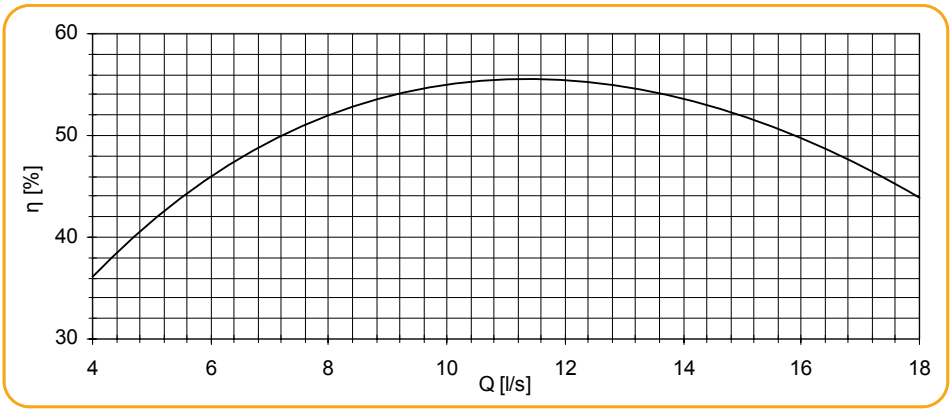
Total Differential Head



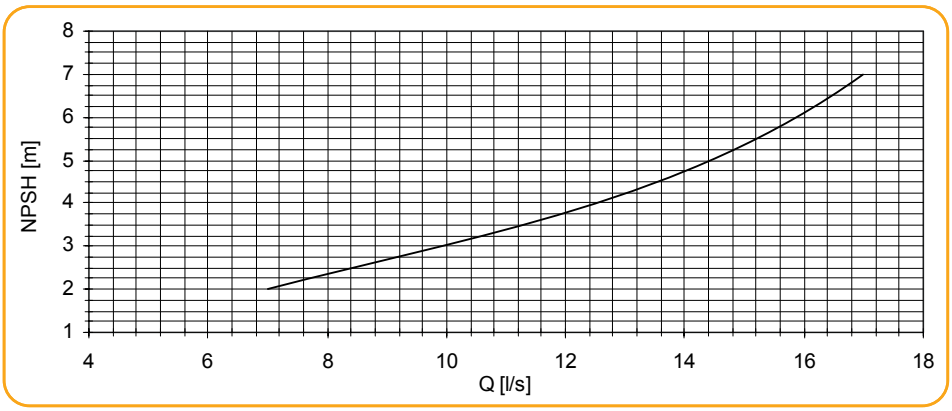

Power Input




Efficiency




Net Positive Suction Head

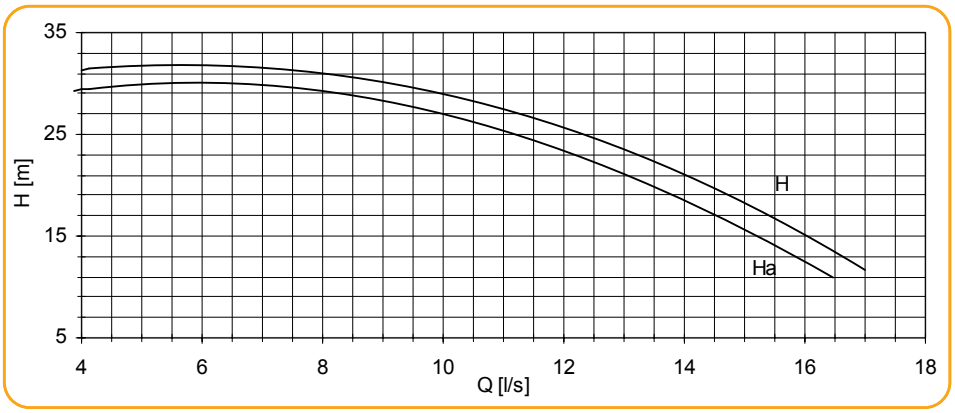



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

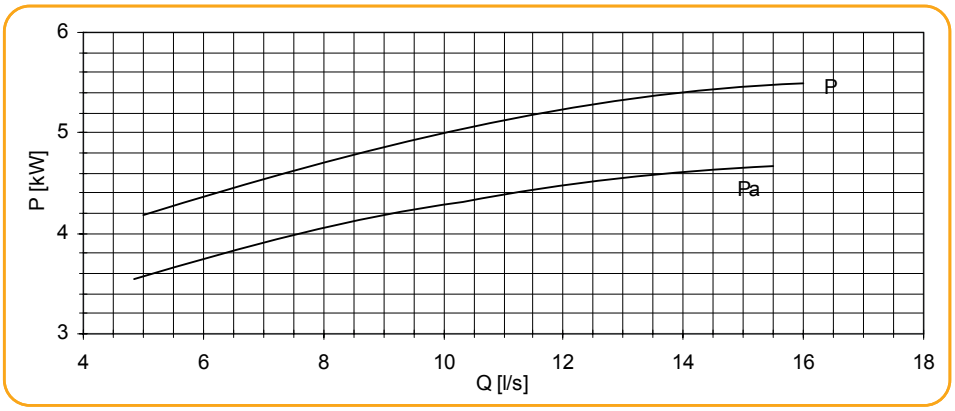
## Pump performance curves

KCP 62-2
n =1450 (rpm)

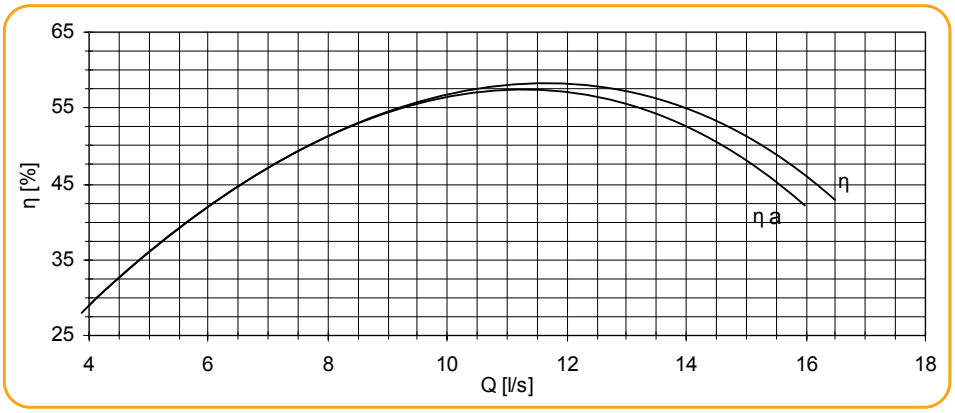
Total Differential Head



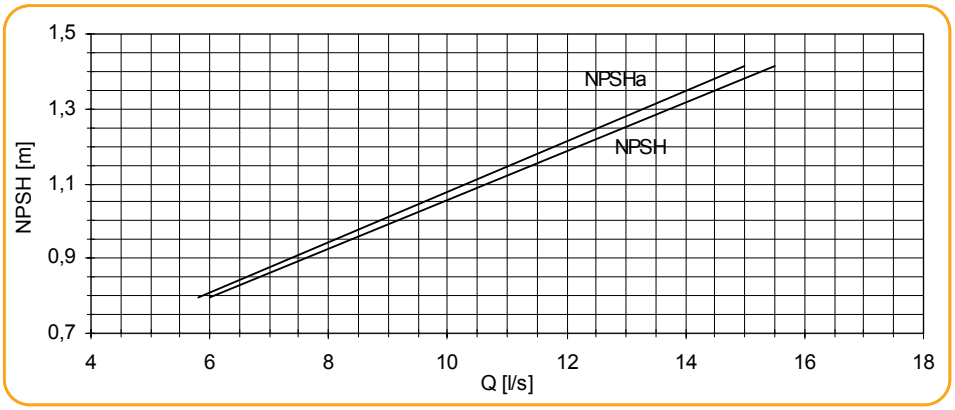

Power Input




Efficiency




Net Positive Suction Head



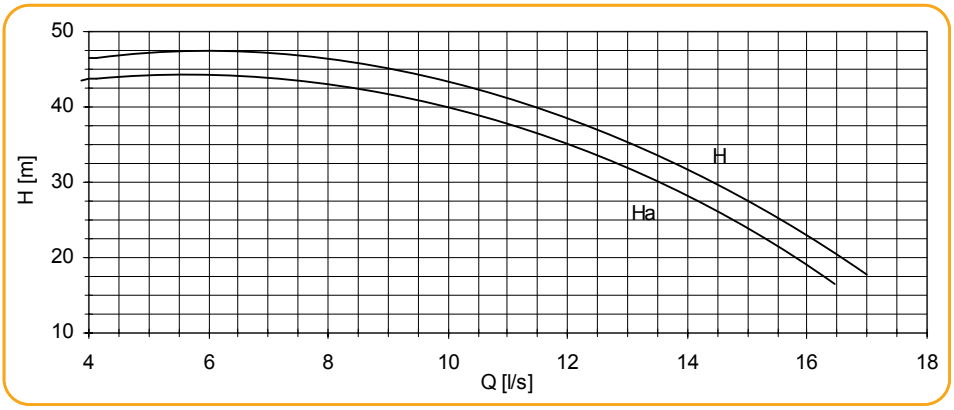



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

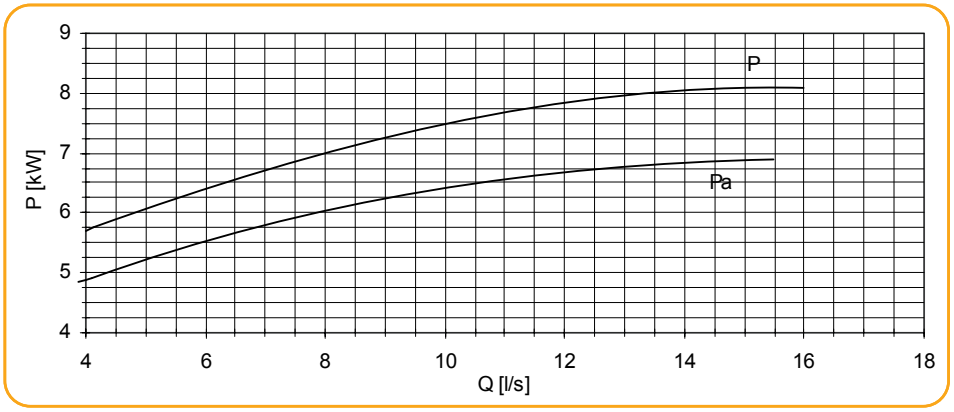
## Pump performance curves

KCP 62-3
n =1450 (rpm)

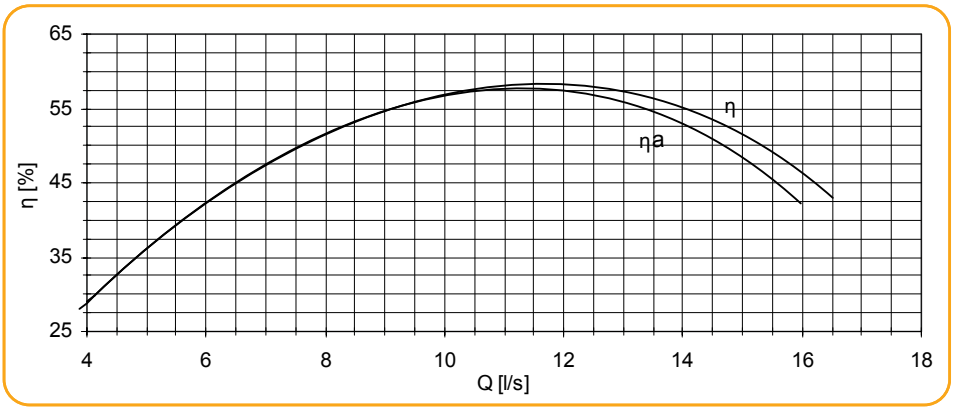
Total Differential Head



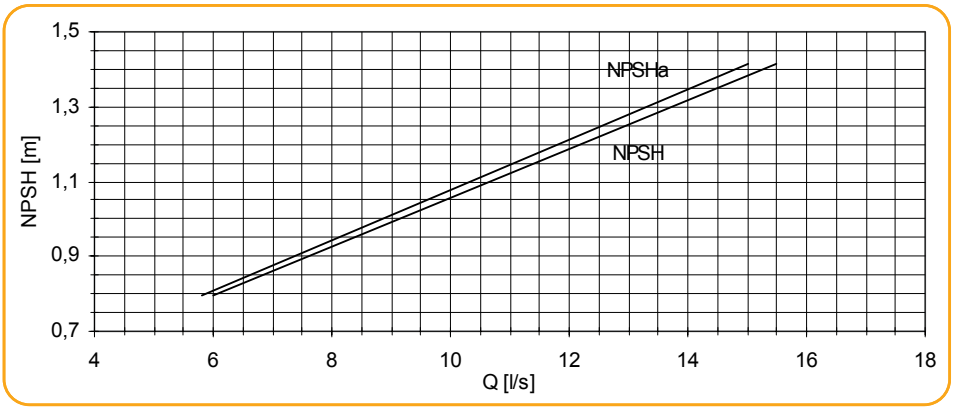

Power Input




Efficiency




Net Positive Suction Head

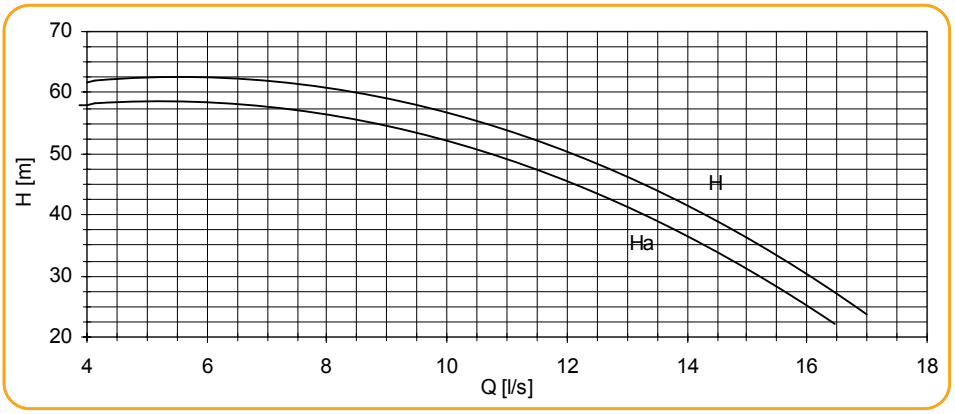



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

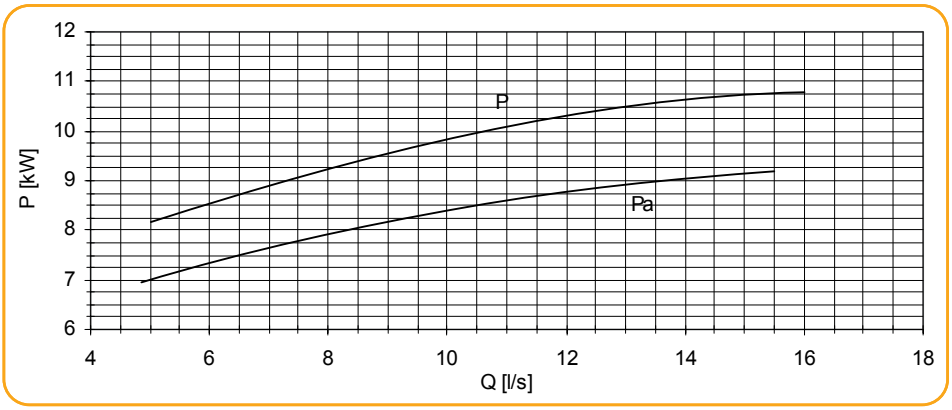
## Pump performance curves

KCP 62-4
n =1450 (rpm)

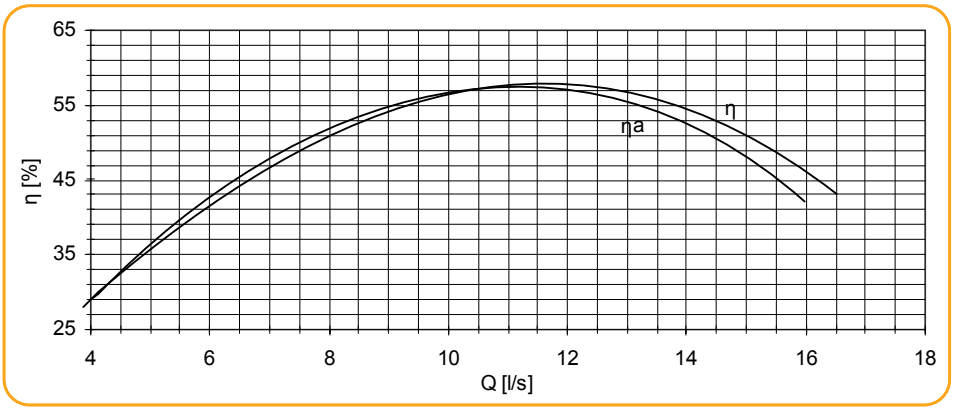
Total Differential Head



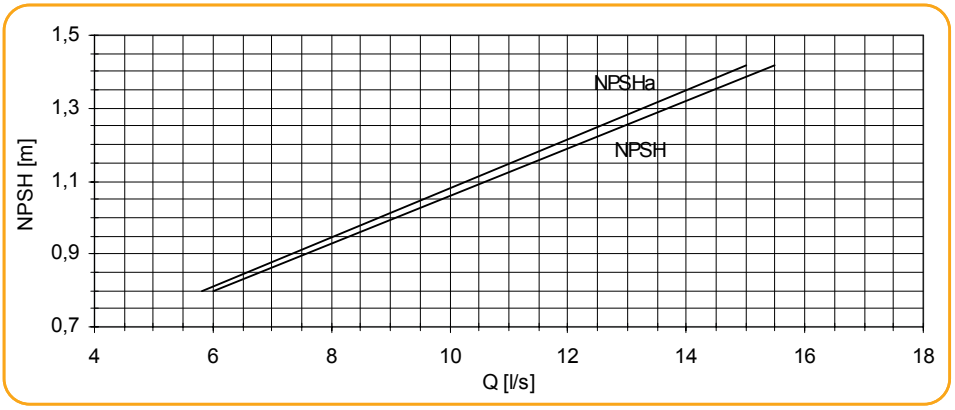

Power Input




Efficiency




Net Positive Suction Head



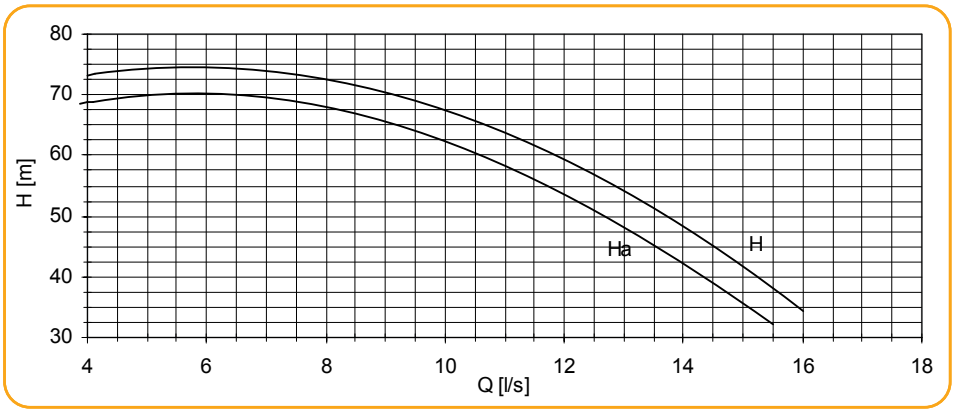



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

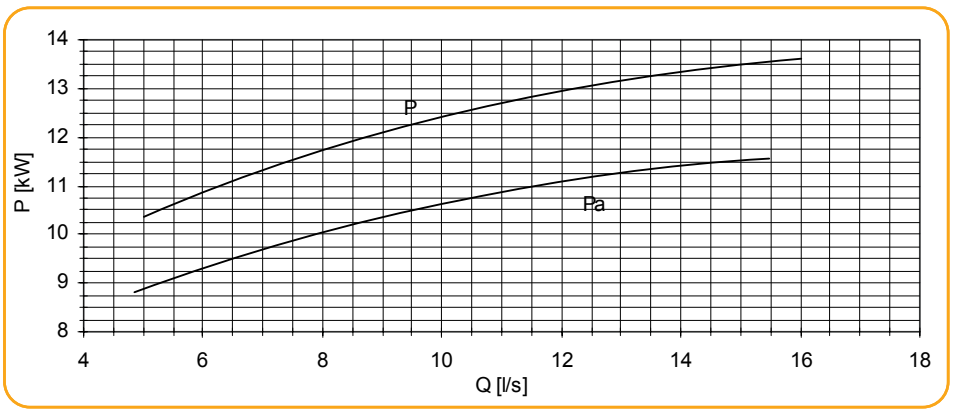
## Pump performance curves

KCP 62-5
n =1450 (rpm)

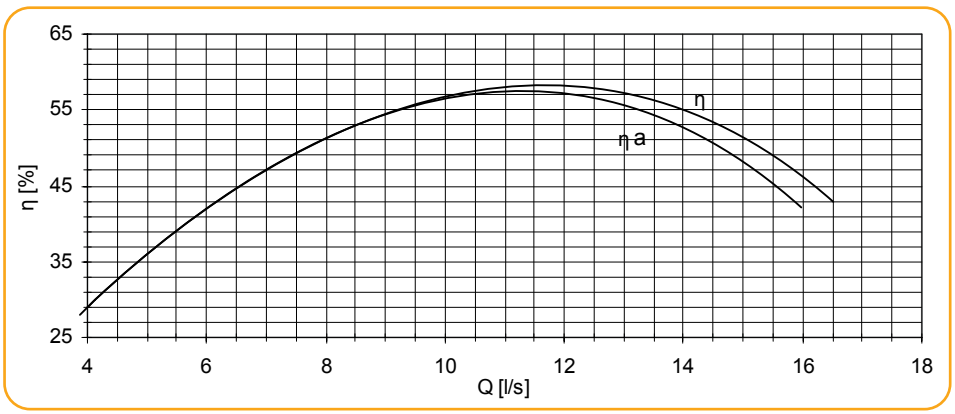
Total Differential Head



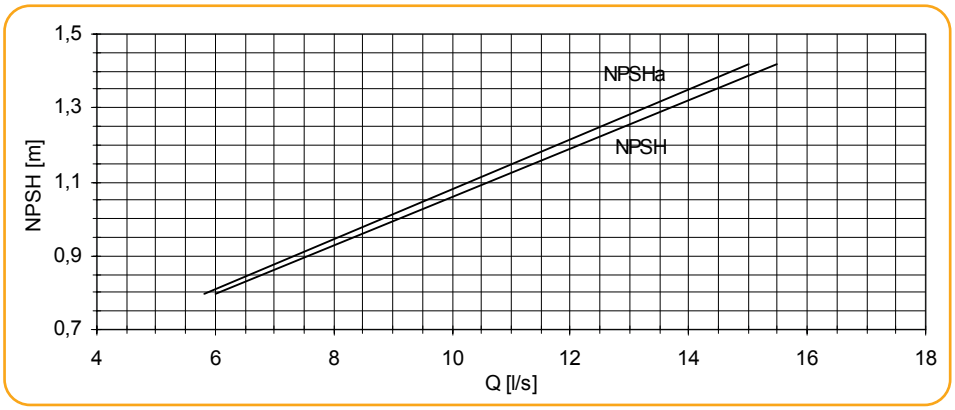

Power Input




Efficiency




Net Positive Suction Head

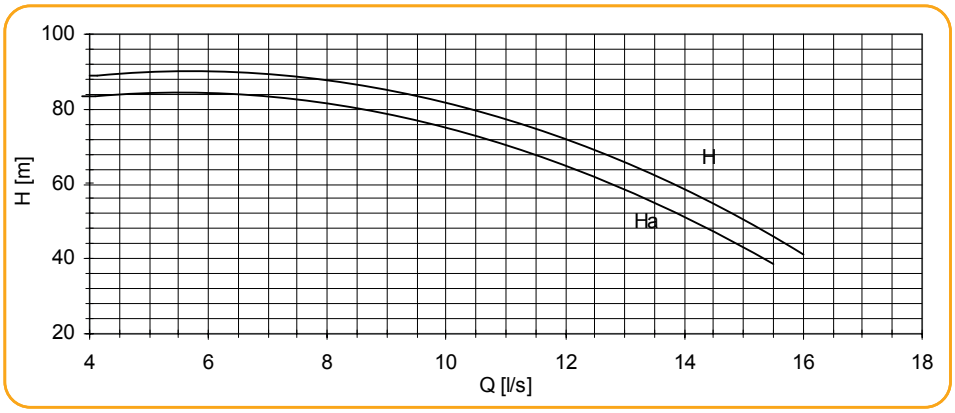



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

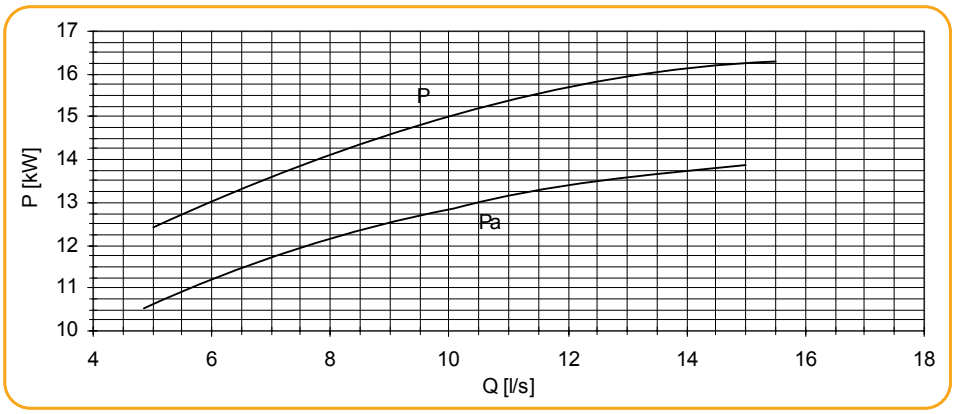
## Pump performance curves

KCP 62-6
n =1450 (rpm)

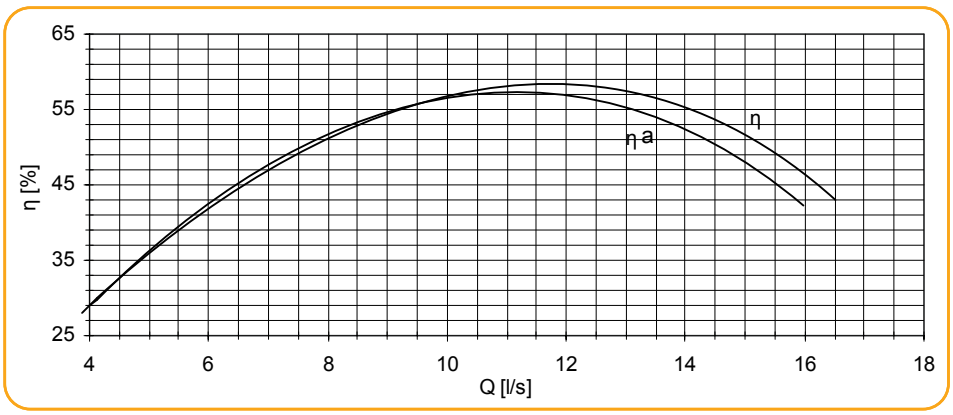
Total Differential Head



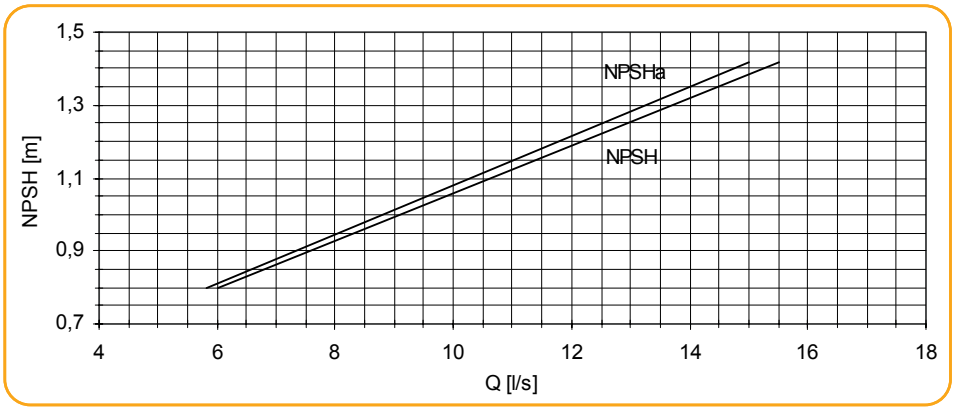

Power Input




Efficiency




Net Positive Suction Head



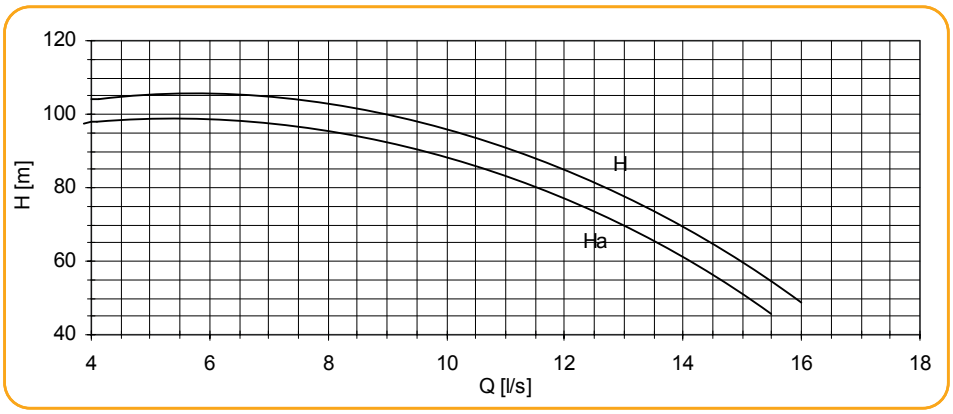



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

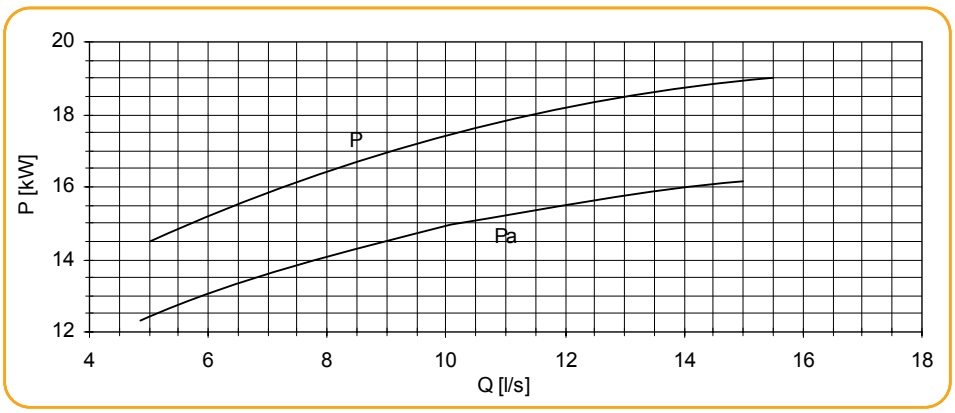
## Pump performance curves

KCP 62-7
n =1450 (rpm)

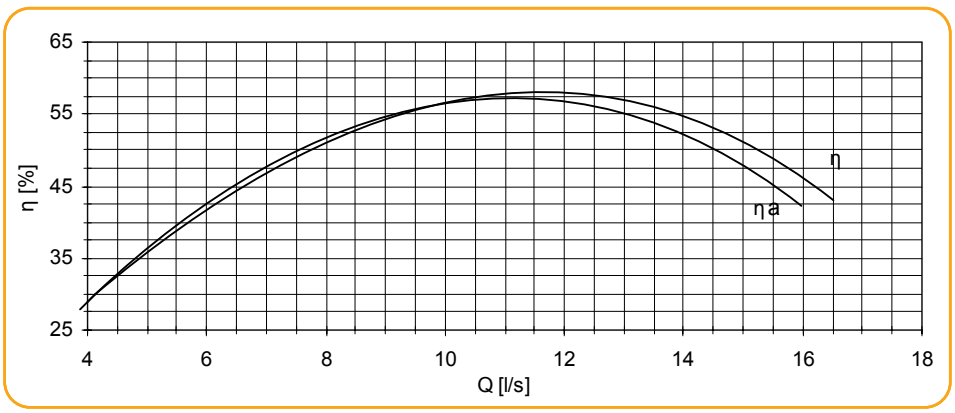
Total Differential Head



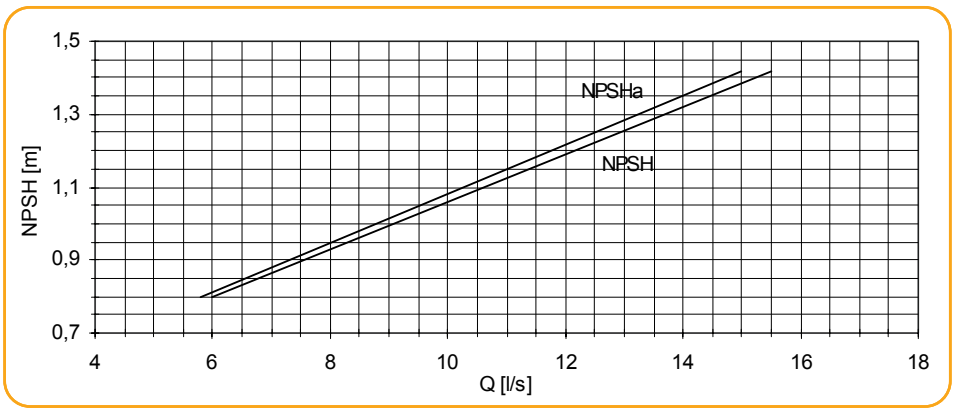

Power Input




Efficiency




Net Positive Suction Head

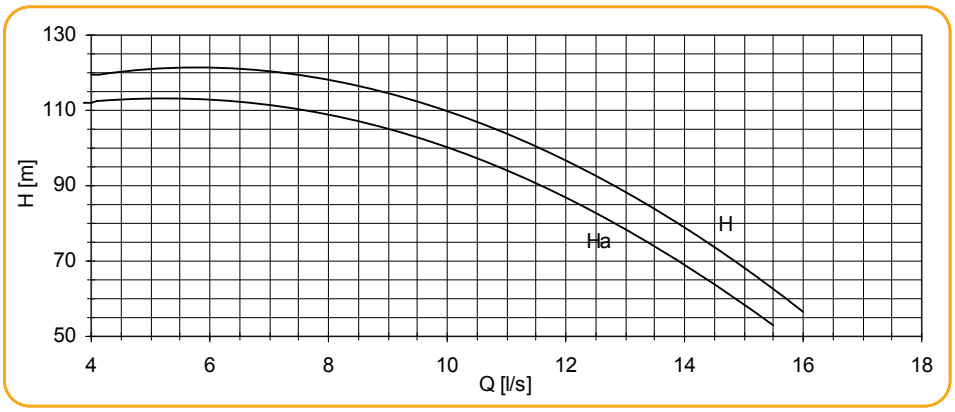



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

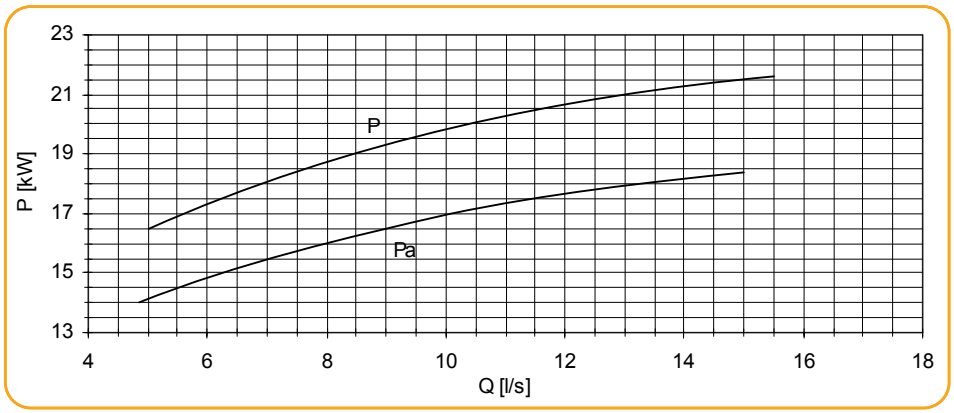
## Pump performance curves

KCP 62-8
n =1450 (rpm)

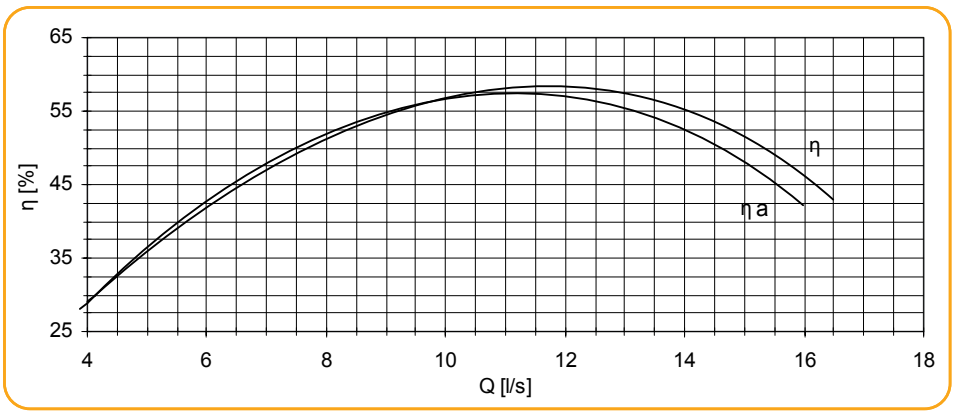
Total Differential Head



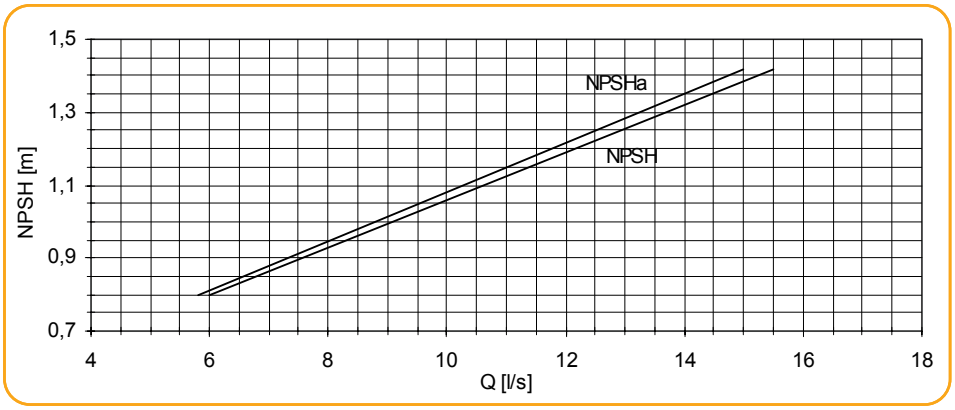

Power Input




Efficiency




Net Positive Suction Head



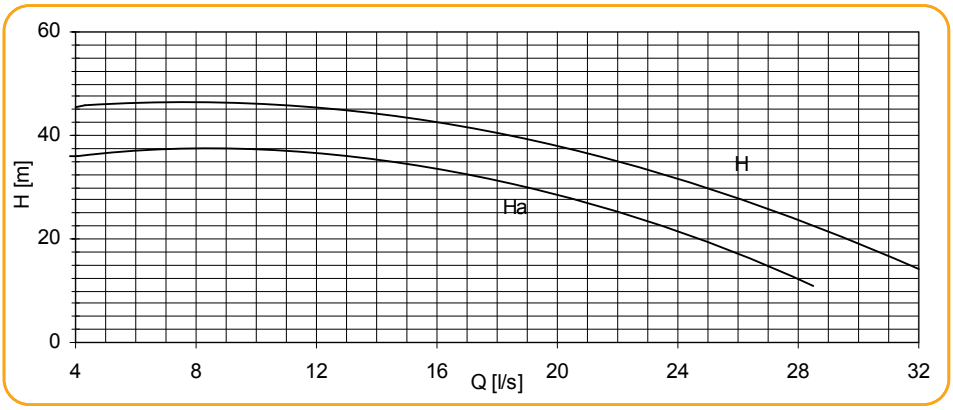



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

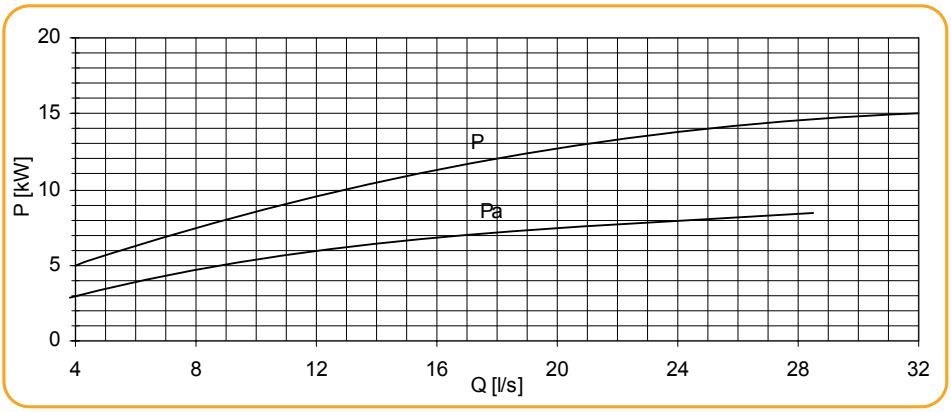
## Pump performance curves

KCP 122-2
n =1450 (rpm)

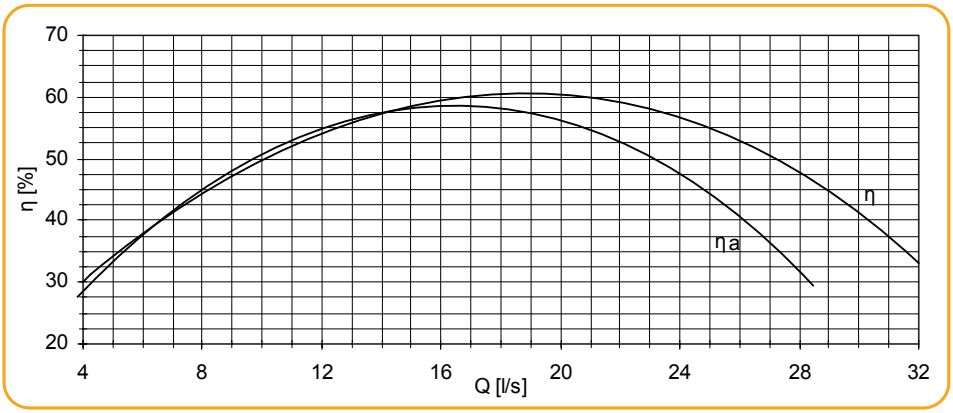
Total Differential Head



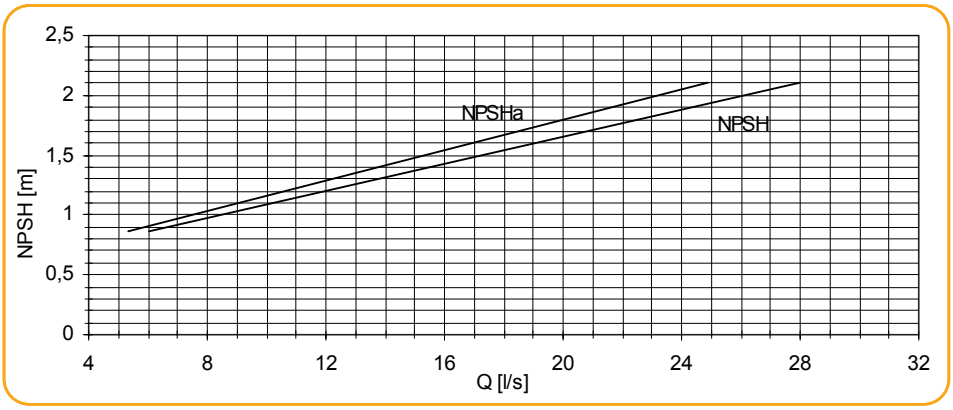

Power Input




Efficiency




Net Positive Suction Head

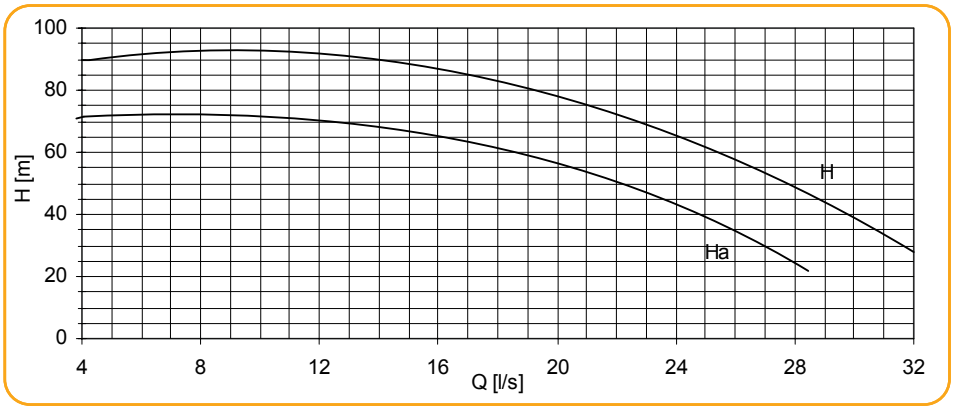



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

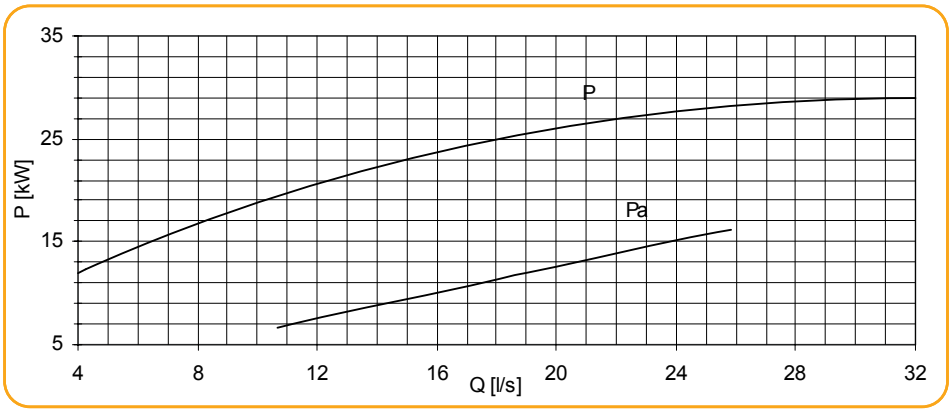
## Pump performance curves

KCP 122-4
n =1450 (rpm)

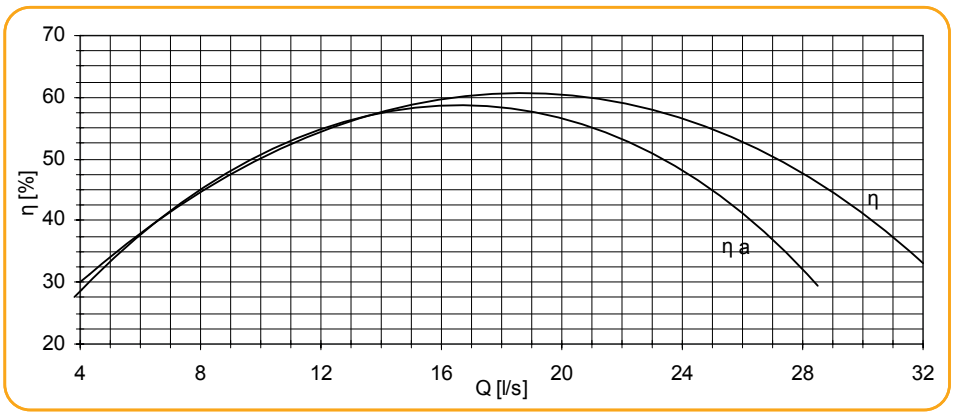
Total Differential Head



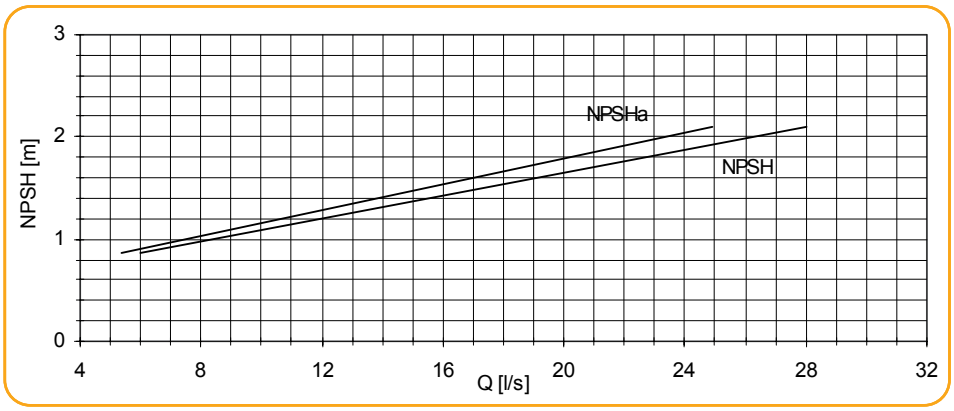

Power Input




Efficiency




Net Positive Suction Head



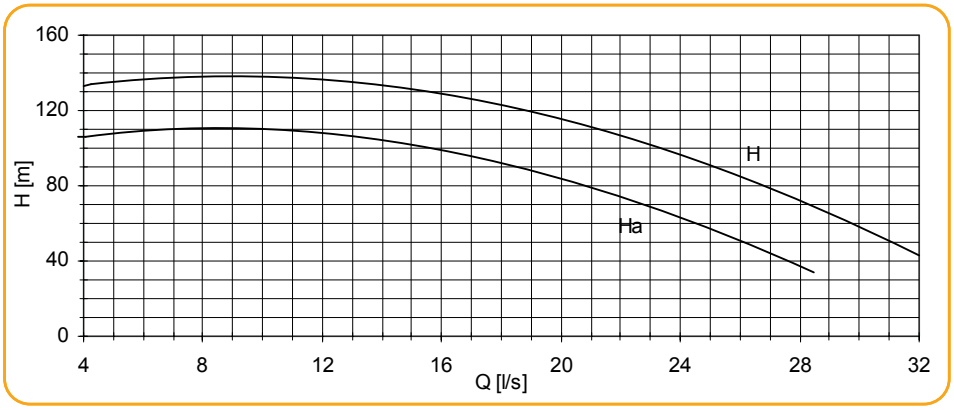



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

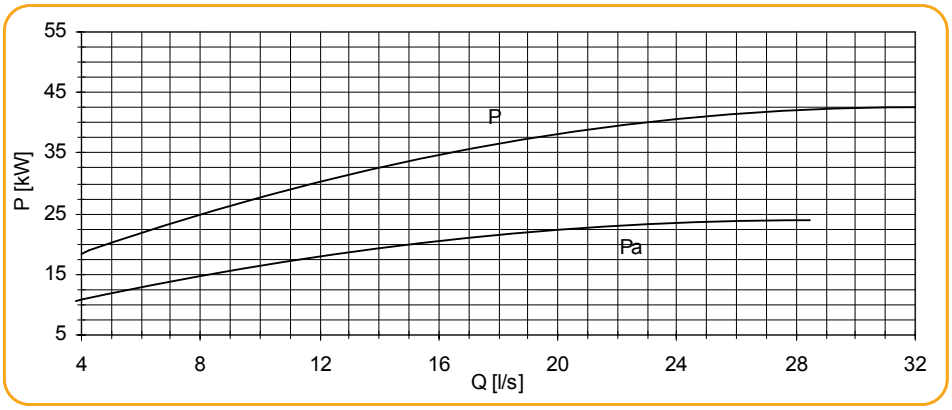
## Pump performance curves

KCP 122-6
n =1450 (rpm)

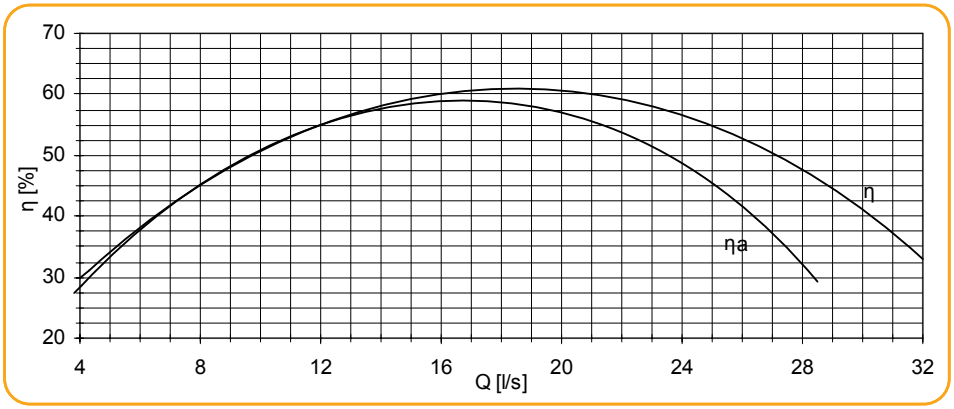
Total Differential Head



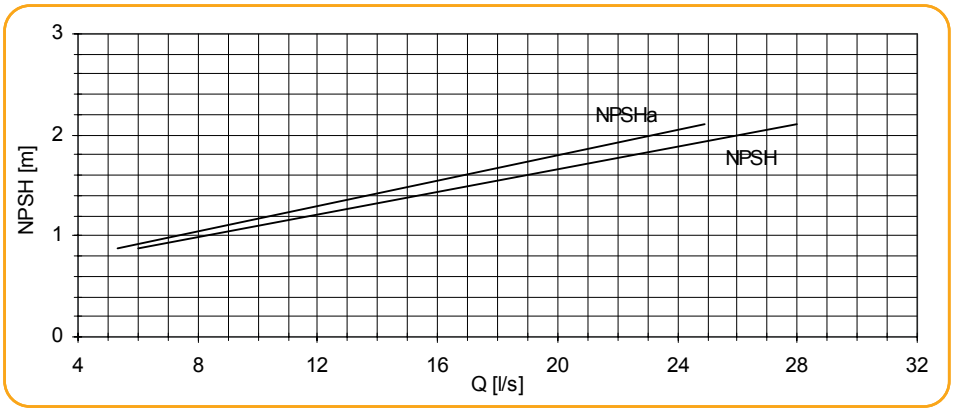

Power Input




Efficiency




Net Positive Suction Head

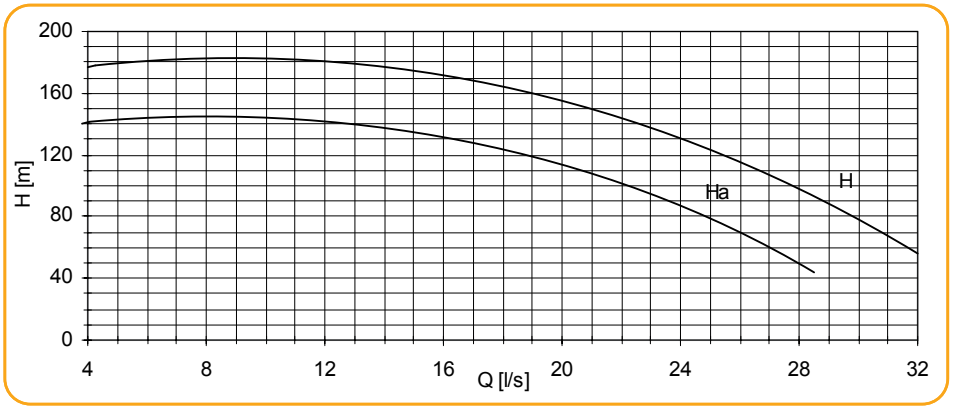



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

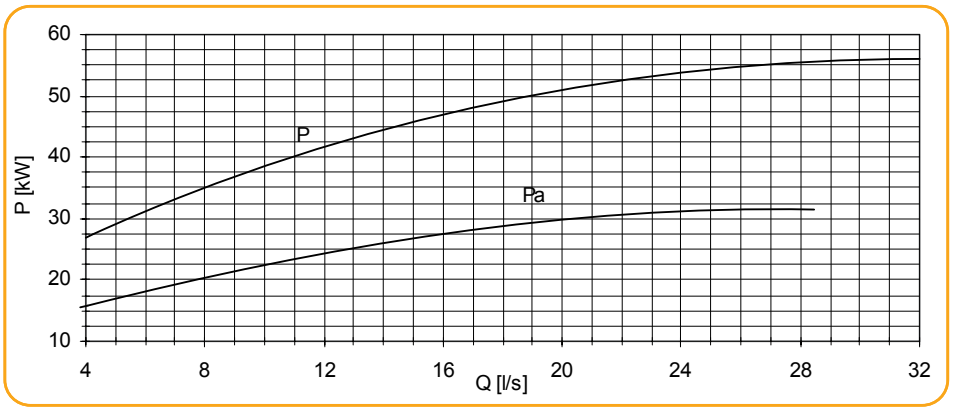
## Pump performance curves

KCP 122-8
n =1450 (rpm)

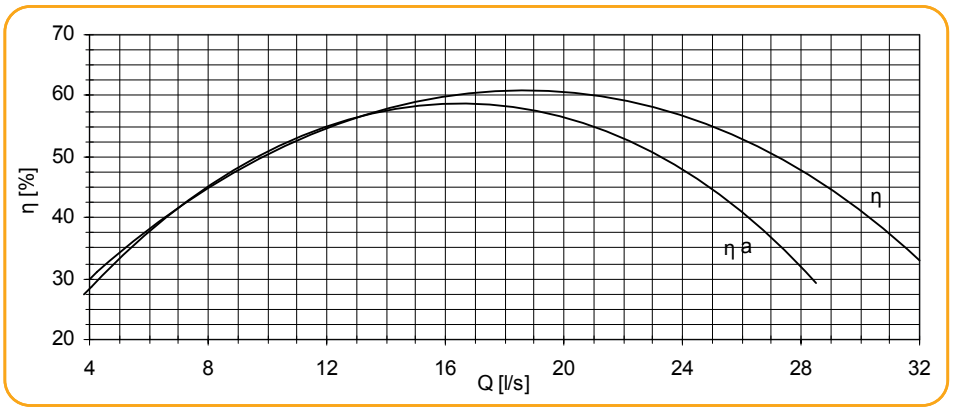
Total Differential Head



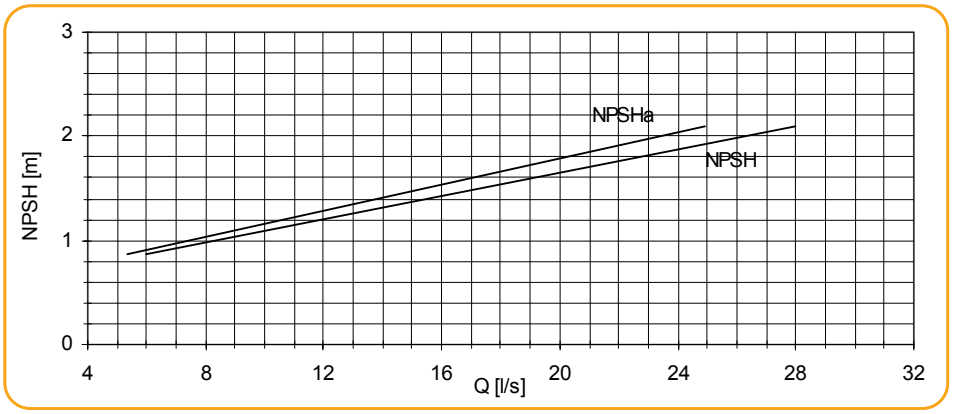

Power Input




Efficiency




Net Positive Suction Head



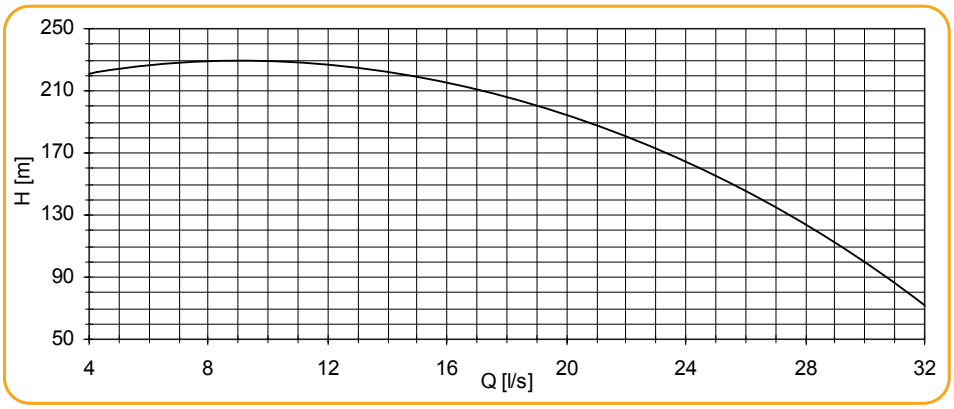



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

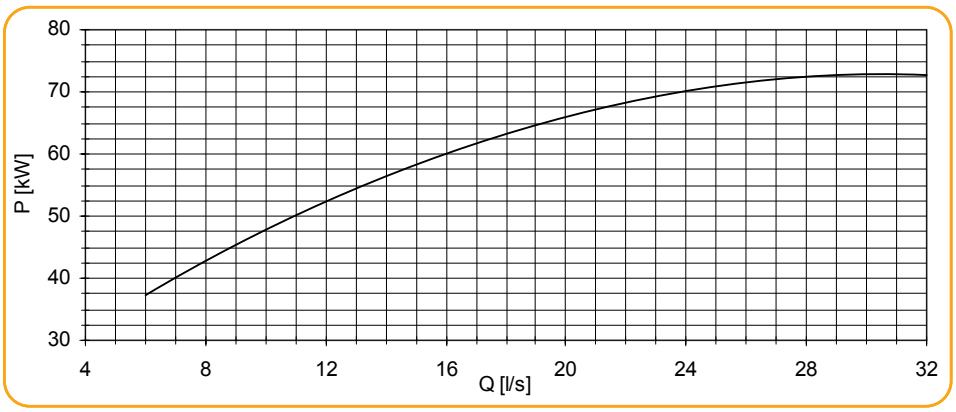
## Pump performance curves

KCP 122-10
n =1450 (rpm)

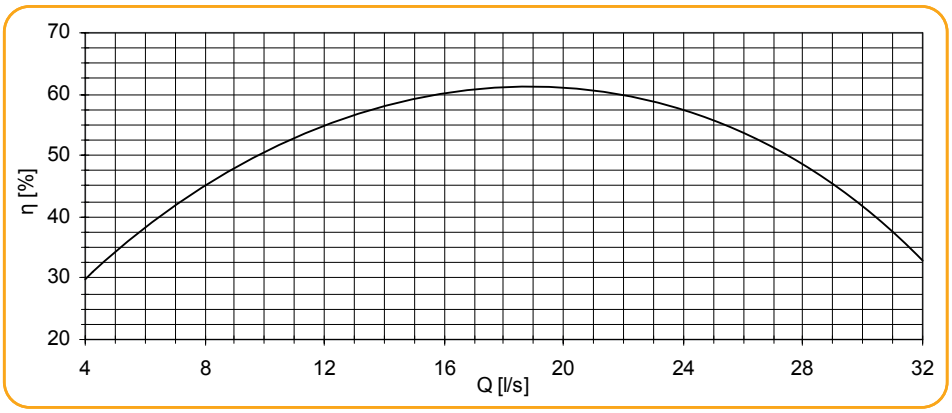
Total Differential Head



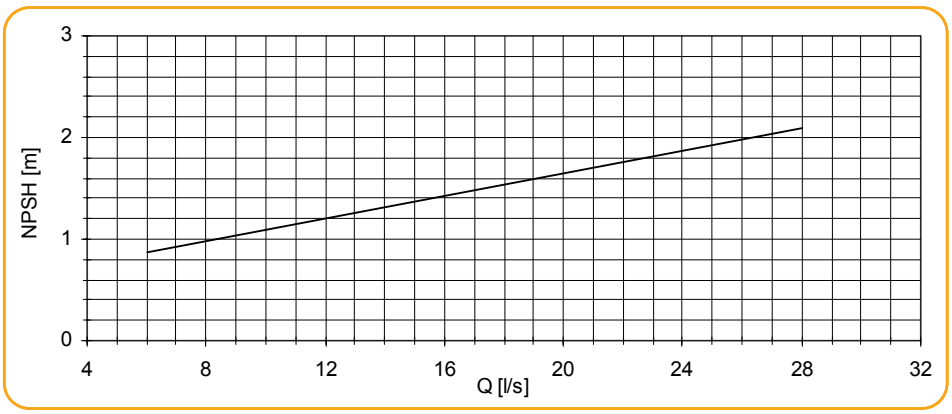

Power Input




Efficiency




Net Positive Suction Head

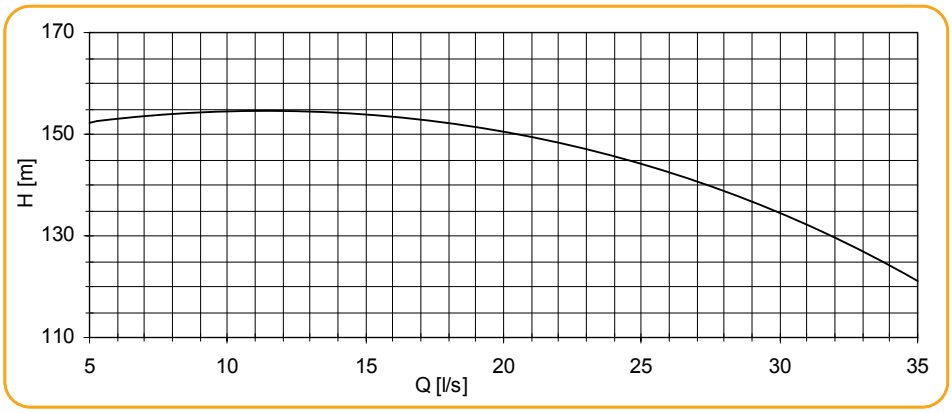



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

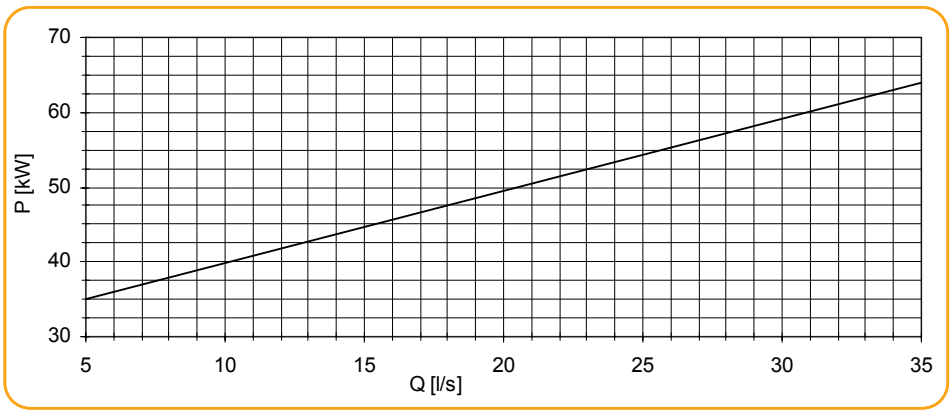
## Pump performance curves

KCP 162-2
n =2900 (rpm)

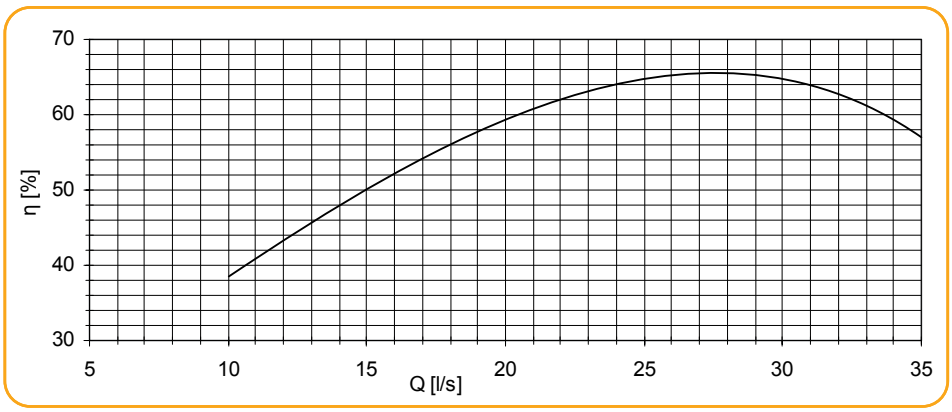
Total Differential Head



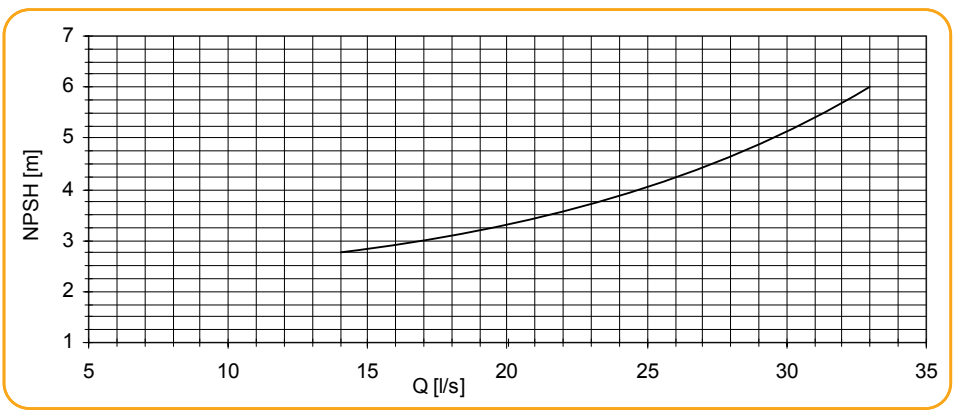

Power Input




Efficiency




Net Positive Suction Head



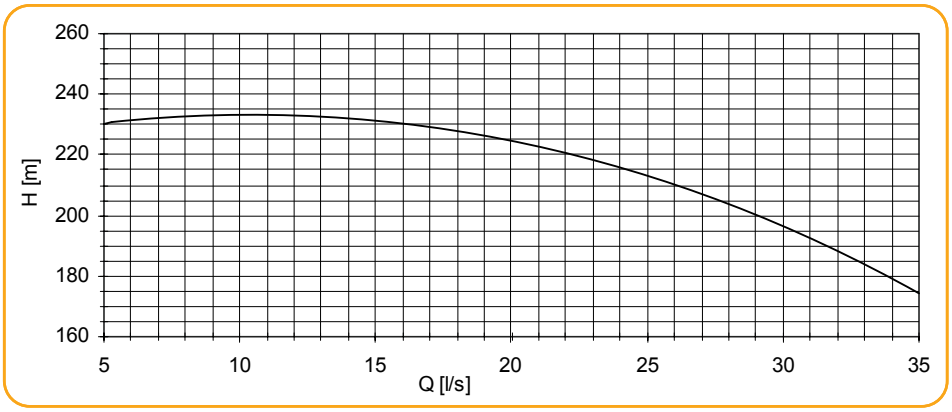



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

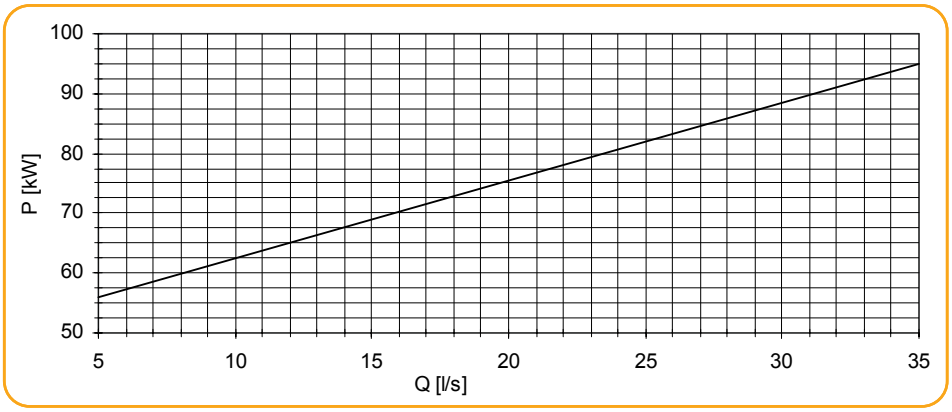
## Pump performance curves

KCP 162-3
n =2900 (rpm)

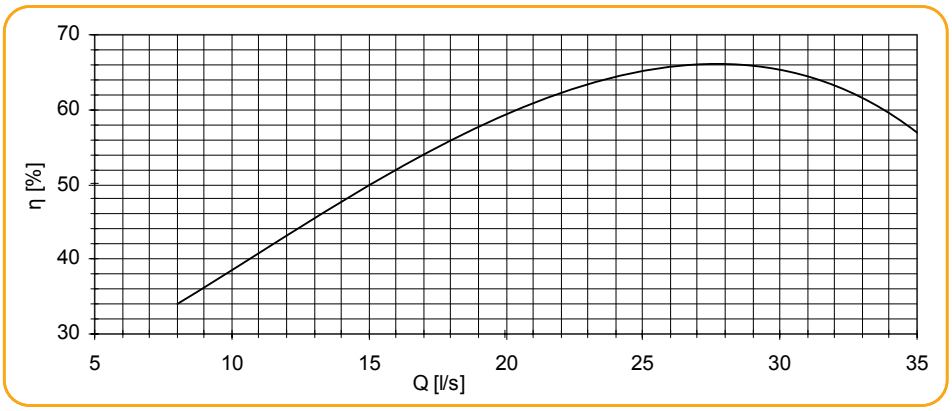
Total Differential Head



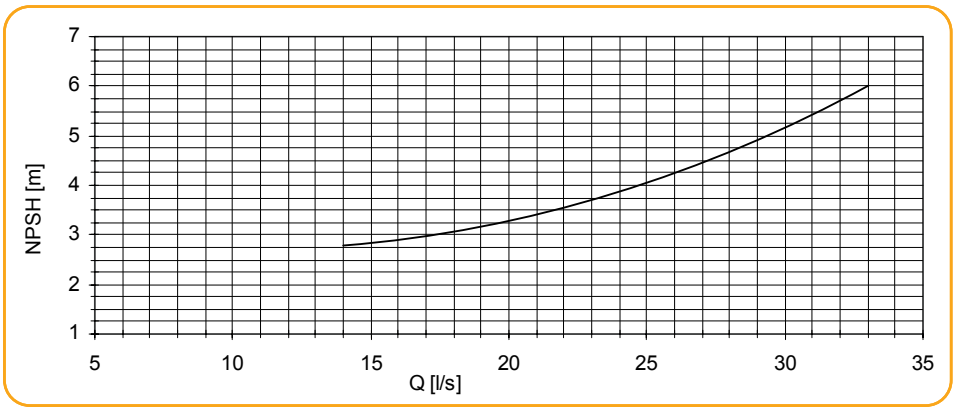

Power Input




Efficiency




Net Positive Suction Head

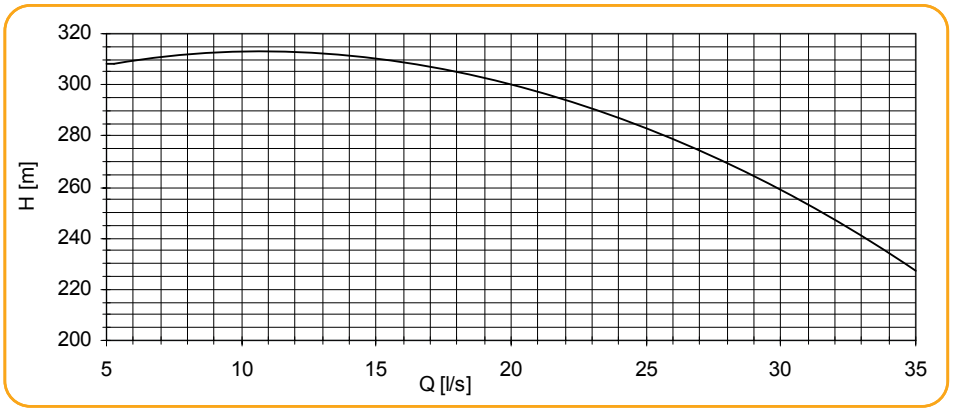



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

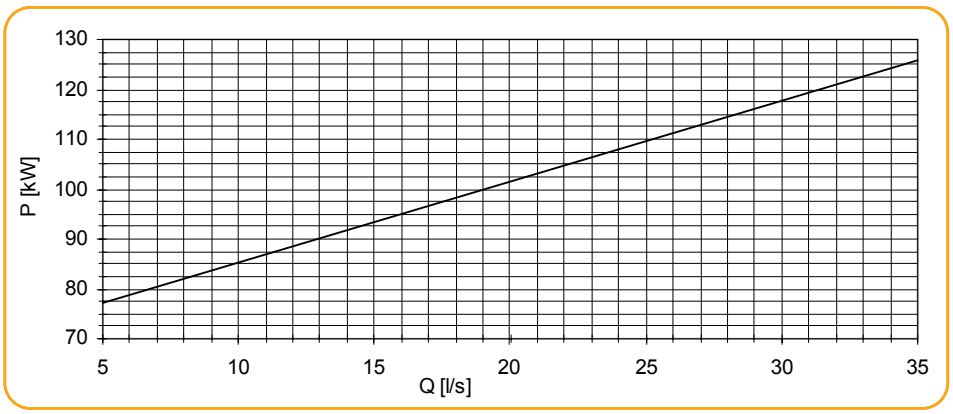
## Pump performance curves

KCP 162-4
n =2900 (rpm)

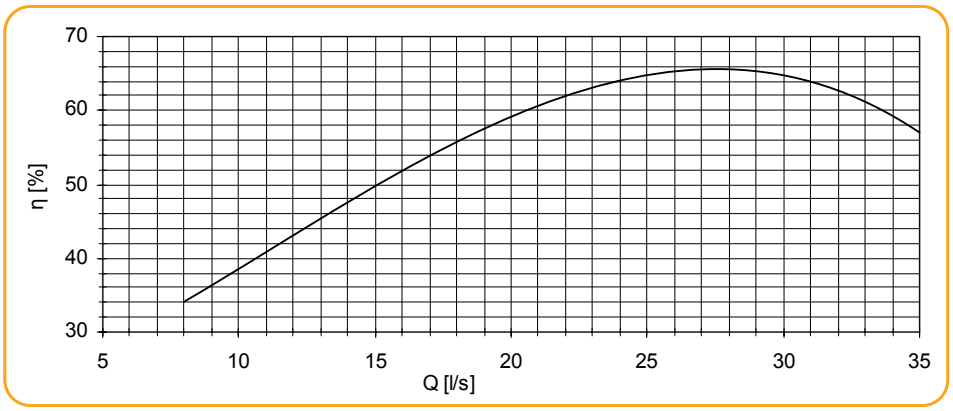
Total Differential Head



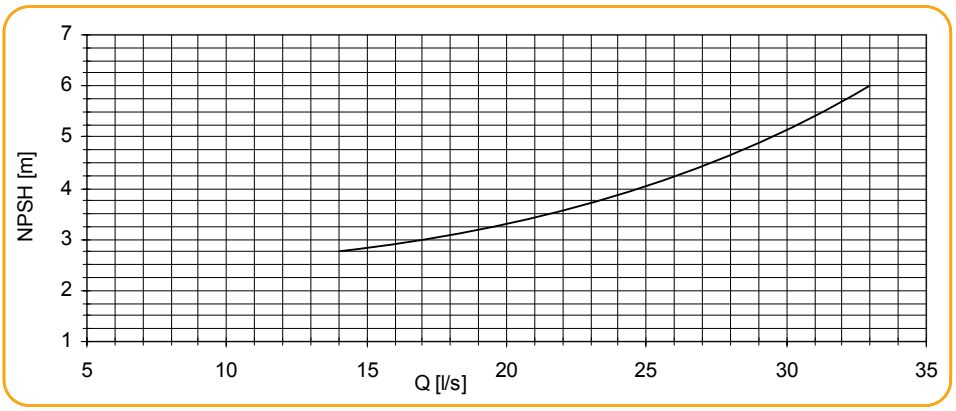

Power Input




Efficiency




Net Positive Suction Head



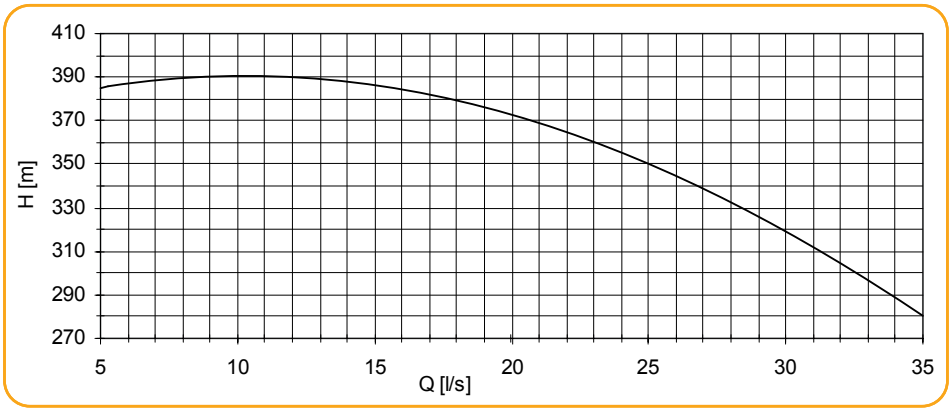



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

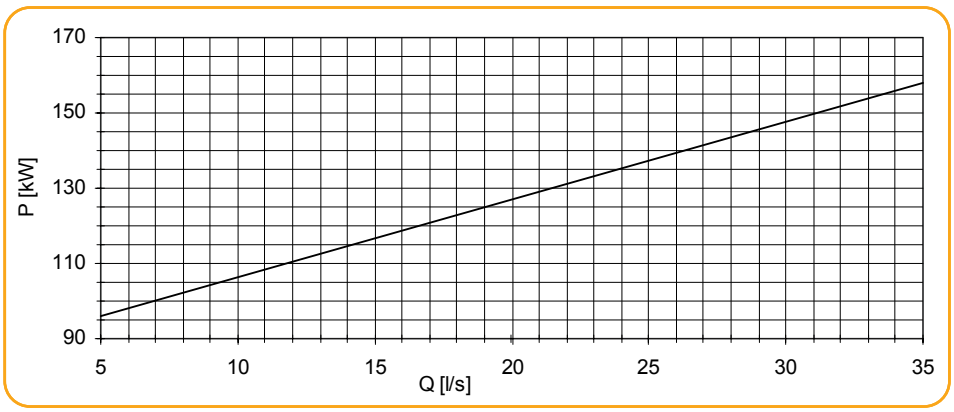
## Pump performance curves

KCP 162-5
n =2900 (rpm)

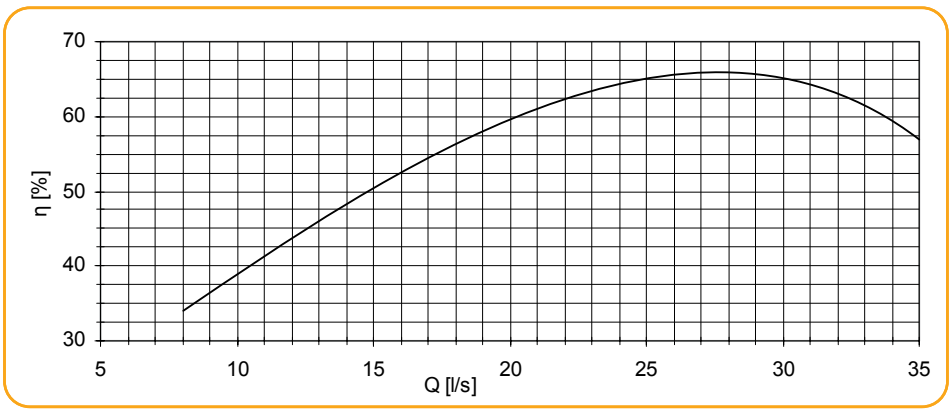
Total Differential Head



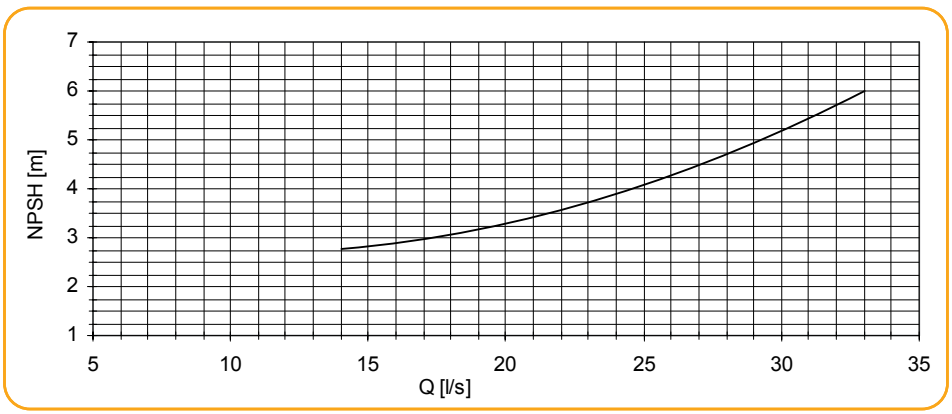

Power Input




Efficiency




Net Positive Suction Head

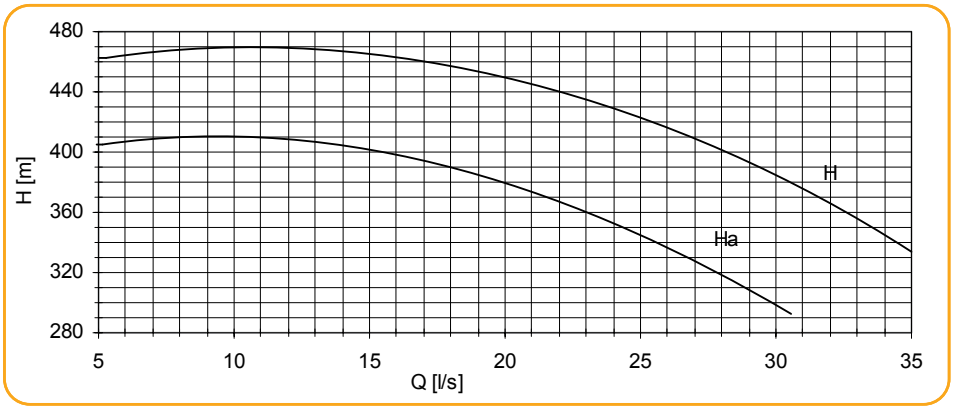



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

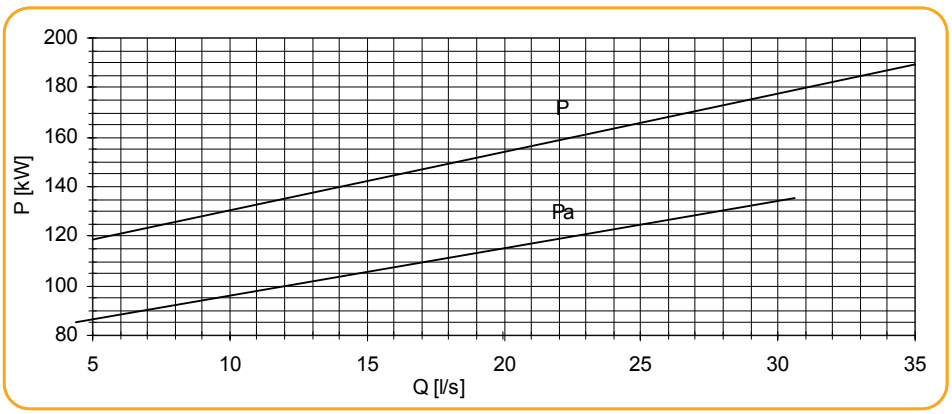
## Pump performance curves

KCP 162-6
n =2900 (rpm)

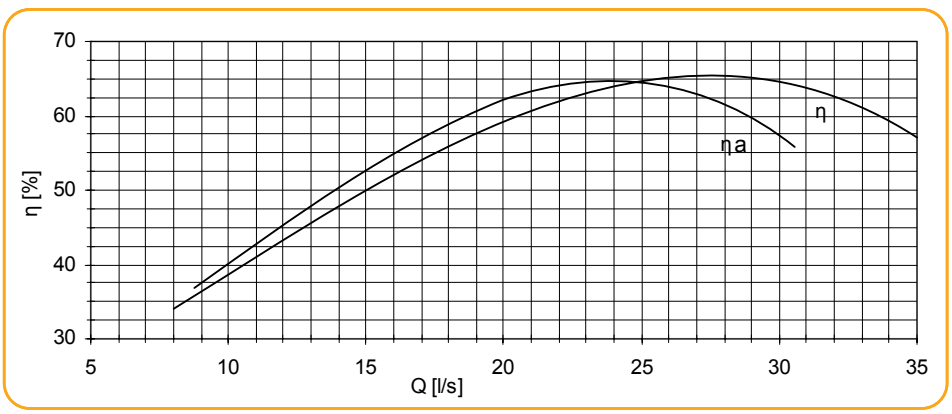
Total Differential Head



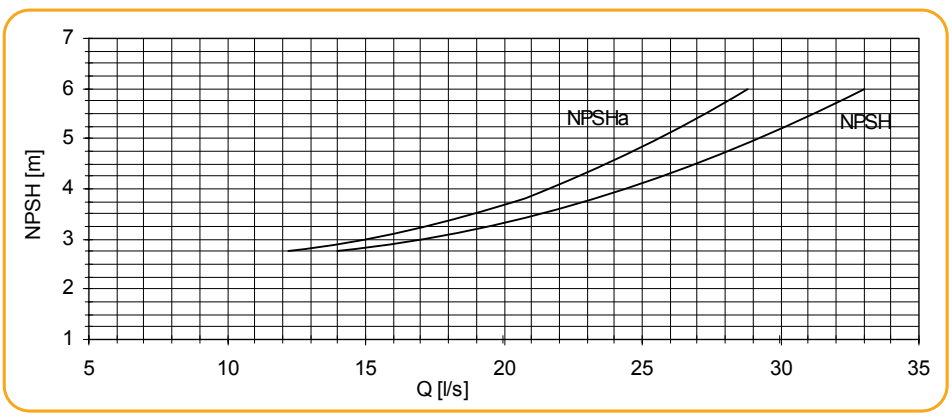

Power Input




Efficiency




Net Positive Suction Head



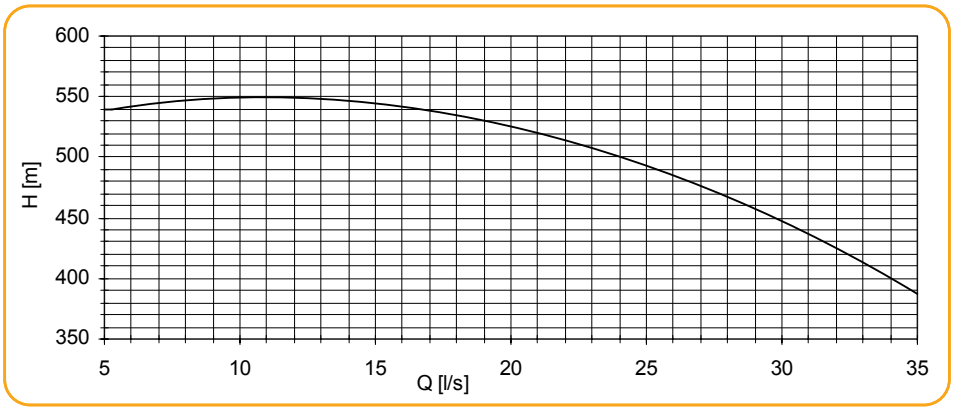



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

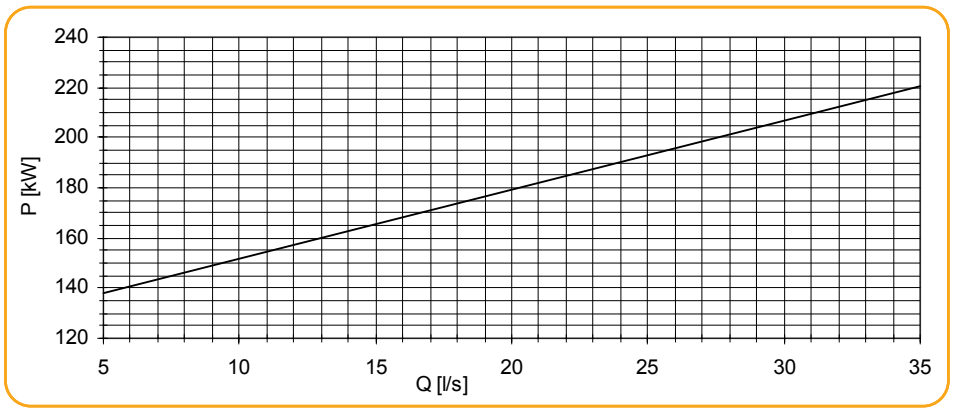
## Pump performance curves

KCP 162-7
n =2900 (rpm)

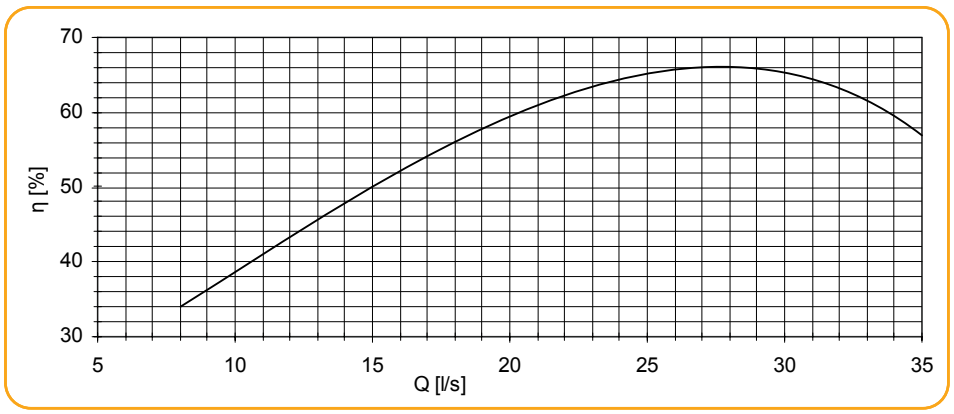
Total Differential Head



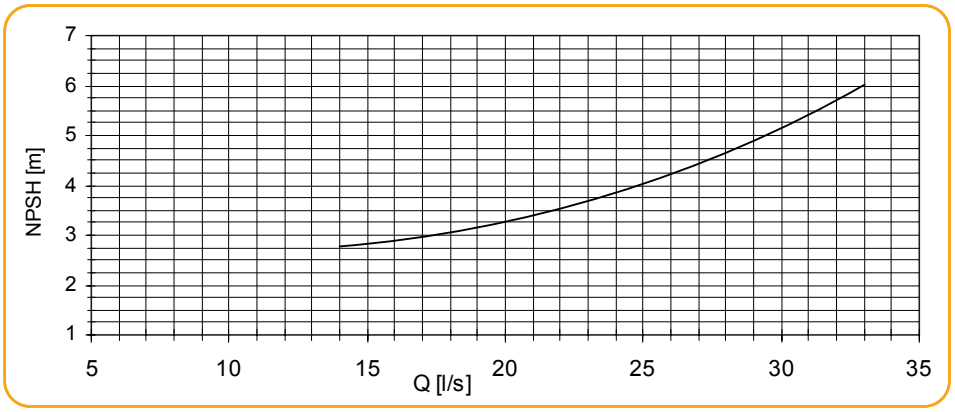

Power Input




Efficiency




Net Positive Suction Head

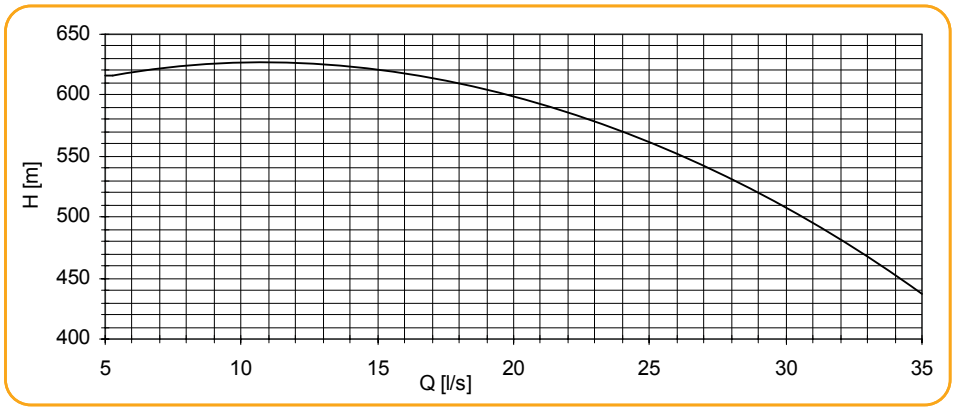



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

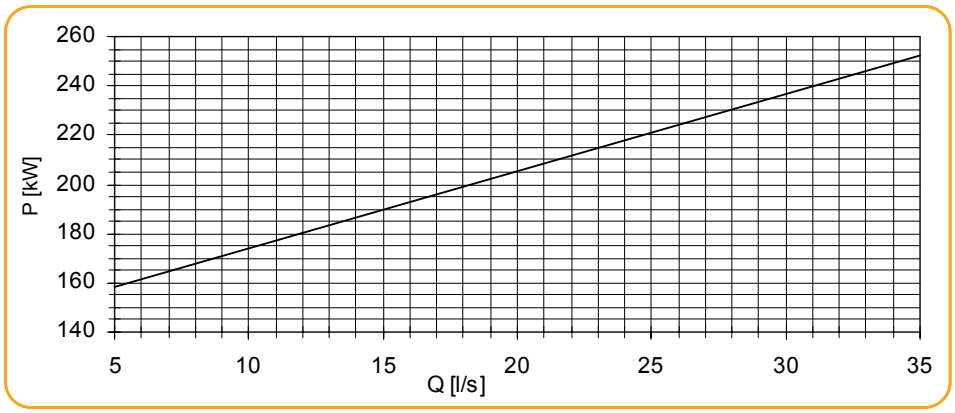
## Pump performance curves

KCP 162-8
n =2900 (rpm)

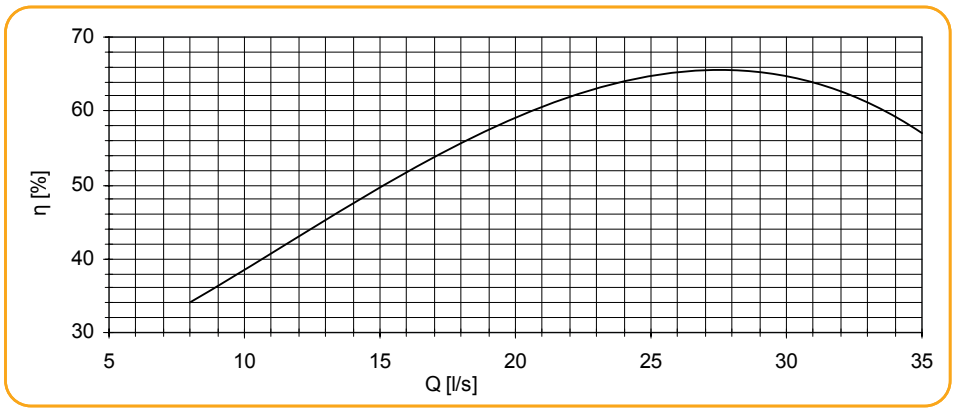
Total Differential Head



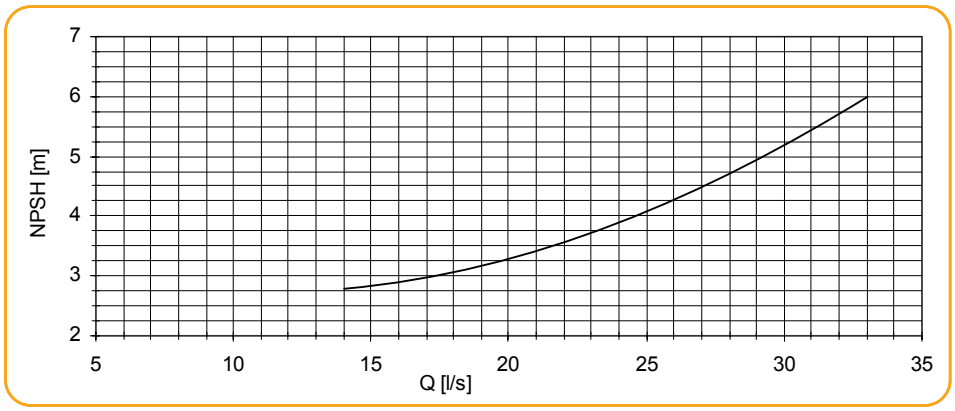

Power Input




Efficiency




Net Positive Suction Head



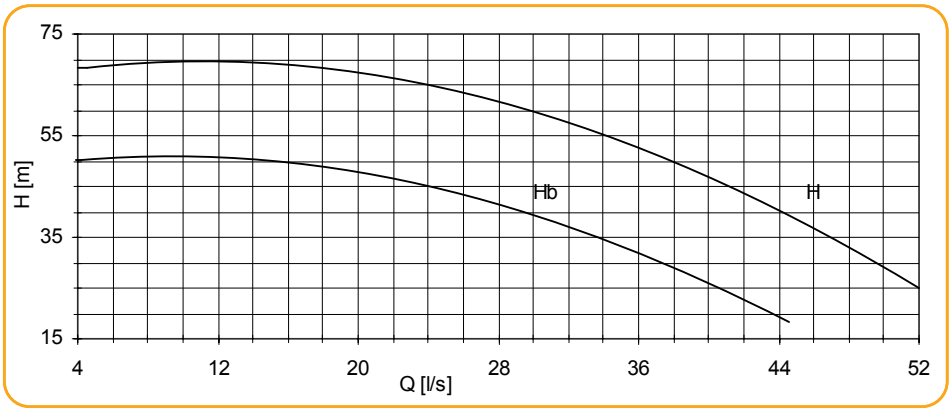



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

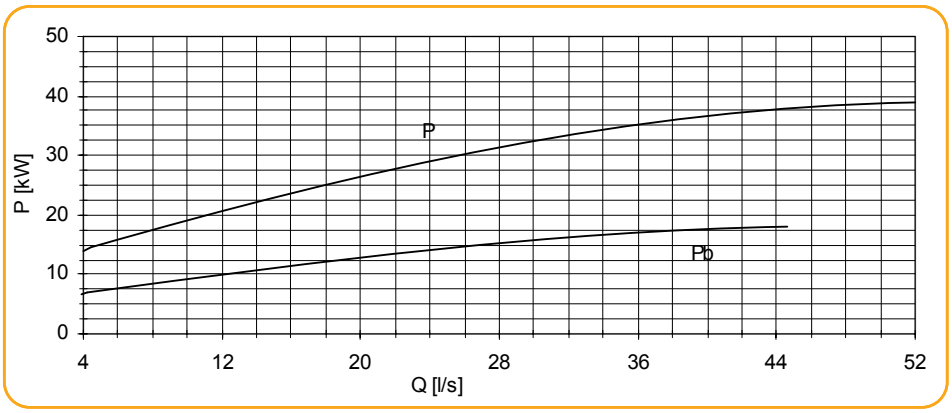
## Pump performance curves

KCP 182-2
n =1450 (rpm)

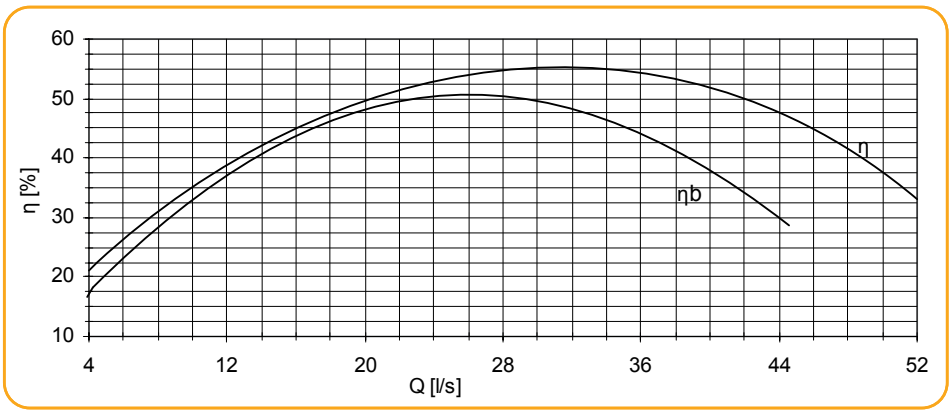
Total Differential Head



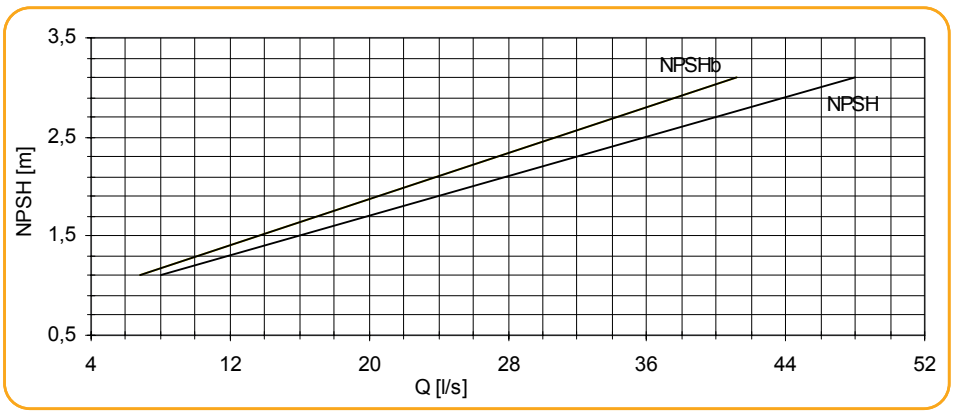

Power Input




Efficiency




Net Positive Suction Head

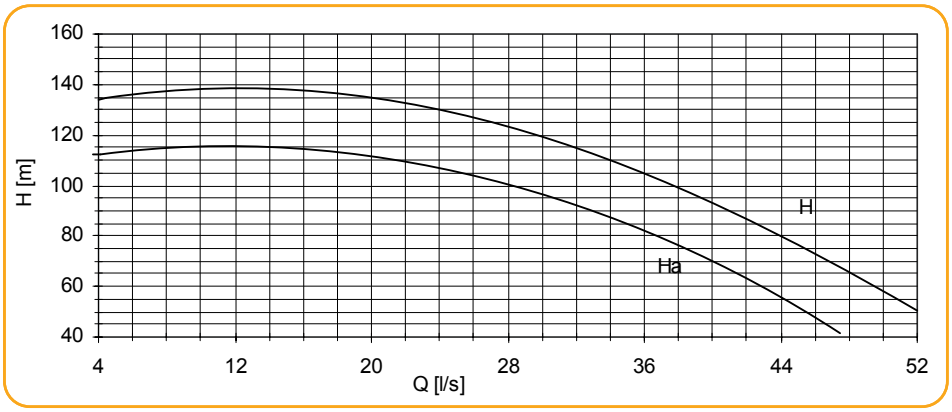



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

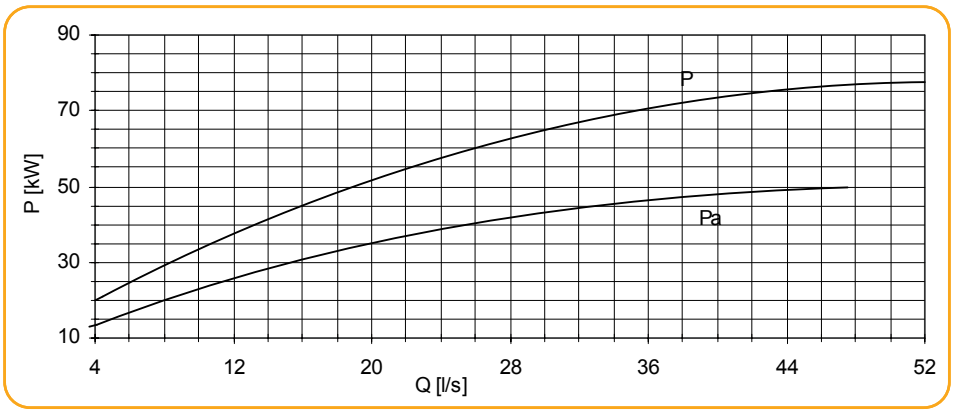
## Pump performance curves

KCP 182-4
n =1450 (rpm)

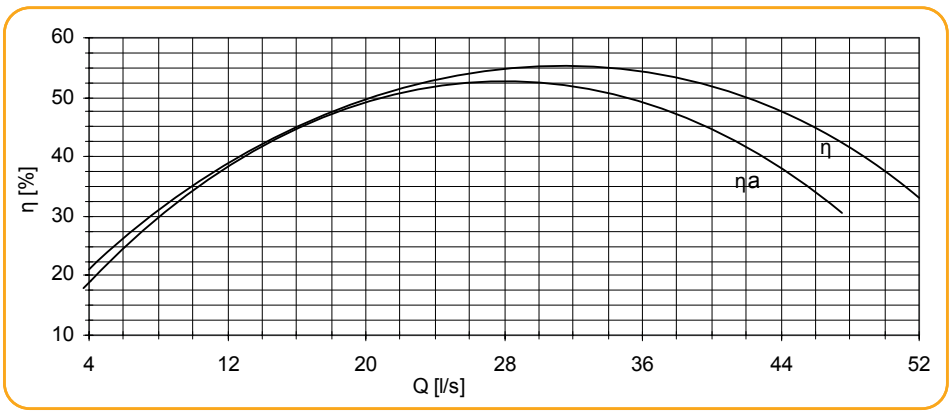
Total Differential Head



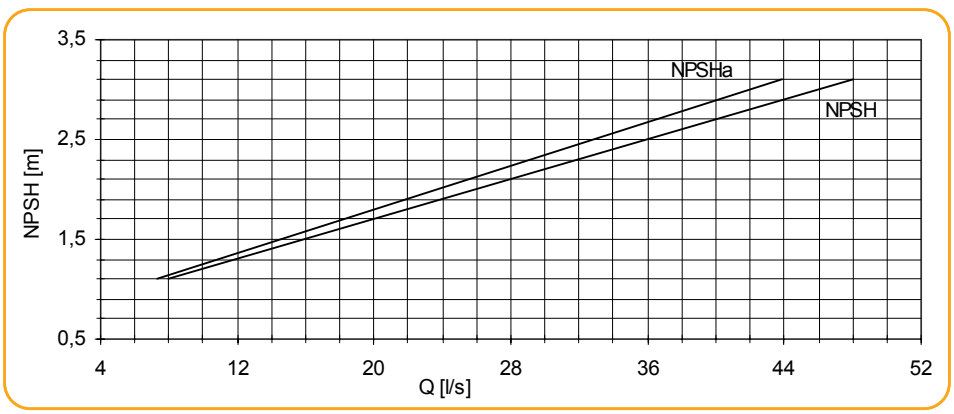

Power Input




Efficiency




Net Positive Suction Head



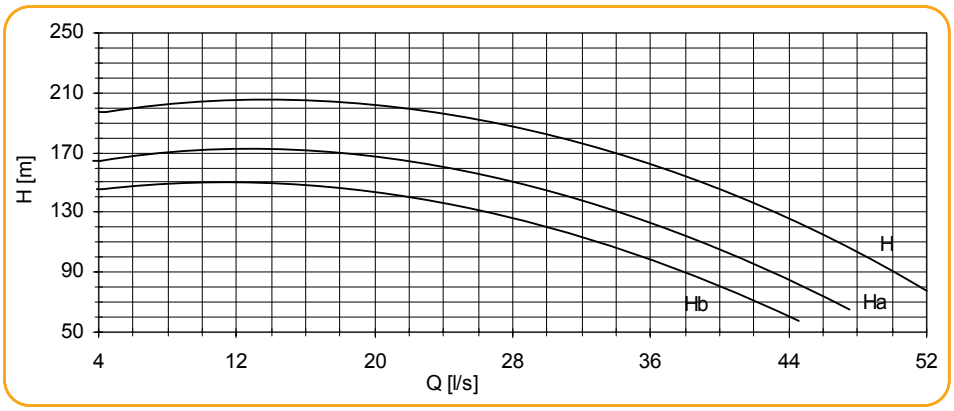



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

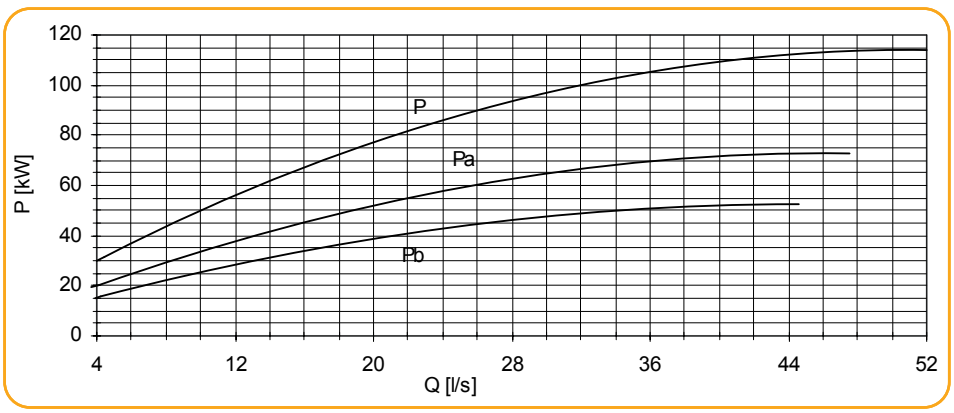
## Pump performance curves

KCP 182-6
n =1450 (rpm)

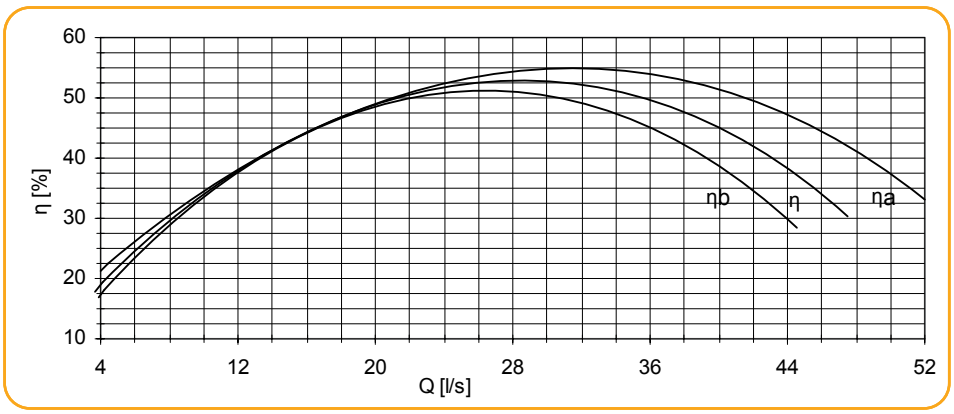
Total Differential Head



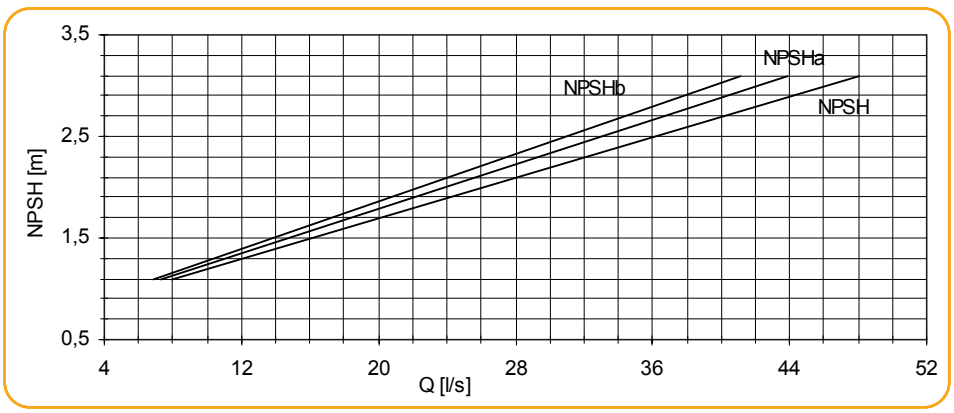

Power Input




Efficiency




Net Positive Suction Head

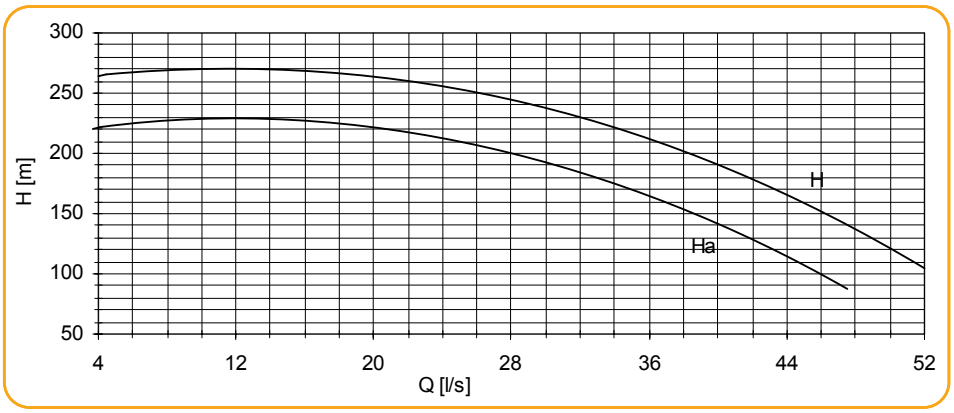



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

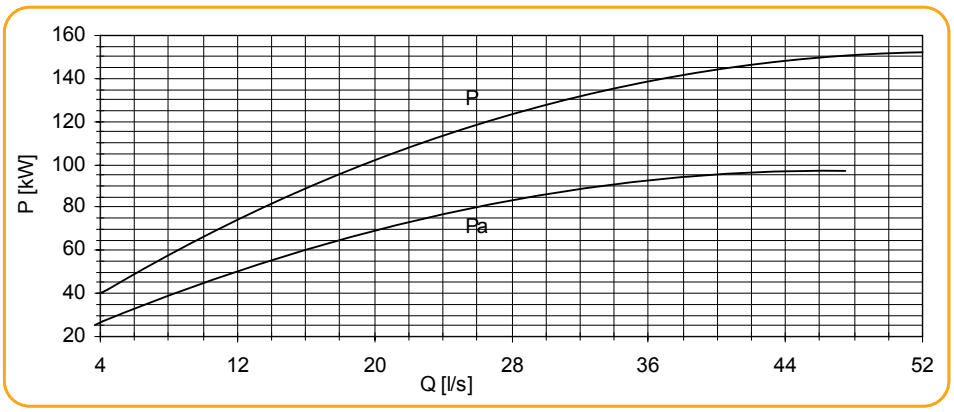
## Pump performance curves

KCP 182-8
n =1450 (rpm)

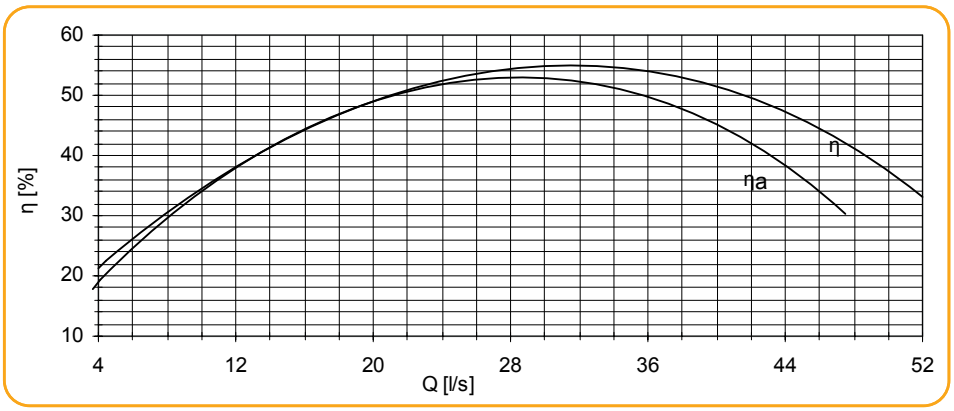
Total Differential Head



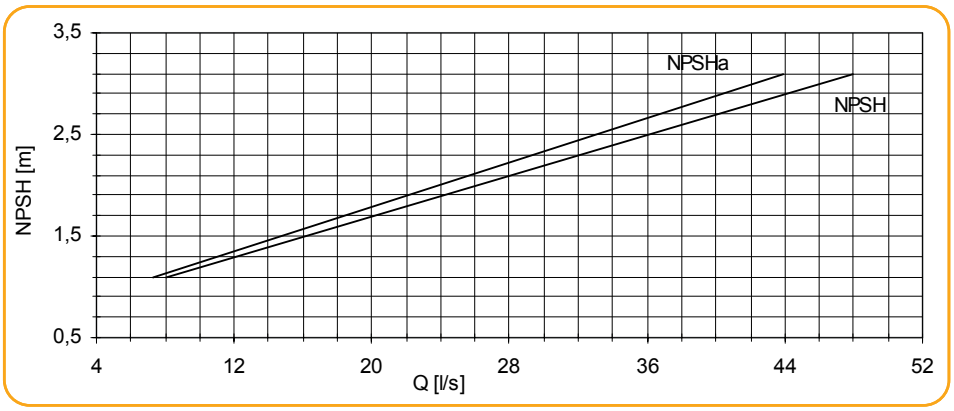

Power Input




Efficiency




Net Positive Suction Head



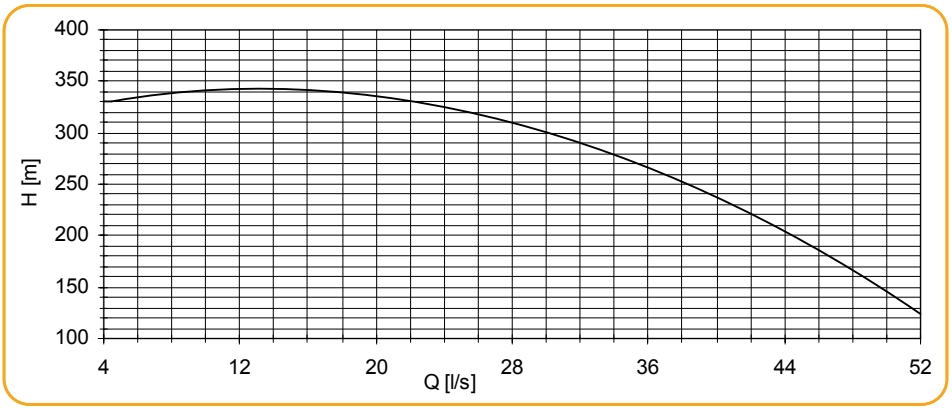



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

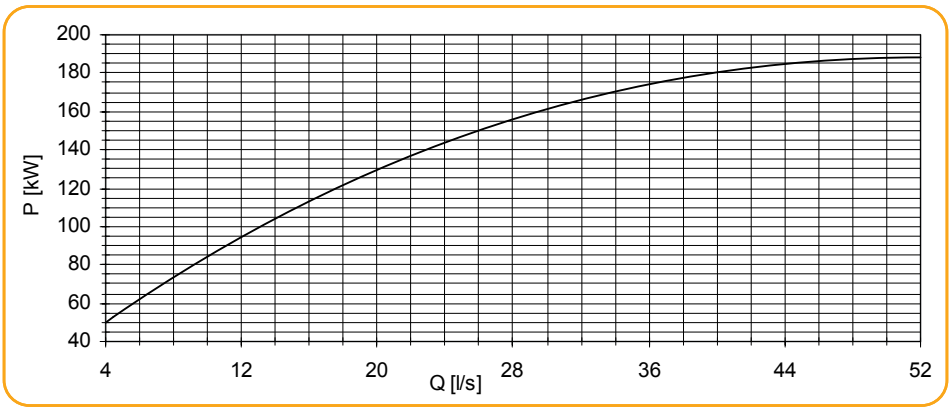
## Pump performance curves

KCP 182-10
n =1450 (rpm)

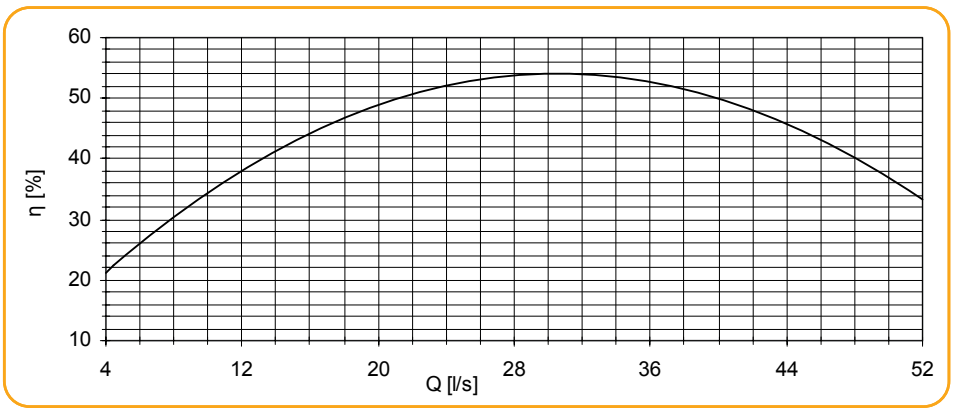
Total Differential Head



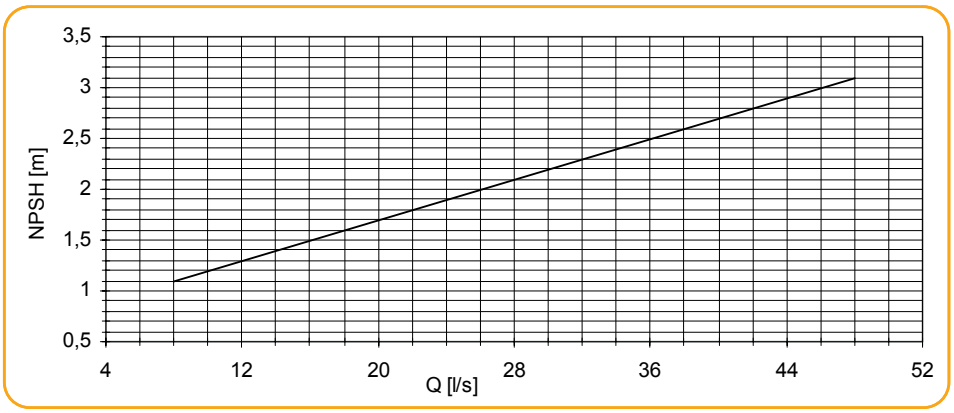

Power Input




Efficiency




Net Positive Suction Head

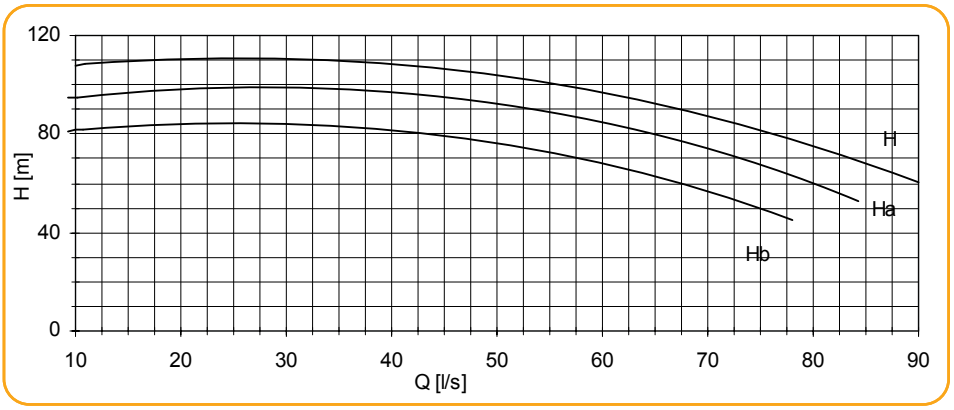



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

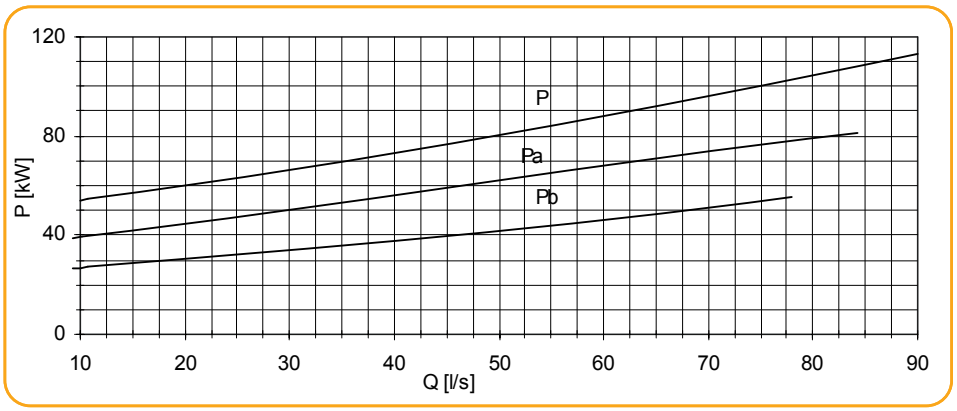
## Pump performance curves

KCP 252-2
n =1450 (rpm)

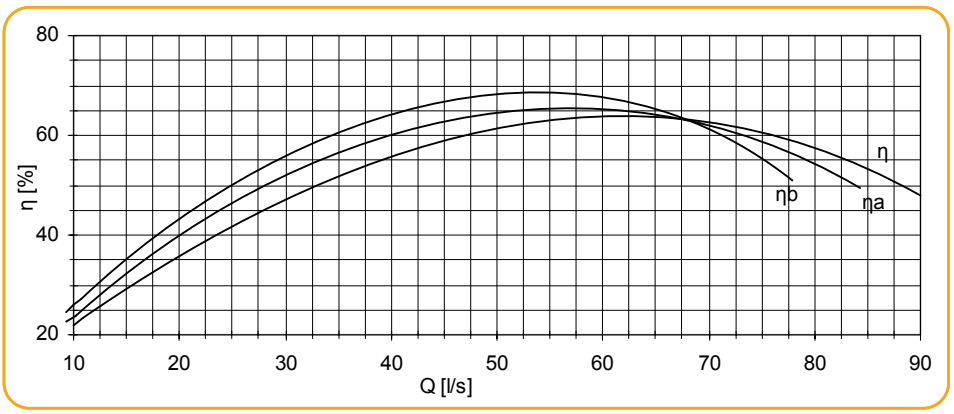
Total Differential Head



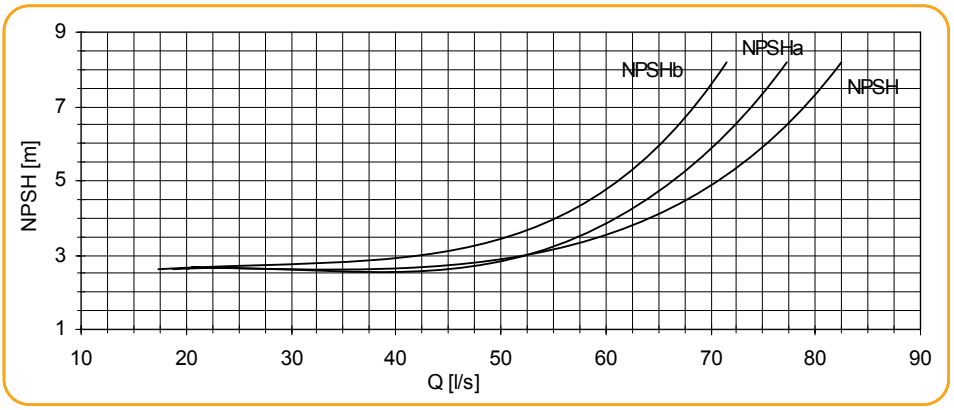

Power Input




Efficiency




Net Positive Suction Head



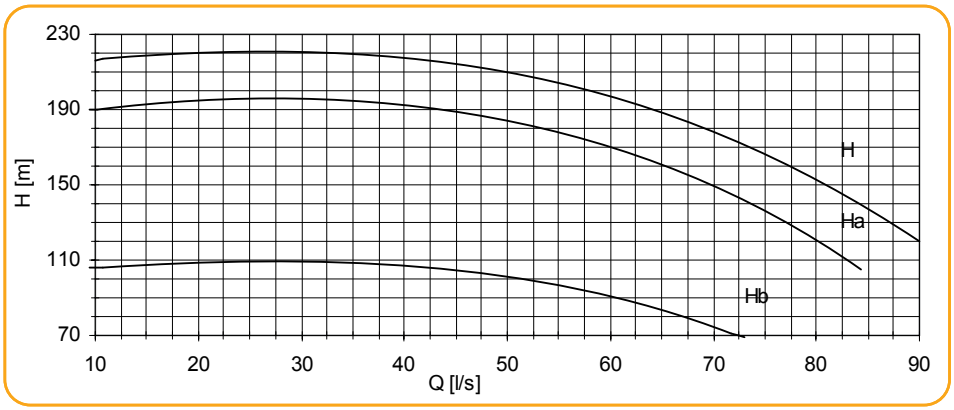



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

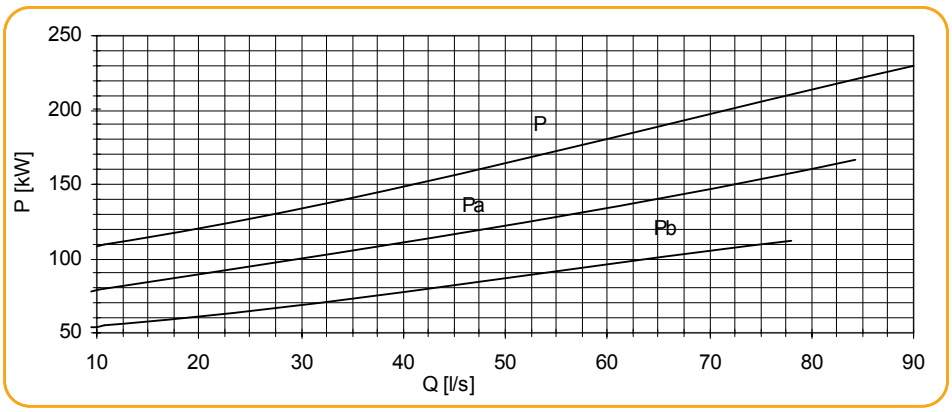
## Pump performance curves

KCP 252-4
n =1450 (rpm)

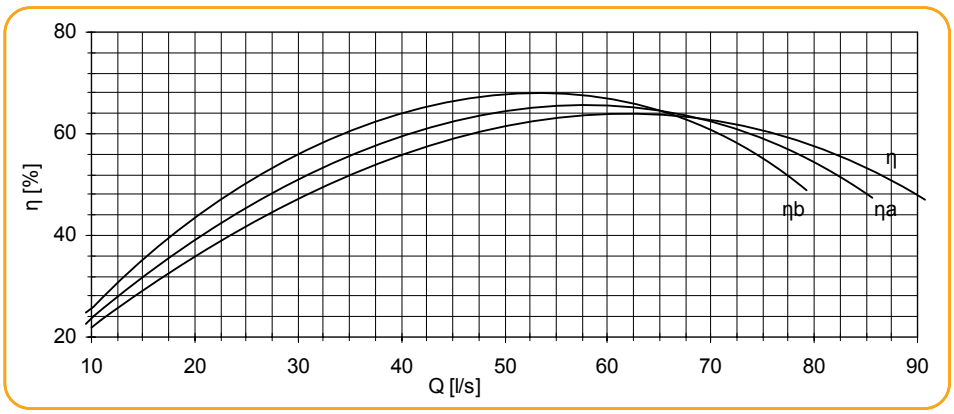
Total Differential Head



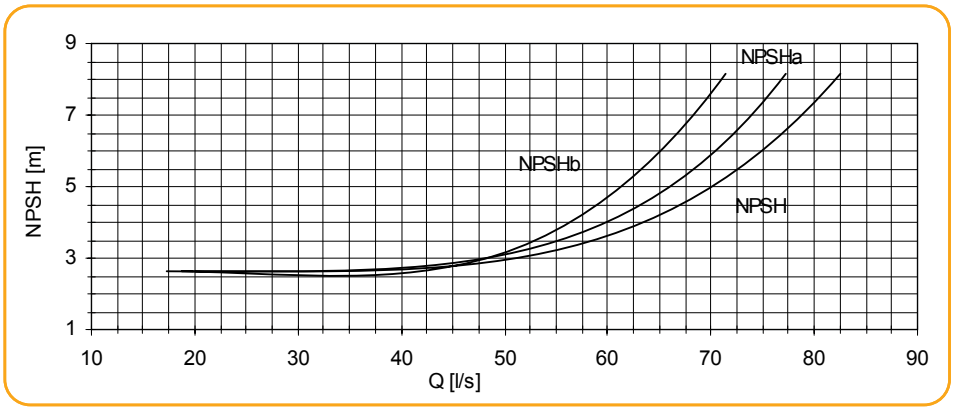

Power Input




Efficiency



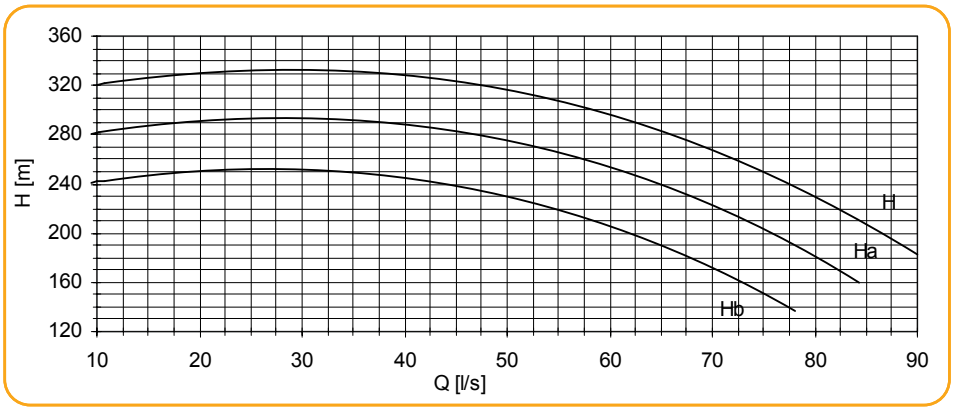

Net Positive Suction Head



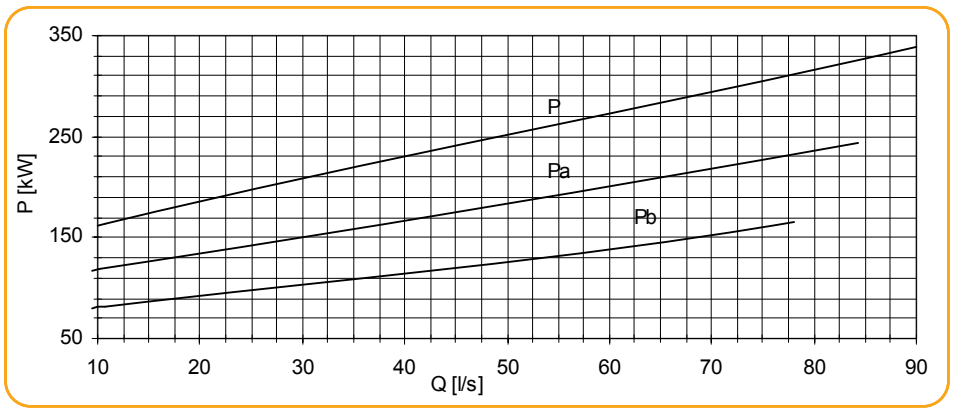
## Pump performance curves

KCP 252-6
n =1450 (rpm)

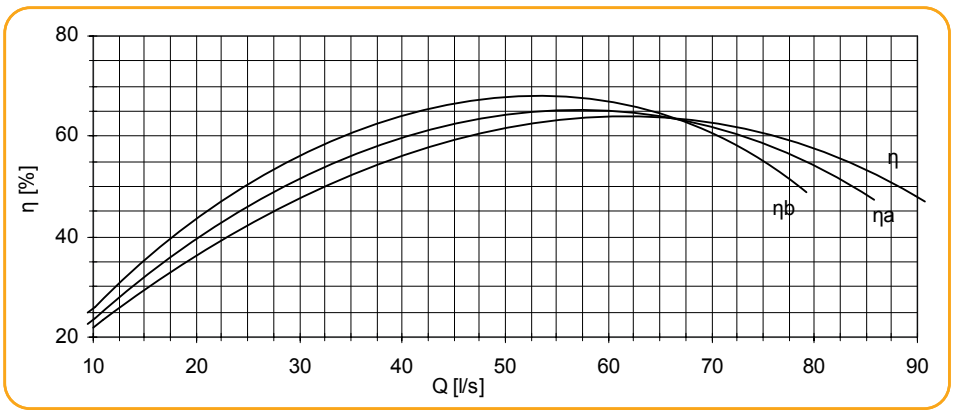
Total Differential Head



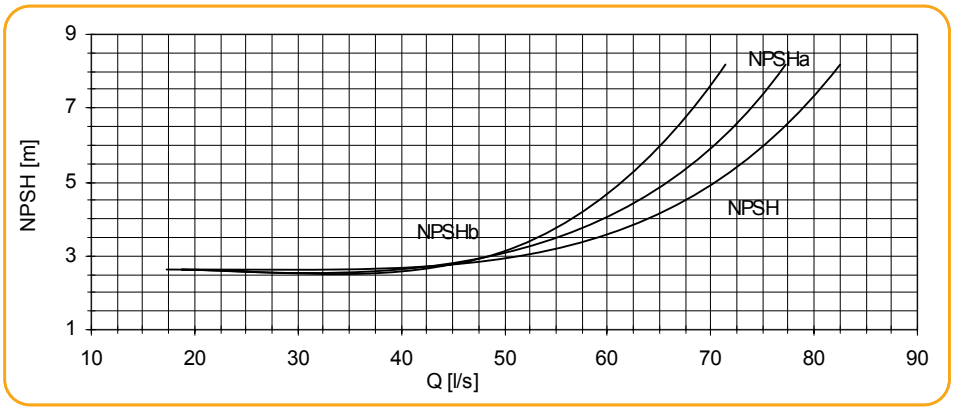

Power Input




Efficiency




Net Positive Suction Head



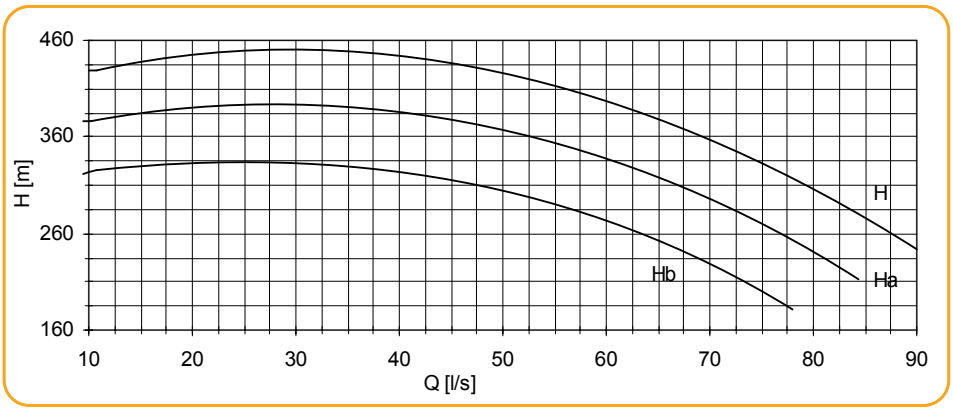



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

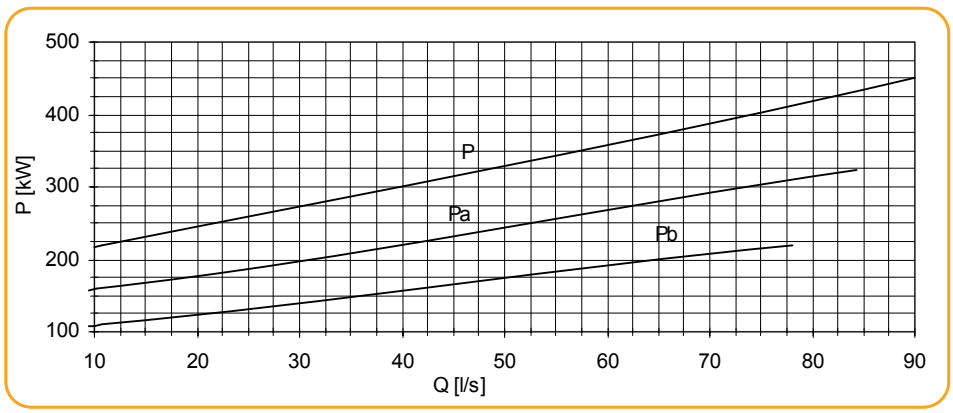
## Pump performance curves

KCP 252-8
n =1450 (rpm)

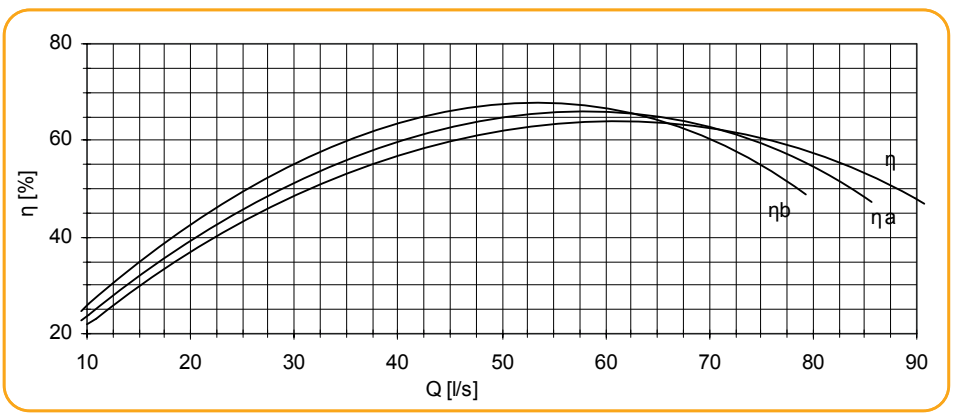
Total Differential Head



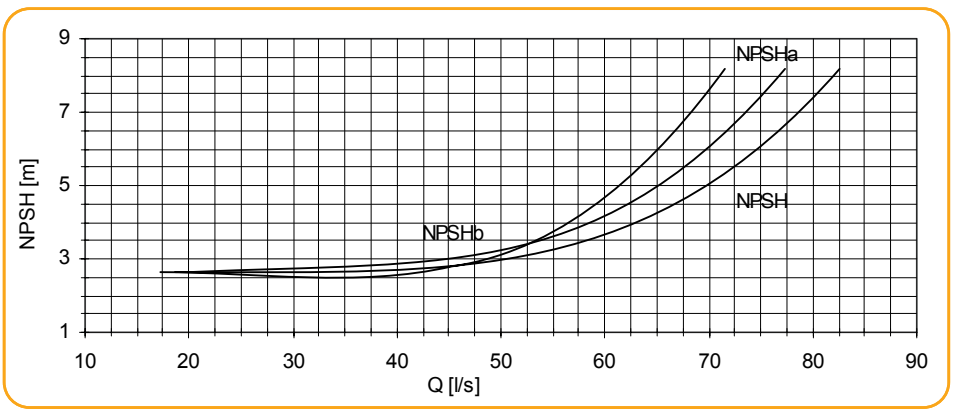

Power Input




Efficiency




Net Positive Suction Head

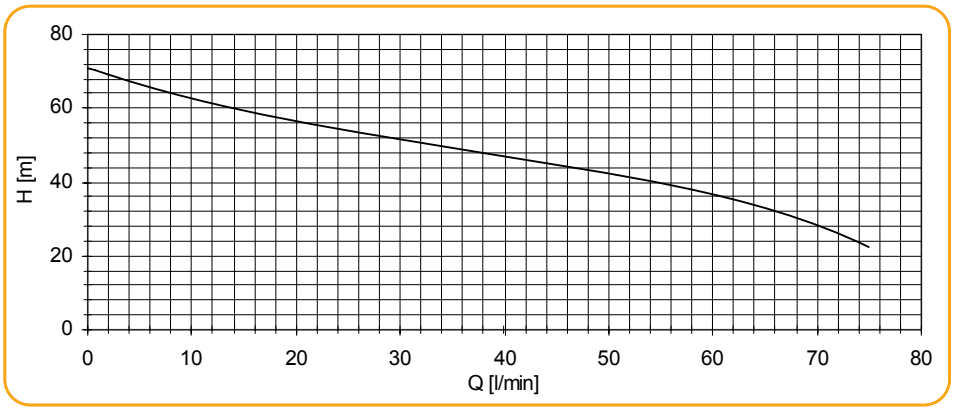



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

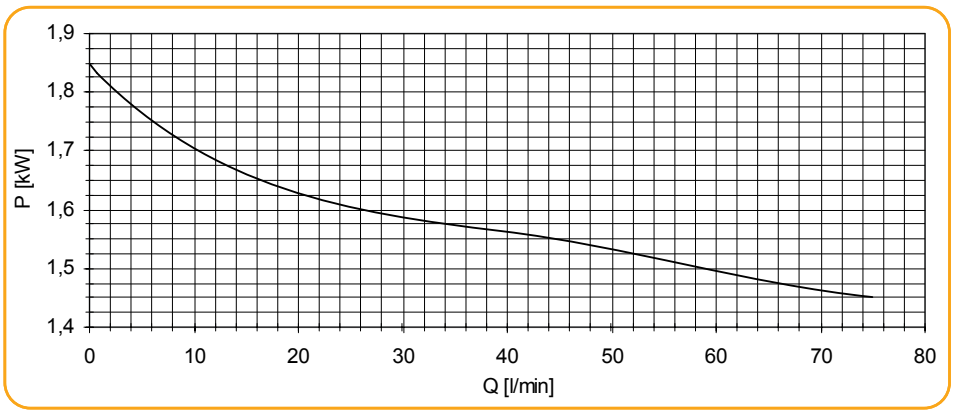
## Pump performance curves

K06-2
n =2900 (rpm)

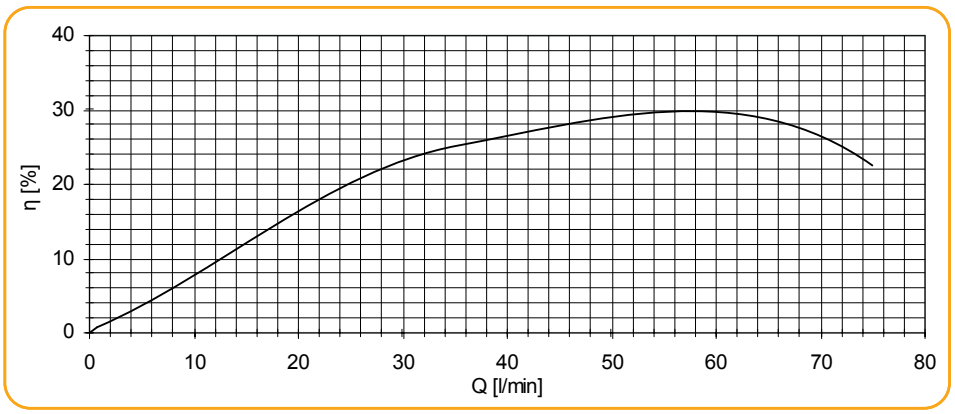
Total
Differential
Head




Power Input




Efficiency



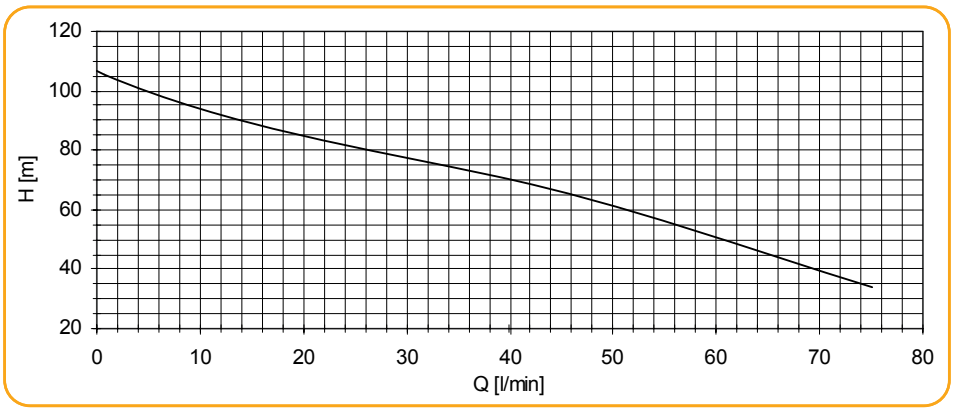



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

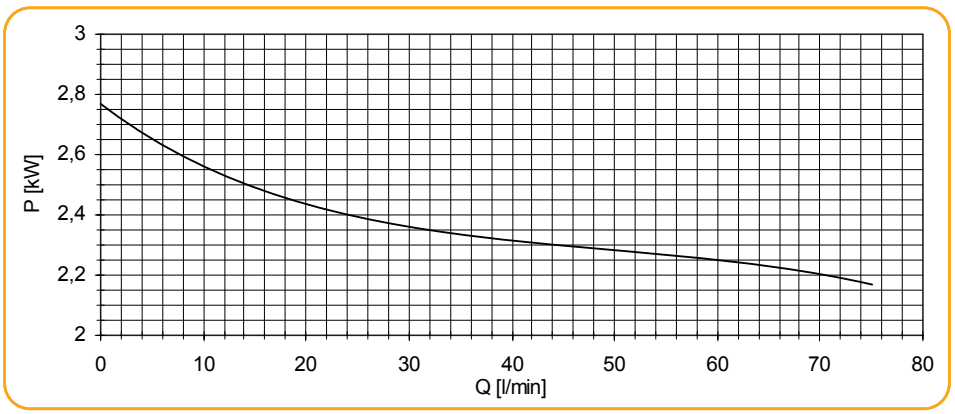
## Pump performance curves

K06-3
n =2900 (rpm)

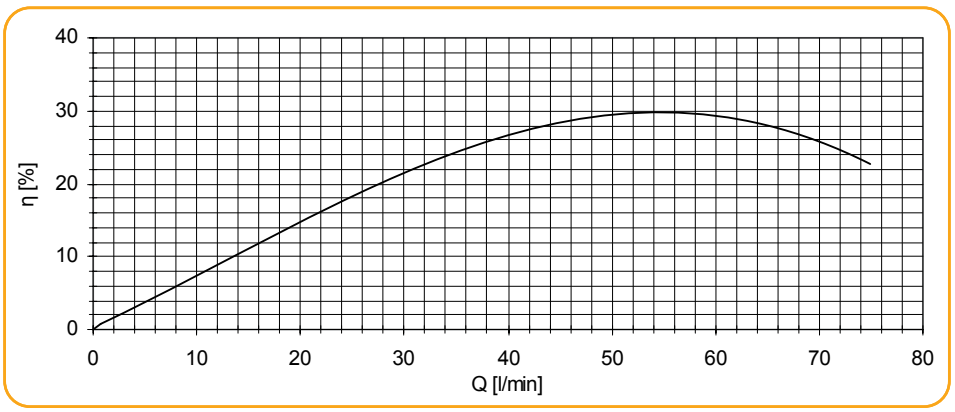
Total
Differential
Head




Power Input




Efficiency

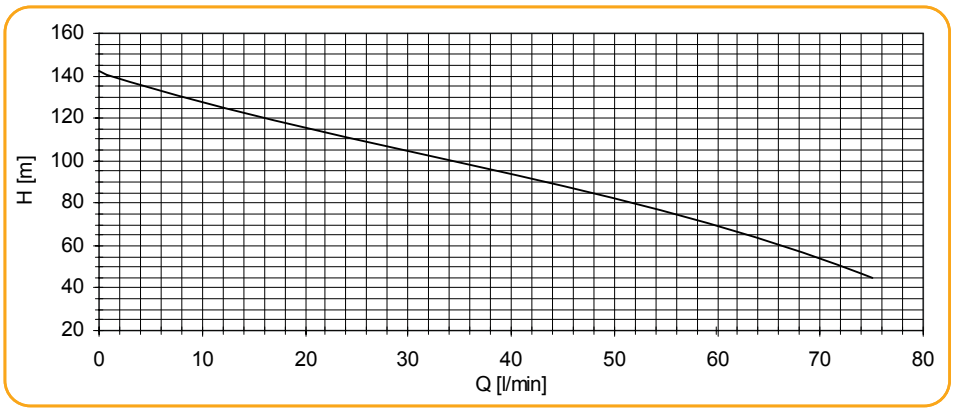



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

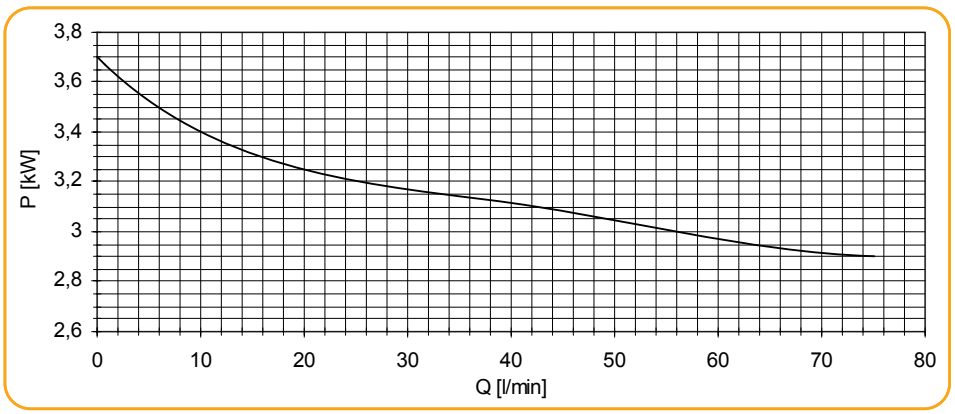
## Pump performance curves

K06-4
n =2900 (rpm)

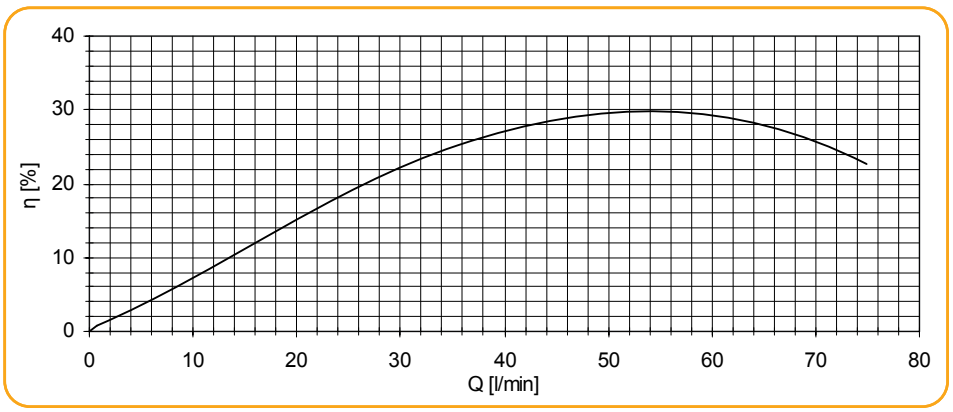
Total
Differential
Head




Power Input




Efficiency



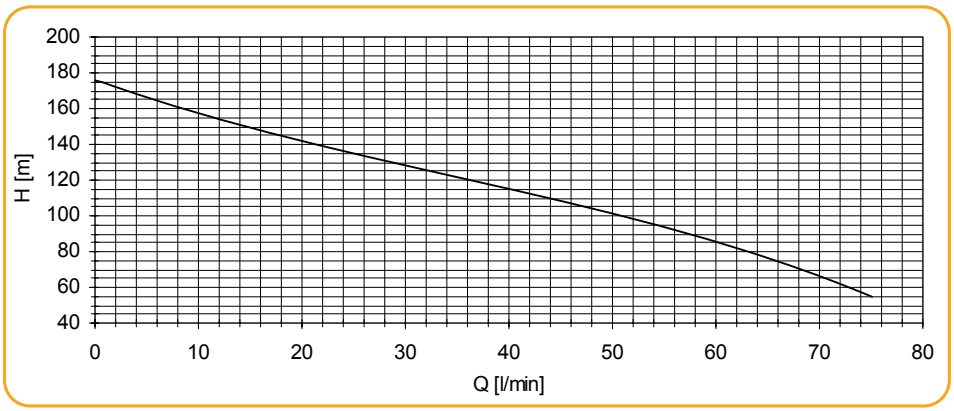



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

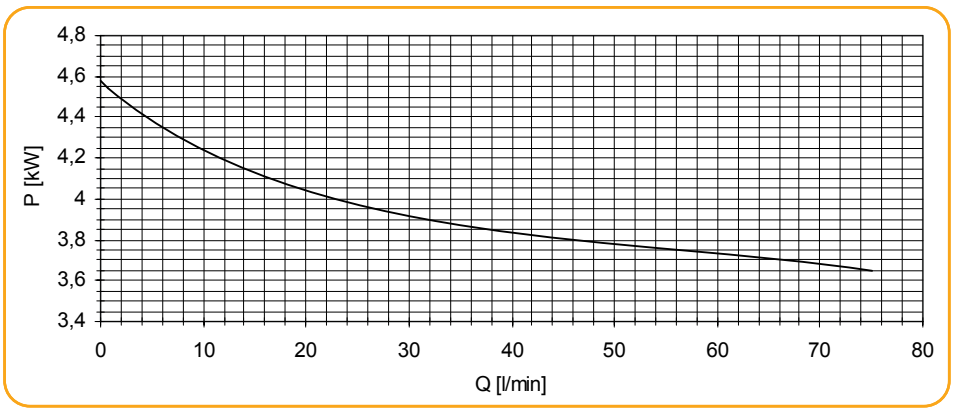
## Pump performance curves

K06-5
n =2900 (rpm)

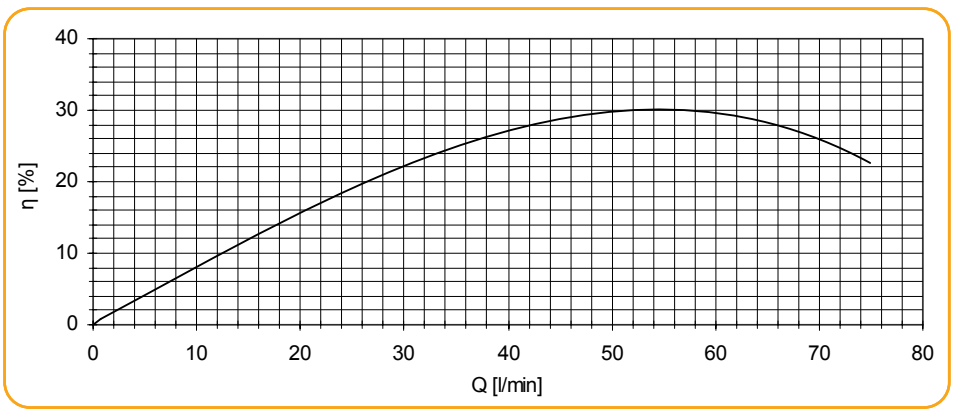
Total Differential Head




Power Input



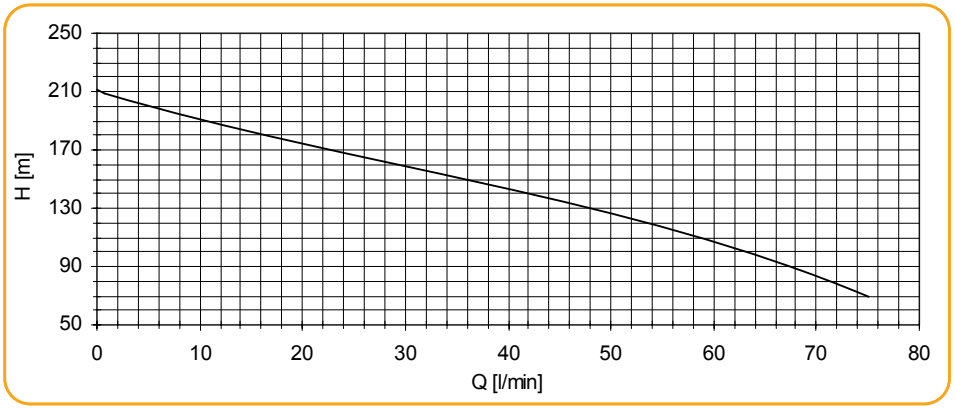

Efficiency



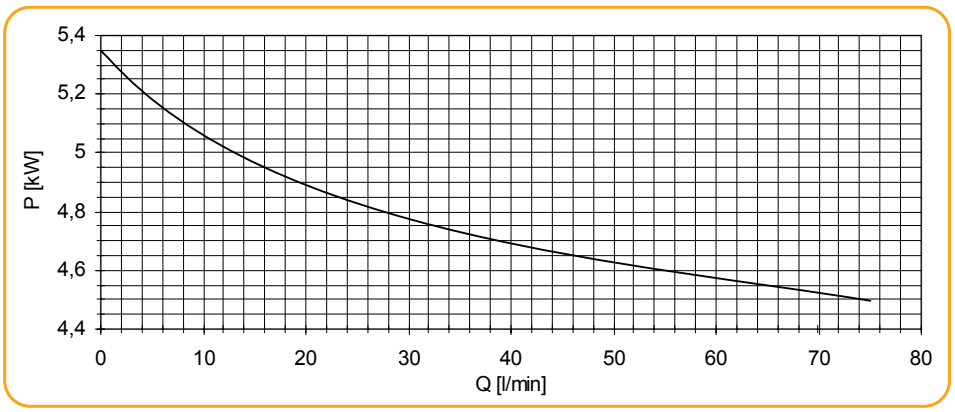
## Pump performance curves

K06-6
n =2900 (rpm)

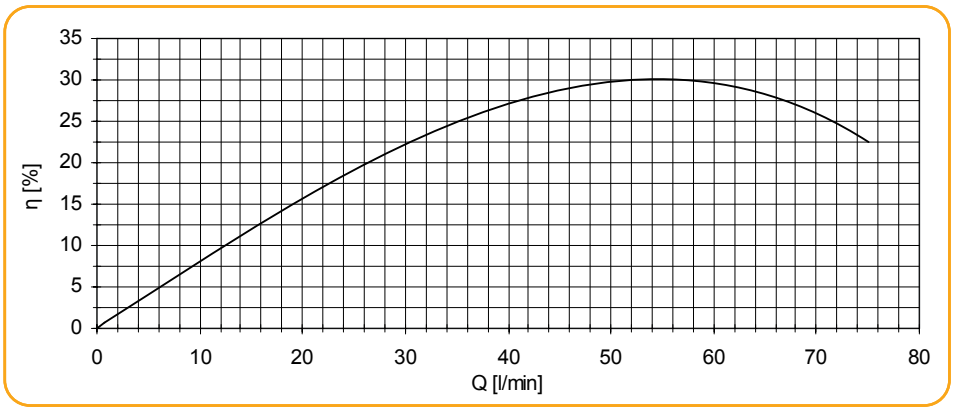
Total Differential Head




Power Input




Efficiency



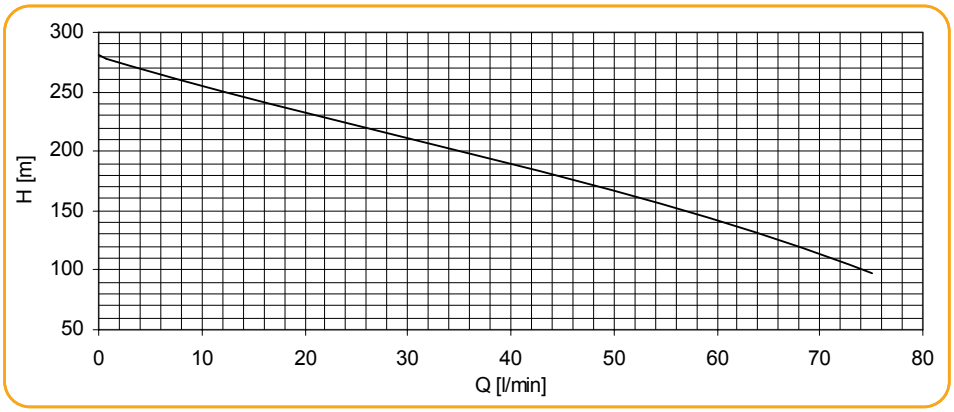



Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

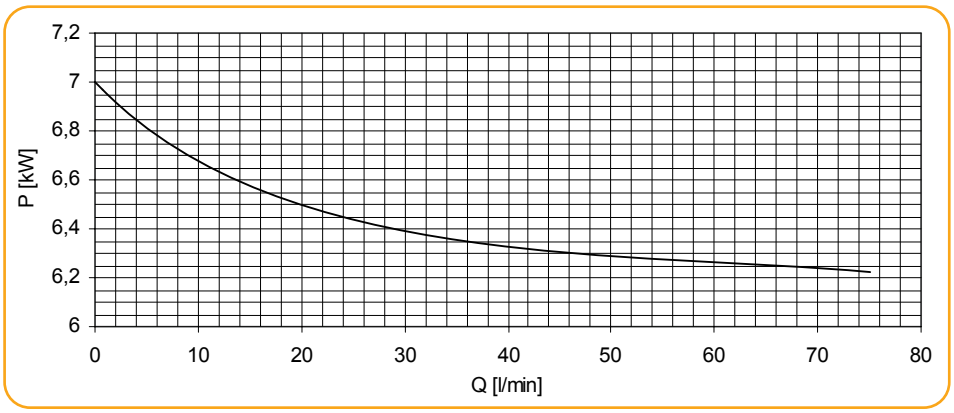
## Pump performance curves

K06-7
n =2900 (rpm)

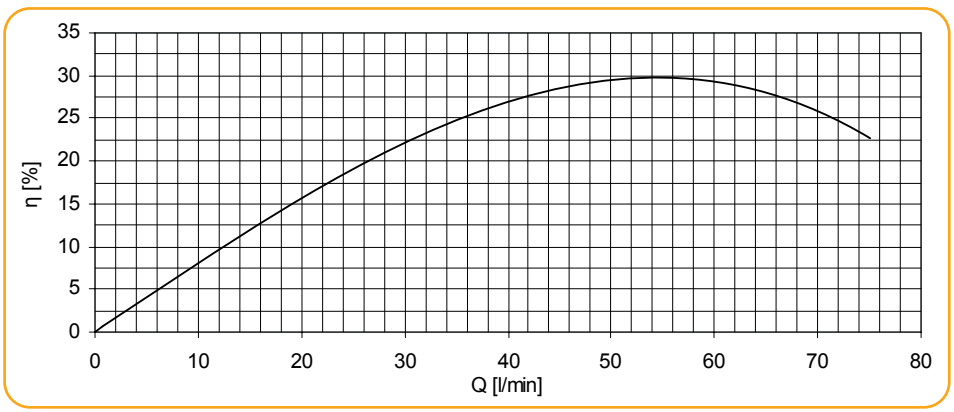
Total Differential Head




Power Input




Efficiency

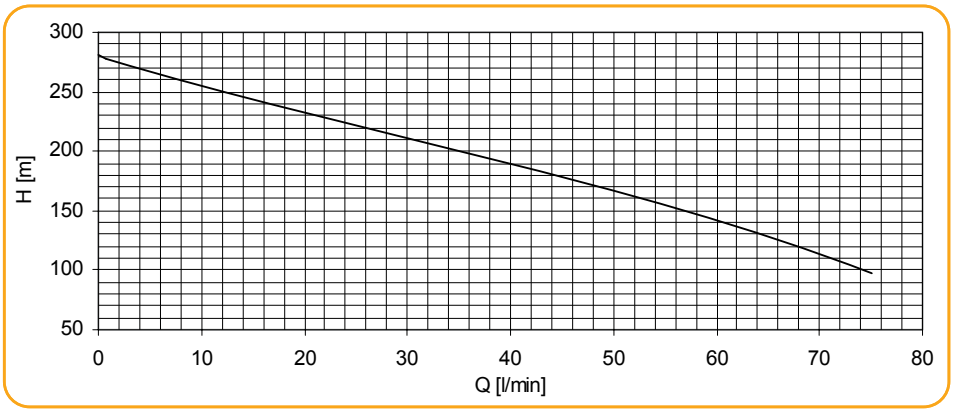



Performance curves are valid for clear water t=20 ºC, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

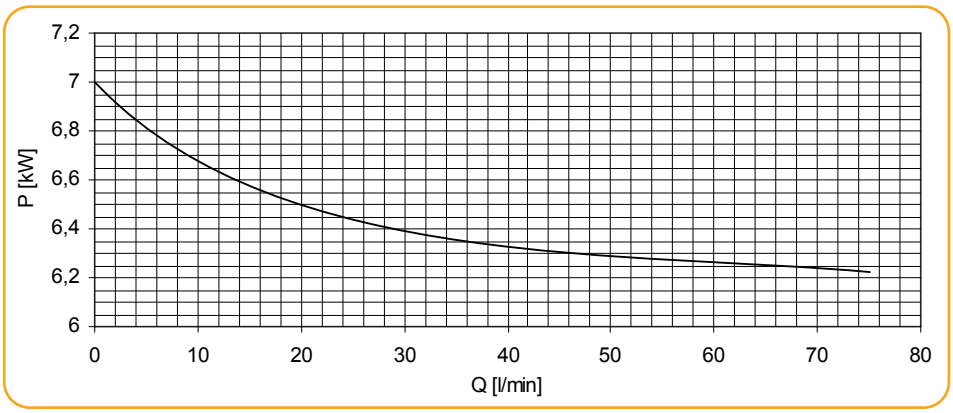
## Pump performance curves

K06-8
n =2900 (rpm)

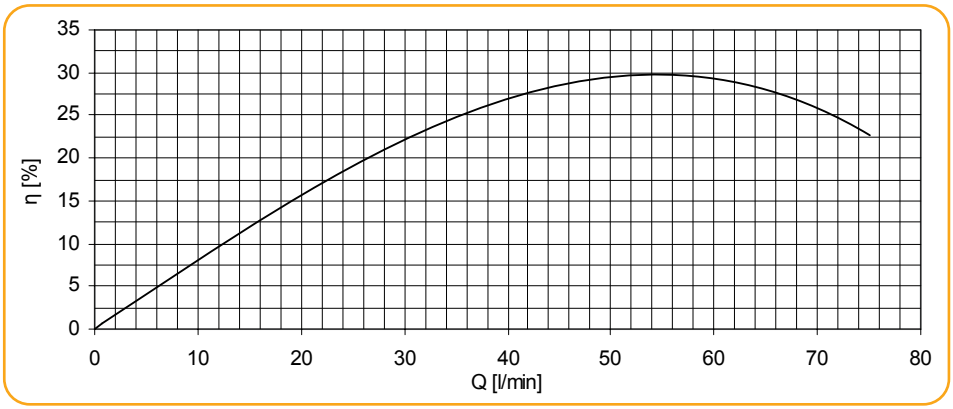
Total Differential Head




Power Input




Efficiency






Performance curves are valid for clear water t=20 °C, ρ=1000 kg/m³,. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m forapplication. Methods and tolerances of presented performance curves are in accordance with ISO 9906

Company: _____

Address: _____

Contact person: _____

Tel/Fax: _____

E-mail: _____

Date: _____

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